



## 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/CH/2018/84**

**Dated: 19/11/2018**

The National Institute of Technology, Rourkela invites bids from the eligible bidders for procurement of **Refrigerated Centrifuge 20,000 rpm , -10 to 60 Degree temperature**, at NIT Rourkela.

**Last date of Submission of Bid : 12/12/2018 at 11:00 AM**

**Date of Opening of Technical Bid : 13/12/2018 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. Basdeb Munshi , CH; Ph: 0661-2462265

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

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

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REGISTRAR



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

(OPEN TENDER NOTICE NO: NITR/PW/CH/2018/84

dated: 19/11/2018)

(Purchase of Refrigerated Centrifuge 20,000 rpm, -10 to 60 Degree temperature)

Sl. No.	Description of Goods/Service	Quantity
1.	Refrigerated Centrifuge 20,000 rpm , -10 to 60 Degree temperature	01

1. **Quantity required** : as mentioned above (All information provided in technical specification in Annexure I)
2. **Delivery** : Within **70 days** from the date of purchase order
3. **Last date of Submission of Bid** : **12/12/2018 at 11:00 AM**
4. **Opening date of Technical Bid** : **13/12/2018 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 Refrigerated Centrifuge 20,000 rpm, -10 to 60 Degree temperature**

**(Tender Notice No: NITR/PW/CH/2018/84, dated- 19/11/2018) Due on 12/12/2018 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 **120 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**

**Detail specification of Refrigerated Centrifuge**

1. **Max Speed: 20,000RPM**
2. **Min Speed: 100 RPM**
3. **Max Gravitational Field: 32,198 x G**
4. **Max Volume: 4 x 175 mL| 700 mL**
5. **Speed control / Display / Setting : Digital**
6. **Display: 4 line LCD display for current and Preset Values**
7. **Motor: Maintenance free brush less drive motor**
8. **User Interface : Operating Panel with buttons**
9. **Chamber : Stainless steel**
10. **Braking System: Dynamic Electric Braking**
11. **Running Time : 99Hrs and run hold**
12. **Temp range : ( - 10°C to 60°C )**
13. **Dimension : (L X D X H) - 750 X 575 X 410 approx**
14. **Noise level : 60 dB (A)**
15. **Electrical Requirements : 230V 50 Hz 15 AMP**
16. **Single Phase**
17. **Total Power Consumption : 750 W approx.**
18. **Rotors:**
  - a. **Angled rotor 10 x 8 ml Speed Maximum 16,000 RPM**
  - b. **Angled rotor 8 x 15 ml Speed Maximum 5000-16,000 RPM**
  - c. **Angled rotor 4 x 30 ml Speed Maximum 16,000 RPM.**
  - d **Angled rotor 4 x 50 ml Speed Maximum 10,000 RPM**