



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/LS/2018/72

Dated: 29.10.2018

The National Institute of Technology, Rourkela invites bids from the eligible bidders for procurement of **Refrigerated Centrifuge with accessory** at NIT Rourkela.

Last date of Submission of Bid : 20/11/2018 at 11:00 AM

Opening date of Technical Bid : 21/11/2018 at 11:00 AM

For Details: http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx

Contact: Dr. Monalisa Mishra, LS; Ph: 0661-2462784

Email: mishramo@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/LS/2018/72

dated: 29.10.2018)

(Procurement of Refrigerated Centrifuge with accessory)

Sl. No.	Description of Goods/Service	Quantity
1.	Refrigerated Centrifuge (As per the specification mentioned in Annexure I)	01
2.	Rotor for 50 ml Conical Tubes (As per the specification mentioned in Annexure I)	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** : **20/11/2018 at 11:00 AM**
4. **Opening date of Technical Bid** : **21/11/2018 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 with accessory
(Tender Notice No: NITR/PW/LS/2018/72 dated 29.10.2018) Due on 20.11.2018 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 **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
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

Specification for Refrigerated Centrifuge with accessory

Technical Specifications

1. Refrigerated Centrifuge of Max speed: 17,000 to 20,000 rpm
2. Max Capacity: 6 x 50ml or more
3. Temperature range should be of -11°C to 40°C, which is modifiable during the running
4. Centrifuge must have function for fast cooling
5. Must have automatic temperature start up at a specific time to automatically pre-prepare temperature before centrifugation
6. Must be able to maintain at 4°C at max. speed
7. Provision for 10-12 different rotors should be available
8. Acceleration & Deceleration time: 12-15sec
9. SOFT breaking function should available
10. Run time: 30 sec to 99:50 minutes and continuous run function
11. Timer countdown to be started only when selected speed is achieved
12. Program memory: 50-60 programs
13. Display between rcf and rpm speed setting
14. Noise levels: ≤ 54 dB(A)
15. Automatic motorised lid locking
16. Must follow safety standards set by IEC 1010-2-020
17. Stainless steel chamber
18. Condensation drain should be available to eliminate water accumulation in chamber
19. Automatic rotor recognition, imbalance detection.
20. Rotor: Made of Metal (not plastic)
21. Autoclavable rotors at 121°C for 20min
22. Centrifuge should be IVD (In-vitro diagnostic) certified.
23. Fixed angle aerosol tight rotor accommodating 30 x 1.5/2ml tubes must be supplied
24. Fixed angle rotor for 6x 15/50ml conical tubes must be supplied
25. Warranty: 1 year standard warranty from the date of installation
26. Scanned copy of technical brochure and website reference of the same must be included in the bid.