



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

Advertised Tender Enquiry

Department: Chemistry

Tender Notice NO.: NITR/PW/CY/2019/127

Date: 18/06/2019

To

Important Dates

**Through
CPP Portal
(E-procurement)**

Event	Date	Time
Pre-bid Conference	-NA-	-NA-
Last Date of submission of bid	10/07/2019	11:00 AM
Date of opening of techno-commercial bid	11/07/2019	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 technical query contact to

Attention: Dr. Gokarneswar Sahoo
Department of Chemistry
National Institute of Technology
Rourkela – 769 008, Odisha
Phone: 0661 – 2462669
Email: sahoog@nitrkl.ac.in

Yours sincerely,

Name: Dr. Gokarneswar Sahoo
(PIC)

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	PVC Fume Hood	2

2. **Specifications and allied Technical Details**

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

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

It is a two-part bid 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: 10/07/2019	Time: 11:00 AM
iii.	Opening date of techno-commercial bid	Date: 11/07/2019	Time: 11:00 AM

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

8. **Technical Evaluation Criteria:** As per the detail equipment technical specifications given in Annexure –I. If required, the bidder may be asked to provide clarification regarding the technical aspects.

9. The comparison will be made for award of contract on the overall price basis.

10. **GST** should be charge as per the applicable rates.

11. **Bid Security(EMD) and Tender Cost:-** Bid security(EMD) in shape of DD (Demand Draft) for **INR 10,000/- (Rupees Ten Thousand Only)** and **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. And 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. Bid security 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(CY) **on or before 11/07/2019 at 11:00 AM.**

13. Please go through the enclosed "bid document" carefully for other bidding instructions. Please send your quotations through <https://eprocure.gov.in/eprocure/app>

14. For technical details, you may contact

Dr. Gokarneswar Sahoo
Department of Chemistry, National Institute of Technology,
Rourkela – 769 008, Odisha
Phone: - 0661–246-2669; E-mail: sahoog@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 – 769 008, 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 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 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.

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 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- Central tax (Rate) dt. 14.11.2017[vid 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 **90 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 of PVC Fume hood**TESTING STANDARD:**

ASHRAE 110:1995 (American Society of Heating, Refrigerating and Air-Conditioning Engineers)
The Bidder must provide user list of reputed organisations for Fume Hood with contact numbers.

CERTIFICATION: SEFA-8 (Scientific Equipments and Furniture Association)

The Bidder must have valid SEFA Executive membership certificate.

Dimension	6'0"L x 3'5"W x 7'9"H in feet
Material of Construction: a) Carcass	16mm thick melamine resin filled laminated flat press board, sealed by PVC edge tapes.
b) Shutters	The shutters and drawers fronts will have chemical resistant PVC thermo foil face E1/E2 grade core material the urethane acrylic coating on top of thermo foil is resistant to deformation and scratches PVC.
Door	Single, vertical sliding, concealed type door, balanced with counter weights and wire rope etc.
Ducting	Rigid ducting of FRP of 200mm dia. 10 feet 4mm thick rigid FRP pipe will be provided with suitable rain-hood.
Baffle	A stable, non-adjustable with a single slot on the back baffle to aid in distributing the flow of air into and through the hood. The baffle shall be spaced out from the back liner and shall be removable for cleaning.
Impeller	Dynamically balanced impeller
Baffled by	3 MM thick sheet
Centrifugal Blower	Silent high efficiency remote blower consisting of continuous rating motor and chemical resistant impeller. The blower is designed to give a face velocity at safe working height as per the international safe velocity norms (ANSI). The exported face velocity at open sash is 100FPM.
Casing	6MM thick Resin.
Coupling	Direct
Sash	The sash shall be of glass with vertical rising frame. The bottom of the sash frame shall have a full length handle. The sash is counter balanced with a weights to prevent titling and binding during operation. The glass panel shall be 5mm toughened glass.
Bottom Arrangements a) Carcass	16mm thick melamine resin filled laminated flat press board, sealed by PVC edge tapes.
b) Shutters	The shutters and drawers fronts will have chemical resistant
Suction Expected	800-1000 cfm
Color	Blue & White Combination

Flooring	The work top should be made of intense chemical resistant 25 microns thick FEP (Fluorinated Ethylene Propylene) Supported on a backing material of 16 mm thickness with a pressure sensitive acrylic adhesive that adheres to most surfaces. Skirting of 15mm thick granite on 3 sides should be provided.
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AMENITIES (Included):

Lighting	1 No. 4 feet Tube light of 20 volts will be provided.
Electrical Arrangements	The hood super structure shall be fully wired. It also has 8 No's . Electrical sockets and switches of (230V, 5/15A, 50HZ)
Cable Entering port	For easy access of cable of from fume hood to electrical sockets.
Gas Valve	2 No's of Gas valve will be provided.
Back Side Iron grid	At the inside cabin Iron grid of 5'x 3' dimension
Quantity:- 2 No	

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