

## **Equipment Name: DAQ**

### **Specifications:**

1. 24V, DC digital I/O min 16 channels
2. Analog input: 24 bit resolution, min 16 channel , +/- 10V or 4-20mA or +/-24V DC simultaneous sampling
3. Max recording rate possible: at least 4kHz.
4. Analog output +/- 10V, min 8 channels, strain gage/load cell module min 8 channels
5. Accelerometer module min 4 channels
6. Thermocouples module min 8 channels
7. Speed sensing module min 1 channel
8. Suitable control panel with safety standards to house controller/necessary instrumentations and controller
9. Cables & other required accessories
10. Programming for user configurable test protocols

### **General Conditions:**

1. List of Purchase orders or supply references to institute of National importance, PSU, or premier research institutes to be attached.
2. Quotation 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