



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.: Mech/500421/17-18

Date: 12.01.2018

NOTICE INVITING TENDER

Subject: Supply and installation of 2 Channel Hot Wire Anemometer

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

S. No	Full Description of items/ store	Qty	Delivery
1	Supply & Installation of 2 Channel Hot Wire Anemometer (<u>Specification :-</u>) a) constant temp hotwire anemometer b) Mean Value unit c) signal conditioner d) power supply e) 84T 3U card frame f) 84T 6U Rack g) single wire probe with BNC output with wire h) 'X' wire probe with BNC output i) wires + Accessories (Detailed Specification is given in Annexure – I)	2 1 2 2 2 1 10 3	At the Earliest

Tender Schedule

Particulars	Date & Time
Bid Security or Earnest money deposit	Rs. 8000.00
Last date and time for submission of tenders	05.02.2018 at 1:00 P.M.
Date and time of opening of tenders	05.02.2018 at 3.00 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



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.: Mech/500421/17-18

Date: 12.01.2018

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 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) Successful bidder has to submit performance bank guarantee as per norms.
- 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) 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 of the ordered materials/items and submission of bills, PBG etc. (as per Purchase Order Terms).
- 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.

Deputy 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.: Mech/500421/17-18

Date: 12.01.2018

Annexure - I

Technical Specifications:

Hotwire specification

HWCTA output: DC + Fluctuation (mean)

AC coupled fluctuation

Sensor input type: Single probe with BNC connector

Voltage gain (AT 500Hz):- 1:2

Output range (maximum):- +10V

Operating temperature Range: - 0C to +50C

Power supply: +/-12V (AC)

Power supply connector: - MC8 connector

Signal Conditioner specification:

The unit consist of

Low pass filter output 4Nos. (Range 1 KHz to 20 KHz)

High pass filter output 4Nos. (Range 0.1Hz to 100Hz)

Amplified signal output 4 Nos. (1-100)

Operating temperature Range: - 0C to +50C

Power supply: +/-12V (AC)

Power supply connector: - MC8 connector

Mean value & RMS Unit:

Powerful Microcontroller based system.

Fast acting 12 bit ADC

Sample Rate- 01 to 99 sec. (100samples/sec) (All at a time)

2 line displays, 4 keypad for setting as well as display control.

Channel selection up to 6 channels.

RS 232 for direct connection to PC for watching the online data.

USB Driver slot for storing the data (Pen drive).

Online software (RS 232 LINK) and Flash Read Software.

Operating temperature Range: - 0C to +50C

Power supply: +/-12V (AC)

Power supply connector: - MC8 connector

Power supply unit:

Power supply 230v AC mains

Output DC +12 volts and -12 volts \leq 1.5Amps

Output Power supply connector: - MC8 connector (3Nos)



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.: Mech/500421/17-18

Date: 12.01.2018

Annexure - II

Format for Financial Bid

NIT No.: Mech/500421/17-18

Date:

Bidders Ref: No.

Date:

GSTIN No.:

Subject: Supply & Installation of 2 Channel Hot Wire Anemometer

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

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.