



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. PE-INS-091-18-19

Date: 10 July 2018

NOTICE INVITING TENDER

Subject: Supply & Installation of Pour Point and Cloud Point Determining Apparatus

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

S No	Full Description of items/ store	Qty	Delivery
1	Supply & Installation of Pour Point and Cloud Point Determining Apparatus (Detailed Specification is given in Annexure – I)	01 No.	At the Earliest /Ex-Stock

Tender Schedule

Particulars	Date & Time
Last date and time for submission of tenders	31.07.2018 at 1:00 P.M.
Date and time of opening of tenders	31.07.2018 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 superscribed 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



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Annexure – I

Technical Specifications for Supply and Installation of Pour Point and Cloud Point Determining Apparatus

Technical Specification Supply and Installation of Pour Point and Cloud Point Determining Apparatus:

Product details:

Testing equipment as per ASTM D97(Pour) and ASTM D 2500 (Cloud)

Test positions :5 per

Temperature range:50°C to -40°C

Temperature control accuracy: $\pm 2^\circ\text{C}$

Display resolution : 0.1°C

Control Readout for Actual and Set point

Digital Microprocessor based PID, temperature indicator cum controller

Temperature sensor Pt 100 (RTD)- 3 wire, Class A.

Stirrer to maintain temperature uniformity

CFC free Single stage refrigeration system for cooling up to -40°C

Immersion heater for heating

Deviation alarms for High or Low temperatures with visual indications

Inner tank of Stainless steel 304 grade dully polished

Outer made of Mild steel CRCA sheet with powder coating

Hermetically sealed compressor

Fin and tube air cooled condensor

Insulation with High density PUF – Poly Urethane Foam

Wheels for easy moving with front locking facility

Accessories like Copper Jacket, Test jars, Disc, Gasket, Cork for each test Positions of each tank, Pour Point Thermometer (SO 3016 or IP 15) and Cloud Point Thermometer.

Power supply - Single Phase – 230VAC, 50Hz

Other Details:

- Temperature should be controlled by digital thermo regulator fitted with a probe PT100 A. Automatic de-frosting device under the cover, earth leakage circuit breaker, independent compressors CFC free refrigerant.
- The terms and conditions are applicable as per IIT (ISM) purchase rule.
- Please provide the Catalogue and



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Date: 10 July 2018

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 sales tax/VAT, GST applicable should be quoted.
- 4) **Educational discount**, if any, should be clearly mentioned.
- 5) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 6) Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- 7) Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **12 Months**.
- 8) Each page in the bid document must be numbered properly and duly signed & sealed by the bidder on every page of the bid.
- 9) **The items/ materials shall be required to be delivered at Petroleum Engineering Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad at the risk and cost of the tenderer.**
- 10) Unloading and installation shall be the complete responsibility of the supplier.
- 11) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 12) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 13) **Advance payment is not admissible.** Payment shall normally be made within 4-6 weeks subject to receipt and acceptance & installation (as per Purchase Order Terms) of the ordered materials/items.
- 14) 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.
- 15) 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.*
- 16) Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
- 17) IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Deputy Registrar



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Annexure - II

Format for Financial Bid

NIT No.: PE-INS-091-18-19

Date: 10 July 2018

Bidders Ref. No.:

Date:

GSTIN:

Subject: Supply & Installation of Pour Point and Cloud Point Determining Apparatus

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

Note:

- 1) Price basis must be FOR IIT(ISM) Dhanbad only.
- 2) All the details must be provided as per prescribed format only.
- 3) Prices quoted by the bidders should include all local taxes, VAT, service tax, GST, HSN Code, SAC Code, livies, transportation cost and insurance costs etc. if any
- 4) All the rates must be quoted in Indian Rupees.