



Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.CI/85/Law, dated 17th April 1985)

NATIONAL INSTITUTE OF PLANT SCIENCE TECHNOLOGY

Priyadarshini Hills P. O. Kottayam, Kerala - 686 560



CAC/1/37/2022

30.11.2022

TENDER NOTICE

Sealed competitive tenders, superscribed "**Tender for the supply and installation of Microscopes in National Institute of Plant Science Technology Lab**" are invited so as to reach the office of the undersigned not later than **2.00 p.m. on 15/12/2022**

Earnest Money Deposit (EMD), calculated @ 1% of the Purchase Assessment Cost (PAC), should be paid by the firm. **Tenders will be opened at 3.00 p.m. on 15.12.2022.** The EMD should be remitted **in favour of the Finance Officer, Mahatma Gandhi University** by way of **e-payment facility** provided in the University website, along with sealed tenders.

The detailed tender notice is available on www.mgu.ac.in, the official website of the University. Tender form and other details can be had from the University General Store on all working days by paying the Form fee (@ 0.2% of the cost of tender rounded off to the nearest multiple of Rs.100, subject to a maximum of Rs. 25,000/- + GST as applicable. The same is also available in the official website of the University.

For ensuring the guarantee, terms and conditions, etc. relating to the articles supplied, a written Agreement must be submitted by the firm. Qualified bidder should submit 5% of PAC as Security Deposit.

Sl. No.	Instruments	Quantity	Place of Installation
1.	Binocular Microscope,	04	M.Sc Lab at NIPST, Convergence Academia Complex
2.	MICROSCOPE	04	M.Sc Lab at NIPST, Convergence Academia Complex
3.	HOT PLATE MAGNETIC STIRRER	01	M.Sc Lab at NIPST, Convergence Academia Complex
4.	Dissection Microscope	08	M.Sc Lab at NIPST, Convergence Academia Complex
5.	Electronic Balance	01	M.Sc Lab at NIPST, Convergence Academia Complex

Tender form can be downloaded from the website: www.mgu.ac.in -> downloads

Last date & time for the receipt of tender : 2.00 p.m. on 15.12.2022

Date and time of opening the tender : 3.00 p.m. on 15.12.2022

Sealed Envelope containing duly filled up and signed tenders along with relevant documents should be sent to **THE COORDINATOR, NATIONAL INSTITUTE OF PLANT SCIENCE TECHNOLOGY(NIPST), Rm No505, CONVERGENCE ACADEMIA COMPLEX , MAHATMA GANDHI UNIVERSITY, PRIYADARSINI HILLS P .O , KOTTAYAM, 686560** by speed post so as to reach before the date and time specified .The cover containing the documents should indicate the name of the Tenderer, Number and last date of submission of tender.

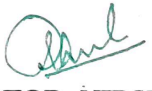
CONDITIONS

1. The quoted Price should be inclusive of all taxes/freight/Installation etc.
2. The tenders should have at least Three Months' validity.
3. Brochure of different models quoted should be enclosed.
4. **Warranty, AMC conditions, nearest servicing centre details, user reference, necessary supporting catalogues and demonstration should be provided.**
5. The Delivery Schedule, Payment Terms & Warranty/Guarantee etc must be clearly indicated.
6. The right to accept or reject tenders without assigning any reason thereof rests entirely with the undersigned.
7. If the date of receipt and opening of tenders is declared a holiday, the next working day shall be the last day for the purpose.
8. The successful bidder should execute an agreement in the prescribed format with the University and submit a security deposit not less than 5% of the cost.

Copy to:-

1. Store Keeper, General Store
2. Content Management Section (For uploading in the University Website)
3. Engineering Unit
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COORDINATOR, NIPST
Co-ordinator
National Institute of
Plant Science Technology (NIPST)
Mahatma Gandhi University, Kottayam.

SPECIFICATIONS OF EQUIPMENTS REQUIRED AT NIPST

Ref no:CAC/1/37/2022 DATED 30/11/2022

Sl.No.	Instrument with specification	Quantity
1.	Binocular Microscope ,4x,10x,40xS /L &100X oil IMME. LEDNoise Piece : Quadruple Ball Bearing Noise Piece, Mechanical stage :low drive co-axial control,having X & Y movement of 55mm & 75mm, Focusing System: separate fine & coars adjesment,fine focusing mechanism on ball bearings guide ways, condenser: Abbe condenser N.A,1.25with iris diaphragm movable on rack & pinion., illumination: built in base illumination system with ultra high brightness single 3W,LED,cold light source on SMPS,	04
2.	MICROSCOPE with Oil ImmersionNoise piece :Quadruple revolving nose piece with the positive clicks stops for perfect optical alignment.Mechanical stage : fitted with detachable mechanical stage for X and Y movement of slides up to 25mm to 75mm with graduated scales and verniers, focusing system: separate fine & coarse adjustment,fine focusing mechanism on ball bearing guide ways,Condenser: abbe , Illumination: The built in base illumination with ultra high brightness single 3W Led cold klight,Eye piece :10x wide feild	04
3.	HOT PLATE MAGNETIC STIRRER • Ø Microprocessor Controlled hot plate stirrer with variable speed and time setting, along with last run memory function Ø Temperature range from ambient to 550 ° C Ø Speed setting from 200 to 2200 RPM Ø Max loading Capacity of 20 litres Ø Auto restart when power failure Ø Pulse mode Clockwise-Counter Clockwise interchange Ø Powerful motor for constant speed delivery under varying load Ø Safe temperature circuit cut up to 575 C for greater reliability Ø Provision for setting heating modes Rapid, Gradual and Accurate modes Ø Plate temperature accuracy +/-1°C Ø PT1000 sensor accuracy +/-0.1°C Ø Hot surface warning & Error indication features above 50°C Ø Large and clear display for better readability across all parameters, set values readily visible Ø Highly resistant inert body, even to strong chemicals Ø Chemical resistant Nano crystal glass ceramic top plate Ø Small footprint for saving valuable bench space Ø Highly temperature stable & chemically inert composite fibre body Ø Should be compactable with PT-1000 sensor Ø Protection class IP 21 dimensions :180 x 180 mm ,Weight:4.9 Kgs ,Dimensions (L x W x H:330 x 225 x 113 mm,Length of stir bar :25 mm ,Protection class:IP 21 ,Voltage / Consumption :220- 240V / 1000W	01
4.	Dissection Microscope Dissection Microscope with round carton base, sensitive focusing by rack & pinion complete with 10x & 20x eye piece, reflector & hand rest.	08
5.	Electronic Balance with external calibration cap:220g,1mg,0.001g,Volts :12vdc,Repeatability (Std. Deviation) :Linearity : +/-0.002gms Response Time (approx.) : 1.0-1.2 secs. Ambient Temp. : 5-40 Deg.C Temp. coefficient of sensitivity (10-35 Deg.C) : +/- 3ppm/ Deg.C Pan Size : 100 x 100mm Dimensions (approx.) : 170W x 240D x 75Hmm Weight (approx.) : 2.2Kgs. Power Req. : AC adapter; 90V-264V, +/-10%, 50/ 60Hz Std. accessories : Simple windbreak, Protective in-use cover,Display : LCD	01

CO ORDINATOR,NIPST

Co-ordinator
National Institute of
Plant Science Technology (NIPST)
Mahatma Gandhi University, Kottayam.

Abdul

