



Advertised Tender Enquiry

Tender Notice No: NITR/PW/CY/2019/129

Date: 28/06/2019

Department: Chemistry

To

Important Dates

Through,
CPP Portal
(E-procurement)

Event	Date	Time
Pre-bid Conference	NA	NA
Last date of submission of bid	26/07/2019	11:00 AM
Opening of techno-commercial bid	29/07/2019	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 clarification

Principal Investigator: Dr. Sabita Patel
Department of Chemistry
National Institute of Technology Rourkela
Rourkela– 769 008, Orissa, India.
Phone No. : 0661- 2462660 M: 9861414910
FAX No.0661-2462926
Email: sabitap@nitrkl.ac.in

Yours sincerely,

Name: Dr. Sabita Patel
Principal Investigator:
Project Code: NITR/SR/18/CY/017

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.	Rotary evaporator with vacuum pump and recirculating chiller (Detailed specification as per attached Annexure – I)	01

2. Specifications and allied Technical Details

* Attach User list along with the quotation

3. Format of Quotation (tick appropriate box)

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

- The bid should be submitted through <https://eprocure.gov.in/eprocure/app>
- Quotations should be valid for a period of **90** days from the date of opening of techno-commercial bid.

6. Some important dates:

Event	Date	Time
Pre-bid Conference	NA	NA
Last date of submission of bid	26/07/2019	11:00 AM
Opening date of techno-commercial bid	29/07/2019	11:00 AM

- Warranty** of **01** year must be provided from the date of installation.
- GST:** GST should be charge according to applicable rates.
- EMD (Earnest Money deposit) and Tender Cost:** **EMD (Earnest Money deposit)** in shape of **DD (Demand Draft)** for **INR 12,000/- (Rupees Twelve Thousand Only)** and **Tender Cost (Non- refundable)** in shape of **DD (Demand Draft)** 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. DD for the EMD (Earnest Money deposit) should remain valid for a period of **45 days** beyond the bid validity period. EMD (Earnest Money deposit) 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 : Sabita Patel(CY) **on or before 29/07/2019 at 11:00 AM.**

10. Performance Security: Not Applicable

- Please go through the enclosed “bid document” carefully for other bidding instructions.
- Please send your quotations through <https://eprocure.gov.in/eprocure/app>
- For technical details, you may contact

Dr. Sabita Patel
Principal Investigator:
Project Code: NITR/SR/18/CY/017
Department of Chemistry, National Institute of Technology,
Rourkela – 769 008
Phone: 0661 – 2462660, M: 9861414910
Fax: 0661-2462926 E-mail: sabitap@nitrrkl.ac.in

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



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EDUCATION CELL
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/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 bids should be uploaded in <https://eprocure.gov.in/eprocure/app> Please follow the guidelines of the site.
- 1.5 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.
- 1.6 Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and considered non-responsive.
- 1.7 (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.
- 1.8 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.

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 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 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, 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.

Specification for Rotary evaporator with vacuum pump and recirculating chiller**Technical Specifications****Application:**

The system would primarily be used for efficient and gentle evaporation of solvents under control boiling point applying precise vacuum.

System:

The system should be with the following features:

ROTARY EVAPORATOR

Condenser Surface Area:	1400 ~ 1500 cm ² Maximum
Safety:	The glass parts should be Plastic Coated.
Rotation:	20 ~280 RPM
Lift:	Motorized/Electronics
RPM Direction:	Option for Bi direction rotation
Sensors:	Option for foam sensor
Heating Bath control :	RT to 220 ^o C with set and actual temp. display
Default Supply:	With 1 Ltr Receiving and Evaporating Flask
Display:	RPM, Heating bath temperature, Height movement
Operating Voltage:	100-240V
Power consumption :	100W
Frequency:	50-60Hz
Protection class :	IP 21
Approval:	CE/CSA

VACUUM PUMP

Mode :	Speed and Valve control
Observation:	Glass window for easy maintenance
Default mode:	Speed control
Suction Capacity:	1.8m ³ /h Maximum
Number of Steps(Heads):	2
Final Vacuum – 5mbar:	5mbar
Power consumption:	180W
Operating Voltage:	100 ~ 240 V 50Hz
Sound Level:	32-57 dBA

VACUUM CONTROLLER

Display Screen:	4'3 LCD Display
Display Parameters:	Heating Bath Temp/RPM/Chiller Temp/Vacuum
Option:	To fix on rotary evaporator or Vacuum pump
Protection class:	IP 21
Detection:	Automatic detection of Heating Bath Temp
Library:	Common 63 solvent with auto detection of required vacuum
Facility:	Can be used independently if required
Approvals:	CE/CSA

RE-CIRCULATING CHILLER

Cooling capacity: 550W cooling power @15°C
Temperature range: -10°C to +25°C
Voltage : 230V, 50/60 Hz
Temperature Display : Resolution 0.1 C
Refrigerant: R-134a, CFC free refrigerant
Temperature regulation accuracy : +/-1C
Tank volume: 3.0 L
Flow Rate: 2.5 L/min

Complete Solution from the same source of manufacturing for better compatibility & integration

Single point operation for all set parameters

Single point ON/OFF for all attached accessories e.g. Chiller/Vacuum Pump

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