



# 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.: ECE-INS-078-18-19

Date: 28.06.2018

## NOTICE INVITING TENDER

### Subject: Supply and installation of Pressure measurement and control setup

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

S. No	Full Description of items/ store	Qty	Delivery
1	<b>Supply &amp; Installation of Pressure measurement and control setup</b> (Detailed Specification is given in Annexure – I )	1	At the Earliest

### Tender Schedule

Particulars	Date & Time
<b>Bid Security or Earnest money deposit</b>	<b>Rs. 9000.00</b>
Last date and time for submission of tenders	<b>23.07.2018 at 1:00 P.M.</b>
Date and time of opening of tenders	<b>23.07.2018 at 3.00 P.M.</b>

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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## 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.
- 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) The successful bidder has to submit performance bank guarantee @10% of total order value within one week from the date of purchase order as per rule.
- 6) ***Educational discount***, if any, should be clearly mentioned.
- 7) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 8) Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- 9) Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **12 months**.
- 10) *Each page in the bid document must be numbered properly* and duly signed & sealed by the bidder on every page of the bid.
- 11) **The items/ materials shall be required to be delivered at ECE 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) IIT(ISM), Dhanbad is entitled for Excise Duty Exemption under Govt. of India notifications and is registered with DSIR, Govt. of India for this purpose. This may be taken into consideration while quoting minimum possible rate. Exemption Certificates can be issued in favour of manufacturers only, if it is mentioned in the bid. It will not be issued any Indian Agent/dealer or distributor at any circumstances. IIT(ISM) will provide only custom duty exemption certificate for availing concessional custom duty. IIT(ISM) will not pay any extra custom duty other than duty exemption certificate.
- 14) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 15) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 16) ***Advance or part payment is not admissible***. Payment shall normally be made within 4-6 weeks subject to receipt and acceptance & installation of the ordered materials/items and submission of bills, PBG, followed by its verification etc. (as per Purchase Order Terms).
- 17) 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.
- 18) 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***.
- 19) 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 - I**

## **Technical Specifications:**

1. Pressure measurement and control set up along with microprocessor based control panel
2. Smart Pressure Transmitter with LCD display; Pressure Range : 0 – 50PSI, Output : 4 – 20 mA  
Power Supply: 24 V DC
3. Single loop PID Indicating Controller; Input: 4-20 mA, Output: 4-20 mA, Power supply: 85-265 Vac
4. Control Valve Glove type with diaphragm actuator and Pneumatic Positioner, Air regulator suitable for 1” line.
5. I/P converter with gauges input : 4-20 mA, Output : 0.2 to 1 Kg/cm<sup>2</sup> Air Supply : 20 PSI
6. Pressure Switch
7. Pressure Gauge (Standard make and model)
8. Wall mounting type Panel painted & wired for mounting of Controller, Signal distributor, 24VDC power supply unit, 24VAC power supply unit, Switches with structural support for Panel etc.
9. MS Structural like, Angle, Flat, Fastner, Cable, Junction box, Flexible conduit, Fittings, isolation valves, GI pipe, fittings Pump,
10. Air compressor (Hitachi Compressor)
11. Air filter Regulator
12. PC and its INTERFACE: Computer (Acer or HP or DELL), RS-232 standard PC interface & Cable
13. Installation & Commissioning with Lab view software (Institute license to be installed during installation)
14. Provision for installing new pressure sensors.



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## Annexure - II

### Format for Financial Bid

NIT No.: ECE-INS-078-18-19

Date:

Bidders Ref: No.

Date:

GSTIN No.:

**Subject: Supply & Installation of Pressure measurement and control setup**

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.