

Our Ref: EROL/Pur(Elec)

28 February 2006

Subject: Tender for supply of Digital Micro-ohm meter

M/s

Dear Sirs,

Tenders are invited for the supply of the above item(s) in the **sealed cover duly superscribed as "QUOTATION FOR THE SUPPLY OF DIGITAL MICRO-OHM METER"** complying the requirements of the enclosed **Annex-A (The Terms and conditions of supply)** and **Annex-B (The Technical Specification of the Equipment)**, which should reach the undersigned **latest by 15-03-2005**. The Tenders shall be opened in this office **at 1100 hours in the next working day** in the presence of such tenderers or their duly authorized representatives, who may like to attend.

Thanking you,

Yours faithfully,

(D. Chakraborti)
Scientist-D (JD)

Encl: As above

ANNEX-A

(Terms and Conditions of Supply)

1. The BUREAU gives FIRST PREFERENCE in its purchase to goods bearing ISI CERTIFICATION MARK and second preference to those which conform to the relevant Indian Standard Specifications.
2. The delivery of the equipment shall preferably be made within 30 days of receipt of order. If, however, it is not possible to effect delivery during working hours by the date, the date by which the delivery of the equipment can be effected/guaranteed may be so stated.
3. QUOTATIONS shall be submitted by interested Manufacturer/Supplier in the form of two BIDS/PARTS - namely, "TECHNICAL BID & FINANCIAL BID."
4. Both Technical Bid & Financial Bid shall be sealed by the bidder in SEPARATE ENVELOPE/COVER duly superscribed "TECHNICAL OR FINANCIAL BID" which shall finally be put in a bigger size envelope duly superscribed "QUOTATION FOR THE SUPPLY OF DIGITAL MICRO-OHM METER".
5. The rates quoted should give break up of Cost, Excise Duty/ Sales Tax/VAT, P&F charges, Freight, Insurance etc (as applicable). If the rates quoted do not include sales tax/excise duty/ or any other taxes/charges, the same should be specifically stated.
6. Tenders qualified by such value and indefinite expressions as "Subject to immediate acceptance", "Subject to prior sale" etc., and incomplete quotation are liable to be summarily rejected.
7. All Tenders shall remain open for a period of 90 days from the date of opening.
8. The Tenders/Suppliers of the equipment shall preferably have necessary infrastructure /capacity to provide a **comprehensive maintenance guarantee, preferably for three years** including replacement of spares, if any, position shall be clarified in this aspect while submitting quotation.
9. The Supplier/Manufacturer of the equipment shall ensure the **training of officials** of the laboratory during commissioning of equipment.
10. All goods shall be received subject to approval on inspection. The decision of our Inspecting Officers shall be binding. Rejected items/goods/stores shall be removed by the supplier at his own cost and risk, within 30days of receipt of notice for the removal of such goods, and thereafter no liability, whatsoever, on the Bureau shall be attached for the rejected/disapproved goods/items/stores.
11. The Bureau reserves the right to accept or reject summarily any or all tenders in whole or part without assigning any reason whatsoever.
12. The Bureau takes no responsibility for delay, loss or non-receipt of tenders after dispatch.
13. In case of non-compliance with the contract, the Bureau reserves its right to:
 - a) Cancel/rescind/revoke the order if supply is not made in time and is not conforming to the required specification.
 - b) Impose penalty up to 1% of the total value of the order for a delay of every seven days after the schedule date subject to the ceiling of a maximum of 10% of the total value of the order.
14. All question, disputes or difference arising under, out of or in connection with this tender enquiry shall be subject to the exclusive jurisdiction of the Kolkata Courts.

ANNEX-B

TECHNICAL SPECIFICATION FOR THE DIGITAL MICRO-OHM METER:

Name of the Equipment : Digital Micro- Ohm Meter

Purpose : To test the conductor resistance of cables.

Requirements :- Input: 1 ph, 230 V, 50 Hz with provision for three core sheathed cable and of at least 03 meter length for input connection of the set.

-Output Range: 10×10^{-6} ohm to 10 ohm with range selector Switch.

Resolution: 1×10^{-9} to 1×10^{-4} ohms (at least 5 significant digit)

Display: Digital display (5 digits minimum)

Provision for external cord of suitable length and with suitable arrangements for holding test specimen of different length (i.e. 1m,5m,10m) and of different size/shape (i.e. 0.5mm^2 to 1000mm^2)

- Preferably with provision for memory backup of last 10 measurements.
- Suitable Indicators for "Mains on".
- Adequate care is to be taken to minimize the contact resistance and heating up of specimen.
- Proper arrangements for earthing.
- Accuracy of the instrument to be stated.
- Dimension of the set should be such that testing person can work by standing and the metal should MS of minimum thickness of 0.8 mm and decently spray painted externally and internally.
- The Calibration certificates of the display meter from NABL Accredited Laboratories is to be submitted to BIS(preferable).