



Tender Ref. No.: SNDTWU/PMUSHA/PURCHASE/2025-26/ 166

E- TENDER DOCUMENT

FOR

SUPPLY OF

EQUIPMENT FOR THE ELECTRONICS HUB

AT

USHA MITTAL INSTITUTE OF TECHNOLOGY SANTACRUZ (W)

A constituent engineering college of the

SHREEMATI NATHIBAI DAMODAR THACKERSEY

WOMEN'S UNIVERSITY

1, Nathibai Thackersey Road, Mumbai-400 020

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E-TENDER DOCUMENT PREPARED FOR PROCUREMENT OF EQUIPMENT FOR THE ELECTRONICS HUB

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TENDER SCHEDULE

PROCUREMENT OF EQUIPMENT FOR THE ELECTRONICS HUB REQUIRED AT USHA MITTAL INSTITUTE OF TECHNOLOGY, MUMBAI

Sr. No.	Critical Activities	Date& Time
1.	Publish Date	14 th November 2025 12.00 noon
2.	Document download /Sale Date	14 th November 2025 12.00 noon
3.	Bid Preparation	14 th November 2025 12.00 noon
4.	Pre bid meeting	18 th November 2025 at 11.00 am at the Office of the Principal, Usha Mittal Institute of Technology, Santacruz (W), Mumbai-400 049. Interested bidders may visit for the discussions.
5.	End Date & Time Bid Submission	5 th December 2025 at 6.00 pm
6.	Bid Opening	9 th December 2025, 11.00 am at the SNTT Women's University, Churchgate, Mumbai.

E-Tender Notice
for the procurement of equipment for the Electronics Hub

SNDT Women's University invites e-tender for the selection of suppliers for the procurement of equipment for the Electronics Hub from interested and qualified suppliers, dealers and manufacturers. For the detailed tender document interested bidder must visit- <https://mahatenders.gov.in>.

The filled in tender must be submitted on-line as per the schedule of activities declared separately. Any extension of tender, corrigendum or change in schedule will not be published in the newspaper. It will be published only at the web portal <https://mahatenders.gov.in>


Dr. Vilas Nandavadekar
Registrar
SNDT Women's University



DISCLAIMER

Important Instructions Regarding the E-Tendering Process

A detailed schedule of the various activities related to the e-tendering process is provided in this e-tender document under the section titled “Tender Schedule.”

SNDT Women’s University shall not be responsible for any loss or inconvenience arising from the temporary unavailability of the website due to technical issues at any point of time.

Bidders are advised to strictly adhere to the schedule of the e-tendering process and complete all related activities well in advance to avoid any last-minute difficulties caused by unforeseen technical problems, if any.

SNDT Women’s University shall not be held liable for any incomplete submission or failure of the bidder’s e-tendering activities due to technical errors, website failures, or connectivity issues. Such instances shall not be subject to appeal, arbitration, or legal proceedings in any court of law.



Instructions for filling the E-Tender

Invitation for E-Tender

The Registrar, SNDT Women's University, Mumbai, invites e-tenders for the procurement of equipment for Electronics Hub for the Usha Mittal Institute of Technology (UMIT), Mumbai.

Procedure for Submission of Tender

Registration on the Portal:

All eligible and interested bidders are required to register and enroll on the Government of Maharashtra e-Tendering Portal at <https://mahatenders.gov.in> before downloading the tender documents and participating in the e-tendering process.

Submission Mode:

The tender shall be submitted online only, under a two-bid system, consisting of:

- Technical Bid
- Financial Bid

Bill of Quantity (BOQ):

The BOQ shall be submitted in the prescribed Excel format and must be inclusive of all applicable taxes.

Specifications:

The detailed technical specifications of the equipment for the Electronics Hub are given separately.

Technical Bid:

The bidder shall scan and upload all required documents online under the Technical Bid section. The first page of the Technical Bid must compulsorily include the cover page listing all enclosed documents.

All uploaded documents must be valid, legible, and self-attested by the bidder. Non-submission of any mandatory document may result in rejection of the Technical Bid.

If a bidder fails to upload the essential documents within the stipulated time on the web portal, the bid shall be rejected without further consideration.

Each document submitted online, must be self-attested by the bidder.

Pre-requisites:

- a. Minimum turnover (average of earlier 5 financial years): **Rs. 16.00 Lakhs**
- b. Experience of supplying at least three educational institutions/University/organizations etc.

3. Financial Bid:

A technical bid shall be opened first in the presence of the committee members. The financial bid of the bidders, who had qualified all the pre-requisites of the technical bid requirements, will only be considered for the participation in the financial bid. Financial bid should be submitted online by the Bidder in the form of BOQ excel sheet made available at the web portal – <https://mahatenders.gov.in>.

Bidders are requested to fill up the column of rate per unit offered by them for supplying of equipment for the Electronics Hub as per the specification mentioned in e tender.

Bidder should have the valid digital signature certificate (DSC) obtained from any Certifying Authority. Bidders are requested to go through the documents, terms and conditions mentioned in e-tender before the submission of tender documents on the e-portal.

It is mandatory to follow the timeline in respect of tender schedule published by the University. All the online activities are time tracked and the electronic tendering system enforces time-locks that ensure that no activity or transaction should take place outside the start and end dates and time as declared in the tender schedule.

The rates (including all taxes) should be quoted for the specifications of the equipment required for the Electronics Hub.

The University reserves the right to decide whether to open or not open the technical bid and/or the financial bid if such a situation arises due to unavoidable circumstances.

Appropriate communication with all eligible bidders shall be done by the University. The objection of any bidder shall not be entertained on any ground what so ever it may be regarding this issue.

1. The rate quoted in BOQ form must be inclusive of GST and all eligible taxes applicable as per prevailing rules and regulations.
2. The University reserved the right to accept/cancel any or all tenders without assigning any reason thereof.
3. The accepted tender rates will stand good till the end of the agreement period and no hike in the said accepted rates will be entertained during the period of the agreement.

Evaluation of Bids

Opening of Technical Bid:

The Technical Bid shall be opened first, and the evaluation will be carried out strictly in accordance with the technical requirements and eligibility criteria specified in this e-tender document.

Qualification for Financial Bid:

It is mandatory for bidders to fulfill all pre-requisite and qualifying conditions mentioned in the tender document to become eligible for participation in the Financial Bid opening process.

Only those bidders who qualify in the Technical Bid evaluation shall be shortlisted and considered for the Financial Bid stage.

University's Rights:

The University reserves the right to accept or reject any service, product, or material that does not conform to the specifications or terms and conditions laid down in the tender document. Any payment corresponding to such defective or non-conforming services shall be deducted from the bills of the service provider.

Rejection of Incomplete Bids:

Tenders that are incomplete, unsigned, unclear, unreadable, or submitted partially shall be summarily rejected without any further correspondence or consideration.

Specifications of equipment for the Electronics Hub

Sr. No.	Technical Specifications	Acceptance to the Specification as placed at Annexure- A and agreed to supply with required quantity (write Yes/No only)	If marked "NO" in the column before, specify the deviation in specification of the Desktop Computers offered for the supply.
1	Digital Multimeters I Precision Industrial 4.5 Digit Multimeter Specifciation: Measuring Parameter: AC Current, AC Voltage, Capacitance, Conductance, DC Current, DC Voltage, Diode, Duty Cycle, Frequency,		



Resistance, Temperature DC Voltage:1000V
(Accuracy= $\pm(0.05\%+1)$) AC Voltage:1000V
(Accuracy= $\pm(0.7\%+2)$) AC Band Width:
20KHz DC Current:10 A
(Accuracy= $\pm(0.2\%+2)$) AC Current: 10 A
(Accuracy= $\pm(1.0\%+2)$) Resistance:50 M Ω
(Accuracy= $\pm(0.2\%+1)$)
Capacitance:9,999 μ F
(Accuracy= $\pm(1.0\%+2)$) Frequency:200KHz
(Accuracy= $\pm(0.005\%+1)$) Duty
Cycle:99.90% (Accuracy= $\pm(0.2\%$ per
kHz+0.1%)) Operating Temperature: 20 °C
to + 55 °C Warranty: As per Standards
Quantity: 01 Nos.

**II A Remote Display Automotive 4 Digit
Display Digital Multimeter Kit**
Specification: Measuring Parameter: AC
Current, AC Voltage, Capacitance,
Conductance, DC Current, DC Voltage,
Diode, Duty Cycle, Frequency, Resistance,
Temperature DC Voltage:0.1mV-1000V
(Accuracy= $\pm(0.25\%+2)$) AC Voltage:0.1-
1000V (Accuracy= $\pm(1.0\%+3)$) DC
Current:1mA-10 A (Accuracy= $\pm(1.0\%+3)$)
AC Current:1mA-10A
(Accuracy= $\pm(1.5\%+3)$) Resistance:0.1 Ω -50
M Ω Capacitance:1nF-9,999 μ F
Frequency:5Hz-50KHz Wireless Frequency:
2.4GHz ISM BAND 10 Meter range. Power:
AA batteries Three for main body; two for
display Temperature: -40 °C to + 400°C .
Quantity: 01 Nos.



	III. 4 Digit Display Digital Multimeter : Measuring Parameter: AC Current, AC Voltage, Capacitance, Conductance, DC Current, DC Voltage, Diode, Duty Cycle, Frequency, Resistance, Temperature DC Voltage:0.4mV-1000V (Accuracy=$\pm(0.5\%+3)$) AC Voltage:0.4mV-1000V (Accuracy=$\pm(1.0\%+3)$) AC Band Width:40Hz – 500Hz DC Current: 400μ-10 A (Accuracy=$\pm(1.5\%+3)$) AC Current: 400μ-10 A (Accuracy=$\pm(1.5\%+3)$) Resistance:400Ω-40 MΩ (Accuracy=$\pm(0.5\%+3)$) Capacitance:9,999μF Operating Temperature:0°C +40°C Warranty: As per Standards Quantity: 05 Nos.		
2	PCB Prototyping Machine Specification Ideal for • PCB prototyping • PCB assembly • Hands-on learning • Minimum trace width : 0.2 mm Print area : 128 mm x 116 mm x 3 mm XYZ resolution :10 μm x 10 μm x 1 μm Layer capacity : Double-sided PCBs Substrate thickness: 1-3 mm Substrates : Rigid: FR1 and FR4 Operating systems : Windows 7, 8, 10 (64bit) OSX 10.11+ File formats : Gerbers Connectivity : Wired USB 2.0 Quantity: 01 Nos.		
3	Infrared camera 160 × 120 (19,200 pixels) thermal resolution or 240 × 180 pixels (43,200 pixels) Thermal sensitivity: <0.06°C (0.11°F) /<60 mK at 30°C (86°F) Spatial resolution (IFOV): 3.7 mrad 1-Touch Level/Span contrast enhancement cloud		



	storage Extended temperature: 400°C/752°F image enhancement, Wi-Fi connectivity With Additional Battery Quantity: 01 Nos.		
4	Digital IC Tester Specification: Display: 6 Digit LED Display New Equipment Power Consumption: 12VA Voltage: 220V+/-10%, 50 Hz AC Quantity: 02 Nos.		
5	Linear IC tester Specification: • Tests a wide range of Analog IC's such Op-amp, 555 Timers · Tests a wide range of Transistor Arrays, Analog switches, Cross Point Switch · Tests a wide range of 8 bit ADC, 8 bit DAC Comparators · Test by: Truth table/sequence table comparison · ZIF: 28 pin DIP ZIF sockets · Keys: 20 Touch-keys Key pad with numerical & functional keys. · Display: 16x2 LCD Display · Audio alarm indication. · Supply Input Voltage: 230V AC Quantity: 01 Nos.		
6	5-Degrees Freedom of axis Robotics Arm with controller, Drivers, Wireless Interface, PC-USB Interface, manual operation, MATLAB, LabVIEW interface provision (Sr.No.130) 1. 5 Degree Freedom of Axis Robotics Arm Specification: A mechanical arm based on the ESP32 series structure, including the clamping freedom of the gripper. This product has a total of 5 degrees of freedom, all of which are driven by a 30kg.cm high-torque ST3215 serial bus servo. Each servo can feed back the current joint voltage, position, current, temperature,		

load, and other information. And the big arm adopts a 1:3 reduction group with timing pulleys, which greatly improves the effective torque of the mechanical arm on the one hand, and can be used to avoid damage to structural parts caused by excessive loads on the other hand. 1. ESP32-WROOM-32 main controller 2. Servo control header 3. OLED screen 4. Download button 5. Reset button 6. Type-C port (Download/UART communication) 7. USB to UART circuit 8. RGB LED 9. 12V DC power jack 10. RGB LED extension port 11. Serial bus servo control circuit

Quantity: 01 Nos.

2. Open Source AI Robot Dog with ESP32
Controller Specification: MechDog is a tiny but powerful robot dog equipped with an ESP32 controller and 8 high-speed coreless servos. Its advanced inverse kinematics algorithms give it impressive agility and movement capabilities. Additionally, MechDog integrates expansion ports for PM-USHA New Equipment ultrasonic sensors, IMU sensors, and other sensors. It supports programming in Python, Scratch and Arduino. Extensive learning and development resources are provided to help you easily embark on the journey of robotic dog development! Open-Source ESP32 Main Controller Powerful Coreless Servo High-performance WiFi vision Module Glowpy Ultrasonic sensor Extensive



	Expansion Interfaces Aluminum Alloy Frame Removable Lithium Battery Quantity: 01 Nos.		
7	Controller Based System for Digital Power Electronics Applications Development: I/P & O/P Synchronization & PWM control, Current Sensor DC & AC (Hall effect), Voltage Sensing DC & AC, IGBT Compatible Inputs Quantity: 02 Nos.		
8	Inverter based System for power electronics application development: 5Kw, 3-phase supply, 30KhZ switching frequency, with water cooling system and induction coil up to 1200 Degrees, three phase annunciation and PID Temperature controller Quantity: 01 Nos.		
9	FPGA Development Board Quantity: 20 Nos.		
10	High end oscilloscope Specification: Bandwidth: 100MHz Analog Channels: 4 Digital channels: 16 Real Time Sample rate : 1 GSa/s(single channel), 500MSa/s(Dual channel), 250MSa/s(Full Channel) Memory depth: 12 Mpts, 24 Mpts(opt.) Waveform Acquisition rate: 30,000wfms/s(Max.) Offset range: 1 mv/div to 499mv/div:±2v 500 mv/div to 10V/div:±100V Vertical Resolution: 8 Bit Vertical Sensitivity Range: 1mV/div-10V/div Math: Add, subtract, multiply, divide, FET, editable. Quantity: 01 Nos.		

11	Variable power supply Specification: Triple output Bench power supply Power Output DC Output: 1. 0-6V ; 0-5A 2. 0-30V ; 0-1A 3. 0-30V ; 0-1A Load regulation $\pm$ (% of output + offset) Voltage :< 0.01% + 2 mV Current :< 0.2% + 10 mA Line regulation $\pm$ (% of output + offset) Voltage:< 0.01% + 2 mV Current:< 0.2% + 10 mA Quantity: 02 Nos.		
12	VLSI EMPYREAN ZENI EDA SOFTWARE Perpetual License Quantity: 01 Nos.		

PRE-BID MEETING FOR GETTING ANY CLARIFICATION ABOUT VARIOUS CONDITIONS MENTIONED IN THE TENDER DOCUMENT

- 1) The pre-bid meeting shall be held at the Principals Office of the Usha Mittal Institute of Technology, Mumbai, a conducted college of the SNDT Women's University, Mumbai located at the Juhu Campus of SNDT Women's University, Santacruz (W), Mumbai. for sorting out the queries (if any) for the prospective bidders as per the schedule declared in the e tender.
- 2) The representatives of the bidders may attend the pre-bid meeting at their own cost. The purpose of the pre-bid meeting is to provide a forum for the bidders to clarify their doubts / seek clarification or additional information necessary for them before submission of documents in respect of e tender.
- 3) All inquiries from the bidders related to e-tender must be discussed during the pre-bid meeting.
- 4) Clarification of all queries will be given during the pre-bid meeting. No separate communication shall be done in this regard. Any modifications to this tender document after the pre-bid meeting shall be uploaded on the e-portal in the form of corrigendum.
- 5) Any such corrigendum shall be deemed to be incorporated into this Tender. Date for the submission of documents shall be part of the corrigendum. It will get published on the web-portal <https://mahatenders.gov.in>.

No personal communications shall be carried out in this regard.

AMENDMENT OF BIDDING DOCUMENTS:

At any time prior to the deadline for the e - submission of bids, the University Authorities may for any reason, whether on its own initiative or in response to the clarification requested by bidders during the pre-bid meeting may modify, change, incorporate or delete certain terms and conditions in the bidding documents. Revised time schedule, (if required) as per the amendment shall be communicated to the prospective bidders through the web-portal <https://mahatenders.gov.in>.

The following points will be considered for short listing of bidders for the financial bid.

Company should be well conversant with supplying the Electronics Equipment for various organizations including the educational institutions etc. The average turnover of the organization for the last five years shall be Rs.16 Lakhs or above.

The bidder should participate as a single entity, no consortium or group of companies will be allowed. The service provider shall be the single point of contact with the university and shall be solely responsible for the execution and delivery of the work.

An affidavit shall be submitted mentioning that the bidder has never been blacklisted by any Government department /Government undertaking/ Public Sector Unit/ University/ Education Board /any other agency as per the details provided in the **Annexure-C**.

General Terms and Conditions of the Tender

1. Earnest money deposit and the cost of tender:

Bidders are required to pay Rs. **20,000/-**(Rs. Twenty Thousand only) towards the earnest money deposit (Refundable) and **Rs.2,000/-** (Rs. Two Thousand only) towards the tender fee(Non-Refundable) through the net banking on the e-tendering website.

2. Security Deposit:

Shortlisted bidder is designated as the service provider. After the decision in respect of the suppliers of the Electronics Equipment, the decision will be communicated to the concerned vendor by Usha Mittal Institute of Technology, Mumbai.

3. Conditional E-tender shall be out rightly rejected.

4. Payment:

After the completion of the process to supply of equipments, the payment shall be released on the recommendation of the Principal, Usha Mittal Institute of Technology, Mumbai.

5. Validity of Tender:

Tender offer must be valid for a period of a minimum of 120 days from the date of opening of the commercial/financial bid.



6. Jurisdiction:

The court at Mumbai alone will have the jurisdiction to try any matter, dispute or reference between parties arising out of this tender /contract. The University reserves the right to accept or reject any or all the tenders from any or all the parties without assigning reason thereof.

Technical Bid:

The following documents are required to be submitted on-line under technical bid.

- The Company/Firm/Holding Company should have experience in respect of the supply of the electronic equipments. There should be a valid copy of Company / Firm/ Holding Company Registration Certificate.
- The bidder should provide audited balance sheets for the last three financial years.
- Declaration Certificate regarding Clean Track Record on Company /Firm's letter head containing the following information.

“This is to certify that [Name of the Company/Firm], having its registered office at [Address], has a clean track record and has **not been blacklisted, debarred, or declared ineligible** by any Government Department, Public Sector Undertaking, Autonomous Body, or any other agency in India or abroad for any reason whatsoever.

We further declare that there are **no pending cases of corruption, fraud, or unethical business practices** against our Company/Firm.

We hereby confirm that the above information is true and correct to the best of our knowledge and belief. In case any information furnished above is found to be false or misleading at any stage, [Name of the Company/Firm] shall be liable for appropriate action as deemed fit by the concerned authority.”

- Valid copy of the GST Registration
- Copy of the Permanent Account Number (PAN).

Additional Terms and Conditions (ATC)

1. General Information and Guidelines

- a) The Tender Inviting Authority (TIA) SNDT Women's University, 1, N. Thackersey Marg, Mumbai, invites bids from eligible bidders as per the Scope of Work.
- b) The TIA reserves the right to extend the Term on mutually agreed terms at the sole discretion of the TIA, subject to any obligations under applicable law.
- c) All terms and conditions supplied by the bidders may be treated as contractually binding on the bidders, on the successful award of the assignment by the TIA based on this Bid document.
- d) No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of the TIA. Any notification of preferred

bidder status by the TIA shall not give rise to any enforceable rights by the bidder. The TIA may cancel this public procurement at any time prior to a formal written contract being executed by or on its behalf.

- e) This tender document supersedes and replaces any previous public documentation & communications, and the bidders should place no reliance on such communications.
- f) All figures of costs, project values and others should be mentioned in Indian Rupees only.
- g) Scope of Work: Supply and installation of Electronics equipments as per specification mentioned in Annexure – E, at the following location -:

1. Usha Mittal Institute of Technology, SNDT Women's University, Juhu-Tara Road, Sir Vitthaladas Vidyavihar, Santacruz(W), Mumbai 400049

All required cost for supply and installation shall be borne by successful bidder.

- h) Validity of Bid: 180 days from opening of Technical Bid.
- i) The bidder shall quote for the product as per the requirements of the tender documents.
- j) The bidder should make provisions for all taxes, duties, charges and levies as applicable while supplying INSTRUMENTS.
- k) The prices, once offered, must remain fixed and must not change for any reason whatsoever within the period of the validity of the bid and the contract. No revision of the fee shall be made on account of any variations in costs of labour and equipment, currency exchange fluctuations with international currency or any other cost component affecting the total cost in fulfilling the obligations under the contract. A bid submitted with an adjustable price quotation or conditional bid shall be rejected as non- responsive.
- l) The prices quoted by bidder should be less than or equal to the estimated price mentioned in the tender. The bid will be rejected, if price quoted are found higher.
- m) All costs incurred due to delay of any sort, which is attributable to the bidder, shall be borne by the bidder.
- n) The Contract will be signed as per tender document, after selection of successful bidder. In lieu of the same, the successful bidder will have to execute an agreement on a non – judicial stamp paper as per Stamp Act, 1958 (amended later) in favour of the SNDT Women's University, 1 N. Thackersey Marg, Mumbai.
- o) If the successful bidder fails to execute the agreement and if applicable, payment of Performance Security within the time specified or withdraws the tender or if the successful bidder is unable to undertake the contract, the Earnest Money Deposit of the successful bidder shall stand forfeited. Such bidder(s) will also be liable for all damages sustained by the TIA



by reasons of breach of tender conditions. Such damages shall be assessed by the TIA whose decision shall be final.

- p) If the Bidder fails to supply the goods on account of Force Majeure, the contract for indented quantity stands cancelled between Bidder and SNDT Women's University, 1 N. Thackersey Marg, Mumbai.
- q) SNDT Women's University, 1 N. Thackersey Marg, Mumbai. will not be liable to any risk and cost, whatsoever, consequent upon such cancellation of the contract.
- r) Time is Essence for Delivery: - The time or date for delivery of the Materials as stipulated in the Delivery Schedule is the essence of the contract and delivery must be completed not later than the time or date as specified.
- s) Physical visits to the office of buyer will not be entertained. Representations and Objections will be answered only through Government e-Marketplace Window.

2. Qualification Criteria for the Bidder:

The bidders shall fulfill all the following eligibility criteria independently, as on the date

Sr. No	Parameters	Description	Supporting Documents
1.	Experience	1.The bidder should be a Society/company registered under Societies act 1860 & 1950/ Indian Companies Act, 1956 or as amended Partnership Firm/or Proprietorship firm with their registered office for the last Five (5) years. 2.The bidder must have functional office in Maharashtra with dedicated technical & maintenance staff.	• Copy of Certificates of incorporation, Articles & Memorandum of Association (AOA & MOA) - OR • Registered Partnership deed - OR • Shop Act Licenses - As applicable



2.	Bidder Turnover – 3 Yrs / OEM Turnover – 3 Yrs	1.a) Bidder Minimum Average Annual Turn Over (MAAT) in India in last three financial years (2021-22, 2022-23, 2023-24) – Avg. Turnover Rs.16.00 Lakhs. b) OEM Minimum Average Annual Turn Over (MAAT) in India in last three financial years (2021-22, 2022-23, 2023-24) – Avg. Turnover Rs.16.00 Lakhs. 2.Financial statement 3. EMD in the form of Demand Draft should be submitted to the Office of Registrar, SNDT Women's University, 1 N. Thackersey Marg, Mumbai within 3 days of bid opening. Failure to submit the same shall be liable to Dis-Qualification in Technical Bid.	1. Turnover Certificate of Bidder and OEM from Chartered Accountant with UDIN number. 2. The Audited Balance Sheet and Profit & Loss statement of bidder (2021-22, 2022-23, 2023-24) 3. Any other Supporting Document
3.	Bidder GST	The bidder must have in its name, a valid GST Registration Certificate & GST Clearance certificate from Jan 2025 to March 2025 by Department or certified by Chartered Accountant with UDIN No. Bidder should be a registered GST Supplier from Maharashtra FOR the same products	Supporting Document
4.	Bidder Financial Standing	1.The bidder must submit Income Tax Return (ITR) of AY (2021-22, 2022-23, 2023-24) 2.PAN	Supporting Document
5.	Non-Black listing	Undertaking on letterhead, regarding the firm has not been found guilty of malpractice, misconduct or blacklisted/debarred either by any department Government of Maharashtra or by any local authority and any other state	Undertaking for non-blacklisting on 500 Rs Stamp and original Hard Copy of the Bond Needs to be Submitted to the Office of Deputy Registrar Establishment



		government/Central Government Organizations in past 3 years.	Section, First floor, Annexe Building, SNTD Women's University, 1 N. Thackersey Marg, Mumbai, within 3 days of the bid opening. Failure to submit the same shall be liable to Dis-Qualification in Technical Bid
6.	Work Experience	The Bidder / OEM shall have a proven track record of supplying a minimum of three (03) similar orders of electronic equipment to Government Departments, Public Sector Undertakings, or reputed organizations The experience should be related only to supply of INSTRUMENTS works from Central /State Government Organization /PSU /Local Bodies in last three financial years.	Copy of Work Order/CRAC and Client certificate signed by a competent authority clearly stating the start and end date of the project along with the project cost. For experience, this criterion shall be considered
7.	Annexure	All the Annexure to be submitted on bidder letter head signed by the competent authority.	A, B, C, D, E,F and G

Note on the qualification criterion

1. Bidders must quote for all items. Part bidding is not allowed.
2. Bidder and OEM should not be blacklisted / banned / debarred with any Govt. / Research / PSU Organization / GeM Portal.
3. Bidders should submit customer credentials which clearly state that the bidder have sufficient knowledge and expertise for installation of scientific applications.
4. Bidder should submit a minimum of 3 number of similar PO of Electronic Equipment supplied by them in the last 3 financial years.
5. Warranty – 3 Years On-Site Comprehensive Warranty.
6. Bidder/ OEM shall maintain all the necessary spare parts for faster response.
7. Bidder/ OEM should have authorized service centre in Mumbai and Mumbai Suburban areas including a team of FSE (Field Service Engineers) for timely response (within 48 hours of

raising complaint) and resolution of any complaints logged. Bidder/ OEM must submit details of the service centers along with a list of technically qualified engineers who can handle HPC Cluster Solutions.

8. Bidders must quote for latest generation hardware only. CPUs should be of 5th or later generations.

3. Disqualification

The bid is liable to be disqualified in the following cases or in case the bidder fails to meet the requirements as indicated in this tender document:

1. The bid is not submitted in accordance with the procedure and formats prescribed in this document shall be treated as non-conforming bid.
2. During the validity of the bid, or its extended period, if any, the bidder increases the quoted prices.
3. The bidder qualifies the bid with own conditions.
4. The bid is received in an incomplete form by all the requisite documents, or the bidder has quoted only for a part of the project.
5. The information submitted in the technical bid is found to be misrepresented, incorrect or false, accidentally, unwittingly or otherwise, at any time during the processing of the Contract (**no matter at what stage**) or during the tenure of the Contract including the extension period, if any.
6. The Commercial bid is enclosed with the technical bid.
7. The bidder tries to influence the bid evaluation process by unlawful / corrupt / fraudulent means at any point of time during the tender process.
8. In case any one bidder submits multiple bids or if common interests are found between two or more bidders, the bidders are likely to be disqualified,
9. Any form of canvassing / lobbying / influence / query regarding short listing etc. will be treated as disqualification. While evaluating the bids, if it comes to the TIA's knowledge expressly or implied, that some bidders may have colluded in any manner whatsoever or otherwise joined to form an alliance resulting in delaying the processing of bid, then the bidders so involved are liable to be disqualified for this Contract as well as for a further period of four years from participation in any of the tenders floated by the TIA.
10. If the Technical bids contain any information on price, pricing policy, pricing mechanism or any information indicative of the commercial aspects of the bid.
11. Compliance of Restrictions under Rule 144 (xi) of GFR 2017: Restrictions on procurement from a bidder/OEM of a country which shares a land border with India are applicable.



3. Bills and Payments

The Bidder after receiving work order with designated locations for supply of Material, he shall supply such items accordingly **within 30 days** from the date of work order. The Bidder shall submit acknowledgement of delivery Challan and installation report duly signed and verified by concerned Head of Office along with laboratory test report of product as per Government Resolution (Dated 01.12.2016) after which **100 %** of the amount shall be paid after the Testing (Testing fee shall be borne by successful Bidder) after the verification of 10% random sample checking by Departmental Authority.

4. Penalty Criteria:

The Bidder fails to supply within stipulated time, then a penalty as per the Industry Department G.R. 01/12/2016 shall be applied as below. And the minimum limit of such penalty will be as below-

Category of Stores	Penalty Amount
In case of an order of Rs.2.00 Lakh and above	At the rate 1/2% per week subject to maximum limit of 5%

- a. Penalty will be imposed on Bidder, if found any defects in the supplied commodities and the cost will be deducted based on quoted price by the concerned Bidder on Pro Rata basis.

5. Governing Law

The Contract shall be governed by and construed in accordance with the laws and by-laws of India, the State of Maharashtra and the local bodies in District. All disputes arising under or in relation to this Agreement shall be subject to jurisdiction of the Courts in Mumbai, only to the exclusion of other courts. If the event of any dispute arises out of the contract regarding the interpretation, meaning and breach of the terms of the contract, the matter shall be referred (as per the Arbitration and conciliation Act, 1996 of Government of India or any statutory modifications or re-enactment thereof) to the sole arbitration to be appointed by Mumbai. SNDT Women's University, 1 N. Thackersey Marg, Mumbai. The award of the arbitrator shall be final and binding on both the parties. The Mumbai courts shall have jurisdiction for any disputes and the venue for arbitration shall be Mumbai.

The Bidder shall comply and abide in all respects with the provisions of all statutes, Rules and Regulations applicable to the Bidder's employees, labour and workers and to its sub-Bidders including but not limited to the Minimum Wages Act, Employee State Insurance Act 1948, Employees Provident Fund and Miscellaneous Provisions Act 1952, Payment of Bonus Act 1972, the Contract Labour (Regulation & Abolition) Act 1970, Workmen's Compensation Act, Payment of Wages Act, and the Rules made there under.



Permits, Fees, Taxes

Unless otherwise provided in the contract documents, the Bidder shall secure and pay for all permits, Government fees and licenses necessary for the execution and completion of the works. The Bidder shall pay all duties including GST, Service tax, works contract tax, local taxes, Income tax and other taxes and any other levies required by law including all taxes. SNDT Women's University, 1 N. Thackersey Marg, Mumbai, authorities will not take any responsibility of refund of such taxes/fees and in case of disputes between taxing authority and the Bidder, SNDT Women's University, 1 N. Thackersey Marg, Mumbai and its officers shall be indemnified by the Bidder. Any violation, in the legal provisions of taxes, duties, permits and fees, carried out by the Bidder and detected subsequently shall be the sole responsibility of the Bidder and his legal heirs. Further SNDT Women's University, 1 N. Thackersey Marg, Mumbai shall not honour any claim arising out of any increase in any of the prevailing statutory duties, taxes, levies etc. as the same are inter-alia covered under the Price Variation Clause. At the time of quoting /bidding Bidder should bear the above fact in mind.

Note: -

- A. Govt. Resolutions of Industries, Energy, Labour Department Dt. on: - 01/12/2016 of Appendix 4(B) Paragraph 4.4.1 will be applicable for this Bid regarding: -
1. Risk Purchase
 2. Fall Clause
 3. Force Majeure Clause
- B. Stamp Duty as per rule will be paid by the L1 Bidder at the time of Agreement.



Information of the Bidder

Annexure-A

Sr. No.	Particular
1	Name of the Bidder
2	Registered Office Address, Telephone number and the E-mail ID
3	Correspondence /Contact Address .Details of contact person-name, designation, address, mobile no and e-mail ID.
4	Type of the Organization: (Proprietary/Partnership/Pvt. Ltd./PSU/Govt./Public Ltd)
5	Year of establishment and Experience in business(In number of years)
6	Annual Turnover details
7	Audited balance sheets (Attached)
8	GST Registration No.
9	PAN Card No.
10	Details of the Bank Title of the bank Account: Name of Bank :Type of Account Account Number :IFSC Code : MICR Code :
11	Capacity in which bid is signed by the bidder on each page of the tender.(Proprietor/Partner/Director)

Signature and Seal of the Bidder



Annexure-B

Certificate of the Annual Turn Over

Sr.No.	Financial year	Annual turnover (In Lacs)

Seal & Signature of the Bidder

Seal and signature of the Chartered Accountant



Annexure-C

**DECLARATION REGARDING
BLACK LISTING /DEBARRING FOR PARTICIPATION IN TENDER**

(To be executed & attested by Public Notary/ Executive Magistrate on Rs.500/-non judicial Stamp paper by the bidder)

I/We _____Manufacturer/ Partner(s) /Authorized Distributor/Agent of M/S. _____hereby declare that the firm/company namely M/s. ----- has not been blacklisted or debarred or any criminal cases or inquires pending against our company by Union / State Government / Public Sector Unit/University or Education Board or by any other organization.

In case the above information is found false, I / we are fully aware that the tender/ contract will be rejected /canceled by the University and EMD shall be forfeited. In addition to the above, the University will not be responsible for paying the bills for any completed /partially completed work.

DEPONENT

Name _____

Address _____

Attested:

(Public Notary/Executive Magistrate)

Annexure-D

List of Clients

Sr. No.	Name and Address of Clients to whom computer tables are supplied by the bidder	Contact Number	Work order /Purchase order Reference Number and Date from University /Institution/Board Government Department/Any organization

Note: The above information should be submitted on the letterhead of the bidder.

Name, Signature and

Date: / /2025

Seal of the bidder

Annexure-E

**E-tender for the selection of service provider for the supply
of equipment for the Electronics Hub**

Bidder's Declaration-1

I hereby certify that I have gone through all the information, terms and conditions stipulated in the tender document and hereby confirm to abide by the same. I also certify that the rates quoted in financial/ commercial bid(BOQ) are comparable with the rate charged to any other Institution/ Department /Organization.

Signature:_____

Name of the signatory:_____

Name, Signature and

Seal of the bidder

ANNEXURE-F

Bidder's Declaration-2

I hereby certify that I have gone through all the information and terms and conditions stipulated in the bid document and hereby confirm that abide by the same.

Signature:-----

Name of signatory:-----

Seal of the bidder



ANNEXURE G
TECHNICAL SPECIFICATION

For equipment to be procured for the Electronics Hub

Sr. No	Details of required Technical Specifications	Compliance Yes/No
1	Digital Multimeters I Precision Industrial 4.5 Digit Multimeter Specifciation: Measuring Parameter: AC Current, AC Voltage, Capacitance, Conductance, DC Current, DC Voltage, Diode, Duty Cycle, Frequency, Resistance, Temperature DC Voltage:1000V (Accuracy=$\pm(0.05\%+1)$) AC Voltage:1000V (Accuracy=$\pm(0.7\%+2)$) AC Band Width: 20KHz DC Current:10 A (Accuracy=$\pm(0.2\%+2)$) AC Current: 10 A (Accuracy=$\pm(1.0\%+2)$) Resistance:50 MΩ (Accuracy=$\pm(0.2\%+1)$) Capacitance:9,999μF (Accuracy=$\pm(1.0\%+2)$) Frequency:200KHz (Accuracy=$\pm(0.005\%+1)$) Duty Cycle:99.90% (Accuracy=$\pm(0.2\%$ per kHz+0.1%)) Operating Temperature: 20 °C to + 55 °C Warranty: As per Standards Quantity: 01 Nos. ----- II A Remote Display Automotive 4 Digit Display Digital Multimeter Kit Specification: Measuring Parameter: AC Current, AC Voltage, Capacitance, Conductance, DC Current, DC Voltage, Diode, Duty Cycle, Frequency, Resistance, Temperature DC Voltage:0.1mV-1000V (Accuracy=$\pm(0.25\%+2)$) AC Voltage:0.1-1000V (Accuracy=$\pm(1.0\%+3)$) DC Current:1mA-10 A (Accuracy=$\pm(1.0\%+3)$) AC Current:1mA-10A (Accuracy=$\pm(1.5\%+3)$) Resistance:0.1Ω-50 MΩ Capacitance:1nF-9,999μF Frequency:5Hz-50KHz Wireless Frequency: 2.4GHz ISM BAND 10 Meter range. Power: AA batteries Three for main body; two for display Temperature: -40 °C to + 400°C . Quantity: 01 Nos.	

	----- III. 4 Digit Display Digital Multimeter : Measuring Parameter: AC Current, AC Voltage, Capacitance, Conductance, DC Current, DC Voltage, Diode, Duty Cycle, Frequency, Resistance, Temperature DC Voltage:0.4mV-1000V (Accuracy=$\pm(0.5\%+3)$) AC Voltage:0.4mV-1000V (Accuracy=$\pm(1.0\%+3)$) AC Band Width:40Hz – 500Hz DC Current: 400μ-10 A (Accuracy=$\pm(1.5\%+3)$) AC Current: 400μ-10 A (Accuracy=$\pm(1.5\%+3)$) Resistance:400Ω-40 MΩ (Accuracy=$\pm(0.5\%+3)$) Capacitance:9,999μF Operating Temperature:0°C +40°C Warranty: As per Standards Quantity: 05 Nos.	
2	PCB Prototyping Machine Specification Ideal for • PCB prototyping • PCB assembly • Hands-on learning • Minimum trace width : 0.2 mm Print area : 128 mm x 116 mm x 3 mm XYZ resolution :10 μm x 10 μm x 1 μm Layer capacity : Double-sided PCBs Substrate thickness: 1-3 mm Substrates : Rigid: FR1 and FR4 Operating systems : Windows 7, 8, 10 (64bit) OSX 10.11+ File formats : Gerbers Connectivity : Wired USB 2.0 Quantity: 01 Nos.	
3	Infrared camera 160 × 120 (19,200 pixels) thermal resolution or 240 × 180 pixels (43,200 pixels) Thermal sensitivity: <0.06°C (0.11°F) /<60 mK at 30°C (86°F) Spatial resolution (IFOV): 3.7 mrad 1-Touch Level/Span contrast enhancement cloud storage Extended temperature: 400°C/752°F image enhancement, Wi-Fi connectivity With Additional Battery Quantity: 01 Nos.	
4	Digital IC Tester Specification: Display: 6 Digit LED Display New Equipment Power Consumption: 12VA Voltage: 220V+/-10%, 50 Hz AC Quantity: 02 Nos.	

5	Linear IC tester Specification: • Tests a wide range of Analog IC's such Op-amp, 555 Timers · Tests a wide range of Transistor Arrays, Analog switches, Cross Point Switch · Tests a wide range of 8 bit ADC, 8 bit DAC Comparators · Test by: Truth table/sequence table comparison · ZIF: 28 pin DIP ZIF sockets · Keys: 20 Touch-keys Key pad with numerical & functional keys. · Display: 16x2 LCD Display · Audio alarm indication. · Supply Input Voltage: 230V AC Quantity: 01 Nos.	
6	5-Degrees Freedom of axis Robotics Arm with controller, Drivers, Wireless Interface, PC-USB Interface, manual operation, MATLAB, LabVIEW interface provision (Sr.No.130) 1. 5 Degree Freedom of Axis Robotics Arm Specification: A mechanical arm based on the ESP32 series structure, including the clamping freedom of the gripper. This product has a total of 5 degrees of freedom, all of which are driven by a 30kg.cm high-torque ST3215 serial bus servo. Each servo can feed back the current joint voltage, position, current, temperature, load, and other information. And the big arm adopts a 1:3 reduction group with timing pulleys, which greatly improves the effective torque of the mechanical arm on the one hand, and can be used to avoid damage to structural parts caused by excessive loads on the other hand. 1. ESP32-WROOM-32 main controller 2. Servo control header 3. OLED screen 4. Download button 5. Reset button 6. Type-C port (Download/UART communication) 7. USB to UART circuit 8. RGB LED 9. 12V DC power jack 10. RGB LED extension port 11. Serial bus servo control circuit Quantity: 01 Nos. ----- 2. Open Source AI Robot Dog with ESP32 Controller Specification: MechDog is a tiny but powerful robot dog equipped with an ESP32	

	controller and 8 high-speed coreless servos. Its advanced inverse kinematics algorithms give it impressive agility and movement capabilities. Additionally, MechDog integrates expansion ports for PM-USHA New Equipment ultrasonic sensors, IMU sensors, and other sensors. It supports programming in Python, Scratch and Arduino. Extensive learning and development resources are provided to help you easily embark on the journey of robotic dog development! Open-Source ESP32 Main Controller Powerful Coreless Servo High-performance WiFi vision Module Glowpy Ultrasonic sensor Extensive Expansion Interfaces Aluminum Alloy Frame Removable Lithium Battery Quantity: 01 Nos.	
7	Controller Based System for Digital Power Electronics Applications Development: I/P & O/P Synchronization & PWM control, Current Sensor DC & AC (Hall effect), Voltage Sensing DC & AC, IGBT Compatible Inputs Quantity: 02 Nos.	
8	Inverter based System for power electronics application development: 5Kw, 3-phase supply, 30KhZ switching frequency, with water cooling system and induction coil up to 1200 Degrees, three phase annunciation and PID Temperature controller Quantity: 01 Nos.	
9	FPGA Development Board Quantity: 20 Nos.	
10	High end oscilloscope Specification: Bandwidth: 100MHz Analog Channels: 4 Digital channels: 16 Real Time Sample rate : 1 GSa/s(single channel), 500MSa/s(Dual channel), 250MSa/s(Full Channel) Memory depth: 12 Mpts, 24 Mpts(opt.) Waveform Acquisition rate: 30,000wfms/s(Max.) Offset range: 1 mv/div to 499mv/div:±2v 500 mv/div to 10V/div:±100V Vertical Resolution: 8 Bit Vertical Sensitivity Range:	

Tender No.: SNTWU/PURCHASE/2025-26/

	1mV/div-10V/div Math: Add, subtract, multiply, divide, FET, editable. Quantity: 01 Nos.	
11	Variable power supply Specification: Triple output Bench power supply Power Output DC Output: 1. 0-6V ; 0-5A 2. 0-30V ; 0-1A 3. 0-30V ; 0-1A Load regulation $\pm$ (% of output + offset) Voltage :< 0.01% + 2 mV Current :< 0.2% + 10 mA Line regulation $\pm$ (% of output + offset) Voltage:< 0.01% + 2 mV Current:< 0.2% + 10 mA Quantity: 02 Nos.	
12	VLSI EMPYREAN ZENI EDA SOFTWARE Perpetual License Quantity: 01 Nos.	

Note: The above chart should be submitted on the letterhead of the OEM/ Dealer/
Distributor/bidder with name, signature, and seal of the OEM/Dealer