



**MAHATMA GANDHI GOVT. ENGINEERING COLLEGE KOTLA (JEORI)**  
**TEHSIL RAMPUR BUSHAHR, DISTT. SHIMLA,**  
**HIMACHAL PRADESH. PIN 172101** Telephones: +91-01782-292904-05,  
E-mail: [gecrampur@gmail.com](mailto:gecrampur@gmail.com), Website: [www.mgcec.ac.in](http://www.mgcec.ac.in)

### INVITATION FOR LIMITED TENDER

Tender No. : 447

Date : 20-12-2023

The Director-cum-Principal, Mahatma Gandhi Government Engineering College Kotla (Jeori), Rampur Bushahr, Distt. Shimla, Himachal Pradesh, PIN- 172101 invites sealed bids from eligible suppliers/distributors/authorized dealers for Machinery and Equipment's of Engineering Geology and Rock Mechanics Lab under Civil Engineering Department of this Institution as listed below:

Sr. No.	Name & Technical Specifications of the Items	Earnest Money Deposit (EMD)	Performance Security
1.	Attachment at Annexure - "B"	25,000/-	50,000/-

- The provisions in the instructions to suppliers and in the general conditions of contract are based on the provisions of the Standard Tendering Document - Procurement of Goods.
  - Price of bidding document : ₹ 1000.00 (₹ One Thousand Only) (non-refundable)
  - Last date and time for receipt of bids : January 16, 2024, 12:30 PM
  - Time and date of opening of bids : January 16, 2024, 03:00 PM
  - Place of opening of bids : O/O Director/Principal,  
Mahatma Gandhi Govt. Engg. College, Kotla (Jeori)  
Teh. Rampur Bushahr, Distt. Shimla,  
Himachal Pradesh. PIN - 172101
  - Address for Communication : O/O Director/Principal,  
Mahatma Gandhi Govt. Engg. College, Kotla (Jeori)  
Teh. Rampur Bushahr, Distt. Shimla,  
Himachal Pradesh. PIN - 172101
- All bids must be accompanied by a bid security as specified in the bid document and must be delivered to the above office at the date and time indicated above; failing which tender/bid will not be considered. The envelope must be superscribed on the top right-hand corner as "Limited Tender for Machinery and Equipments of Engineering Geology and Rock Mechanics Lab under Civil Engineering Department".

Sd/-

Director/Principal  
Mahatma Gandhi Govt.  
Engineering College Kotla(Jeori)

**LIMITED TENDER DOCUMENT  
FOR  
ENGINEERING GEOLOGY AND  
ROCK MECHANICS LAB**

**UNDER  
CIVIL ENGINEERING DEPARTMENT**

LAST DATE AND TIME FOR : January 16, 2024, upto 12:30 PM  
RECEIPT OF BIDS

TIME AND DATE OF OPENING : January 16, 2024, at 03:00 PM  
OF BIDS :

PLACE OF OPENING OF BIDS : O/O Director/Principal,  
Mahatma Gandhi Govt. Engg. College, Kotla (Jeori)  
Teh. Rampur Bushahr, Distt. Shimla,  
Himachal Pradesh. PIN - 172101

ADDRESS FOR COMMUNICATION: Director/Principal,  
Mahatma Gandhi Govt. Engg. College, Kotla (Jeori)  
Teh. Rampur Bushahr, Distt. Shimla,  
Himachal Pradesh. PIN - 172101



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Mahatma Gandhi Govt. Engg. College, Kotla (Jeori)  
Teh. Rampur Bushahr, Distt. Shimla,  
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  - Address for Communication : O/O Director/Principal,  
Mahatma Gandhi Govt. Engg. College, Kotla (Jeori)  
Teh. Rampur Bushahr, Distt. Shimla,  
Himachal Pradesh. PIN - 172101
- You must quote for all the items under this limited tender. Price quotations will be evaluated for all the items together and contract awarded to the firm offering the lowest evaluated total cost of all the items.
- Your quotation written in English language, should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information (in English language) for each item quoted, including names and addresses of firms providing after-sales service facilities in India.
- All bids must be accompanied by a bid security as specified in the bid document and must be delivered to the above office at the date and time indicated above; failing which tender/bid will not be considered. The envelope must be superscribed on the top right-hand corner as "Limited Tender for Machinery and Equipments of Engineering Geology and Rock Mechanics Lab under Civil Engineering Department".



5. Non-refundable tender fee as indicated above must be submitted alongwith offering tender in the form of a Demand Draft from any nationalized bank in favour of Director/Principal, Mahatma Gandhi Govt. Engg. CollegeKotla(Jeori), Rampur Bushahr, Distt. Shimla (H.P.) PIN- 172101, failing which tender/bid will not be considered.
6. The main cover **Scaled Envelope** (superscribed on the envelope on top right side corner as **"Limited Tender for Machinery and Equipments of Engineering Geology and Rock MechanicsLab under Civil Engineering Department"**) should contain General Information Form as per **Annexure A** and supporting documents: (i) Printed Brochure/Literature, (ii) The list and address of Service Centers (iii) PAN Number, (iv) GST Number Document, (v) Price of Bidding Document (₹ 1000.00) in the form of demand draft, (vi) Earnest Money, (vii) rate quoted for Machinery and Equipments of Engineering Geology and Rock MechanicsLab on prescribed format (**Annexure C**). The mode of the payment of earnest money should be in the **shape of demand Draft for a period of one year pledged in favour of Director/Principal, Mahatma GandhiGovt. Engg. College, Kotla (Jeori), Rampur Bushahr, Distt. Shimla (H.P.) PIN- 172101**. The single offer without complete documents mentioned above will be rejected and no correspondence in this regard will be sent to the bidder.
7. **The rates for the Machinery and Equipments of Engineering Geology and Rock Mechanics Lab are to be quoted as per attached Annexure C**. The bidders are also required to mention the taxes like GST, entry tax etc. clearly. It is important for all the suppliers/ manufactures to specify separately the type and the percentage of taxes. No discount (Educational/ or any ground) should be specified separately. If any supplier wishes to offer any kind of discount, it should be included in the unit price of the equipment/material/item. The suppliers will have to provide transportation of equipment's/material(s)/item(s) to the specified labswithin the bid cost. Rate quoted should include the all charges like transportation, installation including civil work,Lab Manuals, Wall charts, training, carriage to lab where equipment/material/item have to be installed or other type of charges (if any).
8. Tenders will be opened in the presence of suppliers or their representatives, who choose to attend on the specified date and time. Bids not having the relevant documents as listed above will be rejected out rightly. It will be presumed that such suppliers have just quoted the rates and are not in position to supply the same. No intimation in this regard will be sent to the supplier/ manufacturers. Further, Bids not having quoted rates for all items shall also be rejected.
9. In the event of the date specified for bid receipt and opening being declared as a closed holiday, the due date for submission of bids and opening of bids will be the following working day at the appointed times.
10. The Director/Principal reserves the right to cancel the tender without assigning any reason thereof.
11. The conditional tenders/ incomplete tender/ tender without earnest money/without tender cost or tenders received after due date will be summarily rejected. The discount should not be quoted separately. If any supplier wishes to offer any discount, he should include the same in the price of the item(s)/material(s)/machinery/equipment offered by him.
12. Authorized dealers of manufacturers can also apply for tender. Such bidders are required to submit the authorization certificate issued by the manufacturers.
13. The Director/Principal reserves the right to issue the supply order. The items can be dropped bases on circumstances like unrealistic rates/unjustified rates/availability of funds etc.
14. Earnest Money for the unsuccessful bidders shall be returned on finalization of tender process/award of tender to the successful bidder.

 25/12/23



## INSTRUCTIONS

### 1. Clarification of Bidding Documents

- 1.1 A prospective bidder requiring any clarification of the bidding documents may notify the purchaser in writing or by email at the purchaser mailing address indicated in the Invitation for Bids. The purchaser will respond in writing to any request for clarification of the bidding documents which it receives not later than 15 days prior to the deadline for submission of tenders prescribed by the purchaser. Written copies of the purchaser's response (including an explanation of query but without identifying the source of inquiry) will be sent to all prospective bidders which have received the bidding documents by main office of Mahatma Gandhi Govt. Engg. College Kotla (Jeori), Rampur Bushahr, Distt. Shimla (H.P.) or by the post.

### 2. Amendment of Bidding Documents:

- 2.1 At any time prior to the deadline for submission of bids, the purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment.
- 2.2 All prospective bidders who have received the bidding documents will be notified of the amendment in writing or by e-mail and will be binding on them.
- 2.3 In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the purchaser, at its discretion, may extend the deadline for the submission of bids.

### 3. Bid Prices

- 3.1 The bidder shall indicate on the price schedule the unit price and total bid prices of the goods it proposes to supply under the contract.
- 3.2 Prices of item(s)/material(s)/machinery and equipment are to be submitted as per the format and should include the price of item(s)/material(s)/machinery and equipments. **Besides this the supplier/manufacturers are also required to list out the various taxes (%age and amount) to be included in the price of the equipment.**
- 3.3 Bid shall be valid for a period of 90 days.

### 4. Late Bids

- 4.1 Any bid received by the purchaser after the deadline for submission of bids prescribed by the purchaser will be rejected and/or returned unopened to the supplier.

### 5. Modification and Withdrawal of Bids

- 5.1 No bid tender may be modified subsequent to the deadline for submission of tender.

### 6. Opening of Tender by the Purchaser

- 6.1 The purchaser will open all bids, in the presence of suppliers'/representatives who choose to be present at Mahatma Gandhi Govt. Engg. College Kotla (Jeori), Rampur Bushahr, Distt. Shimla (H.P.) **on 16/01/2024 at 03.00 PM.** The supplier's representatives, who are present on the date of opening of tender, will have to sign as an evidence of their attendance. In the event of the specified date of bid opening being declared a holiday for the purchaser, the bids shall be opened at the appointed time and location on the next working day.
- 6.2 The Suppliers' Names, tenders' modifications or withdrawals, tenders prices, and the presence or absence of requisite bid security and such other details as the Purchaser, at its discretion, may consider appropriate, will be announced on the respective dates and time of opening of the bids. The late bids shall be returned unopened to the bidder after completion of the process.





6.3 Tender not opened shall not be considered for evaluation, irrespective of the circumstances.

## 7. Transportation

7.1 The supplier is required under the contract to transport the item(s)/material(s)/machinery to the specified place of destination within institute and at the specified lab. The transportation to such place of destination at Mahatma Gandhi Govt. Engg. College Kotla (Jeori), Rampur Bushahr, Distt. Shimla (H.P.) PIN 172101 will include insurance and shall be arranged by the supplier and the related cost shall be included in the contract price. It will be sole responsibility of supplier to install the item/material/machinery at the specified place in the lab including civil work, failing which, no payment will be released. The supplier/manufacturers will also have to provide proper demonstration and training to the faculty, Lab Manuals and Wall Charts of all the major equipments.

## 8. Warranty

8.1 The warranty period shall be **24 months** from the date of acceptance of the Goods (after successful installation subsequent to inspection). No separate cost in this regard has to be quoted and warranty cost (if any) should be included in the item/material/equipment cost. The supplier shall, in addition, comply with the performance guarantees specified under the contract. If, for reasons attributable to the supplier, these guarantees are not attained in whole or in part, the supplier shall, make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the contract at its own cost and expense and to carry out further performance tests in accordance.

**Important:** In the event of any correction of defects or replacement of defective item/material/equipment during the warranty period, **the warranty for the corrected/replaced item/material/equipment shall be extended** to a further period of 24 months.

8.2 Rate quoted should be **F.O.R. at Mahatma Gandhi Govt. Engg. College Kotla(Jeori), Rampur Bushahr, Distt. Shimla, Himachal Pradesh. PIN 172101.**

## 9. Payment

9.1 The supplier's request(s) for payment shall be made to the purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the services performed, and by documents, submitted pursuant to Clause, and upon fulfillment of other obligations stipulated in the contract. The payment shall be released only after satisfactorily report from the technical committee constituted at institute level.

## 10. Taxes and Duties


10.1 Suppliers shall be entirely responsible for payment of all taxes, duties, license fees, Octroi, Road permits, etc., incurred until delivery and installation including civil works of the contracted goods to the purchaser.

## 11. Jurisdiction

11.1 All the legal dispute(s) will be settled within the civil court having jurisdiction over Rampur, Himachal Pradesh Only.

**12. Performance Security**

12.1 Within **07 (Seven)** days of receipt of the notification of contract award, the supplier shall furnish performance security to the purchaser for an amount of **50,000/- (Rs. Fifty Thousand Only)**. The performance security shall be denominated in Indian Rupees and shall be in form of **FDR for a period of three years (03 years) Pledged in the Name of Director/Principal, Mahatma Gandhi Govt. Engg. College Kotla(Jeori), Rampur Bushahr, Distt. Shimla (H.P.)**. After the date of completion of performance obligations including warranty obligations the performance security shall be returned to the purchaser after deduction as compensation for any loss resulting from the supplier's failure to complete its obligations under the contract, if any within 30 days.

  
20/12/23  
**Director/Principal**  
Mahatma Gandhi Govt. Engg. College  
Kotla (Jeori) Rampur.

## ANNEXURE-A General Information Form

1.	Date of Application	
2.	Name of the Firm	
3.	Address of the Firm	
4.	PAN Number	
	PAN Document	Attached as Page Numbers from _____ to _____ of Bid.
5.	TAN/TIN/GST Number	
	TAN/TIN/GST Number Document	Attached as Page Number _____ of Bid.
6.	Demand Draft No. (Tender Fee)	
	Name of Bank/Branch	
	Date of Issuing	
7.	EMD Attached	YES / NO (Tick on appropriate)
	Name of Bank & Branch	
	FDR No./DD No.	
	Date of Issuing (FDR/DD)	
8.	Original Catalogue/Printed Brochure/Literature	Attached as Page Numbers from _____ to _____ of Technical Bid.
9.	Service Centers	Attach list of service centre available near to the College

**Note:** - All the documents placed/attached shall be properly stamped with the seal of the firm and shall have the signature of the bidder/representative of the bidder.

(Signature with Name and Seal)



## ANNEXURE-B

### Technical Specifications

#### Name of Labs: Engineering Geology and Rock Mechanics Lab

Item No.	Name of Goods/Items	Technical Specifications of items	Accessories (if any)	Documents	Installation & Training	Warranty
1.	Rock Core Drilling Machine	<ul style="list-style-type: none"> <li>• Heavy duty, pillar type frame with 1500W.</li> <li>• Cutting feeds provided with water-fed swivel head which can be connected to suitable water supply.</li> <li>• Provision at base for water collection &amp; drainage.</li> <li>• Core preparation from regular and irregular samples</li> <li>• Core size : EX to 100mm.</li> <li>• Clamping arrangement to hold specimens with regular/ irregular shapes to the base of machine.</li> <li>• Suitable Cutting Speed to cut the variable size of rock as well as concrete as mentioned above sizes.</li> <li>• Black rust proof coating inside the frame to prevent the rust.</li> <li>• Powder coating Frame</li> <li>• Water tank 5 ltr. is Standard outfit.</li> </ul> <p>Suitable for operation on 220 V, one phase, AC supply.</p>		Instructional manual & Wall Chart	Installation shall be in scope of supplier without any cost. Further installation also includes the material required for the installation. The bidder will also provide minimum 1-2 week hands on training at MGEC campus.	2 Years

Item No.	Name of Goods/Items	Technical Specifications of items	Accessories (if any)	Documents	Installation & Training	Warranty
2.	Permeability Test (Rock)	<p>It should be provided with at least 2 barrel and 6 bits</p> <p>This Equipment is used for determining the permeability Characteristics of solidified soils &amp; rock cores.</p> <p>The Equipment consists of the Following parts.</p> <ol style="list-style-type: none"> <li>1. Mould 50mm dia. X 100 mm high, with collar</li> <li>2. Top Plate</li> <li>3. Base Plate with recess for porous Stone</li> <li>4. Pipette 6 mmx 300 mm long</li> <li>5. Reservoir Tank, Fitted with 7 kg/cm<sup>2</sup> gauge, Valves, Flow Control Regulator &amp; Foot Pump</li> <li>6. Porous Stone to fit into the Base Plate</li> </ol>		Instructional manual & Wall Chart	Installation shall be in scope of supplier without any cost. Further installation also includes the material required for the installation. The bidder will also provide minimum 1-2-week hands on training at MGGECCampus.	2 Years
3.	Point Load Test	<p>Digital Point Load Testing system is an index test for strength classification of rock material. The apparatus should meet the essential requirements of IS : 8764. Machine should be compact in design (tubular frame) so as to make it highly portable. Though intended for field measurements, it should be capable for laboratory testing. The machine should be capable to take irregular specimens of maximum dimensions 100 mm x 100 mm and cores of 100 mm dia.</p> <p>The equipment should comprises of following:</p> <p>i) Tubular Frame</p>		Instructional manual & Wall Chart	Installation shall be in scope of supplier without any cost. Further installation also includes the material required for the installation. The bidder will also provide minimum 1-2-week hands on training at MGGECCampus.	2 Years



Item No.	Name of Goods/Items	Technical Specifications of items	Accessories (if any)	Documents	Installation & Training	Warranty
4.	Brazilian Tensile Test	<p>ii) Load Frame 100 KN</p> <p>iii) Readout unit with Pressor sensor 100 KN x 0.1 KN</p> <p>iv) Rigid hose pipe with quick couplings.</p> <p>Brazilian Test is a test for indirect measurement of tensile strength of rocks. The apparatus for carrying out this test, meets the essential requirements of IS:10082-1982 for use with following core samples.</p> <p>The equipment comprises the following :-</p> <p>Pair of Jaws for 50mm,60mm,70mm,80mm,90mm,100mm</p> <p>i) A loading frame, 200kN Capacity with readout 200Kn x 0.1Kn, having a base and a cross head joined together with two solid pillars with nuts. At the top, the pillars have long threads for height adjustment. On the base, a 200kN hydraulic jack is centrally fixed between the pillars. This jack has an integral pumping unit and oil reservoir. A 200kN capacity pressure gauge is fixed to the jack for indicating the load on the specimen. An operating handle for the jack is also provided.</p> <p>ii) One Brazilian Attachment for core size specimen with thickness half the diameter. It has two loading jaws. The lower jaw has two guide</p>		Instructional manual & Wall Chart	Installation shall be in scope of supplier without any cost. Further installation also includes the material required for the installation. The bidder will also provide minimum 1-2-week hands on training at MGSEC campus.	2 Years

Item No.	Name of Goods/Items	Technical Specifications of items	Accessories (if any)	Documents	Installation & Training	Warranty
		<p>pins fixed with it and the upper jaw has two guide holes for the guide rods to hold the two jaws aligned. The upper jaw has a spherical seating on the upper side to seat a ball for self-alignment. Supplied complete with the steel ball.</p> <p>Readout unit with Pressor sensor 200 KN x 0.1 KN</p>				
5.	Core Cutting and Grinding Machine	<ul style="list-style-type: none"> <li>This unit should be designed for cutting and grinding cylindrical rock/concrete specimens 50-100mm dia.</li> <li>The outfit should be including diamond impregnated cutter, a fine diamond impregnated grinding wheel and sample holder.</li> <li>The Machine should be fitted on heavy duty stand (Not Table Top)</li> <li>Provision for Water during cutting /grinding.</li> <li>Feed arrangement for cutting.</li> <li>Suitable for operation on 440 V, three phase, AC supply.</li> <li>A V-Vice, to hold the sample 50mm dia to 100mm dia to be cut parallel and square to the longitudinal axis is provided.</li> </ul> <p>A hand feed arrangement is provided to facilitate the specimen with a uniform and smooth feeding</p>		Instructional manual & Wall Chart	Installation shall be in scope of supplier without any cost. Further installation also includes the material required for the installation. The bidder will also provide minimum 1-2-week hands on training at MGSEC campus.	2 Years



Item No.	Name of Goods/Items	Technical Specifications of items	Accessories (if any)	Documents	Installation & Training	Warranty
6.	Slake Durability Test Apparatus	<p>motions</p> <p>This apparatus is used to assess the resistance offered by a rock sample to weakening and disintegration when subjected to drying and wetting in a slaking fluid, usually water. The equipment meets the essential requirements of IS:10050-1981 and comprises the following</p> <p>i) A motor drive with reduction gear mounted on a base board and capable of rotating four drum assemblies at a constant speed of 20 rev/min approximately. The motor drive is totally enclosed in a hinged cover for quick accessibility to the drive for test set up. An operating switch is provided in the cover.</p> <p>ii) Two test drums made of brass wire mesh, with one end closed and having a removable cover on the other end. It has suitable couplings for mounting in the perspex water troughs. The drums are 140 mm in diameter and have an unobstructed length of 100 mm.</p> <p>iii) Two perspex water troughs, accommodate one test drum each. These drums carry quick couplings on either end which are in turn coupled with couplings of the motor drive. The troughs allow 40 mm unobstructed clearance below the test drum. A water level mark is provided in each water trough 20 mm below the axis of rotation of the drum.</p> <p>Suitable for operation on 220 v, 50 hz, single</p>		Instructional manual & Wall Chart	Installation shall be in scope of supplier without any cost. Further installation also includes the material required for the installation. The bidder will also provide minimum 1-2-week hands on training at MGSEC campus.	2 Years

Item No.	Name of Goods/Items	Technical Specifications of items	Accessories (if any)	Documents	Installation & Training	Warranty
		phase supply.				

Authorized signature with seal



**ANNEXURE-C**  
**Bid Price of Goods/Items**

Name of Labs: Engineering Geology and Rock Mechanics Lab  
 Delivery Address: Mahatma Gandhi Government Engineering College Kotla (Jeori), Teh- Rampur Bushahr,  
 District Shimla, Himachal Pradesh. PIN 172101  
 Delivery Time (in days): 60 days

Sr. No.	Name of Item	Unit Price (Without GST) (Rs.)	GST (Also Indicate %) (Rs.)	Unit Price Including GST (Rs.)	Qty. Required	Total Price(Including GST) (Rs.)	Remarks (Please mention Page number of detailed information brochure)
1.							
2.							
3.							
4.							
5.							
6.							
7.							
		<b>Total Price (Rs.)</b>					

Authorized signature with seal