



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

Advertised Tender Enquiry

Department: CHEMICAL ENGINEERING

Tender Notice No: NITR/PW/CH/2018/84

Date: 19/11/2018

Through

**CPP PORTAL
(E-procurement)**

Important Dates

Event	Date	Time
Pre-bid Conference	NA	NA
Last Date of submission of Bid	12/12/2018	11:00 AM
Date of opening of technical bid	13/12/2018	11:00 AM

Dear Sir,

We intend to purchase the commodities specified below and invite quotations in accordance with the terms and conditions detailed in the bid document. If you are interested, kindly send your offer with prices and complete terms within the time mentioned above.

For Technical query, contact to

Attention: - Head, Department of Chemical Engineering
Prof. B. Munshi
National Institute of Technology,
Rourkela – 769 008
Phone: 0661 – 2462265
Fax: 0661 – 2462999
E-mail: basudeb@nitrkl.ac.in

Yours sincerely,

Name: **Prof.B.Munshi**,
Chairman Departmental Purchase Committee
CHEMICAL ENGINEERING

Encl :

- 1. Schedule of requirement, specifications, dates etc.**
- 2. Bid document containing detail terms and conditions.**

1. Schedule of requirements

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

2. Specifications and allied Technical Details

As per annexure- I

3. Format of Quotation (tick appropriate box)

It is a single bid; please give all technical specifications and price bid in one envelope.

OR

It is a two-part bid with separate technical and price bids.

4. The bid envelope should be submitted through

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

5. Quotations should be valid for a period of **120 days** from the closing date of the bid.

6. Some important dates:

- i. Pre-bid Conference: Date: NA Time: NA
- ii. Last date for submission Date :- 12/12/2018 Time:- 11:00 AM
of Bid:
- iii. Opening of technical bid: Date :- 13/12/2018 Time:- 11:00 AM

7. Warranty of 1 year must be provided.

8. GST: 5% against GST Exemption Certificate.

9. Tender cost: Tender cost (Non refundable) in the form of DD for INR 500/-(Rupees Five Hundred Only) in favour of Director,NIT Rourkela payable at Rourkela from any scheduled commercial bank except Co-operative and gramin bank. Tender cost should reach physically through speed post /register post / courier ,containing in an envelope& superscribed with subject ,tender reference number addressing to **Registrar,NIT Rourkela-769008; Attention: HOD(CH) on or before 13/12/2018 at 11:00 AM**

9. Bid Security : **Not applicable**

10. Performance Security : **Not applicable**

11. Please go through the enclosed "bid document" carefully for other bidding instructions.

12. Please send your quotations through <https://eprocure.gov.in/eprocure/app>

13.For technical details, you may contact

Prof.B.Munshi
Department of Chemical Engineering
National Institute of Technology, Rourkela – 769 008
Phone: 0661 – 2462265
Fax: 0661 – 2462999
E-mail: basudeb@nitrkl.ac.in



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA – 769 008, ODISHA

BID DOCUMENT

1. Instructions to the bidders

- 1.1 Bids are invited on behalf of the Director, National Institute of Technology (NIT), Rourkela – 769 008, Orissa, from the intending bidders for supply of the goods/stores/equipment's for the Institute as detailed in the enquiry letter.
- 1.2 The bidders should quote their offer/rates in **BOQ** in clear terms without ambiguity.
- 1.3 In case of any discrepancy between the rates in figures and that in words, the rate in words will be accepted as correct.
- 1.4 The last date for receipt of the bid is marked in the enquiry.
- 1.5 The bids should be uploaded in <https://eprocure.gov.in/eprocure/app> Please follow the guidelines of the site.
- 1.6 If a prospective bidder requires any clarification in regard to the bidding documents, he may make a request the concerned officer or faculty member at least 15 days before the deadline for receipt of bids.
- 1.7 Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and considered non-responsive.
- 1.8 (In respect of high value plant, machinery etc. of a complex and technical nature). The bids may be submitted in two parts, viz., technical bid and financial bid.
- 1.9 The bidder has to sign in full at all pages of the scanned part of the bidding document. No over-writing in those pages is acceptable.
- 1.10 If any bidder does not fulfill technical specification, his/her eligibility will be cancelled even if his/her price got L1 status.

2. Conditions of the bid

- 2.1 The rates quoted should preferably be net, inclusive of packing, forwarding, freight, Insurance and all other incidental charges excluding taxes. In case these charges are quoted extra in addition to the quoted rates, the amount thereof or Ad Valorem rate must be specified. Packing, forwarding, freight, entry tax etc., when quotes separately are reimbursable at actual. If external agencies are employed, their receipts must be enclosed with the invoice.
- 2.2 Duties and Taxes are to be quoted separately. Ad Valorem rates thereof should be clearly indicated with reference to the relevant Acts and Rules.

It may be noted that the Institute is exempt from paying Excise Duty vide Government Notification No. 10/97 dated 01.03.1997 [Registration No.: TU/V/RG-CD (227)/2011, dated 10.10.2011. GST may be charged at applicable rates.

- 2.3 The goods are required to be delivered at the indenting Department of NIT, Rourkela, and must be reached within **70 days** from the date of placement of the supply of order under the risk and arrangement of the bidder and offers with delivery beyond the above period shall be treated as unresponsive. In case the delivery time is higher, the same must be mentioned clearly in the quotation.
- 2.4 The bid should remain valid for a period of **120 days** from the date of opening. In case your offer has a different validity period that should be clearly mentioned in the quotation.
- 2.5 Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
- 2.6 The goods offered should strictly conform to the specification and technical details mentioned in **Annexure - I**.
- 2.7 The Institute may like to conduct pre-dispatch inspection of goods, where applicable.
- 2.8 Period of guarantee/warranty, where applicable, should be specified in the bid.
- 2.9 If the successful bidder, on receipt of the supply order, fails to execute the order within the stipulated period, in full or part, it will be open to the Director, NIT, Rourkela to recover liquidated damage from the firm at the rate of 1 percent of the value of undelivered goods per month or part thereof, subject to a maximum of 5 percent of the value of undelivered goods. Alternatively, it will also be opened to the Director, to arrange procurement of the required goods from any other source at the risk and expenses of the bidder.
- 2.10 The successful bidder may be required to execute a contract, where applicable.
- 2.11 The bidder has to furnish up to date GST and Income Tax Clearance Certificate along with the bid which will be mandatory clause while technical bid evaluation.
- 2.12 Payment (100 percent) will be made by Account Payee Cheque/Bank Draft, within 30 days from the date of receipt of the goods in good condition or receipt of the bill, commissioning of the equipment, where applicable, whichever is later/latest.
- 2.13 In case of Advance payment, the payment will be made on either in Foreign Demand Draft or Wire Transfer only. The proforma invoice copy need to be sent for advance payment.
- 2.14 In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Director, NIT, Rourkela shall be final.
- 2.15 The bid document/resultant contract will be interpreted under Indian Laws.

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