



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

Advertised Tender Enquiry

Department: Earth & Atmospheric Sciences

Tender Notice No: NITR/PW/ER/2021/248

Date: 02/03/2021

IMPORTANT DATES

To

Bidding
Through
e- Procurement module of
CPP Portal

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

Event	Date	Time
Pre-bid meeting	NA	NA
Last date of submission of bid	22/03/2021	11:00 AM
Date of opening of techno-commercial bid	23/03/2021	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:

Yours sincerely,

Attention:
Prof. Sk Md Equeenuddin (Associate Professor)
Department of Earth & Atmospheric Sciences,
National Institute of Technology,
Rourkela – 769 008
Phone: 0661-246-2939
E-mail: equeen@nitrkl.ac.in

Prof. Sk Md Equeenuddin

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.	TOC Analyser	1 Unit

2. Specifications and allied Technical Details: As per the specification attached in the **Annexure-II**

3. Format of Quotation (tick appropriate box)

It is a two-part with separate techno-commercial and price bids.

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 date of opening of techno commercial bid.

6. Some important dates:

i.	Pre-bid Conference	Date:	NA	Time:	NA
ii.	Last date for submission of bid	Date:	22/03/2021	Time:	11:00 AM
iii.	Date of opening of techno- commercial bid	Date:	23/03/2021	Time:	11:00 AM

7. **Warranty: Two years** of standard warranty from the date of installation.

8. **GST:** GST should be charge according to applicable rates.

9. **Tender Cost:** Tender cost (Non- refundable) in the shape of Demand Draft for **INR 1000/- (Rupees One thousand only)** in favor 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 & superscripted with subject, tender reference number addressing to **Registrar, NIT Rourkela- 769008, Odisha; on or before 23/03/2021 at 11:00 AM,** failing which the bid will be summarily rejected.

10. **Bid Security:** It is mandatory to submit the "**Bid Security declaration**" form as mentioned in **Annexure I**, failing which the bid will be summarily rejected.

11. **Performance Security: 3 % of the contract value** should be deposited to the Institute within 15 days from the date of issue of Purchase Order, in shape of Demand Draft (DD)/Bank Guarantee in favor of "Director, NIT Rourkela and payable at Rourkela" from any Scheduled Commercial Bank except Co-operative and Gramin bank. And Performance security should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the suppliers including warranty obligation.

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

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

14. Technical Bid Evaluation Criteria:

a) At least three user names and contacts from NIT/IIT/reputed Indian institute /Govt. R& D organizations must be provided where the similar type equipment/accessories (**Annexure –II**) have been supplied in last three years. Scan copies of the minimum three purchase orders of the above equipment/accessories (Annexure-II) must be enclosed along with the technical bid.

- b) Scanned copies of the technical brochure of the above equipment and accessories (**Annexure-II**) given in the quotation must be included in the technical bid.
- c) Web references must be provided along with the technical bid.
- d) Point wise technical compliance along with any deviation of the mentioned specifications (**Annexure-II**) must be indicated along with technical documents.
- e) Make and model no. should be mentioned in the technical bid.
- f) Bidder who fulfil the requirement as per the annexure-II shall be eligible to apply. Joint ventures are not accepted.
- g) Any other points may have deemed fit by the committee at time of technical evaluation of bid documents.
- h) The firm should have an average annual financial turnover of Rs. 30 lacs during the last two years ending 31st March 2020.
- i) There must be a local maintenance center within India with availability of the spares.

Financial Bid Evaluation Criteria:

Final Price comparison for the award of contract to decide Lowest price (L1) will be made based on the prices quoted for item no. 1.01 in BOQ.

15. For technical details, you may contact

Prof. Sk Md Equeenuddin (Associate Professor)
Department of Earth & Atmospheric Sciences,
National Institute of Technology, Rourkela – 769 008
Phone: 0661-246-2939
E-mail: equeen@nitrkl.ac.in

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– 769008, Odisha, 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 rate 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 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, s/he may make a request the concerned officer or faculty member at least 15 days before the deadline for receipt of bids.
- 1.7 Bid received after 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., techno-commercial 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.
- 1.11 If any bidder does not fulfil technical specification, his/her eligibility will be cancelled even if his/her price got L1 status.
- 1.12 Bidders registered with any of the following agencies/ bodies as per Public procurement policy for Micro & Small Enterprises (MSE) order 2012 are exempted categories from payment of EMD & Tender Cost provided that the registration Certificate issued by any one of these below mentioned agencies must be valid as on close date of tender. Micro small or medium enterprises who have applied for registration or renewal of registration with any of these agencies/bodies but have not obtained the valid Certificate as on close date of tender are not eligible for exemption.
 - i) Khadi and Village Industries Commission (KVIC)
 - ii) National Small Industries Corporation (NSIC)
 - iii) Any other body specified by Ministry of MSME/GOI

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 including 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 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 availing custom duty exemption in terms of Notification No. 51/96 – Customs dt. 23.07.1996, Notification No. - 47/2017- Integrated Tax (Rate) dt. 14.11.2017 and Notification No- 45/2017 – Integrated tax (Rate) dt. 14/11/2017 & Notification No. - 45/2017- Central tax (Rate) dt. 14.11.2017, Notification No. - 45/2017- Union Territory Tax (Rate) dt. 14/11/2017 [Vide DSIR, Ministry of Science and Technology, Government of India, Registration No.: TU/V/RG- CDE (227)/2016, dated: 13.11.2018]**
- 2.3 The goods are required to be delivered at the indenting Department of NIT, Rourkela, and must be reached 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 as mentioned in schedule of requirements in the tender documents.
- 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 Purchase order / Work order shall be placed on the bidding firm(s). In case of deviation to this, if any, the bidding firm should produce any such sufficient documents/credentials i.e, Agreements, MOUs, Arrangements etc. with the third party/ OEM to satisfy the buyer. A consent letter from the third party/ OEM to that effect must be enclosed along with the bidding documents.
- 2.13 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.
- 2.14 State Bank of India is the sole Banking partner for NIT Rourkela for operation of LC (Letter of Credit).
- 2.15 In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Director, NIT, and Rourkela shall be final.
- 2.16 The bid document/resultant contract will be interpreted under Indian Laws.

BID SECURITY DECLARATION

Tender Ref. No.: _____ Dated _____

Tender ID : _____

To

**The Registrar,
National Institute of Technology, Rourkela
Sundargarh, Odisha-769008**

The undersigned, declare that I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration. I/We accept that I/We may be disqualified/suspended from bidding for any tender /contract in your Institute (NIT Rourkela) for a period of **Five Years** from the date of notification of present tender, if I am /We are in a breach of any obligation under the bid conditions as under, if I/We

- a) Withdraw/modify/amend, impair or derogate the tender/bids, during the period of bid validity specified in the form of Bid; or
- b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
 - (i) fail or refuse to execute the contract, if required, or
 - (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration) Duly authorized to sign the bid for and on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing) Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

DETAILED TECHNICAL SPECIFICATION

Description: Microprocessor and /or PC based analyser with facility for direct measurement of total Carbon (TC), Inorganic carbon (IC), Total Organic Carbon (TOC), and Total Nitrogen (TN) in aqueous and solid samples.

- 1) **Operating Principle:** Catalytic combustion at high temperature
- 2) **Measuring Range:** The system measuring range should be 0-30,000 mg/L with automatic sample dilution.
- 3) **Measurement samples:** Liquid and Solid
- 4) **Injection Volume:** 50-500 µl range
- 5) **Measuring time:** approx. 4-8 mins
- 6) **Max furnace temperature :** 900- 950 °C
- 7) **Gas Quality requirement :** synthetic air (hydrocarbons and CO₂ <1 ppm) or oxygen 99.995% (4.5)
- 8) **Supply Pressure :** 200±10 kPa
- 9) **Gas consumption :**150 ml/min
- 10) **Gas cylinders and Regulator :**Zero Air cylinders with regulator and gas purification kit
- 11) **Power Supply:**220-240 V AC, 50 Hz
- 12) **Computer and Printers :**

Any branded computer having following specification

- a) Processor: Intel core I5 7th generation or latest version
- b) CPU: Minimum 2.0 GHz
- c) OS: Windows 10 Professional
- d) RAM : Minimum 8 GB DDR4
- e) Hard disk: 500 GB
- f) USB terminal: 4 nos
- g) DVD writer
- h) Monitor: Minimum 18.5 inch and resolution 1024×768 pixels
- i) Keyboard and mouse
- j) Graphic capable printer

13) Solid Sample Module :

- a) High temperature module upto 950 °C
- b) Sample weight : upto 1.0 g
- c) Combustion tube should be made of Quartz

14) Automatic setting should be presented for optimal measurement conditions

15) Automatic selection of optimal calibration curves

16) Automatic reanalysis setting are expected for out of range samples

17) Automatic exclusion of anomalous values is expected

18) **Consumable :**

a) Combustion tube b) O-ring for combustion tube (Set of 3 pieces or set of 5 pieces)

c) High temperature mat (Set of 3 pieces) d) Platinum catalyst (sufficient for 3 refills)

and necessary consumables should be supplied for at least 4000-5000 sample analysis.

19) **Warranty: Two years** of standard warranty from the date of installation.

20) **Installation and onsite training:** Installation must be free off cost by the vendor. A 2-day installation post-training for complete system should be provided by the bidder free of cost.