



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-273-2018-19

Date: 23rd October, 2018

NOTICE INVITING TENDER

Subject: Supply and Installation of Oedometer Test Setup.

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.	Oedometer Test Setup Comprising of Three Gang Oedometer <ul style="list-style-type: none"> The equipment should be as per Indian Standards and supplied with all necessary apparatus/parts conforming to Indian Standards. Front loaded three gang bench model type in which three consolidometers are mounted on a single frame Number of Loading Units Mount on frame: 3 Nos. Fixed ring type consolidometer cell for testing specimens of 60 mm dia x 20 mm thick The unit should be so designed that specimens of varying sizes from 50 mm dia to 100 mm dia can also be tested Set of weights to give a total pressure of 10 kg/cm² (besides a seating load of 0.05 kg/cm² on the specimen) Consolidation cell assembly consists of the following: <ul style="list-style-type: none"> Fixed Ring with Guide Ring: 3 Nos. Top Porous stone: 3 Nos. Bottom Porous stone: 3 Nos. Perforated pressure Pad: 3 Nos. Channeled base with water inlet: 3 Nos. Gasket: 3 Nos. Flanged water Jacket: 3 Nos. 29 assorted weights: 7 x 0.05 kg/cm², 5 x 0.10 kg/cm², 6 x 0.20 kg/cm², 6 x 0.50 kg/cm² and 5 x 1.0 	Nos	01



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2.	<p>kg/cm²: Each 03 Nos.</p> <ul style="list-style-type: none"> ▪ Water Reservoir with plastic tube: 3 Nos. ▪ T-connection and a pinch cock: 3 Nos. ○ Dial Gauge, 5 mm travel, 0.002 mm least count: 3 Nos. ○ Floating ring type consolidometer cell assembly for testing specimens of 60 mm dia x 20 mm thick: 3 Nos. <p>Pneumatic Oedometer</p> <ul style="list-style-type: none"> ○ The apparatus should be as per Indian Standards and supplied with all necessary apparatus/parts conforming to Indian Standards. ○ Should be bench model, compact and easy to operate ○ Should have adjustable upper cross beam, ○ Pressure application - smooth and error free and should maintain the load regardless of sample compression ○ There should be No variation in applied pressure over a long duration ○ Should have Integral digital indicator ○ Capacity - 10 kg/cm² ○ Sample size - 60 mm dia x 20 mm thick ○ Pressure cell - 20 kg/cm² with Least count of 0.01 kg/cm² ○ LVDT - 0-10 mm with Least count of 0.001 mm ○ Consolidation indicator - 1 No. ○ Should have inbuilt display of Pressure and Displacement ○ Should have provision for testing samples of diameter varying from 50 to 100 mm. ○ Any accessories mandatory to operate the Pneumatic Oedometer apparatus, should be included and supplied. 	Nos	01
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General Requirements and Qualification Criteria:

- 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, after sales backup facility, expert availability etc.
- 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.

Necessary Documents should be produced to support the above clauses



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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	15.11.2018 at 3:00 P.M.
Date and time of opening of tenders	15.11.2018 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 – 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

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 year 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.



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- 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-273-2018-19

Dated: 23.10.2018

Bidder's Reference No.

Dated:

GSTIN:

Subject: Supply and Installation of Oedometer Test Setup.

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