

ADVT. for Tender Notice

Institute Website

Department of Civil engineering
Indian Institute of Engineering Science and Technology, Shibpur
(Formerly Bengal Engineering and Science University, Shibpur)
P.O.: Botanical Garden
Howrah – 711 103

Tender Advt. No- Web/CE/iiest/16-17/08 Dated: 28/11/2016

Sealed tenders are invited by the Civil Engineering Department, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103 for the supply of Digital pH Meter in 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** or dropped into the Tender Box kept in the Department **within December 6, 2016 (4:00 pm)**.

For further clarification, please contact Dr. Asok Adak (8017888951).

Enclosed: **Section-I: General conditions and Important Instructions for Bidders.**

Section-II: Specification of the Items.

*Head
Department of Civil Engineering
IEST, Shibpur*

Details of the Item:

1. Digital pH Meter

SECTION-I: General Conditions and Important Instructions for Bidders

1. Interested parties/vendors are to download the tender documents with detailed specifications from the institute website (www.iiests.ac.in)
2. It is necessary to submit the original tender documents alongwith technical and price bids in **separate sealed envelopes** to the **Head, Department of Civil Engineering, Indian Institute of Engineering Science and Technology (IEST), Shibpur; Howrah-711103**, or directly to **Drop** in the **Tender Box** kept in the Department.
3. 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.
4. Last date of receipt of tender is **December 6, 2016 (4:00 pm)**. 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 4:15 pm. In case the Institute remains closed on the said date, tenders will be opened on next working day at 4:00 pm.
5. The Price Bid should clearly mention the price including the following:
 - Delivery charges up to Environmental Engineering Laboratory, Department of Civil Engineering, IEST, Shibpur, Howrah, including loading and unloading charges.
 - All taxes, duties, levies applicable.
 - Erection, Commissioning and testing charges at Environmental Engineering Laboratory, Department of Civil Engineering,, IEST, Shibpur site
6. 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.
7. Warranty of equipments should be not less than 12 months.
8. The equipments/goods are to be supplied at theEnvironmental 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.
9. Period of delivery of equipment/ execution of work should be within two weeks 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.
10. Bills in triplicate should be presented for payment within 15 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.
11. Payment will be made on submission of Proper Bills, Challans etc, by A/C Payee Cheque and no cash payment will be made under any circumstances.

12. All payments are subjected to statutory deductions as and when applicable.
13. Tender is to be kept valid for acceptance for 3 months with effect from the last date of issue of the tender without any modifications in its terms and conditions.
14. Documents mandatory 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 as a token of acceptance of Terms and Conditions of Tender.
 - 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.

I/We accept the above terms and conditions.

Signature of vendors with date & Seal

Section-II: Specification of the Digital pH Meter

- Table Top Digital pH Meter along with pH electrode, electrode stand, startup buffer solutions (pH 4.01, 7, 10.01) and auto temperature compensation probe.
- Upgradable for ORP measurement
- Up to five point calibration with auto buffer recognition
- Non-volatile memory holds upto 100 data points
- Splash proof key pad
- LCD display
- pH
 - Range: 0-14
 - Resolution: 0.01 pH
 - Accuracy: ± 0.01 pH
 - Calibration points: up to 5
 - Buffer set: 1.68, 4.01, 7.00, 10.01 and 12.45
- Temperature
 - Range: 0 – 100°C
 - Resolution: 0.1°C
 - Accuracy: ± 0.3 °C
- ORP
 - Range: ± 2000 mV
 - Rel. mV range: ± 2000 mV
 - Resolution: 0.1 mv (± 199.9 mV) / 1 mV (beyond)
 - Accuracy: ± 0.2 mV (± 199.9 mV) / ± 2 mV (beyond)

Optional Accessories

- ORP electrode
- pH buffer solution (NIST certified) for pH 4.01, pH 7.00 and 10.01.