

Request for Quote

Dr.Nachiketa Tiwari
Department of Mechanical Engineering
IIT Kanpur 208 016.

Tel No:+91-512-6526

Enquiry no.: Acoustics Lab/2015/02

Enquiry Date: 24/06/2015
Closing date: 15/07/2015

Sealed quotations should reach the undersigned latest by 12 noon on July 15, 2015 for data acquisition modules with following specifications.

- Internal pressure gage system with following features/specifications
 - Integrated piezo-based system
 - The sensor part should be a standalone system, which should fit in barrel with a minimum diameter of 80 mm
 - Sensor part should be wireless, and should not rely on power source located outside the barrel
 - Should not require any modification of the barrel
 - Sensor should have capability to store pressure data on board, which can be retrieved post completion of experiment
 - Sampling frequency should be at least 50,000 Hz.
 - Peak pressure range: 8000 bar and/or 1500 bar
 - The system should also be able to interact with a regular laptop through an interface device (if needed).
 - Appropriate software and accessories as needed
 - Minimum of 12 bit resolution on readings
 - Capability to withstand shocks and temperatures inside the bore

Proprietary certificate, if relevant, should be provided.

1. Delivery time should be clearly mentioned in the quotation.
2. The quotation should be accompanied with complete product description, technical literature, etc.
3. You are requested to submit your quotation in sealed envelope with complete product description, technical literature, price, warranty period, delivery time and other conditions by July 15, 2015 (12 noon) at the address given below.
4. We will require supplier to train us on the equipment and also give a demo for the same.

Dr. Nachiketa Tiwari
Department of Mechanical Engineering
Indian Institute of Technology
Kanpur 208016.