

DAQ Specifications

1. Analog input: 24 bit resolution, min 40 channel, +/- 10V or 4-20mA or +/-24V DC simultaneous sampling
2. Min recording rate possible: at least 0 kHz
3. Max recording rate possible: at least 10 kHz.
4. Analog output +/- 10V, min 20 channels,
5. Pressure transducers min 6 channels
6. Differential pressure transducers min 2 channels
7. Thermocouples module min 10 channels
8. Flow meter sensing module min 3 channel
9. Suitable control panel with safety standards to house controller/necessary instrumentations and controller
10. Cables & other required accessories
11. Programming for user configurable test protocols
12. Range for voltage acquisition -10 to 10 V
13. Range for current acquisition 0 to 1 amp
14. Resolution accuracy for voltage - 8 micro volt
15. Resolution accuracy for current – 8 micro amp
16. Overall accuracy $\pm 0.1\%$ of the true value
17. Software interface for data processing

General Conditions:

1. List of Purchase orders or supply references to institute of National importance, PSU, or premier research institutes to be attached.
2. Quote for 2 years standard warranty + 1 year optional warranty.
3. Must provide installation support.
4. Must provide power cables along with the item for Indian power sockets

Note: All the technical parameters are indicative value, Bidder will be designing and specifying in their offer.

