



**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/CR/2019/103**

**Dated: 18.03.2019**

The National Institute of Technology, Rourkela invites bids from the eligible bidders for procurement of **Ultrasonic Instrument** at NIT Rourkela.

**Last date of Submission of Bid : 08/04/2019 at 11:00 AM**

**Opening date of Technical Bid : 09/04/2019 at 11:00 AM**

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

**Contact:** Prof. Sudip Dasgupta , CR; Ph: 0661-2462212

Email: [dasguptas@nitrkl.ac.in](mailto:dasguptas@nitrkl.ac.in)

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

**sd/-  
REGISTRAR**



# NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA-769008, ODISHA

(TENDER NOTICE NO: NITR/PW/CR/2019/103

dated: 18/03/2019)

(Procurement of Ultrasonic Instrument at NIT Rourkela)

Sl. No.	Description of Goods/Service	Quantity
1. .	Ultrasonic Instrument (Detailed specification as per attached Annexure – I)	01

1. **Quantity required** : as mentioned above (All information provided in technical specification in Annexure I)
2. **Delivery** : Within **60 days** from the date of purchase order
3. **Last date of Submission of Bid** : **08/04/2019 at 11:00 AM**
4. **Opening date of Technical Bid** : **09/04/2019 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 Ultrasonic Instrument at NIT Rourkela)

(Tender Notice No: NITR/PW/CR/2019/103, dated 18.03.2019) Due on 08.04.2019 at 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 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 prequalification of any or all applicants without assigning any reasons.

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

**TECHNICAL SPECIFICATIONS:**

Ultrasonic Power	1000 Watts
Ultrasonic Generator	Solid-state; LOT based
Frequency	20 ± 3 KHz
Input supply	230V single phase 50-60 Hz
Processing capacity	Up to 1Liter
Control Features	<ul style="list-style-type: none"> <li>i. Microprocessor based control</li> <li>ii. Programmable</li> <li>iii. LCD screen with user prompts</li> <li>iv. Alphanumeric display</li> <li>v. Capable of storing 10 programs at a time, which can be edited as per requirement</li> <li>vi. Process Timer 0-99.9 min</li> <li>vii. Integrated Temperature Controller</li> <li>viii. Full Functional Pulsar</li> <li>ix. ON/OFF Pulsar cycle independently controllable 1-59 seconds</li> <li>x. Elapsed Time indicator</li> </ul>
Output settings	10-100% Amplitude adjustable by suitable variac
Suitable Sound Enclosure/Sound Damper	MS elegantly powder coated and well ventilated, suitable to accommodate the stand base and pillar along with converter head
<b>Other salient Features:</b>	
Current meter	To indicate the input current
Stand base and pillar	SS 304
Generator Cover	MS Powder coated
UP Down movement	Manually by Knob

**Others**

- Warranty: 2 years standard warranty from the date of installation.
- Bidders must provide user details of at least 5 national level premier institution of repute where similar instruments were supplied in last 2 years
- Scanned copy of technical brochure and website reference of the same must be included in the bid.