



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA-769008 (ODISHA)**

(An Institute of National Importance under Ministry of HRD, GOI)

NOTICE INVITING TENDER

Tender Notification No: NITR/PW/CY/2018/22

Dated: 19.04.2018

The National Institute of Technology, Rourkela invites bids from the eligible bidders for procurement of **ROTARY EVAPORATOR with digital water bath.**

Last date of Submission of Bid : 16.05.2018 at 11:00 AM

Date of opening of Technical and Financial Bid : 17.05.2018 at 11:00 AM

For Details: http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx

Contact: Dr. N. Panda, CY; Ph. 0661-2462653; Email: npanda@nitrkl.ac.in

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

**sd
REGISTRAR**



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA – 769 008, ODISHA

(OPEN TENDER NOTICE NO: NITR/PW/CY/2018/22 Date: 19.04.2018)

Purchase of Rotary Evaporator with digital water bath.

| Sl.No | Description of Goods/Service | Quantity |
|-------|--|----------|
| 1. | <p>A. Rotary evaporator with motorized auto Jack-up function</p> <ul style="list-style-type: none">• Driving Unit: Encased induction motor with electronic speed control• Condenser: Vertical Double spiral glass coil(condensate surface 1400 cm² or more)• Drive unit: Motorized drive unit with height adjustment provision for evaporating flask• Rotation Speed: 20-280 RPM or better with microprocessor control• Designed vapor tube with sleeve to add more strength and easily removes from drive• Display: digital display of rotation speed, heating bath and vacuum• Vacuum controller: Digital display (compatible to existing diaphragm with ultimate vacuum <10mbar) with Measurement range : 0-760 mmHg/Torr 0-1065hPa/mbar• Vacuum seal: PTFE seal (seal should also be covered in standard warranty period of three years)• Liquid Contact parts : Glass & PTFE• Voltage frequency 220-240V/50 Hz• Protection Class – IP 20• Certificates: Instrument should have ISO 9001 : 2008, CE certification <p>B. Digital Water Bath</p> <ul style="list-style-type: none">• Universal Heating bath temperature ambient to 200°C• Secondary over temperature cut-off at 250 °C• Bath Capacity: 4-5 L• Temperature Controller: Microprocessor based PID Control• Safety features: Overheating protector, auto cut off• Certificates: Instrument should have ISO 9001 : 2008, CE certification | 1.00 |

Note : The supplied rotary evaporator should be compatible to our existing two stage oil free diaphragm pump (NVC 1000, eyela made) of ultimate vacuum of < 10 mbar or better.

Quantity required Delivery: As mentioned above (All information provided in technical specification)

Delivery: Within 60 days from the date of purchase order

Last Date of submission of Tender : 16.05.2018 at 11: 00 AM

Date of opening of Technical and Financial Bid : 17.05.2018 at 11:00 AM

1. The firm should not have been black listed at any time.
2. The submission of following bids by the tenderer should be through <https://eprocure.gov.in/eprocure/app>
3. Please follow the guidelines as per the portal.

**Purchase of Rotary evaporator with digital water bath.
(Tender Notice No.: - NITR/PW/CY/2018/22, dated: 19.04.2018 Due on
16.05.2018 at 11:00 AM)**

4. Liquidated damage clause will be charged for any delay in supply of goods.
5. The validity of the tender shall be **90 days** from the date of opening of the bids.
6. Detailed advertisement including all tender documents is also available in our website at http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx.
7. NIT reserves the right to qualify or deny prequalification of any or all applicants without assigning any reasons.

(REGISTRAR)
NIT, Rourkela
Fax No- 0661-2462022
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