

**SCHOOL OF ENVIRONMENTAL SCIENCES**

**MAHATMA GANDHI UNIVERSITY**

**KOTTAYAM-686560**

**SHORT TENDER NOTICE FOR PURCHASE OF EQUIPMENT**

**TENDER NOTICE No: SES/MGU/PLAN/EQP/2025**

**Date: 11.02.2025**

Competitive tender in sealed cover for the supply of Microprocessor-Based Resistivity Meter (1no) is invited from reputed firms and authorized dealers to reach the office of the undersigned not later than **3 p.m. on 21.02.2025**. Technical bids of the tenders will be opened on **22.02.2025** at **3.30 p.m.** in the presence of authorized representatives of tendered firms. The financial bid of the Tender will be opened on **22.02.2025** at 4.30 pm

Sl. No.	Scheduled Item	Specifications	E.M.D Rs	Tender Fees
01	Microprocessor-Based Resistivity Meter(1 no.)	Attached as Annexure -IV	2.5 % of the Estimated	10000

**Director**

School of Environmental Sciences, M.G.U

**NOTE: (1) PLEASE SEE THE ANNEXURES I, ANNEXURE II, ANNEXURE III and**

**ANNEXURE IV ATTACHED BELOW**

**(2) ALL THE DOCUMENTS RELATED TO THE TENDER CAN BE  
DOWNLOADED FROM THE UNIVERSITY WEBSITE- [www.mgu.ac.in](http://www.mgu.ac.in),  
in the section "Quotation/tender"**

## ANNEXURE I

### General Terms and Conditions

1. The main envelop should be super scribed: **“Microprocessor-Based Resistivity Meter”**
2. The nonrefundable application fee is accompanied by the tender for each item. The application fee must be as **D.D. drawn in favour of the Finance officer, M.G. University.**
3. Tenders must accompany a copy of the “General Terms and Conditions, Annexure I and Annexure II and III” section of this document, signed and stamped on each page indicating that they agree to these.
4. Last date of tender submission along with the requisite fee, EMD and all documents is **21.02.2025**. The DD for EMD or any other accepted document must be drawn in favor of

**Director, School of Environmental Sciences, M. G. University, Kottayam, Kerala payable at SBI Mahatma Gandhi University Campus Branch.**

5. The Delivery Schedule, Payment Terms & Warranty/Guarantee etc must be clearly indicated in the technical bid. The charges for extended warranty and/or Annual Maintenance Contract after the expiry of offered warranty period should also be specified in the financial bid.
6. The manufacturers’ printed literature/catalogue/drawing/user’s list in respect of range of product being quoted should also be submitted with the offer.

### Other requirements for delivery and complete installation

1. Delivery at the School of Environmental Sciences, Mahatma Gandhi University, Kottayam
2. All other requirements for satisfactory installation of **equipment**.
3. It will be the responsibility of the supplier to deliver the ordered materials at the School of Environmental Sciences, Mahatma Gandhi University, Kottayam.
4. All required materials for satisfactory installation are to be provided by the supplier at their own cost.

**ANNEXURE II:**  
**TENDER FORM PART-I (TECHNICAL BID)**

PART-I (TECHNICAL BID) OF TENDER NO:

Last date for receipt:

Due date for opening Part –I (TECHNICAL BID):

Tenderer's Offer No:

Date:

From,

M/s. ....

.....

To,

Director

School of Environmental Sciences, M. G. University,

Kottayam, Kerala, India

Dear Sir,

I/We have gone through the tendering conditions pertaining to the Tender and General Terms and Conditions of Contract and other requirement for delivery and complete Installation and Special Conditions of Contract contained herein with this tender document. I/we hereby agree to supply the stores conforming to the tender specifications incorporated in ANNEXURE I of the tender document and also agree to abide by your General Conditions of all Contracts and Special Conditions of Contract contained in the ANNEXURE I of the Tender document.

You will be at liberty to accept any or more of the items of stores offered by us and I/we shall be bound to supply you the stores as may be specified in the Purchase Order/Contract. I/We hereby agree to keep the price valid for your acceptance for a period of 30 days from the date of opening of Part-II (Financial bid) of the tender

I/We are also enclosing herewith all the leaflets catalogue etc. pertaining to the stores offered.

Yours faithfully

Stamp and Signature of the Tenderer

**ANNEXURE III: TENDER FORM PART-II (FINANCIAL BID)**

PART-II (FINANCIAL BID) OF TENDER NO:

Last date for receipt:

Due date for opening Part –II (FINANCIAL BID):

Tenderer’s Offer No:

Date:

From,

M/s. ....  
.....  
.....

To,

Director

School of Environmental Sciences, M. G. University,

Kottayam, Kerala, India

Dear Sir,

In response to your invitation and as per your tendering and contracting conditions, the prices applicable for the scope of supply contained in ANNEXURE-I (TECHNICAL BID) of our tender are indicated in the format at annexure “A” to this tender.

We hereby agree to keep the price valid for your acceptance for a period of 30 days from the date of actual opening of Part-II (FINANCIAL BID) of the tender.

Yours faithfully,

Stamp and Signature of the Tenderer

### ANNEXURE- IV

Sl. No.	Item	Specification for Instrument	Quantity
1	<b>MICROPROCESSOR-BASED RESISTIVITY METER</b>	<p><b>Transmitter:</b></p> <ul style="list-style-type: none"> <li>a. Constant Current: 1mA - 500mA (in 16 steps) (should select automatically)</li> <li>b. Voltage (Max): 400 V (800 Vpp)</li> <li>c. Power: 40 W</li> </ul> <p><b>Amplifier:</b></p> <ul style="list-style-type: none"> <li>a. Voltage Measurement:</li> <li>b. Input Impedance: 10 M Ohm</li> <li>c. Input Range: 0 - 200 V</li> <li>d. Precision: + 0.05 mV</li> <li>e. Noise Rejection: 95 dB at 50-60 Hz.</li> </ul> <p><b>Resistance Measurement:</b></p> <ul style="list-style-type: none"> <li>a. Apparent R Range: m Ohm, Ohm, K Ohm.</li> <li>b. Apparent R Precision: 0.02 m Ohm at 500 mA.</li> </ul> <p><b>System Data:</b></p> <ul style="list-style-type: none"> <li>a. Cycle Time: 16 sec. (for 1st reading) &amp; 8 sec. (for consecutive readings)</li> <li>b. Accuracy: 1%</li> <li>c. Diagnostic display: 9 codes</li> <li>d. Temp. Range: 0-50 deg. C</li> </ul> <p><b>Power Source:</b></p> <ul style="list-style-type: none"> <li>a, 12 Volt, 12 Ah Rechargeable Battery</li> <li>b, Measuring Capacity: 200 readings at 500mA.</li> </ul> <p><b>Weight:</b> 12.5 kg</p> <p><b>Dimensions:</b> L 400mm x W 225 mm x H 330 m</p> <p><b>Items should be provided with the instrument: -</b></p> <ul style="list-style-type: none"> <li>a. 12V 12AH Rechargeable Battery - 1 No.</li> <li>b. Instrument Case -1 No.</li> <li>c. Battery Charger -1 No.</li> <li>d. Instruction Manual -1 No.</li> <li>e. Resistance Test Box -1 No.</li> <li>f. Charging Cable -1 No.</li> <li>g. External Battery Cable 1- No.</li> <li>h. Banana Pin Cable -1</li> <li>i. Banana Pins (Spare) -10</li> <li>j. Crocodile Clips (For Electrodes) -10 Nos.</li> <li>k. Battery Charger Fuse (Spare) -4 Nos</li> </ul> <p><b>Accessories should be included with the supply</b></p> <ul style="list-style-type: none"> <li>a. Stainless Steel Electrodes- 5 Nos.</li> <li>b. Continuous Contact Spools - 4 Nos.</li> <li>c. Geophysical Survey Cable -1000 Mtrs</li> <li>d. Hammers-4 Nos.</li> <li>e. Multimeter -1 No</li> <li>f. Calculator- 1 No.</li> <li>g. o Measuring Tape ( 100 mtrs. )-1 No</li> </ul>	1 No.