

Department of Mechanical Engineering

Aligarh Muslim University, Aligarh

E-mail: sidra.khanam10@gmail.com, sidrakhanam@zhcet.ac.in,

D.No: UGC/MED/11

Date: 31.07.2019


Notice Inviting Tender

Sealed tenders are invited from the manufacturers / suppliers for the supply, installation, testing and commissioning of a good quality data measurement and acquisition device of reputed brand (**Quantity** mentioned against each item).

Sl. No.	Instrument	Qualifying Minimum Requirements and Specifications
1	<u>DATA MEASUREMENT DEVICE</u>	Accelerometer: ICPA (IEPE) Type Industrial accelerometer, sensitivity 100mV/g, 15 kHz with cable of appropriate length. (Quantity 1) MAKE: B&K/ IMI /PCB Piezotronics
2	<u>DATA ACQUISITION DEVICE with ACCESSORIES</u>	a) DAQ Card: 2 Channel, 102.4KS/s/ch simultaneous, $\pm 5V$, 24 Bit with Sound and Vibration input module, compatible with IEPE sensors, non-IEPE sensors, and smart TEDS sensors, with software selectable AC/DC coupling and IEPE signal conditioning and built in anti-aliasing filters. (Quantity 1) b) BNC Cable: BNC Male to Male Cable, 75 Ohm, 1 m length. (Quantity 4) c) Chassis: Bus powered, single slot USB Compact DAQ Chassis 32 bit general purpose counters/timers with USB 2.0 cable (1m length, Type A to Type B Jackscrew). (Quantity 1) d) DAQ Card: Multifunction I/O Device with USB 2.0 Bus connector, Maximum no. of single-ended analog input channels: 16, Max. no. of differential-ended analog input channels: 8, Sample rate: 250 kS/s, Analog input resolution: 16 bits resolution with 2.69mV absolute accuracy Front connection type: Screw Terminal (Quantity 1) MAKE: Preferably National Instruments (NI) for the items listed in S. No. 2

Terms and conditions:

1. The bidder should be registered with any government agency or with Aligarh Muslim University.
2. All duties, taxes and other levies payable under the contract should be included in the total price for local Delivery at Site, Department of Mechanical Engineering, A.M.U. Aligarh.
3. Each bidder can submit only one tender for each item. Manufacturers/authorized dealers of reputed brands of high technical quality with adequate after-sale support facilities are eligible to apply. In case the bidder is an authorized dealer, the dealership certificate from the manufacturer must be enclosed.
4. In case the item is the proprietary item of the bidder, the relevant certificate should be enclosed.
5. The make and model of the item offered must be clearly mentioned.
6. The bidder must have supplied similar good(s) of the same make to reputed organizations to their full satisfaction. The bidder must furnish a list of such organizations with their contact details including addresses, email-addresses, telephone numbers etc.
7. The prices and commercial terms and conditions should be on the official stationary of the bidder.
8. Every page of the tender should be invariably signed and stamped, with date, by the bidder. All unsigned pages will be disregarded.
9. Tender should remain valid for a period not less than 60 days after the deadline date specified for submission.
10. Tenders are to be submitted in sealed covers, with reference No. and item name clearly mentioned on the envelope.
11. The delivery time from the date of placement of purchase order should be mentioned clearly.
12. The period of comprehensive onsite warranty from the date of satisfactory installation, testing, commissioning and acceptance of offered goods should be clearly mentioned. The comprehensive warranty period will be taken into consideration in evaluation of tenders.
13. All terms and condition of the GFR 2017 of the Government of India will be applicable.
14. 100% payment will be made after satisfactory installation, testing and commissioning and acceptance of goods.
15. You are requested to submit your offer latest by 12:00 hours on 22/08/2019.
16. The tenders are to be addressed to the under signed.



Dr. Sidra Khanam
Assistant Professor
Principal Investigator, UGC Start up Grant
Department of Mechanical Engineering
Aligarh Muslim University, Aligarh