



Seemant Engineering Institute, Pithoragarh, NANHI PARI SEEMANT
ENGINEERING INSTITUTE PITHORAGARH (Erstwhile Seemant Institute of
Technology, Pithoragarh) GIC Campus, Link Road, Pithoragarh-262 502,
Uttarakhand

INVITATION LETTER

Package Code: TEQIP-III/2019/UK/seip/101

Current Date: 18-Jul-2019

Package Name: CE Soil Dynamics Lab

Method: Shopping Goods

To,

The **CONCERNED**

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.....

Sub: INVITATION LETTER FOR CE Soil Dynamics Lab

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	Civil Miscellaneous Lab	1	NPSEI Pithoragarh	Yes required

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 **120**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:

Satisfactory Acceptance - 100% of total cost
10. Liquidated Damages will be applied as per the below:

Liquidated Damages Per Day Min % :N/A

Liquidated Damages Max % : N/A
11. All supplied items are under warranty of **12** months from the date of successful acceptance of items and AMC/Others is .
12. You are requested to provide your offer latest by **16:30** hours on **05-Aug-2019**.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **Yes required**
15. Testing/Installation Clause (if any) **Yes required**
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 **through INDIAN SPEED/ REGISTERED POST ONLY** and mention **TEQIP-III/2019/UK/seip/101** on the top of the envelope:

To,

The Director/ TEQIP Coordinator
NANHI PARI SEEMANT ENGINEERING INSTITUTE
(Erstwhile Seemant Institute of Technology)
GIC Campus, Link Road,
Pithoragarh-262 502, Uttarakhand

19. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

Additional Terms & Condition:

1. The dealer/vendor should submit three purchase orders of items supplied to other Engineering colleges/organizations.
2. All dealer/vendor need to mention the make and model no for the item quoted.
3. The dealer/vendor has to provide at least one year warranty and free service/maintenance required at the college site.
4. Training for a period of 2 days to be considered.
5. At the time of technical evaluation of products, the dealer/vendor may be called for the demonstration if required.
6. FREE installations and FREE Demonstration at College.
7. The dealer/vendor should provide catalog/leaflet in support of the quoted product.
8. Dealers/vendors have to quote the full package and demonstrate all the experiments covered. Quotation will be evaluated for the whole package.
9. Statutory Documents like GST certificate, PAN Card, Manufacturing License etc to be provided.
10. Quotations will not be considered submitted through by hand in any case.

Annexure I

Sr. No	Item Name	Specifications
1	Civil Miscellaneous Lab	<p>Soil Dynamics Laboratory Soil behaviour under dynamic conditions is a crucial component of several studies concerned with the environmental effects of earthquakes, risks assessment and geological hazards. This laboratory provides data on soil dynamic properties necessary for determining the dynamic strength and stability of soils, the soil liquefaction potential and the soil-structure interaction. In cooperation with the other laboratories of the Civil engineering, it performs in-situ testing of foundations and foundation models and other specific tests in the field of soil and foundation dynamics. Major apparatus to be used in the laboratory are as follows:</p> <p>Biaxial Shake Table Biaxial Shake tables are ideal to perform seismic simulation, soil liquefaction and vibration tests on models as well as for engineering qualification of components and assemblies for earthquake and vibrations resistance. To test the response of structures and soil or rock slopes to verify their seismic performance, one of which is the use of an earthquake shaking table. This is a device for shaking scaled slopes, structural models or building components with a wide range of simulated ground motions, including reproductions of recorded earthquakes time-histories.</p> <p>Advanced Static and Dynamic Triaxial Advanced static and dynamic triaxial systems for soil testing. Three axes control systems applications of any type of dynamic loading, user defined, automatic volume change measurements, on sample transducers-local strain measurements.</p> <p>Geotechnical Centrifuge Modelling is a technique for testing physical scale models of Geotechnical Engineering systems such as natural and man-made slopes and earth retaining structures and building foundations. Centrifuge modelling of geotechnical problems provide an understanding of the mechanisms involved in each particular process and has the potential to create well documented, highly-instrumented case studies of soil behaviour, in which the material properties, initial state, and boundary conditions are all well-defined. A geotechnical centrifuge is used to test models of geotechnical problems such as the strength, stiffness and capacity of foundations for bridges and building, settlements of embankments, stability of slopes, earth retaining structures, tunnel stability and seawalls.</p> <p>Laminar Container (SHEAR BOX) Laminar box for shaking table testing on geo-structures. (One dimensional shaking). Amplification, liquefaction and cyclic mobility phenomenon, excess pore water pressure generation and dissipation rates can be investigated. A laminar box has been constructed to permit accurate dynamic centrifuge testing of geotechnical and soil-structures models subjected to horizontal one-dimensional earthquake excitation at the base of a soil deposit. The container is designed for dry or saturated soil models and permits development of stresses and strains associated with one dimensional wave propagation.</p> <p>Cyclic Simple Shear Apparatus-CSSA The non-uniformity of the states of stress and strain in a soil specimen is tested in a simple shear test device. Solid state machine, reliable operation, simulation of earthquake conditions, shearing in a wide range of strain. Cyclic shear test device (two soil sample cells, excitation generator, hydraulic pump, PC driven system for control, measurement and recording, control system for data processing, accessories).</p>

S.No.	Name of Apparatus	Quantity
1.	Blain air permeability apparatus	1
2.	Rebound hammer apparatus	1
3.	Colony counter	1
4.	High volume sampler filter papers	1 pack
5.	Digital meter 9 volt batteries	5
6.	Sound level meter batteries Data Logging Sound Level meter HPC Instrument SL1352. IEC61672-1 Class2	2
7.	Total station battery Li-ion Battery:7.4V-/4.4Ah LOA 33 rvh Geo Max AG,CH-943 Widnay Manufactured:Roll- s.n:0212	1
8.	Weighing balance maxi capacity 50 kg.	2
9.	Lubricant oil for 3 and 2 arch apparatus	1 lit.

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)
Total Cost							

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. _____