



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

**Advertised Tender Enquiry**

**Department: Life Sciences**

**Tender Notice No: NITR/PW/LS/2018/56**

**Date: 20/09/2018**

**To**

**Important Dates**

**CPP Portal  
(E-procurement)**

<b>Event</b>	<b>Date</b>	<b>Time</b>
<b>Pre-bid Conference</b>	<b>NA</b>	<b>NA</b>
<b>Last Date of submission of bid</b>	<b>11/10/2018</b>	<b>11:00 AM</b>
<b>Opening date of technical bid</b>	<b>12/10/2018</b>	<b>11:00 AM</b>

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 any technical query contact to

Attention: Dr. Suman Jha  
Department of Life Sciences  
National Institute of Technology  
Rourkela – 769 008, Odisha  
Phone: 0661 – 2462938  
Email: jhas@nitrkl.ac.in

Yours sincerely,

\_\_\_\_\_  
Name: Dr. Suman Jha  
(PIC)

**Encl:**

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

## 1. Schedule of requirements

No.	Description of Goods/Service	Quantity
	<b>Lyophilizer(Freeze Dryer)</b>	1

## 2. Specifications and allied Technical Details

For detailed specification see **Annexure 1**  
Submit list of users along with the quotation.

## 3. Format of Quotation (tick appropriate box)

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

4. The Bid should be submitted through <https://eprocure.gov.in/eprocure/app>

5. Quotations should be valid for a period of **90 days** from the closing date of the bid.

## 6. Some important dates:

<b>i.</b>	<b>Pre-bid Conference:</b>	<b>Date: NA</b>	<b>Time: NA</b>
<b>ii.</b>	<b>Last date for submission of bid</b>	<b>Date: 11/10/2018</b>	<b>Time: 11:00 AM</b>
<b>iii.</b>	<b>Opening date of technical bid</b>	<b>Date: 12/10/2018</b>	<b>Time: 11:00 AM</b>

7. **Warranty:** Warranty must be **1 years** onsite which should be clearly mentioned along with the quotation

8. GST should be charge as per applicable rates (if applicable).

9. **EMD and Tender Cost:-** Bid Security in shape of Bank Guarantee/DD (Demand Draft) for INR 12,000/- (Rupees Twelve thousand Only) and Tender Cost (Non- refundable) in the form of DD for INR 500/- (Rupees Five hundred Only) in favor of **Director, NIT Rourkela Payable at Rourkela** from any Scheduled Commercial Bank except Co-operative and Gramin bank. And Bank Guarantee/DD for the Bid-Security should remain valid for a period of **45 days** beyond the bid validity period from the date of opening of bids. Bid security of unsuccessful bidders should be return to them at the earliest and latest on or before the **30th days** after the award of the contract. EMD (Earnest Money deposit) and Tender Cost should reach physically through **speed post/ register post/courier**, containing in an envelope & superscripted with subject, tender reference number addressing to **Registrar, NIT Rourkela- 769008, Odisha;** Attention: HOD(LS) on or before **12/10/2018 at 11:00 AM**

10. Performance Security: **Not Applicable**

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

12. Please send you quotation through <https://eprocure.gov.in/eprocure/app>

## 13. For technical details, you may contact

Dr. Suman Jha  
Department of Life Sciences  
National Institute of Technology, Rourkela – 769 008  
Phone: 0661–2462687  
E-mail: [jhas@nitrkl.ac.in](mailto:jhas@nitrkl.ac.in), [sumjha2004@gmail.com](mailto:sumjha2004@gmail.com)

**NB: Please furnish your Dealership Certificate (must) and Proprietary Nature Certificate (If applicable)**



# 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 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 tender document.
- 1.5 The Bid should be uploaded in <https://eprocure.gov.in/eprocure/app>. Please follow the guideline 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 Bids received after the deadline of receipt indicated in Para1.4 above shall not be taken in to consideration.
- 1.8 Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and considered nonresponsive.
- 1.9 (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.
- 1.10 The bidder has to sign in full at all pages of the scanned part of the bidding document. No over-writing in those pages are acceptable.

### **2. Conditions of the bid**

- 2.1 The rates quoted should preferably be net, inclusive of all taxes and duties, packing, forwarding, freight, Insurance and all other incidental charges. 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 etc., when quotes separately are reimbursable at actuals. 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/RGCD (227)/2011, dated 10.10.2011].**

- 2.3 The goods are required to be delivered at the indenting Department of NIT, Rourkela, and must be reached within **30 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 **90 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 Income Tax Clearance Certificate along with the bid.
- 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.

**Specifications for Freeze Dryer or Lyophilizer**

1. Should be a compact and user-friendly benchtop/Floor-Top system for laboratory scale freeze drying,
2. Ice condensation performance should be 2 kg per 24 hrs,
3. Ice condensation capacity 2.5 kg, with minimum condenser chamber volume 3.5 Ltr.,
4. Ice condenser temperature of -80°C at ambient temperature of 25°C with pre-freeze capacity,
5. The drying chamber and ice condenser should be made of SS of highest quality,
6. Vacuum pump should be able to handle aqueous samples with precise vacuum sensing sensor,
7. Vacuum degree < 10 Pa / 10<sup>-2</sup> Bar (operational vacuum).
8. Should upgradable facility to control vacuum using electromagnetic valve to reduce drying process time,
9. Should include hot gas defrosting as standard,
10. Graphic LCD display showing process data like ice condenser temperature, vacuum and process time,
11. Should have facility to find out the product temperature while in process by using the vapor pressure reading,
12. Should have an acrylic chamber with minimum 6 connecting ports having individual rubber valves,
13. Should facilitate shelf drying- three shelves each with diameter of 200 mm,
14. System should be able lyophilize samples in round bottom flasks/wide neck bottles/ampoules etc.,
15. Should be a CE Certified model and Imported model,
16. System should be supplied with a CO2 incubator with following Specification free of cost:

CO2 incubator of 160 liters' double door and air jacket capacity with microcomputer controlled LED display of Temp., CO2 %, run-time. The incubator must have time, over temp., and CO2 alarm. Additionally, the incubator must have UV-lamp for sterilizing the incubator, Infrared sensor for accurate CO2 %, with CO2 control range of 1-20 % and Temp. Control range RT+ 5-60 OC, water tank to maintain humidity in chamber.

17. Both the instrument, Lyophilizer and CO2 incubator, must be supplied with three years warranty.

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