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Enquiry No. TIET/CS/HB/21-22/21241
Date : August 2, 2021

Sub: Request for Quotation(s) for the **DATA ACQUISITION SYSTEMS (DAQ)**

Dear Sir

We shall be grateful if you kindly let us have your lowest **quotations** for the following materials. THE QUOTATIONS SHOULD REACH THE UNDERSIGNED **LATEST BY August 09, 2021@ 11:00 Am** through **courier or e-mail** accompanied by appropriate illustrative literature/catalogues/pamphlets/technical details, samples and specifications as the case may be. **On the quotation envelope/ subject the Enquiry Number & Date should be mentioned on the top of the Envelope/mail subject.**

Sr. No.	Item Name	Qty.
1.	**UNIVERSAL & DISTRIBUTABLE (DAQ) (Specifications in Annexure I)**	01

The offer sent by you must furnish the following details:

1. Name, Make & specifications of each item.

2. **Price Breakup itemwise with MRP. (Treat it mandatory)**

3. Educational discount if any.

4. **Validity of quotation should be at least 60 Days.**

5. **GST %**

6. **Delivery FOR Central Stores TIET, Patiala**

7. Insurance, Freight & other charges if any.

8. Minimum Delivery Period.

9. **Payment terms. Net 30 days against delivery & satisfactory installation at Thapar Institute, Patiala.**

10. Guarantee / Warranty Information.

11. Also please share your Companies Turnover and Market Share along with the offer.

Regards,

Head Commercial

The DAQ Data Acquisition Systems have high quality switching and an advanced 6 ½ digit DMM built-in that allows you to measure accurately. Highly flexible Measurement System and Data Logger.

a) The auto calibration compensates for drifts in the internal DMM
b) Built-in internal module calibration reduces thermal voltage offset errors.
c) Ability to measure very low current ranges (1 µA DC and 100 µA AC) and higher resistance range (1000 MΩ).
d) User interface features LCD screen with soft keys - simple measurement display and configuration
e) SCPI language programming compatible
f) LAN and USB connectivity
g) Graphical Web interface built in allowing easy access on any operating system which supports a web browser eliminating need for software
h) 26-bit event counter
i) Two 16-bit analog outputs
j) Two 8-bit digital I/O ports

KEY FEATURES:

- Built-in 6 ½ digit DMM
- Basic 0.003% DCV accuracy
- Up to 450 channel/s scan rate
- Up to 120 channels per system
- Up to one million points scanning memory
- 8 switch and control plug-in modules to choose from
- Built-in signal conditioning measures thermocouples, RTDs and thermistors, AC/DC volts and current; resistance, frequency/period, diode test and capacitance.
- Measures and converts 14 different input signals: Temperature with thermocouple, RTDs and thermistor; dc/ac volts; 2- and 4-wire resistance; frequency and period; dc/ac current, diode and capacitance; direct strain and bridge strain
- color display for ease of setup and viewing data
- LAN and USB for easy connectivity to your PC
- USB flash drive support to copy/log data in standalone applications
- On/Standby switch with LED indicator
- An intuitive LCD screen and soft keys for easy configuration and measurement displays in multiple formats: number, bar meter, trend chart, and histogram
- Test automation without programming using DAQ software

Features	Description
Types of measurements	Temperature, voltage, current, resistance, frequency, diode and capacitance, direct strain and bridge strain
Digital Input/Output	Up to 48-bits
Analog output	-10 V to +10 V, 20 mA
Multiplexing	120 (1-wire), 60 (2-wire) channels
Matrix switching	96 cross points
General purpose	60 switches
RF multiplexing	24 channels, 2 GHz
Simultaneous sampling	12 channels, up to 800 kSa/s, 24-bit resolution
Interface	Graphic web, USB front/rear, LAN/LXI