

Office of the Dean Research and Consultancy
Indian Institute of Engineering Science & Technology (IEST), Shibpur
Howrah-711 103

DRC/DST-WB (HE STB)/CE/AG/020/18-19

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

Ref.: Advt. No. CE 1524, published in the "Statesman (All Edition)", dated 02.08.2019

Notice Inviting Quotations

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-WB (HE STB)/CE/AG/020/18-19** 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 10th **August , 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.

Name of Product:

1. **4.5 Hz Natural Frequency Seismic Geophone Element.**
2. **Land String – BNC Male Connector.**

(A. Code DRC-T025/19-20)

Dean (R & C)

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-711103
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 10th August, 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.
14. Demonstration are required at a time of delivery of the product.

I/We accept the above terms and conditions.

Signature of vendor with Date & Seal

Section – II Specification of the Seismic Geophones

Sl. No.	Equipment	Specifications
1	<p>4.5 Hz Natural Frequency Seismic Geophones*</p>	<p>Application- To monitor the dynamic motion of ground vibration in construction site as well as Laboratory model test.</p> <p>Type of Sensor- Low Frequency Seismic Geophone***</p> <p>Natural Frequency - 4.5 Hz</p> <p>Frequency of Sensor - 4.5 to 150 Hz</p> <p>Sensitivity - 28.8 V/(m/s)</p> <p>Orientation of Sensor - Vertical Direction</p> <p>No of Sensors - 16 No's</p> <p>Land String**- BNC Male Connector</p>
2	<p>Land String -BNC Male Connector</p>	<p>Cable Properties- Land string Cable moulded with poly-loops at 1.25m interval and terminating to a BNC male connector.</p> <p>No of Cable – (8*2 = 16 NO's)</p> <p>8 No's Cable Length - 5m,10,15m,20m, 25m,30m,35m, and 40 m</p> <p>* Seismic Geophones Calibration chart is required at a time of delivery of product.</p> <p>**Land String- Input vibration signal from Geophones are connected through BNC Male Pin Connector in Vibration Analyzer and Cable Length is Varies for each Seismic Geophone.</p> <p>*** Seismic Geophones element are Housed with proper casing and with contains 75mm Steel Spikes at bottom of the geophone element.</p>