



# 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-206-2018-19

Date: 21<sup>st</sup> August, 2018

## NOTICE INVITING TENDER

### **Subject: Supply and Installation of Dynamic Cone Penetration Test Setup with Automated Free Fall Hammer.**

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	Quantity
1.	<p><b>Dynamic Cone Penetration Test setup with Automatic Free Fall Hammer</b></p> <p>The apparatus should be as per Indian Standards and supplied with all necessary apparatus/parts conforming to Indian Standards.</p> <p>Ref. Standards IS:4968 (Part – 1)</p> <p><b>The Dynamic Cone Penetration Test setup consists of:</b></p> <p>Dynamic Cone plain 50 mm base dia and cone angle of 60°.</p> <p>Cone Adapter which fits on Cone, with standard threads for type 'A' drill rod coupling.</p> <p>Dynamic Cone threaded for type 'A' rod coupling, 60° cone angle, 50 mm base dia.</p> <p>Stand for keeping the rods vertical.</p> <p>Tripod with built-in ladder – 1 No.</p> <p>Drive Weight Steel 65 kg</p> <p>Bore 45 mm ID approx. 1No.</p> <p>Guide Pipe Assembly</p> <p>43 mm OD approx. 1No.</p> <p>'A' Type Drill Rods 1 mtr</p> <p>Manila Rope 19 mm dia 10m</p> <p><b>The Automatic Free Fall Hammer setup consists of the following parts:</b></p> <ul style="list-style-type: none"> <li>Anvil 01 No</li> <li>Front Wheel 01 No</li> <li>Hammer Guide Assembly 01 No</li> <li>Fall Hammer with a weight of 63.5 kg &amp; 1.5 kg for DCPT attached to a flexible rope and drum, operated manually 01 No</li> <li>Base assembly for the hammer system with suitable wheels for</li> </ul>	01



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	<p>moving about when attached to a wheel 01 No</p> <ul style="list-style-type: none"> <li>• Frame for SPT (<b>suitable separate frame should be there to amend the equipment compatible for conducting both the SPT and DCPT tests</b>). 01 No</li> <li>• Split spoon sampler without brass liner 01 No</li> <li>• Tripod with pulley and built-in ladder 01 No</li> <li>• 'A' drill rod, 1.0 m long with adapter 15 Nos</li> <li>• Dynamic cone threaded for Type 'A' rod coupling 01 No</li> </ul> <p><b>Note:</b> # Total landed cost of the equipment should include 01 year warranty plus 04 year extended warranty.</p> <p style="text-align: center;"><b><u>General Requirements and Qualification Criteria</u></b></p> <ul style="list-style-type: none"> <li>• Manufacturer should have comprehensive production facilities, after sales service facility &amp; infrastructure, Accredited Calibration and Quality control Test Laboratory. Manufacturing Capacity &amp; capabilities of the supplier and workmanship of the instrument shall be assessed by concerned official before finalizing the order.</li> <li>• The company should have NABL accredited service wing.</li> <li>• Manufacturing of the machine should be as per required testing standards/Tender specification within the specified tolerance limits.</li> <li>• Manufacturer should have mentioned their own technical specifications of the equipment. Copy and paste the technical specifications from the indenter side will not be accepted.</li> <li>• 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.</li> <li>• Authority may visit bidder's works/Users place to evaluate the quality Control, after sales backup facility, expert availability etc.</li> <li>• 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.</li> <li>• Vendor must have supplied in earlier instances three working models either at IISc or IIT. The purchase order of the same must be produced.</li> <li>• Vender must supply original catalogue with Photo and Model number of equipment</li> </ul>	
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	<p>along with signature. The details also should be available in the website of the manufacturer.</p> <ul style="list-style-type: none"> <li>Reference standards of the equipments should be mentioned/highlighted in original catalogue and in technical bid.</li> <li>Supplier/manufacturer blacklisted by any Govt. Organization will not be considered. A declaration letter mentioning the same must be submitted.</li> </ul> <p>Necessary Documents should be produced to support the above clauses.</p>	
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## Tender Schedule

Particulars	Date & Time
Bid Security or Earnest Money Deposit	Rs. 6,000.00 (Rupees Six Thousand only)
Last date and time for submission of tenders	14.09.2018 at 3:00 P.M.
Date and time of opening of tenders	14.09.2018 at 4.00 P.M.

- You are requested to quote your lowest rates for the supply of above items in the attached format for Financial Bid (Annexure – I)
- Clarification(s) sought after the prescribed date shall not be entertained.
- You may send your representative in the office of the undersigned at the scheduled date and time of opening of tender.
- 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

- The rates should be quoted for each item separately.
- Conditional offer will not be accepted.
- 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.
- Educational discount**, if any, should be clearly mentioned.
- You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **1 years onsite warranty plus 4 year extended warranty**.
- Each page in the bid document must be numbered properly and duly signed & sealed by the bidder on every page of the bid.
- 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.**



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- 10) **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.
- 11) Unloading and installation shall be the complete responsibility of the supplier.
- 12) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 13) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 14) **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.
- 15) 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.
- 16) 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.*
- 17) Successful bidders will have to submit Performance Security (PBG) in the form of Bank Guarantee as per the Purchase Order before releasing payment
- 18) Any other information that you may like to obtain, you are free to contact IIT (ISM) Dhanbad before submission of tender.
- 19) 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-206-2018-19

Dated: 21.08.2018

Bidder's Reference No.

Dated:

GSTIN:

**Subject: Supply and Installation of Dynamic Cone Penetration Test setup with Automatic Free Fall Hammer.**

Sl. No.	Full Description of Items (With HSN Code/ SAC Code)	Qty.	Rate	Amount
			Packing & Forwarding (if any)	
			<b>Total</b>	
			GST(if any)	
			Freight (if any)	
			Installation (if any)	
Amount should be in figure as well as word			<b>Grand Total</b>	

### **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
- 3) All the rates must be quoted in Indian Rupees.