



NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR
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Bid reference no for Data acquisition module for vibration analysis with accelerometer:
NITD/MECH/KK/RIG/VIBRATION-ACCLER/2017-18

Date: 02.02.2017

To

Dear Sir,

SUB: Invitation for quotations for supply and installation of Equipments/ Instruments under “*Research Initiation Grant, NIT Durgapur*” as specified in **Annexure-II**.

1. You are invited to submit your most competitive quotation for the listed items of equipments/ instruments as per **Annexure-II**. For each item, please quote separately in separate envelope superscripted with ITEM Name. Price bid form as per **Annexure-I** must be filled in with complete numerical values. Please note that each item may include sub-items. **No separate quotations are required for sub-items.**

2. Bid Price (Annexure-I)

- The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- All duties, taxes and other levies payable by the bidder under the bid shall be included in the total price **F.O.R. NIT Durgapur**.
- The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- The bid price must be quoted in **Indian Rupees**.

3. The bid submitted by the bidder must comprise the following:

- Detailed technical specifications, conforming to the given specifications (vide Annexure – II), and literature /drawings /manuals of the goods/services to be supplied.
- Authorized dealership certificate from the original manufacturer
- Credentials and list of organizations where the bidder supplied similar items
- Warranty period (minimum twelve months comprehensive on-site)
- Valid sales-tax / VAT clearance certificate
- Price bid as per Annexure-I

4. Bids from manufacturers/authorized agents of **internationally reputed brands of high technical quality** with adequate after-sales support facilities are desired.

5. Validity of Quotation

Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.

6. Evaluation of Quotations

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e.

- which are properly signed and
- conform to the terms and conditions, and specifications.

The Quotations will be evaluated separately for each item.

7. Award of contract

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive, technologically acceptable and who has offered the lowest evaluated quotation price.

However, the decision of the Purchaser, which will have the power to decide over the right product, will be final in this regard.

7.1 Not with standing the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Delivery shall be made at **Department of Mechanical Engineering at NIT, Durgapur.**

9. Payment shall be made within 30 days after satisfactory installation, commissioning and acceptance of the good.

10. Comprehensive onsite warranty shall be applicable to the supplied goods for a **minimum** period of **twelve months** from the date of installation.

11. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:

- a) Scientific and technical instruments, apparatus, equipment (including computers)
- b) Accessories, spare parts and consumables thereof
- c) Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.

12. Liquidated Damage will be applicable at the rate of 0.5% per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.

13. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.

14. Deadline for submission of offer is 11.00 hours on February 23, 2017.

15. The purchaser will open the bids at **11.30** hours on **February 23, 2017** in the Mechanical Engineering Department.

16. Quotations are to be submitted **in sealed covers** containing relevant documents, superscripting "**Bid No. NITD/MECH/KK/RIG/VIBRATION-ACCLER/2017-18**". The bid document must be signed in every page.

17. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.

18. The items must be delivered within **45 days** from the date of placement of purchase order at the respective department.

19. Installation / commissioning / demonstration requirement: Installation, commissioning, complete demonstration and successful running at Mechanical Engineering Department, NIT, Durgapur.

20. Pre-bid conference and demonstration on the list of items can be arranged in a mutually convenient date and time.

21. All other terms and conditions of GFR 2005 of the Government of India will be applicable.

We look forward to receiving your quotations and thank you for your interest in this bidding process.
The bid must be addressed to:

Kallol Khan
Mechanical Engineering Department
National Institute of Technology Durgapur
Durgapur-713209
Dist: Burdwan
West Bengal
India

E-mail: kallol_rec@yahoo.co.in
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Telephones: + 91-9434788143 (M)

Annexure – I

PRICE BID

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 |
|--------|-------------------|-----------------|---|----------------------------|------------|---|------------------|-----------------------------|
| Sl. No | Name of the goods | Quantity & Unit | Price for each unit | | Unit Price | Sales tax/ VAT & other taxes payable [admissible only on col. 4(a)] | Total Unit Price | Total Unit Price (in words) |
| | | | Ex-factory/ ex-warehouse/ ex-showroom/ off the shelf (a) | Incidental Services (b) | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

We agree to supply the above goods in accordance with the technical specifications and the terms and conditions mentioned in the bid document at prices mentioned above within the period specified in the Invitation for Quotations.

We also confirm that the comprehensive onsite warranty of **12 months** shall apply to the offered goods.

Signature of Bidder _____

Name _____

Business Address _____

Place:

Date:

Annexure – II

List of equipment

| Serial No. | Name of the Equipment | Specification of the Equipment |
|------------|--|--|
| 01. | Data acquisition module for vibration analysis with accelerometer | <p>i) Specification for data acquisition module</p> <ol style="list-style-type: none">1. The Module should be NI 9234 or equivalent and compatible with NI 9174 chassis and LabVIEW software2. It should have minimum four numbers of channels.3. Minimum sampling rate 50kS/s per channel.4. It should have BNC connector <p>ii) Specification for accelerometer</p> <ol style="list-style-type: none">1. It should be single axis Piezoelectric Accelerometer2. It should be compatible with NI DAQ system.3. It should be compatible with LabVIEW software.4. Sensitivity 100mV/g (10.2mV/(m/s²) or higher5. Frequency range 0.5-10kHz6. Constant current excitation 2-20mA7. Maximum weight 6.5gm8. Measurement range $\pm 50g$ pk ($\pm 490m/s^2$ pk)9. Minimum resonance frequency 45kHz |