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

OPEN TENDER NOTICE NO. PUR/384/AE/2025-26
Dated. 08/12/2025

THE LAST DATE OF RECEIPT OF TENDER	:	**29/12/2025 up to 4.00 PM**
DATE OF OPENING OF TENDER	:	**30/12/2025 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
Telephone No. (0360) 2257401-11 (Extn. No.7252/7256),
FAX – (0360) 2258533/2257872

TENDER NOTIFICATION NO. PUR/384/AE/2025-26

Dated. 08/12/2025

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. Tender fee of Rs.2,500/- (non refundable). The last date of receiving tender is 29/12/2025 upto 4.00 PM and the date of opening of tender is 30/12/2025 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. PUR/384/AE/2025-26 Dated. 08/12/2025

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 damaged 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 in 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.

Contd……..P/3

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.

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19. Receipt of the tender: The last date of receiving tender is 29/12/2025 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.	Basic Hydrology Apparatus	• A self-contained floor standing apparatus for hydrology and rainfall system comprising of following: • Tilting Tank made of 2 mm thick stainless steel 316 grade having size of 2 m(Length) x 1 m(Width) x 0.2m(Height). • Screw Jack tilting system with hand operated wheel; range: -1 to +5% to be provided. • Precipitation should be done by 8 nozzles (Switchable in 4 groups of 2 nozzles using solenoid valves via control panel). • Self-priming centrifugal pump made of stainless steel with flow rate: 23 L/min or higher. Pump should be capable of recalculating sediment laden water. • Transparent acrylic tank to be provided with calibrated weir & load cell for sediment mass measurement. • Two French drains, two well points and 20 manometer tapping points linked to a assembly of a 20 tube manometer bank. • Inlet flow measurement to be done by flow meter One each for rainfall and river inlet. • Sump tank made of stainless steel 304 grade 2 mm thickness should have minimum 220 liters capacity. • Permeable media i.e. high quality silica sand of thickness 0.2 mm to 1.5 mm thick to be provided minimum quantity required 500 kgs.(Sand should be in supplier scope) . • The whole set up should be well designed and arranged on a right structure painted with Industrial PU Paint and complete with all accessories required for smooth installation and working of the instrument . • All components in contact with water to be made of corrosion proof material like stainless steel 304 grade/fiber reinforced plastic/glass etc . • Tank sealing Plate for Ground water flow experiment Anti-erosion mat and scraper to be provided, Model for pier/obstruction:- Round, Square and oval	01

Contd….P/6

		• At least 5 purchase orders of IIT/NITs should be provided with the tender documents. • Licensed CAD & CAM Software like Solid work CATIA, PROE, NX Etc (Proof of the same should be attached along with the Tender Document) • Warranty period should be minimum 1 year. • Bidder should have in-house facility of CNC Machine to machining the parts of the equipment. ***Equipment should be capable of performing following experiment:*** • Investigation of Rainfall / Runoff relationships for dry, saturated and impermeable catchments of slopes (surface runoff only). • Effect of interflow on outflow hydrograph surface runoff (pulse ground water flow) . • De-watering of excavation sites by use of wells. • Demonstration of watersheds for a simulated island with rainfall and well flows. • Draw down curves for one well and two well systems.	
2	Digital Soil Moisture Meter	Soil Moisture Sensor: Moisture measurement range=0 to 50 % Type: Granular Matrix Range: 0 to 200 Centibar 0 to 100% Accuracy ± 3 % Output: Change of Resistance Soil Temperature Sensor: (Optional) Range: - 10 to 110 C. Accuracy: ± 0.5 ° C Resolution: 0.1 °C Output: Analog (10 mV / C	1
3	Stainless steel Magnetic Stirrer with hot plate	Material: Stainless steel with hot plate Capacity: 1 litre Input 220 V(AC)	1
4	Digital Curvimeter	Measuring range=10 m Minimum reading-1 mm Accuracy within ± 0.3 % Display unit: Mile, Yd, in, mm, cm, m, km Power : AAA batteries x2 Scale size -Any scale size	1

Contd….. P/7

5	**Drainage & Seepage Tank (Ground Water Flow System)**	• Drainage / Seepage Tank of Length 1500 mm, Width 100 mm, should have Stainless Steel 316 Grade, thickness of the sheet is 2.5mm with Aluminum Base, Toughened Glass having thickness 12mm to be provided on the Front Side and Back Side of tank • Transparent tank with a sand filling arrangements to be provided (Sand should be in supplier scope). • Dye injection system to be provided • Sump Tank of Capacity 100 Ltrs should be of Stainless Steel 316 Grade • Self-priming centrifugal pump made of stainless steel with flow rate: $4m^3$/hr. Pump should be capable of recalculating sediment laden water(**Technical catalogue of the pump to be attached along with the technical bid for the technical evalution).** • Some arrangement to be provided to measure the Water level or pressure measurement in test section of the tank. • Models for experiment: Sheet piles, Retaining wall, foundation. • **Photographs of the drainage and seepage process to be attached along with the technical bid**. • The whole set-up should be well designed and arranged on a rigid structure painted with industrial PU Paint. • *Operating/instruction manual consisting of experimental procedure, block diagram etc. and sample calculations should to be provided along with the tender documents.* • *Equipment's has to be demonstrated at college site, results should be repeatable within ±5% of the sample calculations provided.* ***Equipment should be capable of performing following experiment:*** • To study the seepage through an earth dam. • To study the control of Seepage through permeable soil by sub-soil drainage. • Stability of an earth dam. • Groundwater levels over time in various models.	01

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6	Pigmy water Current Meter	Packed with Wading Rod, Sensor Range: 0.3 to 3.5 meter / Sec Digital Time / Revolution Counter (All Digital) Double Digit, Full LCD, No Moving Part Protection: IP64, Battery Level Status Digital Water Velocity Indicator with PC interface kit Accuracy: For velocities upto 0.3 m/s, 1% Full scale, For velocities >0.3 m/s, 0.5% Full Scale Contact chamber: Magnetic Dimension: Bucket end diameter: 2.0 inch Rates spin test: > 75 seconds Accessories: Instrument oil, cleaning cloth, screwdriver with wading Rod rugged wooder carrying case.	01
7	FibroTran	Automatic Fiber Analyzer; Fiber estimation (ADF/NDF/Crude); 6-sample capacity; Compatible with AOAC methods. **Determination of Crude fibre**, NDF, ADF, ADL, Cellulose, Hemicelluloses, Lignin & related parameters in plant materials compound feed, food etc. Fibre Determination in accordance with weende, van Soest and other recognized methods. **FIBRA PLUS** Microprocessor based 6 place Automatic Auto sequencing PC Compatible Economic Version Fibre Estimation System **Number of Samples**: Six **Sample Size**: 0.1 to 4 g (depending on the type of sample) **Heater Source**: Ceramic Infrared Heater. **Heater Power**: 2000 Watts. **Temperature Controller**: Fuzzy logic Microprocessor based PID Controller with Auto tuning facility. **Temperature controller** is isolated separately in a control tower to protect electronics from heat zone and acid reaction zone with separate access door for main unit & electronics control tower unit. **Temperature Setting**: Feather touch membrane keys. **Temperature Range**: Ambient to 500º C (Continuously variable) **Temperature Accuracy / Precision**: ± 1° C **Microprocessor** Allows 16 intelligent memory steps of time, temperature domain (2 Programs of 8 Sequence each). **RS 232** interface with software for PC connectivity. **Standard Sintered Silica glass Crucible** with P1 Porosity disc (6 Nos.) & Additional One set (6 Nos.) Sintered Silica glass Crucible will be given	01

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		Extractor: Marked borosilicate extraction vessel **Fibrastat** hot plate for preheating of acid / alkali boiling made of Casted aluminium alloy heater with thermostatic control with electronics module totally isolated in a control tower. Suction Assembly: Fibra Flow System with self-priming pump connected to giant water suction filter pump. **Independent** loading of sample with individual mechanical controls. **Inbuilt safety** features like auto error indication, auto over temperature protection and auto sensor break protection. **Electrical Requirement**: 230V/50Hz. AC Mains	
8	Kjeldahl Apparatus (Digestion and Distillation Unit)	6-unit capacity; Digestion with fume hood; Auto distillation; Nitrogen estimation **<u>Automatic Macro (250ml) Block Digestion System</u>** **No. of Sample**: Six **Tube Dimension**: 300 x 42mm **Temperature Controller**: Microprocessor controls temperature and time **Temperature Control Range**: Room Temperature to 450° C **Anti-corrosive chemical resistant feature** Touch Membrane soft Touch keys. **Heating Block**: Aluminium Block perfectly insulated with ceramic wool (protects user from skin contact) **Heater**: Casted Aluminium Alloy Heaters for uniform heating and even digestion of samples. **Tube Stand**: SS insert rack with cooling stand to place insert rack after digestion with polyamide insulated handle **Fume Exhaust**: Exhaust Manifold System with high grade teflonadoptors for intact seal for absolute removal of toxic fumes with SS manifold rack with polyamide insulated handle. Easy Auto fix spring clamps. **KEL FLOW** suction assembly with giant suction filter pumps for safe removal of acid fumes **Suction Assembly wall mounted on rear side of unit for safe &easy access to drain area.** **Power:** 1000 W Inbuilt safety features	01

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		Electrical Requirement: 220V/50Hz Ac mains. Includes all essential accessories for full-fledged working of system. **<u>B. Automatic Distillation System</u>** Basic Distillation system (Semi-Automatic Version) **Robust Electronic System** with LED indication **Auto ready signal** for steam Processing **Alkali Addition**: Continuous with On /Off switch **Steam Addition**: with inbuilt timer for auto cut off at 6 mins / 12 mins **Distillation Capacity**: 15 samples /hr **Nitrogen Recovery** :99.5 to 100% **Cold Water Consumption**: 120 l/h **Inlet Water Pressure**: 2 Bar **Steam generator**: Stainless steel with water level view window **Distillation Water tank capacity**: 5 Liters **Steam Compensation**: Automatic replacement of steam by a balancer device by pressure equilibrium technique **Distilled water automatically** drawn from Storage reservoir through inbuilt centrifugal pump. **Non corrosive** Nylocast Tube Rest. **Electrical Components** rack mounted and isolated from alkali and water carrying parts. **Steam Capacity** kept constant by thermostatic pre heating mechanism Manual on/off switch **Safety door** with safety cabin for distillation area **Illumination** inside chamber for clear view **ISO 9001:2015** Certified **Built in Safety Features** **Electrical requirement** - 220 V/50 Hz	
9	HUNTER Colorimeter	Lab-grade; Measures L*, a*, b*; Accurate color difference; Integrated software **Measuring Head Unit:** **Illumination / Viewing System:** Diffuse illumination, 0° viewing, specular component included. **Detector:** Six silicon photocells. **Light Source:** Pulsed xenon lamp. **Display Range (Reflectance, Y):** 0.01% to 160.00%. **Measurement Time:** Approximately 1 second per measurement.	01

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		Minimum Measurement Interval: 3 seconds. **Battery Performance:** Around 800 measurements using four AA alkaline or Ni-MH batteries. **Measurement / Illumination Aperture:** Ø 8 mm (measurement) / Ø 11 mm (illumination). **Repeatability:** Within ΔE*ab = 0.07 (standard deviation). **Inter-Instrument Agreement:** ΔE*ab ≤ 0.6 (average of 12 BCRA Series II colors). **Standard Observer / Illuminants:** 2° Standard Observer; Illuminants C and D65. **Supported Color Spaces and Indices:** • XYZ, Yx y • L*a*b*, Hunter Lab, L*C*h • Munsell (Illuminant C) • CMC (l:c), CIE94, Lab'99, LCh'99, CIE2000 • Whiteness / Yellowness Indices (CIE, ASTM E313, D1925) • Up to six user-defined indices. **Storable Data Sets:** Up to 1,000 measurement data points. **Color-Difference Target Colors:** Up to 100 targets. **Calibration Channels:** 20 channels (1 for white calibration, 19 for user calibration). **Display Features:** Shows chroma and color-difference values with PASS / WARN / FAIL judgment. **Tolerance Modes:** Box and elliptical tolerance settings. **Communication Interface:** RS-232C serial connection (4800 / 9600 / 19200 bps). **Power Supply:** Four AA batteries or AC adapter (100–240 V, 50/60 Hz). **Dimensions (W × H × D):** 102 × 217 × 63 mm. **Weight:** Approximately 550 g (with batteries). **Operating Conditions:** 0 – 40 °C, ≤ 85% RH (no condensation). **Storage Conditions:** –20 – 40 °C, ≤ 85% RH (no condensation). **LCD Backlight:** Auto-off after 30 s of inactivity. • Other **Features:** • Can operate as a standalone measuring head.	

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		• Simple calibration and user-friendly interface. • Direct connection to DP-400 or PC for data transfer **Data processor unit:** **Display Range (Reflectance, Y):** 0.01% – 160.00%. **Measurement Time:** 1 second (same as measuring head). **Minimum Measurement Interval:** 3 seconds. **Battery Performance:** Around 800 measurements per set of four AA batteries. **Supported Illuminants:** C and D65. **Display Functions:** • Displays chroma values, color-difference values, and color-difference graphs. • PASS / WARN / FAIL indication based on tolerance. **Tolerance Judgment:** Box or elliptical tolerance. **Supported Color Spaces / Indices:** Same as CR-400 (XYZ, L*a*b*, Hunter Lab, etc.). **Languages:** Multi-language support (English, German, French, Italian, Spanish, Japanese). **Storage Capacity:** Up to 2,000 data sets (combined with CR-400). **Page Management:** Up to 100 pages for data storage. **Statistical Functions:** Displays maximum, minimum, average, and standard deviation. **Automatic Measurement Timer:** Can be set from 3 seconds to 99 minutes. **Date / Time Recording:** Automatic timestamp on measurement data. **Interface:** RS-232C communication (19,200 bps with PC, synchronized with CR-400 when connected). **Power Supply:** Four AA batteries or AC adapter (100–240 V, 50/60 Hz). **Dimensions (W × H × D):** 102 × 244 × 63 mm. **Weight:** Approximately 600 g (without batteries or printer paper). **Operating Conditions:** 0 – 40 °C, ≤ 85% RH (no condensation).	

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		Storage Conditions: –20 – 40 °C, ≤ 85% RH (no condensation). **Built-in Printer:** 384-dot line thermal printer; can print graphs and data automatically. **Print / Data Features:** • Prints all selected color spaces. • Data protection / lock function. • Character input for naming colors and calibration channels. • Remote output mode for data export. **Calibration Options:** User calibration, multi-point calibration, and manual calibration modes. **Additional Features:** • Automatic averaging measurement. • Adjustable LCD contrast, buzzer, and backlight settings. • Imports stored data from measuring head directly. **Software's:** SpectraMajic NX2, CR-S4w	
10	Rotary Evaporator	**LCD Digital Rotary Evaporator** is an essential instrument in chemical laboratories for the efficient and gentle removal of solvents from samples by evaporation. It offers an excellent distilling solution in a wide range of applications. • **Digital display** of both rotation speed and heating temperature allows for optimal control of all distillation processes • **Automatic motor** lift releases the evaporating flask to a safe position in case of power failure • **5L heating bath** with wide temperature range from room temp. to 180°C. Independent temperature control, which can be used separately. Water/oil heating mode can be changed only through a switch. • **Overheating protection** temperature at 220°C • **Speed ranges** from 20 to 280rpm, and interval operation in clockwise and anticlockwise directions for drying process • **Patented condenser** (cooling surface 1700cm²) with excellent cooling effect • **Ejection mechanism** ensures easy removal of evaporating flask	01

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		• **Patented double spring sealing ring** which is made of PTFE provides an excellent sealing performance • **Remote function** provides PC control and data transmission • **Motor Type**: Brushless DC motor • **Speed Range**:20-280rpm • **Display**: LCD (speed, temperature, time) • **Direction of Rotation**: Clockwise and counter clockwise • **Heating Temperature Range**: Room temp. to 180°C • **Control Accuracy**: water: ±1°C, oil: ±3°C • **Evaporation capacity**: Max.1.56L/h (H_2O) • **Heating Power**: 1300W • **Stroke Displacement:** Automatic 150 mm • **Timer**: YES • **Time Setting Range**: 1-999min • **Dimension [DXWXH]**: 465×457×583mm • **Weight**: 15kg • **Permissible Ambient Temperature**: 5-40°C • **Permissible Relative Humidity**: 80%RH • **Protection Class**: IP20 • **USB interface**: YES • **Voltage/Frequency**: 100 120/200 240V, 50/60Hz **Power**: 1400W	
11	Tractor-drawn digital Dynamometer	Range 0 to 50 kN Accuracy: R^2 >0.99 Rs232 output In built Datalogging	1
12	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	1
13	Tractor-drawn scraper	3-point linkage mounted Width: Between 1.5 to 2.0 m	1
14	Tractor-drawn laser leveller	Working Width: 2.1m to 3.0m Hydraulic Cylinder Capacity: 2 to 6 tons Laser Range & Accuracy: 700–1500m range, ±1mm at 30m accuracy Control Panel: In-cab digital display with auto height control	1

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15	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	1
16	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	1
17	Drone sprayer	Model: EFT G20 22L 8 Axis Agriculture Drone Frame. Symmetrical Eight-Axis Layout. Quick-Release Double Battery + Double Tanks.	1
18	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	2
19	Fuel flow meter	Flow Range: 1–100L/h Accuracy: ±1% Digital display Bluetooth/wireless connectivity for data logging	1
20	Tractor-drawn reversible plough	2 row Working depth ~12 inch 3-point linkage mounted Hydraulic turnover	1