



CENTRAL UNIVERSITY OF SOUTH BIHAR

SH-7, Gaya- Panchanpur Road, Village- Karhara, Post- Fatehpur,
P.S- Tekari, District- Gaya (Bihar) PIN- 824 236

NOTICE INVITING TENDER

Supply of Laboratory Equipment for Department of Agriculture

Central University of South Bihar Gaya invites proposals for Gaya Campus for **Supply of Lab Equipment for Department of Agriculture** as per details mentioned below (**Annexure-A**) from the reputed Manufacturer/ Distributor/ Reseller/ Service Provider/ Stockiest/ Indian Agency. You are requested to kindly send the quotations/ proposals latest by **03/10/2025 till 4:00 PM** to the below mentioned address **by registered post / speed post /in drop box (Tender Box)**:

To,

**The Registrar (Tender Document)
Central University of South Bihar
SH-7, Gaya- Panchanpur Road,
Village- Karhara, Post- Fatehpur,
P.S- Tekari, District- Gaya (Bihar)
PIN- 824 236**

Email- registrar@cub.ac.in

Website- www.cusb.ac.in

Contact – 0631-2229519

CPP Portal web site:

www.eprocure.gov.in/epublish/app/epublish/app



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Index for Tender Form

Sl. No.	Details	:	Deadline
1.	Tender Notice No.	:	CUSB/PSD/AGRI/EQUIP/T/05/2025-26 Date: 10/09/2025
2.	Name of work	:	Supply of Lab Equipment for Department of Agriculture
3.	Tender Fee	:	Rs. 500/- in shape of DD
4.	Earnest Money Deposit	:	Rs. 25,000/- in shape of DD in favour of Central University of South Bihar payable at GAYA .
5.	Start of submission of Bids	:	10/09/2025
6.	Last date and time for receipt of Bids	:	03/10/2025 by 4:00 PM
7.	Place of opening of Bids	:	CUSB Panchanpur, Gaya
8.	Time allowed for completion of delivery and installation	:	8 weeks after issue of Purchase Order

Note: Prospective bidder may visit the site to understand the location, surroundings, terrain and specifications/requirement before submission of bid.

Financial:

The firms should have an average annual financial turnover of at least of Rs. 25 Lakhs during the preceding last 3 (three) consecutive financial year from 2023-24.

Physical:

The firms should have submit at least three copy of orders related to supply of lab equipment out of those, one must be value of at least 10 lakhs issued in last three years as proof of experience.

Price Bid: The bidder has to quote the rate in '**Financial Bid Proforma**' as per the item list given in **Annexure-A** in a separate sealed envelope stating '*Financial Bid Document*' along with *Tender Number* kept in Main Envelope. The rate quoted should be inclusive of all taxes, packing, labour charges, freight charges etc. in figure as well as in words for total amount. The University reserves the right to cancel the tender, if any false information is furnished.

Tender Documents should be kept in these forms

Envelop -A	EMD & Tender Fee / MSME Certificate
Envelop-B	Technical bid with all requisite certified documents and credentials along with un-filled (blank) financial bid.
Envelop-C	Financial Bid Document



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Terms & Conditions

1. Bid/ Quotation will be sent by courier/ registered post/ speed post/ by hand (to be submitted in Tender Box) and will not be accepted after last date of submission.
2. The relevant papers in regards to eligibility criteria along with Tender Fee/EMD should be in sealed envelope. Bidders should clearly mention NIT reference on envelop CUSB/PSD/AGRI/EQUIP/T/05/2025-26, Date: 10/09/2025. EMD in shape of Demand Draft of **Rs. 25,000/-** should be in favour of “Central University of South Bihar” Payable at Gaya.
3. The rate offered should be quoted **F.O.R CUSB Gaya Campus**.
4. Quoted amount should be inclusive of all and no extra charges shall be paid over that if once order is placed.
5. The firms are requested to give detailed description and specification together with detailed drawings and printed leaflets and literature of the articles quoted.
6. Quotation should have validity of at least 90 days from the date of opening.
7. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved to the Competent Authority of University.
8. **On submission of MSME/Other relevant Govt. Documents as per GFR norms, EMD shall be exempted. But Tender Fee is to be submitted anyhow.**
9. **Splitting of item(s) is allowed for this tender. Tenderer shall quote for one or all equipment and L-1 shall be decided on item by quoted price.**
10. **WARRANTY :** Equipment supplied should not be obsolete /used/old stock but should be of requisite specification/make with standard warranty but not less than **one year**.
11. **Delivery period :** for supply of material within **8 weeks**, F.O.R. CUSB Gaya from the date of issuance of Purchase Order.
12. **PENALTY :** The penalty @ 1% per week subject to a maximum of 10% of the delayed delivery price will be deducted from the balance payment if supply is not completed within stipulated period.
13. **Payment Terms :** Our standard payment terms & condition is 100% against delivery and successful satisfactory report by concerned section/ department.
14. **Security Deposit / Performance Bank Guarantee :** 10% equivalent to invoice value shall be kept as Security Money to be submitted in form of DD/BF/FDR for a period beyond 60 days of warranty of the items.
15. Unless otherwise stated delivery of goods at **CUSB Gaya Campus** as per conditions as specified in Purchase Order.



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16. Copies of GST registration certificate of the firm, with the TIN number clearly indicated therein will have to accompany the quotation to be submitted.
17. Compliance sheet about the specification asked must be enclosed with the proposal.
18. The bidders to submit the signed copy of tender document with the proposal.
19. EMD of unsuccessful bidders shall be refunded once order is placed but the same of Successful bidder shall be refunded after completion of one year period.
20. The quotations are liable to be rejected if the fore going conditions are not complied with. Printed conditions of the firm, if any, will not be binding on us. Late and delayed tender will not be considered.
21. All disputes are subject to exclusive jurisdiction of Competent Court and Forum in Gaya, India only.
22. CUSB reserves the right to cancel the tender at any stage.



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CHECKLIST

We hereby declare that the following requirements have been fulfilled by us –

Sl. No.	Particulars	Page Number
ENVELOPE-‘A’		
1	Tender Fee Rs. 500/- in form of Demand Draft in favour of “Central University of South Bihar”, Payable at Gaya.	
2	Earnest Money Deposit (EMD) of Rs. 25,000/- in form of Demand Draft/Bank Guarantee/FDR in favour of “Central University of South Bihar”, Payable at Gaya.	
3	MSME / OTHERS for waive off the EMD, if registered	
ENVELOPE-‘B’		
4	Copy of PAN Card	
5	Copy of GST No.	
6	Copy of ITR of the last three years.	
7	Audited Balance Sheet of last 03 years, if applicable	
8	Documentary evidence for the turnover of last financial year with compliance to Financial Eligibility Criteria	
9	Experience certificate of job in related areas and copy of Purchase Order be attached with the tender document with compliance to Physical Eligibility Criteria	
10	Any Product Manual	
11	Certificate related to one year warranty of supplied Items	
12	Copy of Memorandum and Article of Association, Certificate of Incorporation, Partnership Deed, Registration Certificate issued by the Registrar of Firms etc.	
13	ISO Certificate	
14	Non-Blacklisting Certificate	
15	Every page of the tender documents and the enclosed copies of the certificates must be signed with seal.	
ENVELOPE-‘C’		
16	Duly filled in ‘PRICE BID PROFORMA’ in separate envelope kept in Main Envelope	*



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TECHNICAL BID PROFORMA

NIT No. :	CUSB/PSD/AGRI/Equip/T/05/2025-26, Date: 10/09/2025	
Subject :	Supply of Lab Equipment for Department of Agriculture	
1.	Name of the Organization/Firm	
2.	Head Office / Registered Office	
	Telephone No/mobile No.	
	Fax No.	
	Email	
	Web site (if any)	
	Date of Establishment	
	Branch Office in Gaya , if any	
	(Provide Complete Address)	
	Telephone No.	
	Fax No./Email	
3.	Name of Director / Chief Executive/ Proprietor / Partners with Designation	
	Telephone No./Mobile No.	
	Fax No./ Email	
4.	Name of Contact Person	
	Telephone No./Mobile No	
	Fax No./Email	
5.	Type of Organization	Certified Documents to be enclosed
a.	Proprietary	Trade License
b.	Partnership	Partnership Deed, Trade License
c.	Private Limited Company	Memorandum of Article
d.	Public Limited Company	Certificate of Registration
e.	Public Sector	Trade License



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6. Nature of Business (tick the relevant)					
Manufacturing		Service		Dealership	
Stockiest		Indian Agent		Indian Branch Office	
Others Pl. Specify					
7. Class / Type of Product / Materials Manufactured / Sold / Serviced/ Fabricated					
Scientific Equipment		Electronics		Lab Consumables & Chemicals	
Electrical Items		Computer Peripherals		Computers	
Laboratory Equipment		Office Automation Product		Electrical Works	
Sport Materials		Water Coolers		Air-conditioners	
AV Equipment		Boards		Other, please specify.....	
Audited Annual Turnover during last 3 years (Rs. In Lakhs) (enclose Chartered Accountant's certification & Income Tax Return Copy)					
Year		Rupees (in Lakhs)		Annexure (Number)	
2023-24					
2022-23					
2021-22					
8. Commercial Information (enclose Attested Copy wherever Applicable)					
Sl. No.	Information	Details		Annexure (Number)	
a.	GST Registration Number				
b.	Excise Registration Number Trade / Factory License Number				
c.	PAN No.				



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d.	Details of Registration Certificate with DGS&D/NCCF			
e.	SSI/NSIC/MSME Certificate			
f.	Current dealership agreement with Principal Letter No. / Date / Valid upto			
g.	Relevant IISI/ SO Certificate, if any			
h.	<u>Bank Details :</u> Account No.			
i.	Name of Bank & Branch			
j.	IFSC Code			
k.	Details of Tender Fee	Amount:	DD No. & Date	Name of the issuing Bank & Branch
l.	Details of EMD	Amount:	DD No. & Date	Name of the issuing Bank & Branch
m.	Details of Previous Supply in Govt. Organisations/ Govt. Educational Institutions	Name of the organization	Item Supplied / Qty.	Total Value (Rs in lakhs)



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9.	MSME Entrepreneur	Comment				
9.1.	Is the bidder MSME Entrepreneur	Y/N				
9.2.	If yes, the category (GEN/OBC/SC/ST/Women)	GEN	OBC	SC	ST	WOMEN
I/ We hereby give an undertaking that the information provided are true to the best of my knowledge and belief. If anything found to be false at any stage my tender will be liable to be rejected and EMD amount will be forfeited.						
Signature of authorized representative:						
Date:						
10.	Note					
10.1.	Separate information sheet may be provided for item (s) in case space provided is not adequate.					
10.2.	Affidavit on Non Judicial stamp paper duly attested by Magistrate/Notary shall also be furnished by the bidder regarding Non-blacklisting.					

Sd/-

Registrar



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VENDOR DETAILS FORM

1.	Do you have a PFMS Unique ID (please tick)	NO	YES	UID No.-
2.	Name of the Firm			
3.	Address with City Name & Pin Code			
4.	Contact No.			
5.	Email ID			
6.	GST No. (Yes / No)	GST No. -		
		If YES, a copy of GST CERTIFICATE must be attached.	If NO, duly signed/sealed attached DECLARATION OF GST NON-ENROLMENT must be submitted.	
7.	PAN No.			
8.	TIN No.			
9.	ADHAR No.			
10.	Name of the Contact Person With Mobile No. & E-mail ID	Name :		
		Mobile :	E-mail ID :	
11.	Bank Account Details			
	Beneficiary Name			
	Bank Name & Branch			
	Bank Account Number			
	IFSC Code			
	MICR Code			
	Type of Bank Account	Saving Account	Current Account	Cash Credit
Telephone no. and E-mail of Bank Branch	Telephone			
	Email ID			
12.	Vendor Type (please tick)	Manufacturer	Distributor	Reseller
		Service Provider	Stockiest	Indian Agency

Signature of Vendor with Seal

Name: _____

Date: _____



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DECLARATION OF GST NON-ENROLMENT

DECLARATION OF GST NON-ENROLMENT

Dear Sir/Madam,

Sub: Declaration of non-requirement of registration under the
Central/State/UT/Integrated Goods and Services Tax Act, 2017

I/We.....(*Name of the service provider/business entity*), do hereby
declare that I/we am/are not registered under the Goods and Services
Tax Act, 2017 as (*select and fill below for the relevant reason*)

-I/We deal in/supply the category of goods or services
.....(*Describe the nature of the services/goods*) which are
exempted under the Goods and Service Tax Act, 2017.

-I/We have the annual aggregate turnover below the taxable limit
as specified under the Goods and Services Tax Act, 2017.

-I/We are yet to register ourselves under the Goods and Services
Tax Act, 2017.

I/We hereby also confirm that if anytime during any financial year
I/we decide or require or become liable to register under the GST,
I/we undertake to provide all the requisite documents and
information.

I/We request you to consider this communication as a declaration for
not requiring to be registered under the Goods and Service Tax Act,
2017.

I/We hereby also confirm that(*Name of the service
recipient*) shall not be liable for any loss accrued to me/us, due to
any registration default with the GST.

Signature of Authorised Signatory:

Name of the Authorised Signatory:

Name of Business:

Date:

Stamp/Seal of the business entity:



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UNDERTAKING BY THE TENDERER(S)

(On letterhead)

NAME OF WORK:

Tender Notice No. :

We confirm that we have quoted the rates in the tender considering Inter-alia the

1. **Tender Document(s) including all Annexures, Technical Specification, Scope of Vendor, Special Condition of Contract & Purchase Rules and Procedure of University.**
2. **Additional Document(s) (if any)**
3. **BOQ Document (Price Bid Format)**
4. **Corrigendum (if any)**
5. **Pre Bid Meeting Minutes (if any)**

We _____ (Name of the Tenderer) hereby certify that we have fully read and thoroughly understood the tender requirements and accept all terms and conditions of the tender including all corrigendum/addendum issued, if any. Our offer is in confirmation to all the terms and conditions of the tender including all corrigendum/addendum, if any and minutes of the pre-bid meeting. In the event our offer is found acceptable and contract is awarded to us, the complete tender document shall be considered for constitution of Contract Agreement.

SIGNED FOR AND ON BEHALF OF TENDERER(S)

Name of Tenderer(s)

Date : _ _ / _ _ / _ _ _ _

Place :

Seal & Signature of Tenderer

NOTE: This declaration should be signed by the Tenderer's authorized representative on COMPANY LETTERHEAD who is signing the Bid and same to be submitted with Tender.



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Annexure-‘A’

(LIST OF LABORATORY EQUIPMENT)

S. NO	EQUIPMENT NAME	SPECIFICATIONS	Qty
1	Cup Anemometer	<ul style="list-style-type: none">• 100-point data logger, key operation• protection class IP 65• wind direction not important for measurement• units: m/s, km/h, ft/min, knots and miles/h• LC display 28 x 19 mm• Auto-Power Off / MIN, MAX and HOLD functions (m/s) 0.9 ... 35.0 (ft/min) 144 ... 6895 (km/h) 2.5 ... 126.0 (mph) 1.6 ... 78.2 (knots) 1.4 ... 68.0 Resolution 0.1 m/s; 0.1 km/h; 0.1 knots 0.1 mph; 1 ft/min Accuracy ± 2 % Memory 100 values Cups \varnothing 135 mm, plastic Power supply 4 x 1.5 V AAA batteries Operating conditions 0 ... +50 °C, <80 % RH Dimensions / weight 190 x 40 x 32 mm / 180 g INCLUDES Cup anemometer, batteries, case, instruction manual ISO calibration certificate	01
2	Double Ring Soil Infiltrometer	Maximum measuring depth 0 cm Measured parameters Infiltration ratio Reading accuracy 1 mm Registration type Manual Package size 65 x 65 x 50 cm Weight 56 kg	02
3	Soil Scoop Stainless Steel	Scoops are used for transferring Soil, Cement, Aggregate or Any Other Grainy Material Or Powder. They are made up of Stainless Steel/Aluminium fitted with handle. Assorted sizes and types are available. Made up of Stainless Steel / Aluminium. Capacity: 325 cc, 500 cc, 1000 cc, 2000cc and 5000cc	50
4	Soil Auger, Length 1 meter	Single gouge auger - hard soils Maximum sampling depth 1 m Sample diameter 25 mm Sample specification Semi-disturbed Sample length 100 cm Product material Steel, other material	15
5	Hot Air Oven	<ul style="list-style-type: none">• Chamber Construction:- Stainless Steel AISI304 with outer Body MS Powder Coated Epoxy Coated• Power Switch:- On/Off type rocker Switch• Controller:- PID Controller With time input Showing Heater On/Off and Set & Process Value with over current protection• Accuracy:- ± 0.5	01



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		<ul style="list-style-type: none">• Alarm:- For Under and Over temperature• Safety:- Over Temperature independent Cut off. with power off memory, independent over temperature protection should meet DIN 12880 international standard requirements• Temperature Range:- Amb +15 to 300 Deg Cel. with temperature limit protection• Chamber Capacity:- 90 Ltrs• Chamber Dimension:- 18"x18"x18" (inch) (WxDxH)• Exterior Dimension:- 24"x30"x32" (Inch) (WxDxH)• Weight :- 60 Kgs• Packaging Dimension Wooden:- 28"x34"x38" (inch) (WxDxh)• Packaging Weight:- 80 Kgs	
6	Portable/Benchtop Refractometer	<p>Brix: 0.0-95% Refractive Index: nD 1.3330 To 1.5318 Least Count: nD 0.0001 Accuracy: ±0.1% (Brix) Accuracy: ±nD 0.0002 Resolution: 0.1% (Brix) Measurement Temperature: 10-40°C(ATC) For Brix Environment Temperature: 10-40°C Sample Volume Needed: >0.4ml Power Supply: Mains Dim/G.M 180(W)X100(D)X55(H)Mm,365G (Excluding Battery) Measure Time: 2s Protection Class: Ip67 For the Sensor The Prism Material: Sapphire Prism (Features: 5 Inches Big Lcd Screen</p>	01
7	MICROSCOPE 1	<p>Main body: ECLIPSE Ei binocular set ECLIPSE Ei trinocular set Optical system: CFI infinity optical system Illumination: High luminescent white LED illuminator, 45mm diameter filter can be installed Eyepieces: (F.O.V., mm) With diopter adjustment • EC-E CFI 10X (20) • E2-CFI 15X (12)* Focusing mechanism: Coaxial coarse/fine focusing, Cross roller guide, Focusing stroke: Up 2 mm/Down 13 mm, Coarse: 37.7 mm/rotation, Fine: 0.2 mm/rotation, With coarse focus knob torque adjustment ring, Includes stage vertical movement stopper Tubes: EC-T-TB Binocular tube, Inclination: 30°, Pupillary distance: 50 - 75 mm, Eyepoint height: adjustable to 2 positions EC-T-TF Trinocular tube, Eyepiece/Port: 50/50, Inclination: 25°, Pupillary</p>	01



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		<p>distance: 50 - 75 mm, Eyepoint height: adjustable to 2 positions</p> <p>Revolving nosepiece: Reversed-type quadruple nosepiece (within main body)</p> <p>Stage: Rectangular mechanical stage (within main body), with specimen holder, with vernier calibrations, Cross travel: 76 (X) x 30 (Y) mm</p> <p>Objectives: (NA / W.D.)</p> <ul style="list-style-type: none"> • CFI BE2 Plan Achromat 4X (0.1 / 25mm) • CFI BE2 Plan Achromat 10X (0.25 / 6.7mm) • CFI BE2 Plan Achromat 20X (0.4 / 3.7mm) * • CFI BE2 Plan Achromat 40X (0.65 / 0.6mm) • CFI BE2 Plan Achromat 60X (0.8 / 0.25mm) * • CFI BE2 Plan Achromat 100X Oil (1.25/0.14mm)* <p>Condenser: Abbe Condenser, NA 0.1~1.25, Color-coded position guide markings of aperture diaphragm, corresponding to objective magnifications</p> <p>Observation method: Brightfield</p> <p>Fungus-proof treatment Antifungal paint is applied around optical system</p> <p>Optional accessories: Object marker, Eyepiece pointer, 45mm diameter filter, Objective micrometer</p> <p>Power supply: Uses the included AC adapter (input: 100-240 VAC, 0.48A Max., 50-60 Hz, output: 5.0 VDC, 3.0A Max.)</p> <p>Power consumption (max.): Nominal value: 4 W</p> <p>Weight: (approx.) 5.2 kg ↑ 5.5 kg</p>	
8	MICROSCOPE 2	<p>Body</p> <p>Aluminium die-cast body with all critical movements based on ball bearing and wire guides thereby ensuring smooth and precise manipulation</p> <p>Mechanical Stage</p> <p>Co-axial low drive mechanical stage with wire movement (120mm x 132mm) (+/-5mm) with traverse area of 30mm x 76mm (+/-5mm) with single slide holder</p> <p>Focusing System</p> <p>Co-axial coarse and fine controls with a focus adjustment and fine adjustment knobs. Coarse focus range 20mm. Fine focus rotation 0.25mm</p> <p>Condenser Holder</p> <p>Rack and pinion mounted condenser holder</p> <p>Condenser</p> <p>Abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack & pinion and a continuously variable iris diaphragm</p> <p>Illumination Base With Option</p> <p>(a) Built-in illumination base with pre-centered 6V 20W halogen light source coupled with an efficient collector lens system. Universal power supply 100V-230V AC 50Hz single phase</p> <p>Halogen Version</p>	01



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		<p>Halogen Version (b) 3W LED light source high brightness, longlife (30,000hrs)</p> <p>Nose Piece Quadruple revolving nosepiece based on precision ball-bearing mechanism with positive click stop</p> <p>Objectives Plan Achromat Objectives 4x 10x 40x (spring loaded) 100x (oil, spring loaded) N.A. 0.10 0.25 0.65 1.25</p> <p>Illumination Base With Option Binocular head (30 degree inclined sientopf), 360 degree rotatable, diopter adjustment Trinocular head (30 degree inclined sientopf), 360 degree rotatable, diopter adjustment Eyepiece (wide field) for Observation WH 10x (FN 20mm) paired eyepiece. The unique optical design provides relief from eye fatigue and renders wide-field images of utmost clarity. Compatible with optionally available eyepiece micrometer</p>	
9	Insect Boxes	<p>Technical Specification :</p> <p>Raised wooden wall with holes for insecticide, inside bottom to make box air- tight and pest proof. Fitted with brass hinges, index card holder and clips. For pinning of insects both top and bottom insides. Teakwood frame with sunmica top & plywood bottom is finished in lacquer polish. Top & bottom lined with 8 mm thick EVA sheet. Inside glazed white with art paper.</p>	10
10	seed moisture meter	<p>Display:4 digital LCD Measuring range:0-50% Resolusion:0.1 Needle:280mm Accuracy:2% Measuring Condition: Temperature:0-60°C Humidity:5%-90%RH Power supply:4x1.5 AAA size (UM-4) battery and have to supply with atleast 100 batteries aalong with order.</p>	02
11	Lactometer	<p>Purpose: Designed to measure the specific gravity of milk in the range of 1.020 to 1.035 at a calibrated temperature of 27 °C, using liquids with a surface tension of 50 mN/m.</p> <p>Size: Should be usable with containers holding approximately 200 ml of milk.</p>	10



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		<p>Form & Shape: Both stem and bulb must be circular in cross-section with no abrupt changes—helps with easy cleaning and avoids air entrapment.</p> <p>The bulb is a glass cylinder that ends in a hemisphere at the top and a cone at the bottom, as shown in the standard's figure.</p> <p>Material: Made from clear, neutral, well-annealed glass, resistant to scratches and chemical corrosion.</p> <p>Weighted using lead shots or mercury, fixed securely with a heat-resistant cement that doesn't soften below 80 °C.</p> <p>Balance & Stability: The device must float vertically within 1.5°, keeping it steady and accurate in milk.</p> <p>The axis of the stem must align with the bulb's axis.</p> <p>Markings: Printed clearly in black ink on high-quality non-glazed off-white or orange paper.</p> <p>No thermometer should be included.</p> <p>Surfaces in contact with milk must be free from etched or sand-blasted marks. and must comply with the IS 9585 : 2021: Lactometers - Specification by Bureau of Indian Standards</p>	
12	THERMOMETER	<p>Temperature Range: -40 to 482°F Resolution: 0.1° Accuracy: ± 0.9°F from -4 to 482°F, otherwise ±1.8°F Response Time: 2 seconds within 1 degree Calibrated: 40°F and 140°F Battery: CR2032 3V button cell</p> <p>GETTING STARTED Extend probe and thermometer is ready to use.</p> <p>DESCRIPTION (FRONT)</p> <ol style="list-style-type: none">1. Probe 18/8 stainless-steel2. Food Safe Antimicrobial coating3. 2 inch LCD4. Opening for lanyard <p>SWITCHING BETWEEN C°/F° Using the C° / F° switch found inside battery compartment, toggle between Celsius and Fahrenheit. Simply twist open battery cover and remove battery to access switch.</p> <p>DESCRIPTION (BACK)</p> <ol style="list-style-type: none">1. Battery compartment2. Probe compartment3. Magnetic back	02



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		<p>SLEEP MODE Thermometer will automatically enter sleep mode after 60 seconds. Simply retract and extend probe to exit sleep mode and continue use.</p> <p>MAGNETIC BACKING Unit has a built-in magnetic backing to allow for convenient storage. Magnetic backing may not work on stainless steel surfaces.</p> <p>SPLASH RESISTANT Thermometer is rated at IP65 splash resistance. It is protected against low pressure jets of water, such as splashes from a tap.</p> <p>TAPERED SENSOR TIP The ultra-sensitive thermistor sensor is located at the tip of the probe, requiring a minimum insertion distance of 0.25 inches (5 mm).</p> <p>ANTIMICROBIAL COATING Silver-based antimicrobial additive is impregnated into the plastic shell to inhibit the growth of pathogens. Efficacy is rated at 99% or greater.</p>	
13	SELF RECODING RAIN GAUGE	<p>Self-recording rain gauge (SRRG) is an automatic device used to record a continuous rainfall for 24 hrs on a daily chart, if rain occurs.</p> <ul style="list-style-type: none"><input type="checkbox"/> The characteristics of rainfall events viz. onset and cessation of rainfall, duration of rainfall, intensity of rainfall and the total amount of rainfall in mm can be obtained from the rainfall chart.<input type="checkbox"/> UNIT:<ul style="list-style-type: none"><input type="checkbox"/> Milimeter (mm)<input type="checkbox"/> LEAST COUNT:<ul style="list-style-type: none"><input type="checkbox"/> 0.5 mm<input type="checkbox"/> TIME OF OBSERVATIONS:<ul style="list-style-type: none"><input type="checkbox"/> Continuous observations on the chart every day at 08:30 hrs as and when there is rain.<input type="checkbox"/> DETAILS OF EQUIPMENT:<ul style="list-style-type: none"><input type="checkbox"/> It is a float type rain recorder in which the rain is led into a float chamber containing a light, hollow float.<input type="checkbox"/> The rain gauge is installed on a level ground and fixed on a masonry foundation of 60 × 60 × 60 cm³ sunk into ground.<input type="checkbox"/> Base of the gauge is cemented into the foundation so that the rim of the gauge is exactly 75 cm above the case of self recording rain gauge.<input type="checkbox"/> If the height of the rim were more, the rainwater collected would decrease because of the change in wind speed near the ground.<input type="checkbox"/> Rainwater is entering the receiver through an 8-inch diameter funnel.	01



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		<ul style="list-style-type: none"><input type="checkbox"/> The receiver is consisting of float and siphon chamber.<input type="checkbox"/> MEASURING PROCEDURE:<ul style="list-style-type: none"><input type="checkbox"/> A pen is mounted on the stem of the float and as the level of water rises in the receiver, the placed on a rotating drum with clockwork arrangement, the amount of water in a receiver continuously.<input type="checkbox"/> The clock work drum revolves once in 24 hrs.<input type="checkbox"/> Siphoning starts automatically when the pen reaches the maximum point of the chart.<input type="checkbox"/> If the rain continues, the pen rises again from the zero line on the chart.<input type="checkbox"/> If there is no rain, the pen traces the horizontal line from where the rain stopped.	
14	Sunshine recorder	<ul style="list-style-type: none"><input type="checkbox"/> Solar radiation can be estimated by using the bright sunshine duration data.<input type="checkbox"/> UNIT OF BRIGHT SUNSHINE:<ul style="list-style-type: none"><input type="checkbox"/> Hours<input type="checkbox"/> LEAST COUNT:<ul style="list-style-type: none"><input type="checkbox"/> 0.1 hour or 6 minutes<input type="checkbox"/> TIME OF OBSERVATIONS:<ul style="list-style-type: none"><input type="checkbox"/> Remove the burnt card in the evening after sunset.<input type="checkbox"/> Insert the new card in the appropriate groove before sunrise or after sunset.<input type="checkbox"/> DETAILS OF EQUIPMENT:<ul style="list-style-type: none"><input type="checkbox"/> The name of instrument is Campbell Stokes sunshine recorder.<input type="checkbox"/> The instrument consists of a glass sphere of 10 cm diameter, mounted concentrically in a section of a spherical bowl.<input type="checkbox"/> Three overlapping pairs of grooves are provided in the bowl to take cards suitable for different seasons of the year.<input type="checkbox"/> Short curve cards are inserted on the upper groove in winter season from 15th October to end of February.<input type="checkbox"/> Long curve cards are inserted on the lower groove in summer season from 12th April to 2nd September.<input type="checkbox"/> Straight cards are inserted on the middle groove during equinoxes from 3rd September to 14th October and 1st March to 11th April.	01
15	Tensiometer	<p>Specifications:</p> <p>MATERIALS: C.A.B plastic, ceramic, neoprene, EPDM, bronze, brass, stainless-steel</p> <p>TIP: SR (white) threaded replaceable tip, suitable for a wide range of soil types</p>	03



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		<p>DIAL SIZE: 2.5 in. (63 mm) GAUGE CASE: AISI 304 Stainless steel membrane vented case, IP 67 GAUGE WINDOW: Polycarbonate with EPDM gasket seal GAUGE DIAL: Scale of 0-100 cb (kPa), white with contrasting green markings ACCURACY: +3-2-3% of gauge span, ASME B40.1 Grade B OPERATING TEMPERATURE: 33° to 150° F (0.5° to 65° C) WARRANTY: One year WEIGHT: 12” (30cm) instrument: 0.97 lb (0.44 kg), increasing 0.25 lb. (0.114 kg) per ft. DIMENSIONS: Reservoir Section: 5.125” (130 mm) ht, 2” (55 mm) dia Water Tube: 6” (1 5cm) to 60” (150 cm) len, .875” (22 mm) dia</p>	
16	Wind vane	<p>Principle Hall effect sensor Measuring Range 0 to 360° Threshold 0.25 m/s Accuracy ±5° Output Signal 0 to 1 V Connector 4-pin IP65 watertight connector Housing Material Anodized aluminum Power Supply 10 to 14 V DC Power Consumption 10 mA Mounting Compatibility Mast diameter Ø 48 to 50 mm Operating Temperature -35°C to +70°C (without ice) Data Logger Compatibility M-Log (ELO007-008), R-Log (ELR515), E/X-Log (all models)</p>	02
17	Conductivity Meters	<p>1. Name of the Item: Conductivity Meter Kit (with Temperature & Salinity Measurement Capability) 2. Description & Compliance Requirements: Parameter Required Specification Kit Inclusions Meter, integrated electrode stand, power supply, Conductivity/Temperature probe, calibration solutions (250 mL bottles) Display Large monochrome LCD for clear data viewing Electrode Holder Integrated holder for up to 2 electrodes, attachable on either side of the meter User Interface Simple interface with single parameter display Data Memory Must store minimum 1000 data points Temperature Compensation Automatic Temperature Compensation (ATC) with user temperature calibration Measurement Modes Real-time measurement with auto stable, auto hold, and manual modes; includes stability indicators Auto Shut-Off User-adjustable 1 to 30 minutes Connectivity Must include USB PC interface and 25-pin serial printer output via 2.5 mm phono jack Measurement Capabilities Must support Conductivity, TDS, Salinity, and Resistivity; pH/ORP optional in higher models</p>	02



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		Warranty Minimum 3-year manufacturer's warranty Optional Models Vendor may offer PC model (with pH, ORP/mV) or EC model (only Conductivity/TDS/Salinity/Resistivity) 3. Additional Notes: - The offered model must be clearly mentioned along with a complete product catalog. - Calibration solutions and probe must be compatible and traceable to standard references. - Warranty card and compliance certificates must be supplied with the product. - Model selection must match user needs (EC or PC type). Vendor must clearly specify.	
18	Moisture Tin box	To determine moisture contents in soil and other material . These are made from aluminium or stainless steel. Sizes available are (a) 25mm dia. (b) 50mm dia. (c) 75mm dia. (d) 80mm dia (e) 100mm dia (f) 150mm dia and (g) 200mm dia. and the supplier must supply atleast 3 pcs of all sizes	100
19	Seed Germinator	<ul style="list-style-type: none">• Capacity:- 100 Ltrs• Temperature Range:- 15°C to 60°C• Relative Humidity 40 to 95%• Accuracy:- ±0.5 °C• Uniformity:- ±0.5 °C• Resolution:- 0.1• Nos of Shelf:- 2 Nos• Shelf Load Bearing Capacity:- 18 Kgs• Power Supply:- 210-240V, 50/60Hz, Power 1250 W• Chamber Construction:- Stainless Steel AISI304• Air Circulation:- Forced air Circulation• Compressor:- CFC Free refrigerant Compressor Unit• Controller:- PID Controller• Glass View Door- Yes• Lighting :- LED light For Better View Inside• Safety:- Over temperature and Current Protection• Certification:-<ul style="list-style-type: none">o ISO 9001:2015o CE Certification	01
20	Muffle Furnace	1. Application: Furnace shall be used for high-temperature applications including ashing, heat treatment, material testing, and other general laboratory procedures up to 1100°C. 2. Technical Specifications: <input type="checkbox"/> Capacity: 3.6 Liters (Approx. 219.7 cu in) <input type="checkbox"/> Chamber Dimensions: - Width: 15 cm (5 29/32 in) - Height: 12 cm (4 47/64 in) - Depth: 20 cm (7 7/8 in) <input type="checkbox"/> Maximum Temperature: 1100°C (2012°F) <input type="checkbox"/> Control Type: Digital PID controller with microprocessor <input type="checkbox"/> Temperature Accuracy: PID regulation with alarm system and auto shut-off on thermocouple failure	01



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		<ul style="list-style-type: none"> <input type="checkbox"/> Heating Elements: Kanthal® AF heating elements <input type="checkbox"/> Power Requirement: 220V AC <input type="checkbox"/> Heater Wattage: 1200 Watts <input type="checkbox"/> Construction: <ul style="list-style-type: none"> - Double low thermal mass insulation for reduced external housing temperature - Insulating ceramic fiber construction for faster heating - Drop down door (work platform) and side swing door for user safety and access - Ceramic chimney for exhaust - Compact, lightweight design <input type="checkbox"/> Control Panel: <ul style="list-style-type: none"> - Lower front or lateral panel with solid state relay - Digital control PAD with multiple programming capability - Non-volatile memory for data retention - Ethernet/RS-232 communication port - Inbuilt data logger and programmer 3. Features: <ul style="list-style-type: none"> <input type="checkbox"/> Easy loading via dual door design (drop-down and swing) <input type="checkbox"/> Safety shut-off for thermocouple failure <input type="checkbox"/> Hermetic door seal <input type="checkbox"/> Chrome-phosphatized metal base with heat-resistant coating <input type="checkbox"/> External finish with heat-resistant metal paint 4. Accessories (Optional): <ul style="list-style-type: none"> <input type="checkbox"/> Spare heating elements <input type="checkbox"/> Programmable temperature profiles <input type="checkbox"/> Temperature calibration certificate <input type="checkbox"/> Additional ceramic hearth plate or insulation blocks 5. Warranty & Service: <ul style="list-style-type: none"> <input type="checkbox"/> Minimum 3-year comprehensive warranty <input type="checkbox"/> Local service support must be available <input type="checkbox"/> Spare parts availability for minimum 5 years 6. Certifications: <ul style="list-style-type: none"> <input type="checkbox"/> CE certified or equivalent <input type="checkbox"/> OEM must be ISO 9001 certified 7. Scope of Supply: <ul style="list-style-type: none"> <input type="checkbox"/> Muffle Furnace unit with digital controller <input type="checkbox"/> Power cable, user manual, and tool kit <input type="checkbox"/> Exhaust chimney <input type="checkbox"/> Calibration certificate (traceable to national standards) 	
21	Laboratory Refrigerator	<p>1. Application: The unit shall be used for safe and stable storage of vaccines, reagents, diagnostic kits, temperature-sensitive laboratory chemicals, and biological samples in a controlled refrigerated environment.</p> <p>2. Technical Specifications:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Effective Storage Capacity: Approx. 400 Liters <input type="checkbox"/> Temperature Range: +4°C to +14°C <input type="checkbox"/> Temperature Control System: Thermistor sensor with microprocessor-based PID controller 	01



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	<ul style="list-style-type: none"><input type="checkbox"/> Temperature Uniformity: Maintained by forced-air circulation system<input type="checkbox"/> Defrost System: Timer-controlled off-cycle defrost<input type="checkbox"/> Control Panel:<ul style="list-style-type: none">- Digital display panel located above the door- Non-volatile memory for settings retention<input type="checkbox"/> Alarms:<ul style="list-style-type: none">- Visual and audible alarm for high/low temperature- Door open alarm<input type="checkbox"/> Access Port: Minimum 30 mm rear access port for external probes <p>3. Construction & Design:</p> <ul style="list-style-type: none"><input type="checkbox"/> Exterior: Painted steel with heat-resistant finish<input type="checkbox"/> Interior: ABS resin with rigid polyurethane foam insulation<input type="checkbox"/> Door: Single, self-closing double glass door with anti-condensation heater<input type="checkbox"/> Shelving:<ul style="list-style-type: none">- Five adjustable wire shelves- Minimum load capacity: 30 kg per shelf<input type="checkbox"/> Mobility:<ul style="list-style-type: none">- Four castors with two leveling feet <p>4. Utilities:</p> <ul style="list-style-type: none"><input type="checkbox"/> Power Supply: 230V AC, 50Hz<input type="checkbox"/> Noise Level: ≤ 48 dB(A) <p>5. Physical Dimensions:</p> <ul style="list-style-type: none"><input type="checkbox"/> External (W x D x H): 610 mm x 716 mm x 1886 mm<input type="checkbox"/> Internal (W x D x H): 516 mm x 550 mm x 1467 mm<input type="checkbox"/> Net Weight: Approx. 81 kg <p>6. Warranty & Certifications:</p> <ul style="list-style-type: none"><input type="checkbox"/> Minimum 2 years comprehensive onsite warranty<input type="checkbox"/> OEM must be ISO 9001 certified<input type="checkbox"/> CE certification or equivalent <p>7. Scope of Supply:</p> <ul style="list-style-type: none"><input type="checkbox"/> Laboratory Refrigerator unit<input type="checkbox"/> Power cable<input type="checkbox"/> User manual<input type="checkbox"/> Calibration certificate (traceable to national/international standards) <p>Note: Bidders must submit OEM datasheet, compliance statement, and user manual along with the offer.</p>	
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FINANCIAL BID PROFORMA

TENDER NOTICE NO. : CUSB/PSD/AGRI/EQUIP/T/05/2025-26

DATE : 10/09/2025

SUB.: Supply of Lab Equipment for Department of Agriculture.

Name of the Bidder: _____

S. NO	EQUIPMENT NAME	Qty	Warranty	Unit Rate	GST @	Total Price including GST
1	Cup Anemometer	01	01 year			
2	Double Ring Soil Infiltrometer	02	01 year			
3	Soil Scoop Stainless Steel	50	01 year			
4	Soil Auger, Length I meter	15	01 year			
5	Hot Air Oven	01	01 year			
6	Portable/Benchtop Refractometer	01	01 year			
7	MICROSCOPE 1	01	01 year			
8	MICROSCOPE 2	01	01 year			
9	Insect Boxes	10	01 year			
10	seed moisture meter	02	01 year			
11	Lactometer	10	01 year			
12	THERMOMETER	02	01 year			
13	SELF RECODING RAIN GAUGE	01	01 year			
14	Sunshine recorder	01	01 year			
15	Tensiometer	03	01 year			
16	Wind vane	02	01 year			
17	Conductivity Meters	02	01 year			
18	Moisture Tin box	100	01 year			
19	Seed Germinator	01	01 year			
20	Muffle Furnace	01	01 year			
21	Laboratory Refrigerator	01	01 year			
Total Amount						
Amount in words Rupees						

Note: (i) Above rates are inclusive of all and no other charges shall be paid extra.

(ii) No overwriting or use of whitener is permitted. If done it will be summarily rejected.

Date:

Signature _____

Name: _____

Designation & seal