



**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/CR/2018/20

Dated: 13/04/2018

The National Institute of Technology, Rourkela invites bids from the eligible bidders for Procurement of **Laboratory Fume Hood and Accessories** at NIT Rourkela.

Last date of Submission of Bid : **07/05/2018 at 11:00 AM**

Date of opening of technical and financial Bid : **08/05/2018 at 11:00 AM**

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

Contact: Prof. S.K.Pal , MM; Ph: 0661-2462210; Email: skpal@nitrkl.ac.in

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

sd/-
REGISTRAR



**NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA-769008,
ODISHA**

(TENDER NOTICE NO: NITR/PW/CR/2018/20 dated 13/04/2018)

Purchase of Laboratory Fume Hood and Accessories

Sl. No.	Description of Goods/Service	Quantity
1	Laboratory Fume Hood(As per the Detailed specification mentioned in Annexure – I)	01
2	Sample Preparation Work Bench (Island type) (Detailed specification as per attached Annexure – I)	01
3	Corrosion Resistance Cabinet	04

- 1. Quantity required** : As mentioned above (All information provided in technical specification in Annexure I)
 - 2. Delivery** : Within **60 days** from the date of purchase order
 - 3. Last Date of submission of Tender** : **07/05/2018 at 11:00 AM**
 - 4. Date of opening of technical and financial bid** : **08/05/2018 at 11:00 AM**
 - The firm should not have been black listed at any time.
 - The submission of following bids by the tenderer should be through <https://eprocure.gov.in/eprocure/app>
 - Please follow the guidelines as per the portal.
- Purchase of Laboratory Fume Hood and Accessories**
(Tender Notice No: **NITR/PW/CR/2018/20** dated **13/04/2018**) due on **07/05/2018 at 11:00 AM**
- Liquidated damage clause will be charged for any delay in supply of goods.
 - The validity of the tender shall be **90 days** from the date of opening of the bids.
 - Detailed advertisement including all tender documents is also available in our website at http://nitrtl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx .
 - NIT reserves the right to qualify or deny prequalification of any or all applicants without assigning any reasons.

SPECIFICATION FOR Laboratory FUME HOOD

BENCH TYPE FUME HOOD

- MS POWDER COATED
- Overall Dimensions L =1200mm,D=750mm,H=2250mm
- Design Structure - Aerodynamic, Bench Type Floor mounted
- Type of Air flow - By pass Constant Volume
- Materials of Construction - Powder coated durable with 1.5mm & 1.2mm gauge electro galvanized heavy-duty CRCA/GI
- Sheets with rigid structure.
- Airfoil - Aerodynamic, powder coated airfoil mounted on the worktop with 2 mm thick sheet.
- Worktop - Chemical resistant splash & spillage proof 'Jet Black Granite' worktop.
- Sink arrangement - Worktop will have 150x75 oval type PP detachable sink for drainage.
- Sash (Shutter) - Counter balanced vertical rising safety glass sash (5 mm thick).
- Smooth and light sash operation.
- Clear openable height = 700 mm
- Utility Services - Remotely operated colour coded service fitting for 1No. water and 1 no.
- Gas valve Brass forged with ISO color code. 1 Water & 1 LPG on Left Hand Side.
- Lighting - 2' feet tube light
- Electrical utility - 2 Nos. 5/15 amp electric Point need to be provided on the right side of the fume hood with tube light switch,
- Push button starter, electrical DB box will fix on the top of the fume hood with all internal connection.

Storage base cabinet - Overall Dimensions

- L=1200mm,W=520mm,H=900mm.Base cabinet need to be ready to receive the fume hood.
- CENTRIFUGAL BLOWER FOR FUME HOODS
- The blower casing is made of PP/FRP & the impeller is made of PP with forward curved Radial Molded Blades.
- All impellers are dynamically balanced.
- The capacity of the blowers approx. 1000 CFM, the impeller is fixed 1 HP 3 phase 1440 RPM Motor
- 200mm-diameter PVC pipe is provided for the ducting.
- Suitable Ducting

Accessories

1. Sample Preparation Work Bench (Island type)
 - Overall Dimensions L =2400 mm, D=1500 mm, H=1000 mm
 - Bottom Cabinets are made up of G.I. Sheets & frame structures are made up of 50 mm x 25 mm M.S.
 - Corrosion resistance Granite Top
 - Chemical Rack at the Top
2. Corrosion Resistance Cabinet
