

**Foundation for Innovation and Technology Transfer
IIT Delhi**

26 May 2017

Sub: NIQ for Data acquisition device for IEPE TEDS accelerometer

Clearly marked separate sealed quotations (with separate technical and price bids) are invited for **Data acquisition device for IEPE TEDS accelerometer** input.

The bids should be submitted on or before 9th June 2017 (3 pm) to the office of M.D. FITT, IIT Delhi. Both FOB and CIF New Delhi prices (clearly indicating the taxes applicable and discount) should be quoted with agency certificate, proprietary certificate (as applicable) and delivery schedule. The payment will be made within 30 days after receipt of the items.

IEPE Analog Input module (1 unit) with 4 differential channels BNC connectors Industrial I/O signal conditioning, USB based form factor Chassis and associated accessory/cables

- Measurement module and 1-slot NI CompactDAQ chassis
- 51.2 kS/s per channel maximum sampling rate; ± 5 V input
- 24-bit resolution; 102 dB dynamic range; antialiasing filters
- Software-selectable IEPE signal conditioning (0 or 2 mA)
- Software-selectable AC/DC coupling; AC-coupled (0.5 Hz)
- Excitation current > 2 mA
- Bandwidth 23 kHz
- Windows based OS and RoHS compliant

Submit the quotations within the deadline to:

M.D. FITT,
IIT Delhi
Hauz Khas,
New Delhi-110016