



INDIAN INSTITUTE OF TECHNOLOGY KANPUR  
DEPARTMENT OF CIVIL ENGINEERING  
STRUCTURAL ENGINEERING LABORATORY

DR. SAMIT RAY CHAUDHURI  
ASSOCIATE PROFESSOR

P.O. IIT KANPUR-208016

29 January 2016  
Enquiry no. CE/STR/2016-17/Jan/02

**Sensors/Transducers for Structural Engineering Experimentsp**

For experimental research work at our Structural Engineering Laboratory, we would like to purchase the following sensors/transducers with general specifications as mentioned below;

- 1.Small Size Soil Pressure Transducers Measurement Range: >200KPa, Supply voltage: 5V DC or 10V DC, Output signal +/- 10V DC; Linearity +/-0.5%max; operating temperature: 2 - 60degC; Weight: >130grams; Size: 30(l)x30(w)x10(h), cable length: upto 10mt
- 2.Position transducers (Wire Potentiometer type): Measurement range: +/- 500 mm; and +/- 50 mm; Output signal 0 to supply voltage (5 V); Linearity +/- 0.5% max.; mechanical life: 5 million shaft revolutions; RCMA certified

Kindly send your offer for the above mentioned system along with the following:

1. Cost of the item with technical specifications in detail
2. Cost of additional optional accessories must be mentioned separately
3. The price should be quoted per unit on ex-works (for Indian manufacturer) and FOB basis (for overseas manufacturer) along with maximum possible ***educational discount as well as quantity discount to enable us to place the order for suitable number considering availability of funds***
4. The freight/shipping/documentation etc. costs are to be mentioned separately
5. Warranty & Delivery period and after sales service
6. Proprietary certificate, if applicable
7. Any other relevant details

An early reply latest by 10 February 2016 will be highly appreciated. For any further information/clarifications in this regard, please write back to us at [mohitd@iitk.ac.in](mailto:mohitd@iitk.ac.in) or [samitrc@iitk.ac.in](mailto:samitrc@iitk.ac.in) .

Thanking you...

Samit Ray Chaudhuri