



INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF CIVIL ENGINEERING

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Enquiry no. CE/GEOTECH/2012-13/Aug/01

We would like to purchase transducers (Load and Pressure; Preferred Make: Honeywell) for our laboratory. Following are the general technical specifications required for the proposed system:

Force Transducer: Range: ± 15 kN (approx. $\pm 3,000$ LBS) Tension and Compression
Temperature Compensation: 15 to 70 deg. C
Hysteresis: $\pm 0.1\%$ Full Scale; Non-Repeatability: $\pm 0.03\%$ Full Scale
Internal Amplifiers: Non-amplified (mV/V)
Output Tolerance: 3 mV/V; $\pm 0.5\%$ Full Scale
Multi Point Calibration: 10 point (Tension and Compression)
The transducer design should be such that it can take side load (30% of the full load capacity) and bending and torsion load (25% of full load capacity).
Pressure Transducer: For measuring gas pressure (Gage Transducer); Range : 25 PSI
Accuracy: 0.10%; Temperature Compensation: 5 to 60 deg.C
Internal Amplifiers: Non-amplified (mV/V)

Please send your offer for the above in a sealed envelope mentioning the following:

1. Cost of the item including three year warranty
2. Technical specifications in detail
3. Delivery time
4. Educational discount applicable considering end use for research and teaching
5. Payment terms (please mention the cost on FOB basis and actual applicable freight)
6. Proprietary Certificate, if applicable
7. Any other relevant details

An early reply latest by 13 August 2012 will be highly appreciated.

Thanking you...

Sincerely

(Rajesh Sathiyamoorthy)