



Institute of Technology, Gopeshwar, The Director, Institute of Technology, Gopeshwar, Kothiyalsain, Chamoli-246424, Uttarakhand

## INVITATION LETTER

Package Code: TEQIP-III/2019/UK/iotg/202

Current Date: 29-Dec-2019

Package Name: ITG/GOODS/EQUIPMENTS/STRENGTH OF MATERIAL LAB/CE/05

Method: Shopping Goods

To,

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**Sub: INVITATION LETTER FOR ITG/GOODS/EQUIPMENTS/STRENGTH OF MATERIAL LAB/CE/05**

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	Strength of Material Laboratory	1	THE DIRECTOR, INSTITUTE OF TECHNOLOGY GOPESHWAR KOTHIYAL SAIN CHAMOLI UTTARAKHAND (246424)	YES

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Quotation**

- 3.1 The contract shall be for the full quantity as described above.

- 3.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.

- 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
- 3.4 Applicable taxes shall be quoted separately for all items.
- 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **45**days after the last date of quotation submission.
6. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which
- 6.1 are properly signed; and
- 6.2 Confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
8. Award of contract The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
- 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.
- 8.2 *The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be Incorporated in the purchase order.*
9. Payment shall be made in Indian Rupees as follows:

<b>Payment Description</b>	<b>Expected Delivery Period (in Days)</b>	<b>Payment Percentage</b>
Satisfactory Acceptance	30	100

10. Liquidated Damages will be applied as per the below:  
Liquidated Damages Per Day Min %: 0.10  
Liquidated Damages Max %: 10
11. All supplied items are under warranty of **12** months from the date of successful acceptance of items and AMC/Others is **0**.
12. You are requested to provide your offer latest by **12:30** hours on **17-Jan-2020**.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **YES**
15. Testing/Installation Clause (if any) **YES**
16. Performance Security shall be applicable: **0%**
17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
18. Sealed quotation to be submitted/ delivered at the address mentioned below, **Institute of Technology, Gopeshwar, The Director, Institute of Technology, Gopeshwar, Kothiyalsain, Chamoli-246424, Uttarakhand**
19. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

## Annexure I

<b>STRENGTH OF MATERIAL LAB SPECIFICATIONS</b>			
<b>Sl No</b>	<b>Name of Item</b>	<b>Specification</b>	<b>Qty</b>
1	Relative Density Apparatus	<p><b>Standards: IS 2720 (PARTXIV)</b></p> <p><b>Applications</b> To calculate the relative density of cohesionless soil</p> <p><b>Specifications:</b> The equipment consists one each of:</p> <ol style="list-style-type: none"> <li>1) Vibratory table, with a cushioned steel vibrating decks about 75cm x 75cm. The vibrator should have a net mass of over 45 kg. It should have a frequency of approximately 3600 vibrations per minute. Vibrator amplitude is variable in between 0.05mm to 0.65mm in step of 0.05 to 0.25mm, 0.25 to 0.45 mm and 0.45 to 0.65mm under a load of 11 kg load and shall be suitable for use with a 415-V three phase supply.</li> </ol> <p>Guide sleeve with clamp assembly. Surcharges base plate for mould. Handle for surcharge base plate. Surcharge weight. The total weight together with surcharge base plate and handle is equipment to 140 kg. / cm<sup>2</sup>. For mould. Cylindrical metal unit weight mould 15000 ml. capacity. (Total weight together with the above mould &amp; surcharge weight is equivalent to 140 kg. / cm<sup>2</sup>) dial gauge 0.01mm x 50mm travel. Extension piece 25mm for dial gauge</p> <ol style="list-style-type: none"> <li>2) Moulds — With Guide Sleeves and clamp assembly — cylindrical metal unit mass moulds of 3000 cm<sup>3</sup> and 15000 cm<sup>3</sup> capacity</li> <li>3) Surcharge Base Plates with Handle — one surcharge base plate 10 mm in thickness for each size mould</li> <li>4) Surcharge Masses — one surcharge mass for each size mould</li> <li>5) Dial Gauge Holder</li> <li>6) Dial Gauge 50 mm travel with 0.025 mm graduation</li> <li>7) Calibration Bar —of metal and 75 x 300 x 3 mm in size</li> <li>8) Pouring Devices — consisting of funnels 12 mm and 25 mm in diameter and 15 cm long, with cylindrical spouts and lipped brims for attaching to 15 cm diameter and 30 cm high metal cans.</li> <li>9) Mixing pans — suitable Size are 60 x 90 cm and 10 cm deep and 40 x 40 cm and 5 cm deep.</li> <li>10) Weighing Scale—portable platform scale, 100 kg capacity with sensitivity of 20g</li> <li>11) Metal Hand stoop</li> <li>12) Micrometer - 0 to 25 mm accurate to 0.025 mm</li> <li>13) Vernier caliper- 0 to 200 mm with accuracy of 0.025 mm</li> </ol>	1
2	Vibrating Table	<p><b>Applications</b> For proper compacting of concrete while casting specimen</p> <p><b>Specification:</b></p>	1

		<ol style="list-style-type: none"> <li>1) Vibrating Table, <b>100 x 100 cm</b> for 6 moulds of 150mm cube</li> <li>2) Suitable for operation on 220V, 50Hz, Single Phase, AC supply</li> <li>3) Maximum load capacity of 140 kg</li> </ol>	
3	Air Permeability Apparatus (Blaine type)	<p><b>Applications</b> To test the fineness of cement</p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1) Should comply with standard IS: 1727,4031, 4825</li> <li>2) Should comply with ISI Certification mark IS:5516.</li> <li>3) Fitted in aluminum box with permeability cell.</li> <li>4) 'U' Tube Manometer, mounted on stand.</li> <li>5) Perforated Metal Disc. Plunger. Rubber Stopper, Rubber Tube of 20cm long, Filter Paper Discs (Twelve Nos.)</li> <li>6) Dibutyl phthalate liquid of 100 ml bottle, punch, non- perforated disc and suction bulb.</li> </ol>	2
4	Electric Hot Air Oven	<p><b>Specifications:</b></p> <ol style="list-style-type: none"> <li>1) The Oven shall in-built with Digital Indicator Cum Controller with Safety Alarm, range 50° to 250°C +/-1°C with Air Circulating Fan, S.S.</li> <li>2) Inside Size 600 x 900 x 600mm</li> </ol>	1
5	Rebound Hammer Apparatus	<p><b>Technical specification</b></p> <ol style="list-style-type: none"> <li>1) Impact energy Type 2.25 Nm</li> <li>2) Concrete compressive strength range Types 10 – 100 MPa</li> <li>3) USB port and PC software</li> <li>4) Results are displayed as numerical format</li> <li>5) High-contrast graphic display 128x64 pixel</li> </ol>	1
6	Weighing Balance	<p><b>Specification</b></p> <ol style="list-style-type: none"> <li>1) Capacity: 20 kg</li> <li>2) Accuracy: 2 gm</li> <li>3) Platter Size: 175 X 225 mm</li> <li>4) The scale should be made up of heavy duty. Cast iron structure Platform with powder coated frames.</li> <li>5) LED / LCD display.</li> <li>6) The Scale should have inbuilt rechargeable battery backup for minimum of 6 hrs.</li> <li>7) Should operate on mains 220-240Vac, 50 Hz single phase.</li> <li>8) The Scale should be as per BIS specifications.</li> </ol>	2
7	Hydraulic Trolley	<p>Technical Specification Hand-operated 4 Wheeled Platform Trolleys (material: mild steel)</p> <ol style="list-style-type: none"> <li>1) smooth, swivel-motion wheels (4 in number) made of nylon / polyurethane</li> <li>2) Capacity 2000 kg</li> <li>3) Turning radius = 110 degree</li> </ol>	1

		<p>4) Typical length of cart is 1 m and width is 0.5 m</p> <p>5) fork length: 1150mm</p> <p>6) Fork width: 550mm</p> <p>7) Lower height: 85mm</p> <p>8) Raised height: 200mm</p> <p>9) Lift height: 115mm</p> <p>10) Lift: 10mm / Stroke</p>	
8	Prismatic Compass	Prismatic compass with coloured glasses and aluminum stands in waterproof cover, size 100 mm dia, arrangement for lifting and locking of needle when not in use. foldable and portable aluminum stand, High Quality and Robust, Accurate to within 30 Minutes. Conforming to IS-1957-1961.	5
9	Surveyors Compass	Made of gun metal with metal circle graduated to full degree with two bubble and bar needle fitted with real agate stone to give very accurate bearing, supplied in fiber case with Aluminum stand having ball and socket head. Confirming to relevant BIS code	5
10	Ranging Rod	Made of steel conduit pipe. Alternatively, painted black and white or red and white. Fitted with strong shoe at the bottom; conforming to relevant BIS code	15
11	Dumpy Level	Internal focusing telescope having 3 foot screws leveling base with locking arrangement, diaphragm etched on glass with Stadia 1:100, screw focusing eye piece, highly sensitive spirit bubbles, aperture not less than 3.76 cm.fitted with magnetic compass having prismatic reader, longitudinal bubble with folding reflector. Kept in wooden box with Aluminum Folding Stand	5
12	Auto level	Telescope: Magnification –28X or better, Aperture –30 mm, erect image, field of view –1o20’, shortest focusing distance 0.60 m; Accuracy: +/- 1.5mm or better; Leveling Accuracy 1.5mm @ 60 m or better; Compensator: Air Dampened. Kept in wooden boxes with folding stand.	5
13	Measuring Tape 30m	Fiberglass tape of 30 m length	5
14	Measuring Tape 5 m	Fiberglass tape of 5 m length	5
15	Indian Pattern Tangent Clinometer	Indian pattern tangent clinometers made of brass with rack and pinion arrangements. The sight of the vein should show elevation or depression in degrees	2

### **QUALIFICATION CRITERION**

<b>Sr. No</b>	<b>General Specifications</b>
1.	The product should be certified by standard certification bodies ISO/ISI/CE/IEEE and IEC.
2.	GST Registration Certificate Photocopy
3.	Income Tax Clearance Certificate Last Three Year
4.	PAN Card Photocopy

**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To: \_\_\_\_\_  
\_\_\_\_\_

Sl. No.	Description of goods \ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of \_\_\_\_\_ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No. \_\_\_\_\_