


**GOVERNMENT OF MEGHALAYA
OFFICE OF THE SHILLONG GOVT. COLLEGE OF ENGINEERING,
SHILLONG**

SHORT NOTICE INVITING TENDER

Sealed tenders affixing Court fees of Stamp of Rs. 50/-(Rupees Fifty)only in two cover bid system, i.e. technical and financial bids separately from the authorized Original Equipment Manufacturers (O.E.Ms.), Authorized Distributors/ Authorised Dealers/Suppliers along with an Earnest Money Deposit(E.M.D) of 75,000/- (Rupees Seventy-Five Thousand) only in the form of D.D in favour of The Additional Director, Polytechnic & Shillong Engineering College, Shillong are invited for "Purchase of computer, Central UPS and other peripherals for Multimedia Lab and Computing Lab" as per Annexure-I (Technical Specifications). The Tenders will be received up-to 3 P.M on 05/05/2025 and the tender shall be opened on the same day at 4 P.M in the Office of the undersigned.


Additional Director,
Polytechnic & Shillong Engineering College
Shillong

Memo No. SHP/PUR-1/2024-25/ 42 Dated Shillong the 24th Apr. 2025

Copy to:

1. The Director, Directorate of Higher & Technical Education, Meghalaya, Shillong for kind information and necessary action.
2. Purchase Committee, Shillong Polytechnic, Shillong
3. The college Notice Board
4. Institute's Website Notices: <https://shillongpolytechnic.com/>
5. ☒ Office File


Additional Director,
Polytechnic & Shillong Engineering College
Shillong

TERMS AND CONDITIONS:


1. All pre-bid queries should reach the office of the undersigned or via email principalshp@gmail.com before 5 P.M on 28th April 2025. Any query after the deadline will not be entertained. Queries will be accepted **ONLY** in the format as specified below.

Sr. No	Bid Document Reference (Section & Page No.)	Content of Bid Document Requiring Clarification	Points of Clarification

- A pre-bid meeting will be convened at 11:00AM on 1st May 2025, whereby any 1(one) representative of the firm/agency can attend for queries/clarifications before the Purchase Committee. Subsequently, a corrigendum will be published on 2nd May 2025, for any additions/deletion to the bid document, if any. The decision of the Purchase Committee will be final in this matter.
2. The lowest price against all items combined will be taken into account for selection of the bidder.
 3. The bidder shall submit the **Financial Bid** as per **Annexure-II**.
 4. The bidder must submit the following a) Certified copy of PAN Card. b) Valid GST Registration Certificate. c) GST returns for the last quarter. d) Bidders exempted from any taxes or licenses must submit clear certified photocopies of those certificates/licenses. e) Tender specific Manufacturer 's Authorization Form (MAF) from the principal company or OEMs mentioning the tender number.
 5. Bidder must give proper Compliance Statement for the items quoted as per the **Technical Specifications (Annexure-I)** along with the Make and Model number of the items quoted.
 6. The Bidder must also enclose a self-declaration Certificate/Undertaking stating that the firm/company/business entity is not blacklisted by any Government Department/ Autonomous Organization etc. or prosecuted by any court of law.
 7. Warranty should be for comprehensive for 3 years or more unless stated otherwise and should be indicated clearly in the bid document.
 8. The name of Service Centre along with contact details of at least 2 (two) Service Engineers that will cater to any after sales service related matter should be enclosed in the Tender Document.
 9. Rates should be valid for one year from the date of finalization of the Tender.
 10. Rate should be quoted in both figure and words inclusive of all inevitable taxes, transportation charges & other service charges, if any
 11. The rate should be quoted strictly as per given specifications.
 12. Rates should be Free on Road (FOR) Shillong and should be indicated clearly in the bid document.
 13. The successful bidder shall be required to submit a Valid Trading License within 30 days of placement of Supply Order.
 14. Items should be delivered within 2 weeks from the date of issue of the Purchase Order.
 15. Materials must be supplied with delivery challan.
 16. Payment will be made on presentation of bills in triplicate after successful completion of Supply, Installation and Inspection.
 17. The supplier will remain responsible for any defect arising out of defective or improper materials or workmanship in the work during period of warranty and they

shall be bound to make good the same at their own cost or in case of failure to do so, the purchaser may cause the same to be made good by other alternative agency and deduct the expense from any sum that may be due and any time thereafter may become due to the supplier or from performance security. The maximum downtime during warranty period should not be more than a week from the time the complaint is lodged.

18. Supplier should have a working service centre with minimum 2(two) service engineers stationed in Shillong. In case it is not available the bidder should give an undertaking that if the firm is selected as the lowest bidder L1 then they will open such a service centre within 1 month of awarding the contract.
19. Service should be provided within 3 days from the report of technical problem so that machine down time is minimized. In case, the Equipment/System remains non-operational for more than 20 days, then warranty period will be extended for the equivalent period for which Equipment/System remained non-operational. Warranty extension in such case shall be done without prejudice to any other term & condition of the contract.
20. The Security Deposit will be forfeited if above terms and conditions are not complied with, without assigning any reason. Except the selected lowest bidder, earnest money of the other bidders will be refunded within 30 days from the date of finalization of tender. Security deposit of the lowest selected bidder shall be adjusted with his claimed bills in subsequent period.
21. The undersigned reserves the right to reject or accept part or full quotation including the lowest one without assigning any reason.
22. Any tender not complying with required terms & conditions as stated above will be treated as informal.
23. Notwithstanding anything else contained to the contrary in this document, the O/o the undersigned and the Purchase Committee reserves the right to cancel/ withdraw/ modify fully or partially the 'Invitation for Bids' or to reject one or more of the bids without assigning any reason thereof, and, shall bear no liability whatsoever consequent upon such a decision. Further, in case of any disputes in matters related to this NIT, the decision of the Purchase Committee shall be final and binding.
24. The purchase order may vary in respect to the funds allotted by the Government against the tender.



Additional Director,
Polytechnic & Shillong Engineering College
Shillong

TECHNICAL SPECIFICATIONS

S.No	Particular	Min. Specification	Units
1	Desktop Computers	Desktop Form Factor Tower Chassis Standard Chassis Chipset Intel H670 Processor Intel Core i5-13400 (up to 4.6 GHz with Intel® Turbo Boost Technology, 20 MB L3 cache, 10 cores, 16 threads) Memory 16 GB DDR4 3200MHZ Storage 512 GB PCIe NVMe M.2 SSD Graphics Intel UHD Graphics 730 Operating System Windows 11 Home Networking Integrated 10/100/1000 GbE LAN Wireless Connections Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi and Bluetooth 5 wireless card Front Ports: "4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo I/O Port location" Rear Ports 4 USB 2.0 Type-A; 1 audio-in; 1 audio-out; 1 RJ-45 Slots 2 M.2; 1 PCIe x16; 1 PCIe x1 Video connectors 1 VGA; 1 HDMI-out 1.4b Keyboard USB Wired Keyboard, Same make as OEM of desktop Mouse USB Optical Wired Mouse, Same make as OEM of desktop Power Supply 180 W Gold efficiency power supply Security Kensington Security lock slot Certifications ISO for OEM: ISO 9001,14001,20001,27001 for OEM, Service centre in meghalaya with documentary proof Display 19.5" FHD Monitor with standard warranty Warranty 3 Years warranty for desktop	60
2	10kVA UPS	10KVA ONLINE UPS SYSTEM WITH 90 MINUTES BACKUP 10KVA True Online UPS double conversion UPS with DSP based technology ,IGBT Based rectifier Cum Inverter , Parallel Capacity Up to 4 Units for redundancy and Load expansion Nominal Input Voltage : 200/ 208/ 220/ 230/ 240 VAC (Single Phase 2Wire+Ground) Input Voltage Range : 175-280VAC @ 100% Load iTHD Should be < 3% Output Power Factor : Unity (1.0) Output voltage Regulation : ±1% Overall AC to AC Efficiency 95.5% or Better Provide both onsite & remote EPO to shutdown UPS. REPO Port with a user-supplied switch Multi-connectivity interface should be available - RS485 Port, USB/RS232 Port, Dry contact Output terminal Connection : Terminal x1, Programmable terminal x1 VAH Required Minimum 19200 for 90 Minutes Battery Backup ,Type of Battery : VRLA SMF Minimum Bus Voltage : 192VDC Charging Current : Should be 1A to 8A (Field Settable) Should have Intelligent Battery Management to extend battery life & maximise battery performance Including Battery Ageing Detection UPS should be compatible with VRLA SMF as well as Lithium	2

S.No	Particular	Min. Specification	Units
		Battery SMF Battery Make : Exide/Quanta Noise Level : Less than 50dBA Form Factor : 2U Size LCD Graphical Display (Field-Rotatable as per desired mounting direction) Ingress protection : IP 20 Mandatory Certification (to be furnished with tender) ISO -9001:2015, ISO 14001: 2015, ISO 45001: 2018, ISO 14064-1:2012, ISO/IEC 27001: 2013 RoHS, CE & UL Certified UPS OEM should have NABL certified Calibration Test Lab in India Product Safety : EN 50091-2:1995, Class A, ESD:IEC61000-4-2: level4, EFT: IEC61000-4-4:level4, RS : IEC61000-4-3: level3, SURGE: IEC61000-4-5:level4, CS: IEC61000-4-6: level3, Conducted Magnetic Field:IEC61000-4-8: level3 Warranty- 3 Years on UPS & 2 years on Battery from the date of Installation & Commissioning UPS datasheet along with Manual should be available in OEM website. UPS OEM SHOULD HAVE PAN INDIA LOCATION DEDICATED ACTIVE TOLL FREE No. FOR SERVICE CALL LOGGING & RESOLUTION SUPPORT SYSTEMS	
3	Smart Board	75" Interactive Flat Panel (inbuilt camera) with OPS DISPLAY Display Size 75-inch-class {74-1/2 inch (189.3cm)diagonal} TFT LCD Max. Resolution 3840 x 2160 Pixels Max. Display Colours (approx.) 1.07billion (8bit + FRC) Pixel Pitch (H x V) in mm 0.4296(H) x 0.4296(V) Max. Brightness (standard value) Minimum 400 cd/m2 Contrast Ratio 1,200 : 1 (typical) Viewing Angle (H/V) 178°(H) / 178°(V) Active Screen Area (W x H) (approx.) in mm 1649.66(H)x927.936(V) Response Time 8ms (typical) Backlight D-LED TOUCH SPECIFICATION Touch Technology IR method Multi Touch 40 Points Surface Protection 3.2mm Toughened Glass Response Time ≤ 10ms Touch Pen / Stylus Passive Pen – 2 qty with both 2.8 mm & 8 mm thickness ends SYSTEM CPU 4 Cortex A73(quad core) with Max 2.2GHz + 4 Cortex A53(quad core) with 2.0GHz GPU MaliG52 MP8 Memory & Internal Storage 4 GB RAM or better, 32 GB ROM or better OS Android 11 and above Power Requirements AC 100 V ~ 240 V, 50/60 Hz Power Consumption Without OPS 300W maximum Input Front Public USB (front) 3.0x2, Type C x 1 (front) Rear HDMI x2, DP x1, Type C, VGA x1, LAN x2, Audio x1,	1

S.No	Particular	Min. Specification	Units
		MIC x1, Touch-USB x3, RS232 x1, USB 2.0 x1, USB3.0 x2 Output Rear S/PDIF x1, Audio x1 OPS CPU Intel Alder Lake Core i5 12450H 12th Gen, 8 GB DDR4 SODIMM RAM (upgradable to 32 GB), Storage: 256 GBSSD (Upgradable) NVMe SSD SATA III (6Gbp/s), 10/100/1000 Mbps Gigabit Ethernet. Wi-Fi (1 x M.2 2230 slot for WiFi_BT Module), Wi-Fi 802.11ac (Operating System: Win 11 Pro OEM pack with original license. Dimensions- 119 (L) x 180 (W) x 30 (H) mm WIFI Operating Frequency 2.4GHz/5GHz Wi-Fi Standard 802.11 a/b/g/n/ac/BT CAMERA Pixels 8MP Lens Angle of View(FOV) Diagonal 103° Array Size MJPEG : 3840*2160 (30fps), 1920*1080 (30fps) MIC ARRAY Array Quantity & Pickup Area 8-mic & 8meter (angle : 45°~135°) Echo Cancellation (AEC) & Automatic Gain (AGC) Yes Output Signal USB Output Speaker Output 15 W + 15 W / 8Ω ENVIRONMENTAL CONDITIONS Operating Temperature 0°C to + 40°C Operating Humidity 20% to 80% RH (non-condensing) Warranty 3 years 3 years for IFP and OPS	
4	Color Printer	Color Multifunction Laser Jet Printer Functions Print, Copy, Scan Print Technology Laser Print Speed Up to 25 ppm (A4, black & color) First Page Out As fast as 10.9 sec (black), 11.8 sec (color) Print Resolution Up to 600 x 600 dpi (black & color) Processor 1.2 GHz Memory 512 MB Display 4.3" color TFT-backlit touchscreen (480 x 272) Duplex Printing Automatic ADF Capacity 50 sheets Input Capacity 250-sheet main tray, 1-sheet priority feed slot Output Capacity Up to 100 sheets Monthly Duty Cycle Up to 40,000 pages Recommended Monthly Volume 150 to 2,500 pages Connectivity USB 2.0, Ethernet, Dual-band Wi-Fi, Wi-Fi Direct Mobile Printing Apple AirPrint, Mopria, Wi-Fi Direct Cartridge Type (Black, Cyan, Magenta, Yellow) Dimensions (W x D x H) 418 x 419.12 x 341.32 mm Weight Approx. 17.1 kg Warranty 3 yrs warranty	1
5	Projector	Projector with ceiling Mount and 6:8 feet Wall mount Screen Projection System 3LCD, 3-chip technology for vibrant colors and high brightness Brightness 4100 lumens of color and white brightness for clear visuals Resolution XGA (1024 x 768) native resolution for sharp images Connectivity Dual HDMI ports, wireless LAN, and built-in RJ-45 for easy setup and network control Audio Premium 16W audio for immersive sound Lamp Life Up to 17,000 hours in ECO Mode, reducing maintenance costs	1

S.No	Particular	Min. Specification	Units
		Projection Lens Optical zoom (manual) and focus (manual) with a zoom ratio of 1 – 1.6 Operating Temperature 5 – 40°C (41 – 104°F) at low altitude, 5 – 35°C (41 – 95°F) at high altitude Weight Approximately 3.1 kg for easy portability Power Supply 100 – 240V AC, 50/60Hz for versatile power options Warranty 3 years warranty for projector	

ANNEXURE-II

Tender for "Purchase of computer and other peripherals for Multimedia Lab and Computing Lab in the office of the Additional Director, Polytechnic & Shillong Engineering College, Shillong"

BoQ(Bill of Quantity)

#	Item Description	Make & Model	Qty	Unit Rate	GST%	GST	Unit Rate Incl GST	Total Price Incl GST
1	Desktop Computers							
2	10kVA UPS							
3	Smart Board							
4	Color Printer							
5	Projector							

Date:

Signature of Authorized Signatory with Stamp:

Name:

Designation:

Name of Firm/Company/Agency: