

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

Date: 26 August 2017

NOTICE INVITING QUOTATION

(CE/PL/Env Lab/Balance/Aug 2017/02)

Sealed tenders are invited by the Civil Engineering Department, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103 for the supply of **Analytical Weighing Balance**, for Environmental 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 06.09.2016 2017 (4:00 pm)**.

For details contact: Dr. Chanchal Majumder, Assistant Professor & Laboratory Incharge

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 in original duly signed with acceptance of the terms and conditions.
- Last date of receipt of tender is **06.09.2017 (4:00 pm) 2017.** Tenders received late will not be accepted under any circumstances. Tenders will be opened in the Department of Civil Engineering, 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 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
 - ✓ Erection, Commissioning and testing charges at Environmental 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 36 months.
- The equipment/goods are to be supplied at the Environmental 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 one 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.
- Bills in triplicate 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 Bill. 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.
- 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.
- Authority reserves all rights to accept/reject any/all quotation without showing any reason.

Head, Civil Engineering

SECTION-II: Specification of Analytical Weighing Balance

Application: Piece counting, formulation, percent weighing, statistics, differential weighing and free factor, recall, density, pipette check.

Capacity: Maximum capacity: 220 g; Maximum capacity (fine range): 82 g

Readability: Readability: 0.1 mg; Readability (fine range): 0.01 mg

Repeatability: At nominal load: 0.08 mg (200 g);

At fine range and at low load: 0.02 mg (20 g)

Linearity deviation: 0.2mg

Sensitivity offset: 0.8 mg (200 g)

Pan size: 80 mm ϕ

FACT facility: FACT - Fully automatic time & temperature controlled adjustment and linearization facility .

Weighing cell: HRT weighing cell **with 2 Nos. built-in weights**, for constant accuracy over the entire weighing range

Ergo door: The right door can be opened from the left and vice versa

Smart trac facility: Smart track facility to show how much of the entire weighing range has been used

Smart key: Three programmable keys for shortcut access to preferred applications

Diagnostic test option: Easy to running of balance diagnostic test e.g. key pad test, repeatability test

Easy cleaning option and chemical resistant: Fast and convenient dismantling of the draft shield.

Weighing pan should be chemical resistant and corrosion resistant.

Connectivity: Built-in RS 232 port and also USB Port

Leveling: Fine and easy level adjustment facility