

Department of Civil Engineering
Indian Institute of Engineering Science and Technology, Shibpur
(Formerly Bengal Engineering and Science University, Shibpur)

January 18, 2019

Notice Inviting Quotations

DRC/DST-WOS-A/CE/CD (AG)/029/17-18/007

Sealed tenders are invited by the Civil Engineering Department, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103 for the supply of the following item for Geotechnical Engineering Laboratory under DRC/DST-WOSA/CE/CD (AG)/029/17-18 of Prof. Ambarish Ghosh.

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 28th January, 2019 (4:00 pm).

The intended vendors/manufacturers are requested to submit technical and financial bid in separate sealed envelopes within stipulated time.

The procurement is for the purpose of research activity only vide Circular No. 170F/2017-18/194 dated 09.02.2018 of IEST, Shibpur

For any clarification you can contact to Prof. Ambarish Ghosh (9831286527).

Enclosures Section-I: General conditions and Important Instructions for Bidders.
Section-II: Specification of the Items.

Prof. Anirban Gupta
Professor & Head,
Department of Civil Engineering
IEST, Shibpur

Name of Product:

1. Pore water pressure transducers (Range 0 psi-5psi)

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Section I: General Conditions and Important Instructions for Bidders

1. Interested parties/vendors are requested 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 along with technical/price bids in separate sealed envelopes to the Head, Department of Civil Engineering, Indian Institute of Engineering Science and Technology (IIEST), Shibpur; Howrah-711 103
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 28th January, 2019 (4:00 pm). Tenders received at late will not be accepted under any circumstances. Tenders will be opened in the Seminar Hall or in any other place of the Civil Engineering Department, on the same day at 4:15 pm. In case the Institute remains closed on the said date, tenders will be received and opened on next working day at same time.
5. The Price Bid should clearly mention the price including the following: Transport cost, Toll Tax, Parking, All taxes (especially GST), duties, and levies applicable.
6. DGS & D rate contract price will be preferred wherever applicable.
7. The equipment is to be supplied at the 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.
8. Period of delivery of equipment should be within one month from the date of issue of Purchase Order.
9. Bills in triplicate should be presented for payment within 7 days of supply of the equipment. No advance is paid for execution of the order. The Purchase Order No. is to be noted on both Challan and Bill. All bills are to be accompanied by order copies and Challan receipt.
10. 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.
11. All payments are subjected to statutory deductions as and when applicable.
12. 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.
13. 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, GST, 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 vendor with Date & Seal

Section – II Specification of the Equipment

Sl. No.	Equipment	Specifications
1	<p>Pore water pressure transducers (Range 0 psi-5psi)</p>	<p>The arrangement to be provided with An Array of Transducers for effect of Dynamic loading on test area. The parameter to be monitored in situ under different layers of soils in the pressurized Vessel.</p> <p>The Dynamic loading may vary from 0 to 400 kg and sensing response within 2 to 4 sec.</p> <p>All transducer to be placed between the layers of debris & semi soft soils, road construction materials in watery condition.</p> <p>Transducers to be fitted in such a way with necessary fitments (are the part of supply) so no additional loading takes place other than actual residual loading.</p> <p>Dynamically Variable Loading of 0 to 400 Kgf</p> <p>Description of sensing parameter</p> <p>Water pore pressure Sensing:</p> <p>under the pave water pore pressure sensing by piezo electric solid-state Pressure transducers to be embedded between the layers to sense Water pore pressure variation due to dynamic loading of RWL 5.0 psi.</p> <p>Least count of the transducer = 0.5 psi</p> <p>Sensing path of each of the transducer should be filled with liquid (hydraulic oil) and the sensing face should be mounted with membrane (nonmetallic).</p> <p>Quantity: 4 no's</p> <p>All the sensors need to be compatible with PLC & Data acquisition system</p> <p>* * Sensor calibration to be certified by NABL accredited lab with traceability to be provided by supplier.</p> <p>**Vendors needs to provide credentials for executing such projects of Dynamic Load profile generation for Govt. research or Educational institute of CSIR or National repute</p>