



DEPARTMENT OF CIVIL ENGINEERING  
**Indian Institute of Technology Madras**  
I.I.T.P.O., MADRAS-600 036

Form for Inviting Quotations

Ref.No.CIE/KRAG/2018-19/TRANSDUCERS

Date: 9-1-2019

**DUE DATE: 23-1-2019 – 4.00 P.M.**

To

Dear Sirs,

1. Quotations are invited in duplicate for the various items shown below / overleaf / **Enclosed list.**
2. **The Quotations duly sealed and superscribed on the envelope with the reference No. and due date, should be addressed to the undersigned and contain in 2 bid system i.e. Technical bid and Commercial bid in two separate envelopes should be enclosed in a single envelope only so as to reach on or before the due date stipulated above.**
3. The Quotations should be valid for ninety days from the due date and the period of delivery required should also be clearly indicated.
4. If the item is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for, should be submitted free of charges, and collected back at the supplier's expenses.
6. Local Firms : Quotations should be for free delivery to this Institute. If Quotations for Ex-Godown delivery charges should be indicated separately.
7. Firms Outside Madras : Quotations should be for F.O.R. Madras. If F.O.R. consignor station, freight charges by passenger train / lorry transport must be indicated. If Ex-Godown, packing, forwarding and freight charges must be indicated.
8. The rates of GST and other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for GST/General Taxes will be admitted at any stage and on any ground whatsoever. IIT Madras is eligible for concessional GST. Relevant certificate will be issued. In case of import supply the price should be quoted without custom duty. I.I.T. Madras is exempted from levy of IGST on Imports and eligible for concessional custom duty (not exceeding 5%) and the price should be quoted on **EX-WORXS** and **CIP** basis indicating the mode of shipment.
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. Payment : Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.

Yours faithfully,

[PROF. K. RAJAGOPAL]

Note: (i) Quotation should be sent by SPEED POST only or to be delivered directly to the concerned.  
(ii) Firms are requested to submit the specifications of their product along with supporting technical Documentation / brochure instead of reproducing the specifications sent by us.

The instruments specified below should be designed to comply with ISO 9001 and other relevant international standards.

### **Technical specification for miniature pore pressure transducers** (Numbers - 8)

1. The capacity of the pore pressure transducers should be in the range of 0 to 200 kPa.
2. It should be a miniature version with approximate outer diameter of 10mm.
3. The instrument should comprise a filter mesh of size less than 50 $\mu$ m with suitable thickness.
4. The length of the cable to connect the instrument to the data acquisition system shall be 3m.
5. The instrument should be durable preferably made of stainless steel as it would be exposed to water in the soil.

### **Technical specification for Linear Variable Differential Transducers** (Numbers - 5)

1. The device should be equipped to measure a maximum deformation of not less than 300mm. So, the stroke length of the instrument should facilitate the measurement of this deformation range.
2. The length of the cable to connect the instrument to the data acquisition system shall be 5m.
3. The equipment should be compatible with HBM based monitoring system.

### **Technical specification for Pressure Transducers** (Numbers - 5)

1. The capacity of the pressure transducer should be in the range of 0-200 kPa.
2. The miniature pressure gauge should be with an approximate diameter of less than 10mm.
3. The instrument should be water proofed as it should be used in water.
4. The length of the cable to connect the instrument to the data acquisition system shall be 3m.

*K. R. S. S.*  
9/1/2019