



**NATIONAL INSTITUTE OF TECHNOLOGY  
ROURKELA-769008 (ODISHA)**

(An Institute of National Importance under Ministry of HRD, Government of India )

**e-NOTICE INVITING TENDER (e-NIT)**

**Tender Notification No: NITR/PW-SR/ME/2020/59**

**Dated: 19/05/2020**

The National Institute of Technology, Rourkela invites bids from the eligible bidders for procurement of **DATA ACQUISITION SYSTEM** at NIT Rourkela.

Last date of Submission of Bid : **10/06/2020 by 03:00 PM**

Opening date of Techno-commercial Bid: **11/06/2020 at 03:00 PM**

**For Details:** [http://nitrkl.ac.in/OldWebsite/Jobs\\_Tenders/9Equipment/Default.aspx](http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx)

**Contact:** Dr. Anbarasu S (Assistant Professor)

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**Bidding through:** e-Procurement Portal of Ministry of HRD, Govt. of India

<https://mhrd.euniwizarde.com/>

Sd/-  
REGISTRAR

*An Institute where everyone strives to attain his Potential .*



**NATIONAL INSTITUTE of TECHNOLOGY  
ROURKELA – 769 008, ODISHA**

**(OPEN TENDER NOTICE NO.: NITR/PW-SR/ME/2020/59**

**Dated: 19/05/2020)**

**(Procurement of DATA ACQUISITION SYSTEM at NIT Rourkela)**

Item Name	Data Acquisition System for measurement of temperature using thermocouples
Description	<ul style="list-style-type: none"><li>• 3-slot mainframe with USB and LAN</li><li>• Built-in signal conditioning measures thermocouples, RTDs and thermistors, AC/DC volts and current; resistance, frequency/period, diode test and capacitance</li><li>• Supporting Software CD, Power Cord, USB and LAN Ports</li></ul>
Item Name	20 Channel Multiplexer for module data logger unit
Description	<ul style="list-style-type: none"><li>• 20 Channel Multiplexer + 2 Channels for dedicated current measurement</li><li>• Two- and four-wire scanning</li><li>• 300 V switching</li><li>• 80 channels/s scanning</li><li>• Built-in thermocouple reference junction</li></ul>
<ol style="list-style-type: none"><li>1. Temperature measurement options: thermocouples all types, thermistors, RTD with 0.01K resolution.</li><li>2. Voltage measurement: 0-230 V both AC and DC with 0.01 resolution</li><li>3. Current measurement: 0-1 amps with 0.01 resolution</li><li>4. Options for variable scanning time from 1 ms to 3600 s.</li><li>5. Option for interfacing with PC</li><li>6. Software for controlling the scanning and other modification during measurements</li><li>7. Options for including the calibration coefficients during measurement</li></ol>	

1. **Quantity required : 02**
2. **Delivery: Within 30 days from the date of purchase order.**
3. **Last Date of submission of Bid : 10/06/2020 by 03:00 PM**
4. **Date of opening of Techno-commercial bid: 11/06/2020 at 03:00 PM**
5. The firm should not have been black listed at any time.
6. The submission of following bids by the tender should be through **e-Procurement Portal of Ministry of HRD, Govt. of India** <https://mhrd.euniwizarde.com/> . Please follow the guidelines as per the portal.

**Procurement of DATA ACQUISITION SYSTEM at NIT Rourkela**  
**(Open Tender Notice No.: NITR/PW-SR/ME/2020/59 ; Dated- 19/05/2020)**  
**Due on 10/06/2020 by 03:00 PM**

7. Liquidated damage clause will be charged for any delay in supply of goods.
8. The validity of the tender shall be **90 days** from the date of opening of the bids.
9. Detailed advertisement including all tender documents is also available in our website at [http://nitrkl.ac.in/OldWebsite/Jobs\\_Tenders/9Equipment/Default.aspx](http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx).
10. NIT reserves the right to qualify or deny pre-qualification of any or all applicants without assigning any reasons.

**REGISTRAR**  
**NIT, Rourkela**  
**Fax No- 0661-2462022**  
**Ph. No -0661-2462021**