



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

NIT No. CE-INS-234-2018-19

Date: 15th October, 2018

NOTICE INVITING TENDER

Subject: Supply and Installation of Digital Point Load Test Apparatus.

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

Sl. No.	Description of Materials	Unit	Quantity
1.	Digital Point Load Test Apparatus: <ul style="list-style-type: none"> The apparatus is required for determining the point load strength index of rock cores and irregular lumps which can be tested without any treatment for a wide range of core sizes. The equipment should be as per Indian Standards (IS:8764) and supplied with all necessary apparatus/parts conforming to Indian Standards. The frame should have adequate adjustments to align perfectly the loading axis passing through the centre of the bearing plates and loading platens at position of the ram of the hydraulic jack Digital indicator with sensor 100 kN capacity with a least count of 0.01 kN Conical loading platens Loading frame fitted with hydraulic jack, hand operated capacity 100 kN The loading capacity of hydraulic jack should be of sufficient capacity to break the largest and strongest specimen to be tested There shall not be any play between the ram and the jack The ram shall have low friction seals. The friction between the ram and the jack shall be less than 50 N (5 kgf) The system is to be resistant to hydraulic shock and vibration so that accuracy of readings is not adversely affected by repeated testing. The distance between the top and the bottom bearing plates of this frame shall accommodate a hydraulic jack, two loading platens and 	Nos	02



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	<p>platen to platen clearance for testing of rock specimens in the range of 15 to 100 mm.</p> <ul style="list-style-type: none"> ○ The platens should be of hard materials such as tungsten carbide or hardened steel so that they remain undamaged during frequent testing. ○ The point load tester shall be portable. ○ Loading platens shall be conical with 60° angle and the radius of curvature of the cone truncation shall be 5 mm. The 60° cone and the 5 mm radius spherical truncation shall meet tangentially. ○ The tip portion of the platens to a height of up To 10 mm from the tip shall be of hard steel (high carbon-high chromium steel or tool steel). ○ The conical platen design is intended to give standardized penetration of softer specimens. When testing is confined to hard rocks and small (less than 2 mm) penetrations the conical design is unimportant provided that the tip radius remains at the standard 5 mm. ○ Total landed cost of the equipment should include 01 year warranty plus 04 year extended warranty <p style="text-align: center;"><u>General Requirements and Qualification Criteria</u></p> <ul style="list-style-type: none"> • Manufacturer should have comprehensive production facilities, after sales service facility & infrastructure, Accredited Calibration and Quality control Test Laboratory. Manufacturing Capacity & capabilities of the supplier and workmanship of the instrument shall be assessed by concerned official before finalizing the order. • The company should have NABL accredited service wing. • Manufacturing of the machine should be as per required testing standards/Tender specification within the specified tolerance limits. • Qualified Service Engineer and customer support Staff should be available in the local office in the nearest metropolitan city. They should impart necessary 3 days training to our personal for operation the Equipment supplied. • Authority may visit bidder's works/Users place to evaluate the quality Control, 		
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	<p>after sales backup facility, expert availability etc.</p> <ul style="list-style-type: none"> • Supplier should have capacity and experience of carrying out Annual Maintenance contract with the users of their M/C and proof of such documentation will be preferred. • Vendor must have supplied in earlier instances three working models either at IISc or IIT. The purchase order of the same must be produced. • Vender must supply original catalogue with Photo and Model number of equipment along with signature. The details also should be available in the website of the manufacturer. • Reference standards of the equipments should be mentioned/highlighted in original catalogue and in technical bid. • Supplier/manufacturer blacklisted by any Govt. Organization will not be considered. A declaration letter mentioning the same must be submitted. <p>Necessary Documents should be produced to support the above clauses</p>		
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Tender Schedule

Particulars	Date & Time
Tender Cost (Online Payment)	Rs. 590.00 (Rupees Five Hundred Ninety only) (Please refer Point No. 10 of Terms & Conditions)
Bid Security or Earnest Money Deposit	Rs. 10,000.00 (Rupees Ten Thousand only)
Last date and time for submission of tenders	06.11.2018 at 3:00 P.M.
Date and time of opening of tenders	06.11.2018 at 4.30 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 – I)
2. Clarification(s) sought after the prescribed date shall not be entertained.
3. You may send your representative in the office of the undersigned at the scheduled date and time of opening of tender.
4. 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) Dhanbad 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 **1 years + 04 year extended onsite warranty**.
- 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 CE Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad** at the risk and cost of the tenderer.
- 10) Venders must pay the Tender Cost through the Link <http://www.onlinesbi.com/prelogin/collecthome.htm?corpID=272342> . Cash receipt should be attached along with the bid submitted.
- 11) **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 Dhanbad.
- 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 (as per Purchase Order Terms) of the ordered materials/items.
- 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. IIT(ISM) Dhanbad may extend the date and time for submission opening of the bids.
- 17) 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.*
- 18) Successful bidders will have to submit Performance Bank Guarantee (PBG) as per the Purchase Order.
- 19) Any other information that you may like to obtain, you are free to contact IIT (ISM) Dhanbad before submission of tender.
- 20) IIT (ISM) Dhanbad reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Assistant Registrar



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Annexure - I

Format for Financial Bid

NIT No.: CE-INS-234-2018-19

Dated: 15.10.2018

Bidder's Reference No.

Dated:

GSTIN:

Subject: Supply and Installation of Digital Point Load Test Apparatus.

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) 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