



**SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY AND  
CONSULTANCY EDUCATION CELL  
NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA**

**Advertised/Limited Tender Enquiry**

**Department: Biotechnology and Medical Engineering (BM)**

**Tender Notice No: NITR/PW/BM/2018/07**

**Date: 26-02-2018**

To  
CPP Portal  
(E-procurement)

**Important Dates**

<b>Event</b>	<b>Date</b>	<b>Time</b>
Pre-bid Conference	<b>NA</b>	<b>NA</b>
Last Date of submission of quotation	19-03-2018	03:00 PM
Date of Opening of Technical Bid	20-03-2018	03:00 PM
Date of opening of financial bid	21-03-2018	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 any clarification to:

Prof. Subhankar Paul,  
Department of Biotechnology and Medical  
Engineering,  
National Institute of Technology  
Rourkela – 769 008, ORISSA  
FAX No.0661-2462022

Yours sincerely,

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Name: Prof. Subhankar Paul  
Principal Investigator

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
1.	<b>Fully Computer Controlled FTIR</b>	1

**2. Specifications and allied Technical Details**

<b>As per Annexure-I</b>
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**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 techno-commercial and price bids. Please see item 1.12 of instructions for method of bidding.

**4. The Bid should be submitted through e-procurement:**

<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:**

i.	<b>Pre- bid Conference:</b>	Date: __NA__	Date: __NA__
ii.	Last date for receipt of quotation:	Date: 19.03.2018	Time: 03:00 PM
iii.	Opening of techno-commercial bid:	Date: 20.03.2018	Time: 03:00 PM
iv.	Opening of Financial bid:	Date: 21.03.2018	Time: 11:00 AM

**7. Warranty** of 01 years must be provided.

**8. Excise Duty:** The Institute is exempt from Excise Duty. Please state applicable excise duty as a separate item.

**9. GST:** GST should be charge according to applicable rates (if applicable).

**10. Entry Tax:** The State of Orissa charges entry tax on all goods entering the State. Please include it in your quotation as a separate item. Entry Tax will be reimbursed on production of proof of payment.

**11. Bid Security: Not Applicable**

**12. Performance Security: Not Applicable**

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

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

For technical details, you may contact

Prof. Subhankar Paul,

Department of Biotechnology and Medical Engineering,  
National Institute of Technology, Rourkela – 769 008

Phone: 09438211334, 0661-2462284

E-mail: [spaul@nitrkl.ac.in](mailto:spaul@nitrkl.ac.in)



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

**BID DOCUMENT**

**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/ equipments 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. In case the above date is declared a holiday for NIT, Rourkela, and the bids will be received up to the appointed time on the next working day.
- 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 Bids received after the deadline of receipt indicated in para 1.4 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 non-responsive.
- 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 is acceptable.

## **Terms and 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 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 dispatched within **60 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 GST and 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, and after successful installation and demonstration where ever applicable, whichever is later/latest.
- 2.13 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.
- 2.14 The bid document/resultant contract will be interpreted under Indian Laws.

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# ANNEXURE - I

## TECHNICAL SPECIFICATIONS: -

**The specification of the Fourier-transform infrared spectroscopy Unit should be as follow:-**

- Spectral Range : 7800 – 350  $\text{cm}^{-1}$  or better
- Spectral resolution : Better than 0.5  $\text{cm}^{-1}$
- S/N Ratio: 28,000:1 **peak to peak** for 1 min scan or better
- Wavelength Accuracy/Precision : 0.1  $\text{cm}^{-1}$  at 2000 $\text{cm}^{-1}$  or better
- Must have KBr beam splitter and KBr Windows
- Instrument should be offered with high sensitivity DTGS/DLaTGS detector
- Software should have the facility of real time update of spectral information
- Instrument should have automatic performance verification system using NIST traceable standard
- Interferometer- A self-compensating, dynamically aligned interferometer should remove any tilt and shear scanning error
- Instrument should be offered with one year standard warranty including five years warranty on interferometer.
- All necessary accessories for liquid & solid sampling in transmittance should be quoted

## Essential accessories:-

- ATR accessory should be quoted with Zn-Se flat and trough crystals for direct sample analysis of solid, liquid, paste, powder and gel samples.
- A sample preparatory refrigerated spinning unit (20000 g)

## Other Accessories:

- 15 ton hydraulic Press
- Suitable online 2KVA UPS with 15 minutes back
- Suitable PC (i3 or better processor) with printer.

## Custom clearance & transportation:-

All item/s should be delivered to Biotechnology & Medical Engg. Department, NIT, Rourkela with insurance.

**\*Preference will be given for the closest matching current at the either ends**

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