



Department of Metallurgical and Materials Engineering
Indian Institute of Technology, Madras, Chennai – 600 036

Enquiry No.

MET	2013	009	UDAY
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Date: 19.9.13

Due Date: 7.10.13

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 so as to reach him on or before the due date stipulated above.
3. The Quotations should be valid for sixty 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, Rate Contract Number 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. If so, please send copy of the R.C. (Please note that we are not Direct Demanding Officers).
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 are for Ex-Godown, delivery charges should be indicated separately.
7. **Firms Outside Chennai :** Quotations should be for F.O.R Chennai. 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 rate of Sales / General Taxes and the percentage of such 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 Sales / General Taxes will be admitted at any stage and on any ground whatsoever. **The taxes leviable should take into consideration that we are entitled to have Concessional Sales Tax applicable to non-Government Educational Institutions run with no profit motive for which a concession. Sales Tax Certificates will be issued at the time of final settlement of the bill.**
8. Goods should be supplied carriage paid and insured.
9. Goods shall not be supplied without an official supply order.
10. 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.

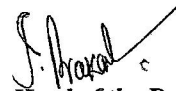
Yours faithfully,

1) Data Acquisition System - 1 No
as per specification enclosed.

Any clarification in this regards pl Contact

Dr. Uday Chakkingal

2257.4775. Email - udaychak@iitmad.ac.in


for The Head of the Department
The Project Co-ordinator
Met. & Materials Engineering
IIT Madras, Chennai – 600 036

*Strike Out whichever is not applicable.

OK

MATERIALS FORMING LABORATORY
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING,
IIT MADRAS

September 18, 2013

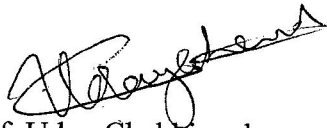
Specifications for Data Acquisition System

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Data acquisition system (DAQ) for simultaneous acquisition of data.

Detailed specifications

1. Minimum 4 channels to acquire data from strain gages, thermocouples, load cells (strain gage based), LVDT, and displacement sensors (strain gage based). (Note: Analog input/ Digital output).
2. Minimum 16 bit A/D conversion.
3. Sampling rate of at least 1000 samples per second across all channels.
4. Power supply for sensor excitation to be provided by the DAQ. If USB based DAQ, please indicate accordingly.
5. Measurement accuracy at least 0.1% of full scale.
6. Capable of acquiring data from strain gages, thermocouples, load cells (strain gage based), LVDTs and displacement sensors (strain gage based).
7. Associated software for operation and data acquisition.
8. Associated accessories like connector cables and connecting pins.



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