

**Department of Civil Engineering
Indian Institute of Engineering Science and Technology, Shibpur
Howrah-711 103**

Date: 15 September 2017

**NOTICE INVITING QUOTATION
(CE/PL/TRE Lab/Ductility etc/Sep 2017/05)**

Sealed tenders are invited by the Civil Engineering Department, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103 for the supply of **Ductility testing machine for bitumen, Hot Plate with circular steel mixing pan, and Electronic Weighing Balance** for Transportation Engineering Laboratory, Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur.

Tender Documents containing details of the items and terms and conditions may be downloaded from the institute website and completed bidding documents are to be submitted to the **Head, Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur; Howrah-711103 within 22.09.2017 (12:00 noon)**.

The rate should clearly indicate the GST break up.

For details contact:

Dr. T. K.Roy, Assistant Professor & Incharge, Transportation Engineering Laboratory

Enclosed:

Section- I: General Conditions and Important Instructions for Bidders.

Section-II: Specification of the Items

Head, Civil
Engineering Department, IEST, Shibpur

SECTION-I: General Conditions and Important Instructions for Bidders

- It is necessary to submit the original tender documents along with technical and price bids to the **Office of the Department of Civil Engineering, Indian Institute of Engineering Science and Technology (IEST), Shibpur; Howrah-711103.**
- Bidders are to abide by the terms and condition and submit this tender document.
- Last date of receipt of tender is **22.09.2017 (12:00 noon)**. Tenders received late will not be accepted under any circumstances. Tenders will be opened on the **same day at 4:00 pm**. In case the Institute remains closed on the said date tenders will be received and opened on next working day at same time. The duly authorized representative of the agency may be present during tender opening.
- The Price Bid should clearly mention the price in Rupees including the following:
 - ✓ Delivery charges up to Department of Civil Engineering, IEST, Shibpur, Howrah, including loading and unloading charges.
 - ✓ All taxes, GST, duties, levies as applicable.
 - ✓ Demonstration of the item as per the satisfaction of the Laboratory Incharge
 - ✓ Erection, Commissioning and testing charges at Transportation Engineering Laboratory, Department of Civil Engineering, IEST, Shibpur
- DGS&D rate contract price will be preferred wherever applicable. The Institute will not issue any C or D form availing for concessional Sales Tax/ VAT. The Institute will issue Customs Duty Exemption Certificate or Excise Duty Exemption Certificate for foreign purchase, if required.
- Warranty of equipment should be not less than 12 months.
- The equipment/goods are to be supplied at the Transportation Engineering Laboratory, Department of Civil Engineering, Indian Institute of Engineering Science and Technology between 11.00 am and 4.00 pm from Monday to Friday except holidays. The bidders will be responsible for any breakage, damage or defect in the equipment detected subsequently.
- Period of delivery of equipment/ execution of work should be within two week from the date of issue of Purchase Order. If the supply/execution is not completed within the stipulated period as indicated in the Purchase Order a Liquidated Damage @0.5% per week will be imposed on the value of purchase order subject to maximum of 5% of the value of work order.
- Invoices in triplicate with GST break up should be presented for payment within 7 days of supply/ commissioning of work. No advance is paid for execution of the order. The Order No. is to be noted on both Challan and Invoices. All bills are to be accompanied by order copies and Challan receipt.
- Payment will be made on submission of Proper Bills, Challans etc. by A/C Payee Cheque or bank transfer and no cash payment will be made under any circumstances.
- All payments are subjected to statutory deductions as and when applicable.
- Tender is to be kept valid for acceptance for 3 months with effect from the last date of submission of the tender without any modifications in its terms and conditions.
- The rates of the items mentioned in Section II should be given separately.
- Following documents are to be submitted with the tender:
 - ✓ Tender Documents, General Conditions and Important Instruction in original duly signed by the Proprietor/ Partner/ Director of the company.
 - ✓ Latest Income Tax, Sales Tax, Professional Tax clearance certificates and copy of valid Trade License
 - ✓ Bid according to specifications.
 - ✓ Certificates and Literature in support of the item.
 - ✓ GST No. and copy of the relevant documents
 - ✓ A certificate in company's letterhead which is to be signed by the authorized representative stating that all conditions mentioned in the Tender Document have been accepted by the company.
 - ✓ Proof of having ISO 9001 or other equivalent certification given by appropriate authorities.
 - ✓ List of reputed organizations/Institutions, where similar orders have been executed during last three years (copies of the purchase/work order will have to be enclosed).
- Authority reserves all rights to accept/reject any/all quotation without showing any reason.

Head, Civil Engineering Department, IEST, Shibpur

SECTION-II: Specification of Following Items

1. Ductility testing machine for bitumen

This machine is designed to test ductility of three bitumen specimens simultaneously. The machine should consist of a carriage moving over a lead screw. An electric motor driven reduction gear unit ensuring smooth constant speed and continuous operation should be provided. The entire assembly is to be mounted with water bath completely encased in metal bound hardwood. It is equipped with an electric pump circulator and heater. The temperature is to be controlled by digital temperature controller. Two rates of travel i.e. 5 cm/min and 1 cm/min are to be provided. Suitable for operation on 220 V, 50 Hz, Single Phase, AC supply. The machine should conform IS:1208, ASTM D113, AASHTO T 51.

2. Hot Plate with circular steel mixing pan

Rectangular Hot plate with energy regulator, size 300mmX450mmX180mm, heating capacity up to 300 degree Celsius, LCD Display for temperature; Rotary knob setting for temperature control with Circular steel pan of diameter 300mm and 180mm height for aggregate and bitumen mixing.

3. Electronic Weighing Balance

Its capacity is needed to be 10 kg, least count 0.5 gm. The apparatus need to consist of Alternative rechargeable/Normal battery power source in built.