



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

An Institute of National Importance under Ministry of HRD, GOI

**NOTICE INVITING TENDER**

**Tender Notification No: NITR/PW/ME/2021/254**      **Dated: 17/03/2021**

The National Institute of Technology, Rourkela invites bids from the eligible bidders for procurement of **Two Body Abrasion Test Rig** at Dept. of Mechanical Engineering, NIT Rourkela.

Last date of Submission of Bid                         : **06/04/2021 by 11:00 AM**

Opening date of Techno-commercial Bid   : **07/04/2021 at 11:00 AM**

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

**Contact:** Prof. S.K.Acharya,  
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National Institute of Technology  
Rourkela – 769008  
Phone: +91-9437248460  
Email ID: [equeen@nitrkl.ac.in](mailto:equeen@nitrkl.ac.in)

**Bidding through:** <https://eprocure.gov.in/eprocure/app>

**Sd/-  
REGISTRAR**



**NATIONAL INSTITUTE OF TECHNOLOGY  
ROURKELA-769008, ODISHA**

**OPEN TENDER NOTICE NO.: NITR/PW/ME/2021/254**

**Dated: 17/03/2021)**

**Procurement of Two Body Test Rig at NIT Rourkela**

<b>Item No</b>	<b>DESCRIPTION</b>	<b>Quantity</b>
1	<b>Two Body Abrasion Test Rig (As per the specification mentioned in Tender Documents)</b>	<b>1 unit</b>

1. Quantity required : **As mentioned above (All information regarding technical specification provided in the Annexure-II in Tender Document)**
2. Delivery : Within **90 days** from the date of purchase order
3. Last Date of submission of Bid : **06/04/2021 by 11:00 AM**
4. Date of opening of Techno-commercial : **07/04/2021 at 11:00 AM**
5. The firm should not have been black listed at any time.
6. The submission of following bids by the tenderer should be through <https://eprocure.gov.in/eprocure/app> Please follow the guidelines as per the portal.

**Procurement of Two Body Abrasion Test Rig at Department of Mechanical Engineering, NIT Rourkela**

**(Open Tender Notice No.: NITR/PW/ME/2021/254 Dated: 17/03/2021)**

**Due on 06/04/2021 by 11:00 AM**

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 techno-commercial bid.
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 prequalification of any or all applicants without assigning any reasons.

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

**Technical Specification**

<b>General Specifications of the equipment</b>		
<b>Sl. No.</b>	<b>Specification</b>	<b>Requirement</b>
1.	Two Body Abrasion Test Rig	<ul style="list-style-type: none"><li>• Specimen constant geometry – Pin 3mm to 12mm dia &amp; diagonally Ball 12.7mm dia</li><li>• Wear track length – 275mm</li><li>• Wear track width – 190mm</li><li>• Motion of specimen – Bidirection, Unidirectional, Reciprocatory, Reciprocatory on different track.</li><li>• Normal load – 50N max</li><li>• Sliding speed – 1mm to 20mm/sec</li><li>• Friction force – 200N</li></ul>