राष्ट्रीय प्रौद्योगिकी संस्थान सिक्किम
NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM
(An Institution of National Importance Under MHRD, Govt. of India)

INVITATION LETTER

Package Code: TEQIP-III/2019/ntst/94

Package Name: NITS/TEQIP-III/CE/01

Current Date: 25-Apr-2019

Method: Shopping Goods

Sub: INVITATION LETTER FOR NITS/TEQIP-III/CE/01

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:

S. No.	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	Equipment for Structural Engineering Lab	1	NIT Sikkim	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:

    Satisfactory Delivery & Installation - 10% of total cost
    Satisfactory Acceptance - 90% of total cost
10. Liquidated Damages will be applied as per the below:

    Liquidated Damages Per Day Min % : 0
    Liquidated Damages Max % : 10
11. All supplied items are under warranty of **24 Months** from the date of successful acceptance of items and AMC/Others is **NA.**
12. You are requested to provide your offer latest by **17:30** hours on **31-May-2019.**
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:

    National Institute of Technology Sikkim,
    Barfung Block, Ravangla, South Sikkim
    Pin Code-737139.
19. We look forward to receiving your quotation and thank you for your interest in this project.

26/04/19

Dr. Achintesh N. Biswas
Nodal Officer (Procurement)

Nodal Officer (Procurement)
TEQIP-III
National Institute of Technology Sikkim

ANNEXURE-I

S.No.	Name of the Item	Quantity	Specification
1.	Automatic Compression Testing Machine Windows Based, Capacity 3000kN/Loading Unit	1	Automatic Compression Testing Machine Windows Based, Capacity 3000kN/Loading Unit: Fully welded construction having a cross head, base and solid side plates Hydraulic jack to be fixed to the base Platens of the machines are hardened, ground and polished Suitable size of spacers are to be provided for testing of various specimens Upper platen is provided with self-aligning action. Range: 3000 kN Least Count: 0.1 kN Max. Clearance between Platens: 400 mm; Max. Distance Between Side Plates: 400 mm Platen Size: 320 square mm Piston Dia: 272.2 mm Piston Stroke: 50 mm Pumping Module: 0.5 HP, Single Phase, 220V AC motor driven, 2 speed hydraulic pump Bonded Strain gauge based pressure transducer 2 outputs in the manifold with isolating valves. One for opening and closing of the port. One output for Automatic Compression Testing Machine and one for Flexural Testing unit. Complete connection in all respect. Enhanced Digital Indicator: Flexible Calibration Points Peak load, Peak stress, Unique record number Indication Provision of configuring for more than one Mode: Mode 1- Compression Mode 2 – Flexure Mode 3 – Prism Mode 4 - Tensile Splitting strength Menu driven sample details Dynamic Calibration Data Storage Facility Data download through RS 232 in ASCII format Possibility of User set break point 2% overload facility to enable calibration up to full capacity Peak stress calculation based on sample type and shape Automatic Pace rate control to set value Facility to change Pace rate during test progress Auto close / release of dump valve Multifunction keyboard Electronic Hardware: The compression testing

S.No.	Name of the Item	Quantity	Specification
			machine is fully controlled by computer running under Microsoft Windows Operating System Pump control is by PID controlled EDI. EDI is connected to PC through RS 232 or any serial to USB Converter Easy to use and intuitive GUI Displacement measuring device interface for Strain measurement Login and access control Online help file Multiple calibration files for different configurations Least count of 0.1 kN Software Scope: software designed for 32 bit operating system Desktop computer with licensed Windows XP service pack 2 or Windows 7 or latest Test Method Library, Test Editor, Tabbed Test and Recall Area Multiple Machine Control Output Editor Multilingual Method Editor Result Editor Multifaceted Security
2.	Automatic Flexure Testing Machine Windows based/Capacity : 100 kN	1	**Automatic Flexure Testing Machine Windows based/Capacity : 100 kN** Automatic and windows based Type of Pumping: Electrical operated Loading Capacity : 0 -100 kN Least Count: 0.01 Kn Type of Loading: Third Point Loading Centre Distance between Supporting Rollers: 600 mm / 400 mm Centre Distance between Loading Rollers: 200 mm / 133mm Beam mould, cast iron 100 x 100 x 500 mm Beam mould, cast iron 150 x 150 x 700 mm A Spacer for testing different size of beams Suitable for operation with 220 volts, 50 Hz, single phase, AC supply. General Features: Light Weight, rugged high strength frame Double action hydraulic pump Self-aligning roller assembly
3.	Self-consolidating Concrete (SCC) Flow ability: J Ring Apparatus, L Box Apparatus, U box test Apparatus, V	1	**Self-consolidating Concrete (SCC) Flow ability:** **L-Box:** The equipment consist of the following replaceable parts : L-Box with three smooth bars equally spaced and a gate

S.No.	Name of the Item	Quantity	Specification
	Funnel Apparatus		Bucket capacity of 14 litre Measuring scale 0-600mm Spirit level Stop watch with accuracy of 0.1 second **V-Funnel:** The equipment consist of the following replaceable parts : Bucket capacity 14 litres. Sprit level. Stopwatch with accuracy 0.1 second for Recording the flow time. **U-Box:** The equipment consist of the following replaceable parts : Bucket capacity of 14 litres Measuring scale 0-600mm Sprit level Stopwatch with the accuracy 0.1 second **Flow table for self-compacting Concrete:** The equipment consist of the following replaceable parts : Flow table Slump cone Wooden tamping bar
4.	Concrete Mixer, Pan Type, Capacity 40L	1	**Concrete Mixer, Pan Type, Capacity 40 L:** Mixing Capacity: 40 ltrs. Overall Dimension : 910mm X 875 mm X 1250mm Motor : 2 HP, 960 RPM Portable & Compact. Adjustable Blades. Simple to clean & maintain. Easy to operate. Suitable for operation on 440V, 50Hz, Three Phase, AC supply.
5.	Cement Autoclave, Analog with Pressure Gauge & Digital temperature Controller	1	**Cement Autoclave, with Analog pressure Gauge & Digital temp controller:** Working Pressure : 21 ± 1kg / cm at 215° C Pressure Vessel : ID 150mm X Depth 500 mm Weight : 70 Kg Heater : 2000 Watts Supply : 220V, 50Hz, 1 phase Panel mounted PID controller with international safety certifications. Rubber Gasket, Viton 1 No. Pressure Gauge, 0-42kg/cm Safety Valve Temperature Controller with Sensor

6.	Laboratory Ball Mill, 5kg Capacity	1	**Laboratory Ball Mill, 5 Kg capacity** Laboratory Ball Mill is primarily designed for grinding pigments. The material is ground at a specific speed by using a specific quantity of grinding media (steel balls) for a specific period. The equipment is used for making the ground cement samples in the laboratory. Apart from the cement industry, it is also used in the paint, plastic, granite and tile industries. The equipment is provided with a revolution counter for recording the revolutions. Recommended balls for Ball Mill for 5kg capacity 40 mm dia: 43 nos. 30 mm dia: 67 nos. 25 mm dia: 10 nos. 19 mm dia: 71 nos. 12.5 mm dia: 94 nos. Suitable for operation on 415V, 50Hz, 3 Phase, AC supply
7.	Flow Table Apparatus as per IS:9103-1999	1	**Flow Table, Motorized:** The Flow Table top is 76.2 cm dia, finely machined from a solid brass casting. The integrally cast ribs are designed for support and strength. The stand is fabricated of cast iron and is of sturdy construction. Holes for mounting on foundations are drilled in the base plate. The ground and hardened steel cam is designed to drop the table by 12.5 mm with an electric geared motor. The equipment is supplied along with flow mould. Suitable for operation with 220 volts, 50 Hz, single phase, AC Supply.
8.	Compaction Factor Apparatus	1	**Compaction Factor Apparatus:** Compaction Factor Apparatus is complete with hoppers and receiver assembly, AIM 345 Tamping Rod of 16 mm dia x 60 cm long having a Hooper and two trowels.
9.	Capping Set, Vertical, for capping 150mm diu. Cylinders and cores	1	Capping Set, Vertical, for Capping 150 mm dia. Cylinders and Cores
10.	Core Case	1	**Core Case:** Core Bit and Water Jacket 50 mm dia x 100 mm long Core Bit and Water Jacket 75 mm dia x 100 mm long

11.	Le-Chatelier Mould, with ISI Certification MarkIS:5514, each	1	Le-Chatelier Mould with ISI Certification Mark
12.	Mould for Flexural Prism	6	Mould for Flexural Prism
13.	Gauging Trowel, Ref Standard IS: 4031,100 to 150mm long blade with straight edge.	6	**Gauging Trowel** Ref. Standard - IS: 4031 100 to 150mm long blade with straight edge. Weight 210 ± 10g
14.	Cement Tensile Testing Machine	1	**Cement Tensile Testing Machine:** Loading speed of the single lever system: 10 +/- 2 N/Sec Loading speed of the double lever system: 50 +/- 10 N/Sec Flexure jaw diameter of the loading roller: 10mm Supporting roller diameter: 10mm Supporting roller distance: 100mm Baffle plate span: 46mm
15.	Mould, Cast Iron, for 150mm Cube with ISI Certification Mark	12	Mould, Cast Iron, for 150 mm Cube with ISI Certification Mark, IS:10086
16.	Beam Mould, 100mm x 100mm x 500mm	6	Beam Mould 100 mm x 100 mm x 500 mm size
17.	Tamping Bar, Steel 25mm x 25mm as per ISI Certification Mark	3	Tamping Rod, Steel, 16 mm dia x 600 mm length rounded at the lower end. Carries ISI Certification Mark IS: 10086. For use with Cube and Cylindrical Moulds.
18.	Compression Frame Jig Assembly with 50mm platens	1	Compression Frame Jig Assembly with 50mm platens.

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: .....

To,

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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.: .....