



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-SR/CY/2019/140 Dated: 22/08/2019

The National Institute of Technology, Rourkela invites bids from the eligible bidders for procurement **of Vertical rotary evaporator with its accessories.**

Last date of Submission of Bid : 12/09/2019 at 11:00 AM

Opening date of Techno-commercial Bid : 13/09/2019 at 11:00 AM

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

Contact: Dr. N. Panda, CY; Ph. 0661-246 2653;

Email: npanda@nitrkl.ac.in

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

**Sd/-
REGISTRAR**



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

(LIMITED TENDER NOTICE NO: NITR/PW-SR/CY/2019/140

Date: 22/08/2019)

Procurement of Vertical rotary evaporator with its accessories.

Sl.No	Description of Goods/Service	Quantity
1.	<p><u>Vertical Rotary Evaporator with its accessories:-</u></p> <p>A. Rotary evaporator with motorized auto Jack-up function</p> <ul style="list-style-type: none">i. Driving Unit: Encased induction motor with electronic speed controlii. Condense: Vertical Double spiral glass coil with condensate area 1400 cm² or moreiii. Drive unit: Motorized drive unit with height adjustment provision for evaporating flaskiv. Rotation Speed: 20-280 RPM or better with microprocessor controlv. Display: digital display of rotation speed, heating bath and vacuumvi. In build Vacuum controller : Digital displayvii. Vacuum seal : PTFE seal (seal should also be covered in standard warranty period of three yearviii. Liquid Contact parts : Glass & PTFEix. Voltage frequency 220-240V/50 Hzx. Protection Class – IP 20xi. Certificates: Instrument should have ISO 9001 : 2008, CE certification <p>B. Digital Water Bath</p> <ul style="list-style-type: none">i. Universal Heating bath temperature ambient to 200°Cii. Bath Capacity: 4-5 Liii. Temperature Controller: Microprocessor based PID Controliv. Safety features: Overheating protector, auto cut offv. Certificates: Instrument should have ISO 9001 : 2008, CE certification <p>C. Diaphragm Vacuum Pump:</p> <ul style="list-style-type: none">i. Displacement method: Diaphragmii. Suction Volume : 40L/min. ~ 2.4m³/hr.iii. Ultimate Vacuum : 1.0kPa ~ < 10mbar with Measurement range: 0-760 mmHg/Torr 0-1065hPa/mbariv. Rotation speed : 1370rpmv. Safety function : Thermal Protectorvi. Motor Output : 100Wvii. Power source : 220VAC, 50Hz., 1Ø <p>D. LOW TEMPERATURE CIRCULATOR</p> <ul style="list-style-type: none">i. Compact table top water circulator taking up not more than 18" x 11" x 20" of spaceii. Cooling range -10- Ambientiii. Circulation method: Closed loopiv. Temp. control: Compressor ON-OFF controlv. Display: Digitalvi. Bath capacity: 4 – 7 Lvii. Refrigeration unit: Air cooled, Output 350wviii. Circulating pump: Flow 14L/min or betterix. Bath material: stainless steel	01 Unit

1. Quantity required Delivery: As mentioned above (All information provided in technical specification)
2. Delivery: Within **30 days** from the date of purchase order,
3. Last Date of submission of Bid : **12/09/2019 at 11:00 AM**
4. Date of opening of techno-commercial bid : **13/09/2019 at 11:00 AM**
5. The firm should not have been black listed at any time.
6. The submission of following bids by the tenderer should be through <https://eprocure.gov.in/eprocure/app>
7. Please follow the guidelines as per the portal.

**Procurement of Vertical Rotary evaporator with its accessories.
(Limited Tender Notice No.: NITR/PW-SR/CY/2019/140 dated: 22/08/2019) Due
on 12/09/2019 at 11:00 AM**

8. Liquidated damage clause will be charged for any delay in supply of goods.
9. The validity of the tender shall be **90 days** from the date of opening of the bids.
10. Detailed advertisement including all tender documents is also available in our website at http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx.
11. 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
Ph. No -0661-2462021