



# भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD

DHANBAD, JHARKHAND, INDIA, PIN-826004

(An Institute of National Importance under Ministry of H.R.D., Govt. of India)

STORES & PURCHASE SECTION Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. AChem-500302-2017-18

Date: October 26, 2017

## NOTICE INVITING TENDER

### **Subject: Supply & Installation of Immerssion Cooler with accessories**

Indian Institute of Technology (Indian School of Mines), Dhanbad invites quotations for the following to be supplied and delivered in Applied Chemistry Department.

S No	Full Description of items/ store	Qty	Delivery
1	Supply & Installation of Immerssion Cooler with accessories (Detailed Specification is given in Annexure – I)	01 No	At the Earliest

### **Tender Schedule**

Particulars	Date & Time
Bid Security or Earnest money deposit	Rs 10,000.00 (Ten Thousand Only)
Last date and time for submission of tenders	21.11.2017 at 1:00 P.M.
Date and time of opening of tenders	21.11.2017 at 4:00 P.M.

1. You are requested to quote your lowest rates for the supply of above items in the attached format for Financial Bid (Annexure – II)
2. You may send your representative in the office of the undersigned at the scheduled date and time of opening of tender.
3. Tender should be submitted in sealed cover only super scribed with Enquiry No. and due date at the following address only:

*The Deputy Registrar (P&S)*  
*Indian Institute of Technology (Indian School of Mines),*  
*Dhanbad – 826 004 Jharkhand*



# भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD

DHANBAD, JHARKHAND, INDIA, PIN-826004

(An Institute of National Importance under Ministry of H.R.D., Govt. of India)

STORES & PURCHASE SECTION Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. AChem-500302-2017-18

Date: October 26, 2017

## Terms & Conditions

- 1) The rates should be quoted for each item separately.
- 2) Conditional offer will not be accepted.
- 3) IIT (ISM) does not issue any Form 'C' or 'D' towards sales tax concessional rate. Hence, full rate of GST applicable should be quoted.
- 4) **Bid Security or Earnest money deposit (EMD):** should be submitted in form of A/c payee demand draft drawn in favor of Registrar, IIT (ISM) Dhanbad and payable at any other bank/branch located in Dhanbad.
- 5) **Educational discount**, if any, should be clearly mentioned.
- 6) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 7) Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- 8) Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **24 months**.
- 9) *Each page in the bid document must be numbered properly and duly signed & sealed by the bidder on every page of the bid.*
- 10) **Performance Bank Guarantee:** Performance Security/Performance Bank Guarantee: Performance Security has to be submitted from the successful bidder. Performance Security should be 10% of the ordered value. Performance Security may be furnished in the form of Bank Guarantee/Demand Draft from any Nationalized Bank only and. Performance security should remain valid for a period of two months beyond the date of completion of all contractual obligations of the successful bidder(s). No interest will be payable by IIT (ISM) Dhanbad on the Performance Security deposited. In case the contractor fails to provide satisfactory service, the Performance Security submitted by the bidder(s) is liable to be forfeited. An undertaking to this is to be submitted
- 11) The items/ materials shall be required to be delivered at AChem Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad at the risk and cost of the tenderer.
- 12) Unloading and installation shall be the complete responsibility of the supplier.
- 13) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 14) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 15) **Advance payment is not admissible.** Payment shall normally be made within 3-4 weeks subject to receipt and acceptance & installation (as per Purchase Order Terms) of the ordered materials/items.
- 16) In the event date on which the tender is opened for acceptance is declared to be a holiday, the tenders shall be deemed to remain open for acceptance till the next working day.
- 17) Please send your offer by Regd.Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM) working hours only (i.e. Monday to Friday). *Late or delayed tenders shall be summarily rejected.*
- 18) Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
- 19) IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

*[Signature]*  
26/10/17  
Assistant Registrar



# भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD

DHANBAD, JHARKHAND, INDIA, PIN-826004

(An Institute of National Importance under Ministry of H.R.D., Govt. of India)

STORES & PURCHASE SECTION Phone (0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. AChem-500302-2017-18

Date: October 26, 2017

## Annexure-I: Specification for Immersion Cooler with Accessories

Basic System	Temperature controlled Reaction set up. System should be compact design with integrated temperature control and display
Working Temp Range	- 90 °C to + 30 °C (minus 90 °C to plus 30 °C )
Temperature Stability	±1 °C with constant temperature control at a programmed temperature within (- 90 °C to + 30 °C)
Cooling Rate	Rapid cooling of liquids down to low temperatures (attain - 78 °C within 45 min or less in Ethanol)
Keypad	Splash proof
Main Power Switch	Water Protected
Display	LED with Resolution of 0.1 °C
Sensor	PT100 stainless steel Temperature Sensor of 20 cm Length
Connection Probe	160 cm or more for easy operation even keeping the unit on the floor.
Immersion Probe	Diameter: 14 cm; Height: 5.6 cm or better configuration for easy accommodation of small reaction vessels.
Castor	At least with four lockable wheels for easy movement.
Cooling Power	300 Watt at + 20 °C; 230 Watt at -40°C; 130 Watt at -70°C Or better cooling power
Cooling of Compressor	Air
Refrigerant	R23, R404A
Safety Classification	IP21 (IP21: Protection against dripping water)
Faults	Acoustic and visible alarm signal
Auto start	adjustable
Calibration Facility	Inbuilt
Weight	Not more than 50 Kg (so that easily move)
Dimension (W x L x H)	38 X 55 X 60 cm or smaller size
Power Requirement	230VAC +/- 10% , 50Hz-60 Hz – 5Amp
Reaction Vessel	Vacuum insulated SS Vessel with Nylon lid to set up reaction with up to 500 mL or bigger RB.
Warranty	2 years



# भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD

DHANBAD, JHARKHAND, INDIA, PIN-826004

(An Institute of National Importance under Ministry of H.R.D., Govt. of India)

STORES & PURCHASE SECTION Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. AChem-500302-2017-18

Date: October 26, 2017

Annexure - II

## Format for Financial Bid

NIT No.: AChem-500302-2017-18

Date:

Bidders Ref: No.

Date:

GSTIN No.:

**Subject: Supply & Installation of Immerssion Cooler with accessories**

Sl. No.	Full Description of Items with (HSN Code/SAC Code)	Qty.	Rate	Amount
			Packing & Forwarding (if any)	
			<b>Total</b>	
			GST	
			Freight (if any)	
			Installation (if any)	
Amount should be in figure as well as word			<b>Grand Total</b>	

### Note:

- 1) All the details must be provided as per prescribed format only
- 2) Prices quoted by the bidders should include GST, HSN Code, SAC Code, duties, livies, transportation cost and insurance costs etc. if any
- 3) All the rates must be quoted in Indian Rupees.

26/10/17