

Mg-11

REQUIRED TECHNICAL SPECIFICATION OF DATA ACQUISITION SYSTEM (all the conditions should be met)

1.0. Scope of work

Data acquisition system to record temperature (of thermocouple attached to component) continuously during deformation processes.

Mandatory Technical specifications:

Parameters	Values or Notes
Number of channels	8
Maximum sampling speed	95 S/s/ch
Isolation separates channels	250 Vrms Ch-Ch isolation
Measurement accuracy	0.39 deg C
Supported sensors	All standard thermocouples
Connection type	Screw Terminal
Supported hardware type.	Compact DAQ/Compact RIO

General Instructions

1. Quotation should contain item wise price for each item of our enquiry. (Detailed cost breakup of each item viz. Equipment cost, conversion cost, testing cost, any other charges wherever applicable).
2. The quotations should be valid for a minimum of 30 days from the due date.
3. Other applicable levies if any to be specified separately like, insurance, transportation, packaging & forwarding etc. for the total supply.
4. The party should have a well-equipped authorized service and support center in India.
5. Suppliers shall enclose the complete product sheet of the equipment along with its compliance/calibration certificate.
6. Offer received shall confirm the compliance to our technical requirement
7. All the suppliers should prove the technical compliance features before the purchaser. .
8. The supplier shall indicate time required for procurement, delivery period and other duration like time required for installation very clearly.
9. Detailed breakup of overall cost should be clearly specified. Overall cost will be compared and should include packaging, forwarding and safe delivery to IITM.

10. A detailed compliance statement needs to be provided by vendors clearly specifying COMPLY/NON COMPLY with remarks of all of the points mentioned in this technical specification document.

11. IIT Madras is exempted from payment of import IGST and is eligible for concessional rate of customs duty. Necessary certificates will be issued accordingly at the time of clearance

12. All manuals in English language shall be supplied. All the necessary instruction, detailed wiring and circuit diagrams shall be supplied.

13. A minimum of 12 months warranty period should be given form the date of installation.