



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. MME/INS/227/2018-19

Date: 14 September 2018

NOTICE INVITING TENDER

Subject: Supply & Installation of Magnetic Particle Crack Detector

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

S No	Full Description of items/ store	Qty	Delivery
1	Supply & Installation of Magnetic Particle Crack Detector (Detailed Specification is given in Annexure – I)	01 No.	At the Earliest /Ex-Stock

Tender Schedule

Particulars	Date & Time
Bid Security or Earnest Money Deposit	Rs. 10,000.00 (Ten Thousand Only)
Last date and time for submission of tenders	12.10.2018 at 1:00 P.M.
Date and time of opening of tenders	12.10.2018 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 sales tax/VAT, GST applicable should be quoted.
- 4) Since IIT(ISM) Dhanbad is an Indian Institute of Technology and subject item will be used for research, hence benefit of reduced rate of GST should be considered if applicable.
- 5) **Educational discount**, if any, should be clearly mentioned.
- 6) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 7) Earnest Money Deposit (EMD) : Should be submitted in form of A/C payee demand draft drawn in favor of Registrar, IIT(ISM) and payable at SBI, IIT (ISM) campus branch or any other Bank/ Branch located in Dhanbad.
- 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 MME 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) Successful bidders will have to submit Performance Security (PBG) in the form of Bank Guarantee as per the Purchase Order before releasing payment.
- 16) **Advance payment is not admissible.** Payment shall normally be made within 30-45 days subject to receipt and acceptance & installation of the ordered materials/items PBG and other documents.
- 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 sealed 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) Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
- 20) IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Assistant Registrar



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Annexure – I

TECHNICAL SPECIFICATION OF MAGNETIC PARTICLE CRACK DETECTOR

Sl.no.	Specification
1.	MAGNETIC PARTICLE INSPECTION MACHINE WITH AC/HWDC 2500Amps OUT-PUT + 7.5 KAT COIL TYPE. COIL DIA. 300mm. (PLC CONTROLLED.)
2.	MACHINE CAPACITY 3000 AMPS FOR CIR MAG / HEAD SHOT MACHINE CAPACITY 7.5 KAT FOR COIL. / LONGT MAG. MACHINE FRAME SIZE 1800mm X 800mm X 2250mm.
3.	CIRCULATION SYSTEM FOR MAGNETIC BATH S. S. TRAY, ELEC. PUMP, TANK ASSY FOR 30 Liters. TWO PUMP SYSTEM. 1ST FOR AGITATION, 2ND FOR AUTO SHOWER.
4.	HORIZONTAL JOB CLAMPING BY PNEUMATIC FACILITY: UPTO 1000mm & Weight UPTO 20Kg. (Pneumatic cylinder FESTO make.)
5.	Digital meter for CIR MAG & LONGT MAG, with Field Failure Indication System. (POKA YOKE SYSTEM)
6.	PLC OPERATIONS AS FOLLOWS - 1 SET. 1. JOB LOADING MANUALLY ON FIXTURE. 2. CLAMPING OF JOB (COPPER BAR WITH GEARS) AUTO. 3. SHOWER AUTO TO WET COMPONENT. 4. MAGNETIZATION ON BOTH CIRCULAR & LONGT. 5. JOB ROTATION ON FIXTURE FOR INSPECTION.
7.	U. V. TUBE LIGHT ASSY- 1 SET.
8.	DEMAG FACILITY. INBUILT DEMAGNTIZATION SYSTEM. (PLC CONTROLLED) - 1 SET.
9.	Accessories RFI (RESIDUAL FIELD INDICATOR). CENTRIFUGAL GLASS TUBE WITH STAND. POWDER 100gms.
10.	It should follow the ASTM Standards



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Annexure - II

Format for Financial Bid

NIT No.: MME/INS/227/2018-19

Date: 14 September 2018

Bidders Ref. No.:

Date:

GSTIN:

Subject: Supply & Installation of Magnetic Particle Crack Detector

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