



**NORTH EASTERN REGIONAL INSTITUTE OF
SCIENCE & TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
NIRJULI :: ITANAGAR :: ARUNACHAL PRADESH**

**OPEN TENDER NOTICE NO. PUR/339/DST/TP/AE/2024-25
Dated. 07/05/2025**

THE LAST DATE OF RECEIPT OF TENDER	:	02/06/2025 up to 4.00 PM
DATE OF OPENING OF TENDER	:	03/06/2025 at 4.00 PM



NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University u/s 3 of the UGC Act, 1956)

Under the Ministry of Education, Govt. of India

NIRJULI :: ARUNACHAL PRADESH

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TENDER NOTIFICATION NO. PUR/339/DST/TP/AE/2024-25

Dated. 07/05/2025

Sealed tenders are invited from reputed manufacturers/authorized dealers/ suppliers for supply of items for the DST Project, under Dr. Thaneswar Patel, PI, Agricultural Engineering Department. Tender fee of ₹2,500/- (non- refundable). The last date of receiving tender is 02/06/2025 upto 04.00PM and the date of opening of tender is 03/06/2025 at 04.00 PM. The Director, NERIST reserves the right to accept or reject any tender partly or fully without assigning any reasons whatsoever.

Sd/-

Assistant Registrar (S&P)

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**NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY
NIRJULI :: (ITANAGAR) :: ARUNACHAL PRADESH**

OPEN TENDER : NO. PUR/339/DST/TP/AE/2024-25 Dated. 07/05/2025

TERMS AND CONDITIONS :

1. A) Rate : The rate which should be quoted both in figure & words must be not inclusive of packing forwarding freight and all other incidentals charges.
B) GST : Rate inclusive of GST will not be preferred. GST to be shown separately.
2. A) Consignee : All stores are required to be consigned to the Director, North Eastern Regional Institute of Science & Technology, Itanagar, Nirjuli, Arunachal Pradesh – 791109.
B) Mode of dispatch : The consignment is required to be dispatched by Road Transport or delivered at this Institute under supplier's own arrangement free of additional charges. All offers of delivery should be made ex-stock and clear note should be inserted in case of damage or loss in transit, if any will be borne by the supplier.
C) Dispatch of Document: The consignment note along with the quadruplicate of copy of relevant bill and two copies of priced challan should dispatch to the Director, NERIST, Nirjuli (Itanagar), Arunachal Pradesh – 791 109 immediately on completion of dispatch of consignment. If these documents do not reach the said office in time all wharf age/demurrage incurred, if any will be recoverable from the suppliers.
3. Delivery : The stores are required to be delivered/dispatched within thirty (30) days from the date of receipt of the supply order OR as per mutual agreement, suppliers are requested to take care that all the items mentioned above are to be supplied in full set basis and the items are required to be installed in the Laboratory/field. Users manuals are also to be provided along with the items supplied.
4. Quality Specification : The stores offered should be of the best/standard quality available unless, otherwise specified conforming strictly to the specification cited. The Director reserves the right to reject such stores as are found unacceptable on these grounds. Items of only reputed manufacturers will be given preference.

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5. Liquidated damages : If a firm accepts the order and fails to execute the order in full or part as per terms and conditions stipulated therein, it will be open to the Competent Authority to recover liquidated damages from the firm at the rate of 1% per month or the part thereof, subject to a maximum of 5% of the value of the undelivered stores. It will also be open to the Competent Authority, alternatively to arrange procurement of the required stores from any source, at the risk and expense of the firm that has accepted the order and failed to execute the order according to stipulations agreed upon. This will also entail removal of the defaulter's name from the approved/registered list of suppliers.
6. A) Submission of quotation: Quotation should be submitted to the Assistant Registrar (S&P), NERIST, Itanagar, Nirjuli, Arunachal Pradesh – 791109 in double sealed cover. The cover should bear tender enquiry/Notice Number and date.
- B) Earnest Money : At the time of submission of Tender, the earnest money in the form of Demand Draft Deposit @2% on the quoted tender value is to be deposited with the tender which will be interest free. No Tender will be accepted without earnest money. The earnest money is to be deposited in favour of Director, NERIST on State Bank of India, NERIST Branch. On receipt of supply order, in case the firm fails to supply, the earnest money will be forfeited.
7. Validity (Firmness): The rate should be valid for six months from the date of opening of tender. No representation for enhancement of price once accepted will be considered during the contract.
8. Opening of Quotation: (a) Every quotation will be opened on the date and time as fixed in presence of a duly constituted committee of the Institute. A firm may depute its accredited representative to witness the opening if it so desires.
- (b) In the event of the specified date for the opening of Tender is declared a holiday or due to any circumstances, if the Tenders could not be opened on the specified date by the NERIST, the Tenders will be opened at the appointed time and location on the next working date.
9. GST clearance : The tender should be accompanied by up to date GST Return certificate.

10. Mode of payment : Payment will be made on receipt of the bill (on full satisfactory supply of ordered stores, their commissioning, installation etc. as required as per terms and conditions) through RTGS. No advance payment will be made to any selected firm as per Institute norm.
11. Quantity of Stores : Actual quantities of item will be fixed as per our requirement at the time of placement of purchase order.
12. Special discount/rebate: Special discount/rebate admissible to Educational Institute of National importance may be specifically indicated in the quotation.
13. Rejection of offer : Tenders not conforming to the terms and conditions and procedure so out lined are liable to be rejected summarily.
14. Guarantee/Warranty : The stores should be covered by warranty of quality/warranty of performance and manufactures defect for a minimum period of thirty six months OR as per the company's norms from the date of satisfactory installation.
15. Special condition : Special condition, if any, printed on the quotation sheets of the tenders or condition attached with the tender will not be applicable to the contract unless these are expressly accepted in writing by the Director. Due weight age will be given to bidder offering warranty for a longer period.
16. ISI Marks : The tenders shall specify whether the articles offered bear bureau of Indian standard certification mark or not. In such cases they shall produce copies of certification mark along with their tender in support of it. Also specific make and model No. of the item is to be mentioned.
17. Discretionary power : The Director, NERIST reserves the right to accept or reject any or all tenders without assigning any reason there of and also to modify in exceptional case any of the stipulated terms and conditions on merit on genuine and justifying grounds if it is in the larger interest of the Institute. The final acceptance of the tenders rests entirely with the Director who does not bind himself to accept the lowest tender.
18. Tender fee: Tender fee of Rs.2,500.00 (Rupees two thousand five hundred) only (non refundable) in the form of Demand Draft in favour of Director, NERIST, Payable at SBI, NERIST Branch must be sent along with tenders.

19. Receipt of the tender: The last date of receiving tender is 02/06/2025 upto 4.00 PM.
20. Price: Abnormal price OR price higher than prevailing Market Rate / MRP will not be accepted.
21. This is not a turnkey project, so interested bidder can participate for any one or full items. The quantity of the tendered items may be increased OR decreased at the time of placing supply order.

22. The following updated documents should also accompany with the tenders:

- Trade License
- Income Tax clearance certificate
- GST Registration certificate
- Up to date GST return Certificate.
- Authorization must be from Original Equipment Manufacturer (OEM). The OEM certificate will be cross verified. If found faulty, the firm will be liable to be black listed by the Institute.
- Manufacturer /Proprietary Certificate.
- All the above documents are mandatory.

Sd/-
Assistant Registrar (S&P)
NERIST :: NIRJULI
ARUNACHAL PRADESH

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DST Project, under Dr. Thaneswar Patel, PI

Sl. No.	Details	Specification	Qty
1	Non-Contact Tachometer	Fluke 930 Non-contact Tachometer Specification: Make: Fluke Model number: Fluke 930 Number of Memory Sticks: 1 Range: 1 to 99999 revolutions/minute Precision: $\pm 0.02\%RD+1$ Sensing distance: (optical) 500 mm Operating temperature: 0°C to 50°C Warranty period: 1 year Or Equivalent	1
2	Raspberry Pi With Accessories	Raspberry pi 5 with Accessories Raspberry pi 5 Specifications RAM Capacity: 8GB Model Name Raspberry Pi 5 Model 8GB Processor 64-bit Arm Cortex-A76 CPU Clock Speed: 2.4 GHz RAM: 8GB LPDDR4 SDRAM Connectivity: 2 × USB 2.0 Ports, 2 × USB 3.0 Ports, Bluetooth 5.0, USB-C, Wi-Fi + Bluetooth® Low Energy GPIO: Standard 40-pin GPIO Header Multimedia: H.265 (4Kp60 decode); Video and Sound: 2 × micro HDMI ports (up to 4Kp60 supported), 4-Pole Stereo Audio and Composite Video Port On Board Ports: 1 x DSI, 1 x Ethernet, 2 x Micro HDMI, 2 x USB 2.0, 2 x USB 3.0, 40-pin 2.54 mm (2×20 strip) GPIO, USB Type-C port Accessories: 7" Official Raspberry Pi Display with Capacitive Touchscreen Official Raspberry Pi 5 Active Cooler Official Raspberry Pi 5 Case Black Official Raspberry Pi 256GB SSD Kit IOPS3 40k Official Raspberry Pi 256GB SSD IOPS5 Official 27W USB-C PD Power Supply for Raspberry Pi 5 – Black (Plug Type :IN) Or Equivalent	3
3	Android Smartphone With Accessories	OnePlus 13R Smarter AI (16GB RAM, 512GB Storage Nebula Noir) with Tampered glass and cover Brand: OnePlus Operating System: Android 15 RAM Memory Installed Size: 16 GB Memory Storage Capacity: 512 GB Screen Size: 6.78 inch Or Equivalent	1

4	Power Bank	<p>Coolnut 60000 mAh Power Bank Specification: Brand Name: Coolnut Product Name: 150watt-222Wh(60000mah) Battery Type: Lithium-Ion Material: ABS Plastic + PVC Size: 228*125*44 mm Net Weight: 1.6 Kg Gross Weight: 2.6 Kg Warranty: 5 Years Power Indicators 1 Type-C Input/Output port: 5V/3A (15W), 9V/3A (27W), 12V/3A (36W), 15V/3A (45W), 20V/3A 60W Wireless Output: 10W 1 Type-C Output port (5V/3A (15W), 9V/3A (27W), 12V/3A (36W), 15V/3A (45W), 20V/3A 60W) 1 USB Output Port: 5V/3A (15W), 9V/2A (18W), 12V/1.5A (18W) Or Equivalent</p>	1
5	Soldering Workstation with a Helping Hand	<p>Soldering workstation with a helping hand Specification: Brand: WEP Model No.: WEP 927-IV Wattage: 110W Included: Soldering Iron Station Kit with LED Magnifier 2 Helping Hands 30g LEAD-FREE Solder Wire 3 Soldering Tips Desoldering Pump ESD-Safe Tweezers Or Equivalent</p>	1
6	Arduino Development Board	<p>Official ARDUINO NANO 33 BLE Board (With Header) ABX00034 Specification Model Type: Nano Model No.: ABX00034 Microcontroller: nRF52 Series Microcontroller Chip: nRF52840 Operating Voltage (VDC): 3.3 Analog I/O Pins: 8 (ADC 12 bit 200 ksamples) Digital I/O Pins: 14 Clock Speed: 64MHz Flash Memory: 1MB SRAM: 256 EEPROM: NO DC Current for 3.3V Pin(mA): 15 Power Supply Option: Micro USB On Board LED: On/Off, L (PIN 13), TX, RX Or Equivalent</p>	2

		<p>Arduino Uno R4 Wifi Specifications Microcontroller IC: Renesas RA4M1 (Arm® Cortex®-M4 with Floating Point Unit) Wireless Connectivity: ESP32-S3 (WiFi & Bluetooth) Input Voltage: Nominal: 5V Recommended input voltage (VIN): 6–24V Barrel jack connected to VIN pin (6–24V) Schottky diodes for overvoltage and reverse-polarity protection Clock Speed: Renesas RA4M1: 48 MHz ESP32-S3: Up to 240 MHz USB Port: USB C (Programming Port / HID) Output Current: 8mA per GPIO Memory: 384 kB Flash Memory, 512 kB SRAM Onboard Peripherals: Capacitive Touch Sensing Unit (CTSU) USB 2.0 Full-Speed Module (USBFS) Up to 14-bit ADC Up to 12-bit DAC Operational Amplifier (OPAMP) I/O Pins: 14 Digital pins 6 Analog input pins 6 PWM pins VRTC & OFF pin Or Equivalent</p>	2
		<p>ESP32 (38 Pin) WiFi + Bluetooth NodeMCU-32 Development Board Specification Microcontroller: Xtensa Dual-Core 32-bit LX6 with 600 DMIPS Frequency: 160 MHz to 240 MHz Bluetooth: Bluetooth 4.2 and BLE (Bluetooth Low Energy) SRAM: Yes GPIO Pins: 38 (32 Usable Pins) PWM Channels: 16 Channels ADC: 12-bit ADC TWAI (CAN Bus): Yes Power Consumption: Approx. 80–90 mA Or Equivalent</p>	2
7	Tower Fan	<p>Luxaire Bladeless Tower Fan Specification: Brand: LUXAIRE Model Name: LUX TF0009 Size: 34" Motor Technology: BLDC Super Energy Efficient Green Motor Technology Or Equivalent</p>	1

8	Dehumidifier	White Westinghouse WDE-602 Specification: Brand Name: White Westinghouse Model No: WDE-602 Noise Level (dB): 52 dB Voltage: 220-240 V Moisture removal: 60 L /Day Refrigerant: R 410 Water Capacity: 8 L Temperature: 5-32 °C Or Equivalent	1
9	Humidifiers	Humidifiers- LEVOIT Air Humidifiers Classic 300S Specification: Brand: LEVOIT Special Feature: Quiet Filter Type: Wick Floor Area: 505 Square Feet Capacity: 6L Operation Mode: Vaporizer, Ultrasonic Item Weight: 2 Kilograms Control Method: App, Voice Or Equivalent	1
10	Indoor Air Quality Monitor	Rotronic CP11 Portable Indoor Air Quality Monitor Specification: Manufacturer: Rotronic Model No : CP11 Measuring Parameters: Carbon Dioxide Relative Humidity Temperature Carbon Dioxide: 0 to 5000 ppm Accuracy: ±30 ppm ±5 % of the measured value Temperature: -20 to +60°C Accuracy: ±0.3°C Humidity: 0.1 to 99.95 %RH Accuracy: <2.5 %RH (10...90 %RH) Or Equivalent	1
11	Vane Anemometer	Testo Vane Anemometer Operated With Smartphone Specification: Make: Testo Model No.: testo 410i Product no: 0560 1410 Temperature - NTC Measuring range: -20 to +60 °C Accuracy: ±0.5 °C Resolution: 0.1 °C Velocity - Vane Measuring range: 0.4 to 30 m/s	1

		<p>Accuracy: $\pm(0.2 \text{ m/s} + 2 \% \text{ of mv})$ (0.4 to 20 m/s) Resolution: 0.1 m/s Operating temperature: -20 to +50 °C System requirements: Requires iOS 13.0 or newer; requires Android 8.0 or newer; requires mobile end device with Bluetooth 4.2 Or Equivalent</p>	1
12	Humidity and Temperature Data Logger	<p>TESTO 175 H1 - Temperature And Humidity Data Logger Specification: Make: Testo Product no. 0572 1754 Country of Origin: Germany Temperature - NTC Measuring range: -20 to +55 °C Accuracy: $\pm 0.4 \text{ °C}$ (-20 to +55 °C) ± 1 Digit Resolution: 0.1 °C Humidity - Capacitive Measuring range: 0 to 100 %RH* Accuracy: $< \pm 1 \text{ %RH}$ / year drift at +25 °C $\pm 2 \text{ %RH}$ (2 to 98 %RH) at +25 °C $\pm 0.03 \text{ %RH/K} \pm 1$ Digit Resolution: 0.1 %RH Dewpoint (calculated) Measuring range: -40 to +50 °Ctd Accuracy: $+0.03 \text{ %RH/K} \pm 1$ Digit Or Equivalent</p>	1
13	WBGT/Heat Stress Meter	<p>Portable wireless WBGT meter – Heat Shield Specification Brand: LSI Model: ELR600M Usage/Application: Heat Shield is equipped with built-in sensors to measure: Storage Capacity: 8MB memory for extended data logging Heat Index: Yes Air Velocity: Yes Or Equivalent</p>	1

14	Air Quality Monitor	SMILEDRIVE® Portable Air Quality Specification: Brand SMILEDRIVE Pollution Detector Meter with Color Graphic Display Checks/sensor for: PM 1, 2.5 and 10 TVOC HCHO Temperature Humidity Or Equivalent	1
15	Environmental Meters	Extech EN300 5 in 1 Environmental Meter Specification: Make: Extech Model No: EN 300 Measuring Parameters: Air Velocity, Light, Relative Humidity, Sound, Temperature Air Velocity: 0.4 to 30 m/s (0.1m/s) Accuracy: ±3% FS Light Measuring : 0 to 20,000Lux (1 Lux) Accuracy: ±(5% rdg + 8digits) Sound: 35 to 130dB (0.1dB) Accuracy: ±1.4dB Temperature: Thermistor: 32 to 122°F (0 to 50°C) Thermocouple: -148 to 2372°F (-100 to 1300°C) Resolution: 0.1°F/°C Accuracy: Thermistor: ±2.5°F/1.2°C Type K: ±(1%+2°F/1°C) of rdg Relative Humidity: 10 to 95%RH (0.1%RH) Accuracy: ±4%RH of rdg Data Output: RS 232/USB PC serial interface Operating Temperature: 0 to 50°C (32 to 122°F) Operating Humidity: 80%RH Max Or Equivalent	1
16	Body Composition Monitor	Omron HBF 375 Body Composition Monitor Specification: Make: Omron Model: Omron HBF-375 Special Feature: Digital Auto Shut Off, Full Body Sensing Technology Body Weight Body Mass Index (BMI)	1

		<p>Skeletal Muscle Body Fat Visceral Fat Resting Metabolism Same Age Comparison Progress Chart Body Age Segmental Subcutaneous Fat & Skeletal Muscle Percentage Or Equivalent</p>	
17	Digital Blood Pressure Monitor with Intellisense Technology	<p>Digital Blood Pressure Monitor With Intellisense Technology-Omron Smart Elite+ HEM 7600T Specification: Brand: Omron Model No.: Smart Elite+ HEM 7600T Special features: Cuff Wrapping Guide IntelliSense Technology IntelliWrap Cuff™ Irregular Heartbeat Detection Body Movement Detection OMRON connect App Bluetooth® Connectivity 100 Measurements in Memory Or Equivalent</p>	1
18	Ear Thermometer	<p>Beurer FT 58 Ear Thermometer Specification: Infrared measurement Temperature alarm from 38.0°C, warning tone from 37.5°C Displays measurements in °C and °F Room temperature display With interchangeable protective cap (10 included) Object temperature measurement Ejection mechanism 10 memory spaces Automatic switch-off 3 Years warranty + 20 FT 58 Protective Cap Or Equivalent</p>	1
19	Thermal Camera with Accessories	<p>Testo 868 - Thermal imager (160 x 120 pixels, App) Make: Testo/Equivalent Model: Testo 868/Equivalent Thermal Sensor Type: Uncooled Microbolometer Resolution: 160 × 120 Field of View: 31 x 23° Detectable Temperature Range: -30 to 650°C in 2 Ranges Digital Camera Resolution: 320 x 240 Field of View: 31 x 23° Or Equivalent</p>	1

20	Air Conditioning Cooling Vest with Accessories	Air Conditioning Jacket (Prime) Brand: Brrf Size: Medium Include 5V/2.1A-10000 mAh Power Bank 3 Running Speeds Maximum Speed: 5100 RPM 2*12V Brushless Fans 1 Year Warranty Or Equivalent	1
		Air Conditioning Jacket (Prime) Brand: Brrf Size: Large Include 5V/2.1A-10000 mAh Power Bank 3 Running Speeds Maximum Speed: 5100 RPM 2*12V Brushless Fans 1 Year Warranty Or Equivalent	1
21	Evaporative Cooling Vest	Ergodyne Chill-Its 6665 Evaporative Cooling Vest - Lime, Medium Brand: Ergodyne Neck style: V-Neck Closure type: Zipper Size: Medium Or Equivalent	1
		Ergodyne Chill-Its 6665 Evaporative Cooling Vest - Gray, Large Brand: Ergodyne Neck style: V-Neck Closure type: Zipper Size: Large Or Equivalent	1
22	Phase Change Material Cooling Vest with Accessories	PCM Cooling Vest Brand: Brrf Size: Medium Stretchable and breathable fabric Zipper closure Included with High-performance cooling packs (phase change material pack) recharge in about 30 minutes in ice water or 45 Minutes in freezer/fridge 2 year warranty Or Equivalent	1
		PCM Cooling Vest Full Body Brand: Brrf Size: Large Stretchable and breathable fabric Zipper closure Included with High-performance cooling packs (phase change material pack) recharge in about 30 minutes in ice water or 45 Minutes in freezer/fridge	1

		2 year warranty Or Equivalent	
23	1TB Extreme Portable SSD With Hard Carrying Case	SanDisk 1TB Extreme Pro Portable SSD 2000MB/s R/W, Upto 2 Meter Drop Protection with Hard Carrying Case Specification: Digital Storage Capacity 1 TB Hard Disk Interface PCIE x 4 Connectivity Technology USB Brand SanDisk Hard Disk Form Factor: 2.5 Inches Hard Disk Description: Solid State Hard Drive Compatible Devices: Laptop, Desktop, Smartphone Read Speed: 2000MB/s Write Speed: 2000MB/s Up to 2 meter drop protection IP55 water and dust resistance Warranty: 5 Year Or Equivalent	1
24	Ink Tank Duplex Colour Printer	Epson L6270 WiFi Duplex Multifunction InkTank Printer with ADF Specification: Brand: Epson Item model number: L6270 Connectivity Technology: Wi-Fi Printing Technology: Ink Tank Additional Printer functions: All In One Special Feature: Auto-Duplex Refillable Ink Tank Compact Borderless Printing Model Name L6270 Printer Output Colour Maximum Print Speed (Colour): 20 ppm Max Print speed Monochrome: 33 ppm Or Equivalent	1
25	Projector With Accessories	BenQ X3100i 4K UHD 4LED Specification: X3100i 4K HDR 4LED Brightness (ANSI lumens): 3300 Resolution: 4K UHD (3840×2160) Native Aspect Ratio: 16:9 Contrast Ratio (FOFO): 600,000:1 Display Color: 30-bit (1.07 billion colors) Light Source: 4LED Throw Ratio: 1.15 ~ 1.50 Zoom Ratio: 1.3x Lens: F/# = 1.8 - 2.25 mm, f = 17.02 - 22.21 mm Or Equivalent	1

26	Custom Build PC With Monitor	Processor (CPU): AMD Ryzen 7 9800X3D Processor Cooling System (CPU Cooler): Ant Esports ICE Chroma 360 ARGB 360mm Motherboard: Asus B650M-AYW WIFI M-ATX Solid State Drive (M.2 SSD): SAMSUNG 990 EVO Plus 2TB M.2 NVMe Gen5 SSD Graphics Card: Gigabyte RTX 5070 Ti Aero Power Supply Unit (SMPS/PSU): Asus ROG Strix 750W 80 Plus Gold SMPS Cabinet (Case): AeroCool Mirage ARGB Cabinet (Black) RAM: Corsair Vengeance RGB 32GB (16GBx2) DDR5 6000MHz Ram (Black) Product code: CMH32GX5M2B6000C30 Keyboard: Asus ROG Strix Scope RX Mechanical Keyboard with Red Optical Switches Mouse: Logitech G305 Lightspeed Wireless Mouse (Black) Monitor: LG Electronics Ultragear 21:9 Curved LED Monitor 86.42 Cm (34 Inch), Qhd 3340 X 1440, 5Ms, 160Hz Or Equivalent	1
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