



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

**OPEN TENDER NOTICE NO. HOD (AE)/Purchase/2025-26 Phase – I & II  
Dated. 23/03/2026**

<b>THE LAST DATE OF RECEIPT OF TENDER</b>	<b>:</b>	<b>13/04/2026 up to 4.00 PM</b>
<b>DATE OF OPENING OF TENDER</b>	<b>:</b>	<b>14/04/2025 at 4.00 PM</b>



**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**

**Telephone No. (0360) 2257401-11 (Extn. No.7252/7256),**

**FAX – (0360) 2258533/2257872**

**TENDER NOTIFICATION NO.**

**HOD (AE)/Purchase/2025-26 Phase – I & II Dated. 23/03/2026**

Sealed tenders are invited from reputed manufacturers/authorized dealers for supply, installation, and commissioning of the laboratory items for the Agricultural Engineering Department. The details of tender can be downloaded from our website : [www.nerist.ac.in](http://www.nerist.ac.in). Tender fee of Rs.2,500/- (non refundable). The last date of receiving tender is 13/04/2026 upto 4.00 PM and the date of opening of tender is 14/04/20226 at 4.00 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. HOD (AE)/Purchase/2025-26 Phase – I & II Dated. 23/03/2026**

**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 defaulters 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 : The Purchaser reserves the right to increase or decrease the quantity to be ordered of bid quantity and 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 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 (nonrefundable) 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 13/04/2025 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 full/part.

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 blacklisted 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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**Agricultural Engineering Department  
(Various laboratory items)**

Sl. No.	Items	Make & Model	Quantity
1.	Tractor-drawn digital Dynamometer	Range 0 to 50 kN Accuracy: $R^2 > 0.99$ Rs232 output In built Datalogging	01
2.	Cone penetrometer	Cone angle: 30° (ASAE/ASABE S313.3 standard) Shaft diameter: 15.88mm Penetration depth: up to 1m Measurement range: 0 to 10,000kPa	01
3.	Tractor-drawn scraper	3-point linkage mounted Width: Between 1.5 to 2.0 m	01
4.	Tractor-drawn laser leveller	Working Width: 2.1m to 3.0m Hydraulic Cylinder Capacity: 2 to 6 tons Laser Range & Accuracy: 700–1500m range, $\pm 1$ mm at 30m accuracy Control Panel: In-cab digital display with auto height control	01
5.	Potato Planter	Number of Rows: 2 Hopper Capacity: ~500 kg Row Spacing: 60–90cm adjustable Planting Depth: 4–6 inches Seed Size: 20–70mm tubers	01
6.	Potato digger/harvester	Working Width: up to 1,300–1,500mm (two row) Working Depth: 100–250mm adjustable Mounting: 3-point linkage (Cat II/III), rear PTO driven	01
7.	Drone sprayer	Model: EFT G20 22L 8 Axis Agriculture Drone Frame. Symmetrical Eight-Axis Layout. Quick-Release Double Battery + Double Tanks.	01
8.	IoT items (Raspberry pi 4 model b – 2 pieces with accessories)	8 GB variant 32 GB SD card Power adapter included Case included Camera module, 7 inch Display module included	02
9.	Fuel flow meter	Flow Range: 1–100L/h Accuracy: $\pm 1\%$ Digital display Bluetooth/wireless connectivity for data logging	01
10.	Tractor-drawn reversible plough	2 row Working depth ~12 inch 3-point linkage mounted Hydraulic turnover	01

11.	<b>Construction of Runoff Plots in Experimental Field</b>	<p><b>22 m x 2 m runoff plot boundaries with 1 m depth</b> as seen in the figure 1.  <b>One each with 2%, 3%, 6%, and 9% slopes.</b></p> <p>Bricks @10/- (2,640 pieces per plot): 10560 pieces</p> <p>Cement @500/- (20 bags per plot): 80 bags</p> <p>Stone chips and Sand (LS)</p> <p>Earth cutting and filling</p> <ul style="list-style-type: none"> <li>• <b>Drawing of construction of Runoff Plots in Experimental Field attached at Annexire – I (Page No.</b></li> </ul>	04
12.	Tipping bucket runoff sampler	Details specification and image at attached at Annexure - II (Page No.	02
13.	Solar Cooker - Box Type	4 liters	01
14.	Solar Cooker - Concentrating type	5 liters	01
15.	Solar Water Heating System - Flat Plate Collector	100-125 <i>lpd</i>	01
16.	Solar Water Heating System - Evacuated Tube Collector Type	100-125 <i>lpd</i>	01
17.	Natural Convection Solar Dryer	5 kg capacity	01
18.	Photovoltaic panel system	200 Watt	01
19.	Solar Data Logger	Power supply: 100V to 140V	01
20.	Solar Thermal Testing kit		01
21.	Solar Pump with accessories	1 hp	01
22.	Demonstration kit for wind generation		01
23.	Bacteriological Incubator	90 liters	01
24.	Model Floating Dome Biogas Plant		01
25.	Fuel Cell Model and Testing kit		01
26.	Improved Cook stoves Model		01

27.	Epson EcoTank L4360 A4 Wi-Fi Duplex All-in-One Ink Tank Printer	Print speed up to 15 ipm for black and 8 ipm for colour, Automatic Duplex Printing, Borderless Printing up to A4 size	03
28.	HP LaserJet M208dw Printer	A4 Black and White Laser Printer, print only, Duplex, Print speed up to 29 ppm, USB, Wi-Fi, Automatic Duplex Printing/Two-sided printing	05
29.	5 feet window curtain	Dim out curtain, should be able to block >60% of sunlight, 350 GSM or higher	20 pair
30.	Curtain hanger	Compatible with 1 inch curtain rod, Material: stainless steel/aluminium	16 pair
31.	1 inch Curtain rod	7 ft long	04
		12 ft long	08
31	GPRS Modem and software for Existing OTT Hydromet make AWS station	GPRS Modem, Dual SIM Includes: 1. All Accessories for GSM/GPRS modem 2. Software  Installation and Commissioning	1

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## Annexure – I

### Drawing of construction of Runoff Plots in Experimental Field



Figure 1: Four Runoff Plots

## Annexure – II

### **TIPPING BUCKET RUNOFF SAMPLER (0.5–1.0 L Capacity) Indigenous**

The Tipping Bucket Flow Gauge is a sturdy & dependable instrument for monitoring water discharge from drains, pipes & runoff outlets. Its tipping mechanism—set for 0.5 L or 1.0 L per tip—provides consistent and repeatable flow measurements. Built from non-corrosive PVC & stainless steel, it performs reliably in harsh outdoor conditions & in water containing sediments. With a dual reed switch for simultaneous data output & a low- maintenance open design, it is well suited for a variety of hydrological & environmental monitoring applications. **Key Highlights**

- Accurate and repeatable flow measurement based on tipping bucket principle
- Available in **0.5 L** or **1.0 L** per tip configuration
- Suitable for stormwater, industrial discharge, drainage systems, and runoff monitoring
- Operates efficiently in environments with sediments or iron deposits
- Integrated **dual reed switch** for redundant/dual-channel measurements
- Designed for long-term outdoor deployment
- Easy to clean and low maintenance
- Comes with **4× M8 mounting brackets** for secure installation

### Technical Specifications

Parameter	Details
<b>Bucket Capacity</b>	0.5 L or 1.0 L per tip
<b>Maximum Flow Rate</b>	Up to 25 L/min
<b>Output Signal</b>	Dual reed switch (pulse output)
<b>Material</b>	PVC plastic + Stainless steel
<b>Accuracy</b>	±2% to ±22% depending on flow rate
<b>Operating Temperature</b>	–20°C to +70°C
<b>Humidity Range</b>	0–95% RH
<b>Dimensions (L × W × H)</b>	390 × 235 × 390 mm
<b>Weight</b>	approx. 6 kg
<b>Mounting</b>	Supplied with 4× M8 brackets

