

Our Ref: EROL/Pur (Mech)

31-08-2006

Subject: **Tender for supply of Digital Opacity Tester**

Dear Sirs,

Tenders are invited for the supply of the above item(s) in the sealed cover duly superscribed as "QUATATION FOR THE SUPPLY OF Digital opacity Tester" Complying the requirements of the enclosed Annex-A (The Term and conditions of supply) and Annex-B (The Technical Specification of the equipment) , which should reach the undersigned latest by 21-09-2006 . The tenders shall be opened in this office at 1500 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,

P.Seshagii Rao
Scientist-E (Director)

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 affect 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 Opacity Tester" "
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. Please note that Tenderer shall have to **deposit 3% of cost of equipment as EMD for bid security**. The amount is to be deposited along with the tenders, in the form of **demand draft** drawn in favor of BUREAU OF INDIAN STANDARDS payable at Kolkata. Bid security as deposited with tender shall be returned to the unsuccessful bidder after the decision is made for purchase.
9. Tenderer getting the order shall preferably deposit 10% of the ordered amount as contract **PERFORMANCE SECURITY** from any nationalized Bank valid till 60 days after warranty /guarantee period, which shall be returned after satisfactory performance .However ,other terms of payment such as cited at clause 10 may also be considered.
10. 90% payment may be made after satisfactory installation & commissioning of the equipment and **10% (contract performance security)** after expiry of guarantee/warranty period. The equipment should have a **guarantee/ warranty period of preferably 3 years & the period shall be mentioned by the Tenderer while submitting quotation .**
11. 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.
12. The supplier/Manufacturer of the equipment shall ensure **training of officials** of the laboratory during commissioning of equipment.
13. 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 30 days 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.
14. The Bureau reserves the right to accept or reject summarily any or all tenders in whole or part without assigning any reason whatsoever.
15. The Bureau takes no responsibility for delay, loss or non-receipt of tenders after dispatch.
16. 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.
17. 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 Requirements of Digital Opacity Tester

- i) Adjustable power arc or incandescent lamp, intensity of light of which is constant to ± 1 percent
- ii) A suitable filter shall be provided to limit spectrum to 0.40 to 0.50 μm ,when arc lamp is used
- iii) The diaphragm and optical lenses; adjusted to obtain a parallel and symmetrical incident beams. The diaphragm shall be circular.
- iv) Arrangement to maintain the surface of the test piece perpendicular to the optical axis and at a fixed distance from the diaphragm of the cell
- v) The meter unit digital readout in% 0-100 and with least count 0.01 % or better
- vi) The Instrument should have self calibration facility
- vii) Instrument shall be supplied with calibration certificate from NABL accredited laboratory.