



# भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्त्व 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@ismdhanbad.ac.in || Website : www.iitism.ac.in

No. App Chem-500144-17-18

Date: July 11, 2017

## NOTICE INVITING TENDER

### **Subject: Supply & Installation of Tubular Furnace.**

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	<p><b>Supply &amp; Installation of Tubular Furnace</b></p> <p><u>Specifications:</u></p> <ol style="list-style-type: none"> <li>1 Maximum temperature of furnace: 1200<sup>0</sup>C</li> <li>2 Operating temperature of furnace: Up to 1100<sup>0</sup>C</li> <li>3 Temperature accuracy: <math>\pm 1^{\circ}</math>C</li> <li>4 Process Tube: Alumina/quartz compatible with quoted furnace.</li> <li>5 Tube outer diameter: 80mm</li> <li>6 Tube inner diameter: 75mm</li> <li>7 Tube hot zone length: 300 mm</li> <li>8 Time to reach maximum temperature: 140 mins or lesser</li> <li>9 Thermocouple type: K type</li> <li>10 Body construction: Double shell with fan cooling</li> <li>11 Surface temperature at maximum temperature: 40<sup>0</sup>C</li> <li>12 Temperature controller: Digital PID temperature programmer and controller for precise control of heating rate and soak time.</li> <li>13 Insulation type: High quality insulation with ceramic fiber plates.</li> <li>14 Provision for gas purging: At both ends stainless</li> </ol>	01 No.	At the Earliest /Ex-Stock



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	<p>steel/aluminum flanges with connecting ports for gas inlet/outlet arrangements should be provided.</p> <p>15 Gas flow monitoring arrangement (Rotameter) with a 2 gas entry ports (Ar, N2).</p> <p>16 Warranty: The complete instrument and accessories excluding consumables should be under warranty for period of 02 (two) years from the date of installation.</p> <p>17 Parties must mention make &amp; model no. of the equipment offered by them, with detailed</p> <p>18 Specification (on separate sheet). Otherwise their tender will not be accepted.</p> <p>19 The vender should be ISO 9001 and 9008 certified along with CE registration done.</p> <p>20 Complete user list of model quoted with contact details such as Email &amp; mobile numbers and with the name of the end user should be enclosed with quotation.</p> <p>21 Vendor must have supplied in earlier instances minimum three working models either at IISc or IITs or NITs, state &amp; central Universities or reputed government laboratories.</p>		
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## Tender Schedule

Particulars	Date & Time
Last date and time for submission of tenders	<b>31.07.2017 at 3:00 P.M.</b>
Date and time of opening of tenders	<b>31.07.2017 at 4.00 P.M.</b>

## Terms & Conditions

- Interested firm(s)/bidder(s) are requested to quote their lowest rates for the supply of above items in the attached format for Financial Bid (Annexure – I)
- Clarification(s) sought after the prescribed date shall not be entertained.
- The firm(s)/bidder(s) may send their representative in the office of the undersigned at the scheduled date and time of opening of tender. The representative must carry an Authorization Letter along with proper Identity Proof and Photograph.



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4. Tender must 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*

5. The rates should be quoted for each item separately.
6. Conditional offer will not be accepted.
7. IIT (ISM) does not issue any Form 'C' or 'D' towards sales tax concessional rate. Hence, full rate of sales tax/VAT applicable should be quoted.
8. **Educational discount**, if any, should be clearly mentioned.
9. The firm(s)/bidder(s) are requested to submit their quotation strictly as per the specifications mentioned in the NIT.
10. The bid/quotation must be valid for **minimum 90 days** from the date of opening of tender.
11. Please mention warranty/guarantee in the offer clearly. Material/equipment to be supplied must have minimum warranty/guarantee of **12 months**.
12. *Each page in the bid document must be numbered properly* and duly signed & sealed by the bidder.
13. **The items/materials shall be required to be delivered at Applied Chemistry Department/ Section through Purchase & Store Section, IIT (ISM), Dhanbad** at the risk and cost of the tenderer.
14. Unloading and installation shall be the complete responsibility of the supplier.
15. The stores are required to be delivered within 30 days from the date of Purchase Order. Late delivery may not be accepted.
16. The items offered should be of good quality confirming to BIS standards, wherever applicable.
17. **Advance payment is not admissible**. Payment shall normally be made within 3-4 weeks subject to receipt, acceptance & satisfactory installation (as per Purchase Order Terms) of the ordered materials/items.
18. 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.
19. Please send your offer by Regd. Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM), Dhanbad working hours only (i.e. Monday to Friday). *Late or delayed tenders shall be summarily rejected.*
20. Any other information that you may like to obtain, you are free to contact IIT (ISM), Dhanbad before submission of tender.
21. IIT (ISM), Dhanbad reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Assistant Registrar



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## Annexure - I

### Format for Financial Bid

NIT No.: App Chem-500144-2017-18

Dated: 11.07.2017

Bidders Ref: No.

Dated:

**Subject: Supply & Installation of Tubular Furnace.**

Sl. No.	Full Description of Items	Qty.	Rate	Amount
			Packing & Forwarding (if any)	
			<b>Total</b>	
			Tax (if any)	
			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 all local taxes, VAT, service tax, duties, levies, transportation cost and insurance costs etc. if any
- 3) All the rates must be quoted in Indian Rupees.