



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. EE-PRJ-039-18-19

Date: 22 May 2018

NOTICE INVITING TENDER

Subject: Supply & Installation of Digital Storage Oscilloscope

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

S No	Full Description of items/ store	Qty	Delivery
1	Supply & Installation of Digital Storage Oscilloscope 200 MHz 4 Analog Channel with standard accessories	01 No.	At the Earliest

Tender Schedule

Particulars	Date & Time
Last date and time for submission of tenders	12.06.2018 at 1:00 P.M.
Date and time of opening of tenders	12.06.2018 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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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) **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 **05 Years**.
- 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 EE 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 3-4 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-I

Technical Specification of Oscilloscope Specification

1	Bandwidth	200 megaHertz
2	Operating System	Non -Windows
3	Number of Analog Channels	4
4	Sampling Rate Per Analog Channel Simultaneously	1 GS/sec
5	Record Length Per Analog Channel Simultaneously	1M points
6	Type of input channels	Analog
7	Minimum Display Size	8.5 inch
8	Display Typecolour	TFT
9	Time Base Accuracy	25 parts per million
10	Vertical Sensitivity	1mV/Div to 5 V/Div
11	Vertical Resolution	8 bit
12	In-built Frequency Counter	yes
13	Time Base Range	2 ns/div to 50 s/div
14	Time Base Accuracy	25 parts per million
15	Minimum Detectable Pulse Width	5 nanosecond
16	Segmented Memory Feature Availability	yes
17	Waveform Update Rate (Waveform/sec)	100000
18	Coupling	AC,DC,GND
19	Trigger Types	Edge, pulse width,video,External,run, pattern,burst
20	Measurements	Math function-Add, subtract, multiply, divide, Automatic Measurements of Amplitude and time, FFT (phase), low-pass filter, Time & Voltage cursors, FFT (magnitude)
21	Acquisition Modes	Normal, Peak Detect, Averaging, High Resolution
22	I/O Interface	USB
23	Power Source	230 V AC
24	Minimum Operating Temperature	0 degree Celsius
25	Maximum Operating Temperature	55 degree Celsius
26	Operating Humidity (RH)	80 percent
27	Standard Accessories to be supplied	Four nos. of 300MHz passive probe, 10:1, Power Chord, Certificate of Calibration, Documentation CD
28	Warranty	5 year



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Annexure - II

Format for Financial Bid

NIT No.: EE-PRJ-039-18-19

Date: 22 May 2018

Bidders Ref: No.

Date:

GSTIN No.:

Subject: Supply & Installation of Digital Storage Oscilloscope

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) 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.