

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF MECHANICAL ENGINEERING**

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Sub: Quotations for high resolution multi-channel temperature recorder.

Dear Sir/Madam:

Sealed Quotations with all technical specifications are invited for the purchase of a high resolution temperature recorder with following specifications;

- 1] Accuracy: +/- 0.1 °C from -20 to 120 °C
- 2] Resolution: 0.1°C, preferably 0.01 °C
- 3] Digital output display for temperature and voltage.
- 4] Temperature range: -20 to 120 °C
- 5] In-built memory for data storage.
- 6] Number of channels: 16 (minimum).
- 7] Sampling rate 100 samples per second or better, adjustable.
- 8] Universal input for different types of thermocouples (T, K, J, N, E, R, S) and thermistors.
- 9] Internal compensation for room temperature.
- 10] Data logging capability for up to ten hours at reduced sampling rates.

The quotation should reach to Manoj Sharma Mechanical Engineering Department, I.I.T. Kanpur before 15 October-2011.

Thank you.

(K. Muralidhar)