



**NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR**  
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**Date: 24.08.2016**

**BID REFERENCE FOR STRAIN INDICATOR: NITD/MECH/KK/RIG/STRAIN INDICATOR/2016-17**

**BID REFERENCE FOR WORKSTATION: NITD/MECH/KK/RIG/WORKSTATION/2016-17**

To

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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** Notwithstanding 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 September 16, 2016.**

**15.** The purchaser will open the bids at **11.30** hours on **September 16, 2016** in the Mechanical Engineering Department.

**16.** Quotations are to be submitted **in sealed covers** containing relevant documents, superscripting "**Bid No. NITD/MECH/KK/RIG/STRAININDICATOR/2016-17**" for strain measuring device and "**NITD/MECH/KK/RIG/WORKSTATION/2016-17**" for workstation. 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  
Website: www.nitdgp.ac.in  
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)				
					(a)+(b)		(5)+(6)	

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.	<b>Strain measuring device</b>	<p><b>Strain indicator/strain gauge measuring device</b> : Four input channels or Six input channels or Eight input channels, USB data link, Quarter-, half-, and full-bridge circuits, BASIC STRAIN RANGE : <math>\pm 31,000</math> micro strain (<math>\pm 1</math> micro strain resolution) at Gage Factor = 2.000, or better</p> <p>ACCURACY: + 0.1% of reading + counts. (Normal mode operation at Gage Factor = 2.000), or better</p> <p>GAGE FACTOR SETTINGS : Range 0.500 to 9.0, or better]</p> <p>Data reading rate: At least one reading per second.</p> <p>The device should be operated from personal computer.</p> <p><b>Following accessories are to be supplied with the instrument:</b></p> <p>Full strain gage installation kit(containing degreaser, conditioner, neutralizer, rosin solvent , low melting point solder, abrasive stripper rolls, 3-core lead wire, polyurethane protective coating, quick setting adhesive)</p> <p>Linear- Single element strain gage with fully encapsulated and copper coated tabs gage length 3mm, 350 ohms resistance, gage factor 2.1 nominal ( 20 pieces)</p> <p>Require software and CD to be supplied Commissioning of the device is to be done at NIT Durgapur, West Bengal, India.</p> <p><b>NB:</b> Quote separately for four, six and eight input channels instruments.</p> <p>The model number and the catalogue and the credential must be given with the bid documents. If the specification given in the catalogue and specification mentioned by bidder does not match then the bidder will be cancelled.</p>
02.	<b>Workstation</b>	<p><b>Processor:</b> Intel Xeon E5-1607 V3 3.10 Ghz , 10 MB Cache, 4 Core Processor  <b>Chipset:</b> Intel C612  <b>RAM:</b> 16 GB(2x8GB) ECC, DDR4, 2133 MHz memory  <b>Drive Controllers:</b> Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10)  <b>Hard Disk:</b> : 1 TB SATA Hard Disk            Option for future expansion of additional at least 2 Hard drives.  <b>Optical Drive:</b> DVD Writer  <b>Graphics Card:</b> Nvidia Quadro K620 Graphics card or better  <b>Monitor:</b> Compatible 24inch , Aspect Ratio 16:10 , Native Resolution : 1920X1200 @ 60 Hz,  <b>Slots:</b> 2 x PCIe Gen3 x16 2 x PCI Express Gen2 + 1 x PCI Express Gen3 1 PCI            All PCI Express slots should be open-ended.  <b>Ports:</b>  <b>Front :</b> Minimum 4 USB 3.0, 1 Headphone, 1 Microphone  <b>Rear :</b> Minimum 4 USB 3.0, 2 USB 2.0,RJ-45 integrated Gigabit LAN, 2 PS/2, 1 Audio Line-In, 1 Audio Line-Out, 1 Microphone  <b>Keyboard and Mouse:</b> Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation  <b>Audio:</b> High Definition Integrated Audio with Internal speaker.  <b>Power Supply:</b> Minimum 500W 85% Efficient Power supply OR Minimum 700W 90% Efficient Power supply  <b>Chassis:</b> Tool less chassis with easy access. Provision for Kensington lock and Panel lock required. Integrated handles on the chassis. System should be rack-mountable  <b>Operating System:</b> Windows 8.1 Professional 64 bit OS with downgrade option to Windows 7. System should be certified for running RHEL and SLED</p>