



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/500319/17-18

Date: November 16, 2017

NOTICE INVITING TENDER

Subject: Supply & Installation of Material Science & Geo-Technical Laboratory.

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

Tender Schedule

Particulars	Date & Time
Tender cost	Rs.500.00 (Rupees Five Hundred only)
Earnest money deposit (by way of an A/C payee demand draft and drawn in favor of Registrar, IIT(ISM) Dhanbad and payable at SBI, ISM campus branch or any other Bank/ Branch located in Dhanbad)	Rs 10,000.00 (Rupees Ten Thousand only)
Last date and time for submission of tenders	05.12.2017 at 3:00 P.M.
Date and time of opening of tenders	05.12.2017 at 4.00 P.M.

S No	Full Description of items/ store	Qty	Delivery
1	Supply & Installation of Material Science & Geo-Technical Laboratory <u>TECHNICAL DETAILS</u> 1. Core Drilling Machine Purpose: A core drilling machine is a machine with drill specifically designed to remove a cylinder rock specimens from the raw rocks. The material left inside the drill bit is referred to as the core. Specifications for this machine have been mentioned below: Specifications: <ul style="list-style-type: none"> Heavy duty pillar type frame with 1500 W or better Varying cutting feeds provided with water fed 	01 No.	At the Earliest /Ex-Stock



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	<p>swivel head which can be connected to suitable water supply</p> <ul style="list-style-type: none"> • Water collection provision at the base of the machine. • Core preparation from regular to irregular samples Core size: EX to 100 mm • Clamping arrangement to hold specimens with regular/irregular shapes • Two cutting speeds at no load 950/2100 RPM or better • Water tank of 5ltr capacity • The bidder should be capable of supplying spare parts of the supplied machine. • The authority will visit the bidder's work place to evaluate the quality control after sales back up facilities and expert availability before accepting the machine. <p>2. Core Cutting and Grinding Machine</p> <p>Purpose: A core cutting and grinding machine is used for cutting and grinding cylindrical rock specimens. Specifications for this machine have been mentioned below:</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Floor mounted type along with water pipe and 	01 No.	
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	<p>necessary valves for connecting to a water source</p> <ul style="list-style-type: none"> • Diamond impregnated cutter, grinder and sample holder • Feed arrangement for cutting and polishing • Cooling water arrangement • The bidder should be capable of supplying spare parts of the supplied machine. • The authority will visit the bidder's work place to evaluate the quality control after sales back up facilities and expert availability before accepting the machine. <p>3. Polishing and Lapping Machine</p> <p>Purpose: A Polishing and lapping machine is used for the final polishing of the rock specimen leading to a smooth surface free from notches. Specifications for this machine have been mentioned below:</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Sample holders to accommodate cores up to NX size or better • Continuous water feed arrangement during operation • Adapter arrangement to hold polishing cloth or 	01 No.	
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	<p>paste</p> <ul style="list-style-type: none"> • Single spindle or better • Swing in tap for continuous water supply during operation • 0.25 HP, Single phase (220V, 50 Hz) AC motor with 450/500 RPM or better • The bidder should be capable of supplying spare parts of the supplied machine. • The authority will visit the bidder's work place to evaluate the quality control after sales back up facilities and expert availability before accepting the machine. <p>4. Brazilian Test Apparatus</p> <p>Purpose: The Brazillian Test Apparatus uses Rock specimens of thickness to diameter ratio 1:2 for determination of indirect tensile strength. Specifications for this machine have been mentioned below:</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Loading frame fitted with automatic hydraulically operated loading jack with 200 kN capacity or better • Semi circular jaws for accommodating the disc shaped rock samples 	01 No.	
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	<ul style="list-style-type: none"> • Load gauge 0-200 kN x 1 kN capacity along with maximum load indicator or better • The bidder should be capable of supplying spare parts of the supplied machine. • The authority will visit the bidder's work place to evaluate the quality control after sales back up facilities and expert availability before accepting the machine. 		
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Terms & Conditions

1. Interested firm(s)/bidder(s) are requested to quote their lowest rates for the supply of above items in the attached format for Financial Bid (Annexure – I)
2. Clarification(s) sought after the prescribed date shall not be entertained.
3. The firm(s)/bidder(s) may send their representative in the office of the undersigned at the scheduled date and time of opening of tender. The representative must carry an Authorization Letter along with proper Identity Proof and Photograph.
4. Tender must be submitted in sealed cover only super scribed with Enquiry No. and due date at the following address only:
- 5.

The Deputy Registrar (P&S)

Indian Institute of Technology (Indian School of Mines),

Dhanbad – 826 004 Jharkhand

6. The rates should be quoted for each item separately.
7. Conditional offer will not be accepted.
8. IIT (ISM) does not issue any Form 'C' or 'D' towards sales tax concessional rate. Hence, full rate of sales tax/VAT applicable should be quoted.
9. **Educational discount**, if any, should be clearly mentioned.
10. The firm(s)/bidder(s) are requested to submit their quotation strictly as per the specifications mentioned in the NIT.
11. The bid/quotation must be valid for **minimum 90 days** from the date of opening of tender.
12. Please mention warranty/guarantee in the offer clearly. Material/equipment to be supplied must have minimum warranty/guarantee of **(01) One year Onsite Warranty**.
13. *Each page in the bid document must be numbered properly* and duly signed & sealed by the bidder.
12. **Performance Bank Guarantee (PBG)**: Successful bidder may have to submit a bank guarantee issued by a Nationalized Bank in India towards PBG for an amount equal to 10% of total value of purchase order as per



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rule and valid till the period beyond two months of completion of warranty period should be submitted in favour of **REGISTRAR, IIT (ISM) DHANBAD.**

1. **Delivery Period and Liquidated Damage:** The ordered materials/work complete in all respects are required to be delivered and installed within the period stipulated in the purchase order failing which liquidated damages of 1% per week for the delayed period subject to maximum of 5% of the total value of the order shall be deducted from the invoice of the supplier.
14. **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.
15. Unloading and installation shall be the complete responsibility of the supplier.
16. The stores are required to be delivered within 30 days from the date of Purchase Order. Late delivery may not be accepted.
17. The items offered should be of good quality confirming to BIS standards, wherever applicable.
18. **Advance payment is not admissible.** Payment shall normally be made within 3-4 weeks subject to receipt, acceptance & satisfactory installation (as per Purchase Order Terms) of the ordered materials/items.
19. 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.
20. Please send your offer by Regd. Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM), Dhanbad working hours only (i.e. Monday to Friday). *Late or delayed tenders shall be summarily rejected.*
21. Any other information that you may like to obtain, you are free to contact IIT (ISM), Dhanbad before submission of tender.
22. IIT (ISM), Dhanbad reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Deputy Registrar



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Annexure - I

Format for Financial Bid

NIT No.: MME/500319/17-18

Dated: 16.11.2017

Bidders Ref: No.

Dated:

Subject: Supply & Installation of Material Science & Geo-Technical Laboratory.

Sl. No.	Full Description of Items	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) All the details must be provided as per prescribed format only
- 2) Prices quoted by the bidders should include all local taxes, VAT, service tax, duties, levies, transportation cost and insurance costs etc. if any
- 3) All the rates must be quoted in Indian Rupees.