

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/98

Current Date: 25-Apr-2019

Package Name: NITS/TEQIP-III/CE/05

Method: Shopping Goods

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


S. No.	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	Equipment for Environmental 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.


Dr. Achintesh N. Biswas
Nodal Officer (Procurement)
Nodal Officer (Procurement)
TEQIP-III
National Institute of Technology Sikkim

ANNEXURE-I

S. No.	Item Name	Total no. required	Specification
1	pH Meter	6	Microprocessor Based, LCD Display, Range: -1 to 15, points calibration, Accuracy: ± 0.01 pH, 0 to 150°C Temperature Range: Memory: 500 readings stand with clamp, Dust cover
2	Titration Test Kit	6	Non corrosive retort stand with polypropylene covering and clamp, 6 no of burette
3	Water Bath	1	Inside made of Stainless steel, Outside made of mild steel with powder coating. 75mm (3'') opening (holes) are provided with concentric ring. Digital temperature indicator cum controller range 5°C above ambient to 99°C. Temperature controller knob and on off switch. Operating on 220/230 Volts A.C.
4	Shaker	1	Angle Iron Structure with mild steel housing with Spray Painted. Complete with F.H.P DC Motor, Pully, Cord Etc. Controllable Speed.
5	Filtration Assembly	1	Filtration Assembly consisting of S.S Filter with filter support for 47 mm dia glass, filtration flusk capacity 1Lit, Vacuum pipe, oil free vacuum pump and 0.45u Filter Paper.
6	Dual Beam UV-VIS Spectrophotometer	1	<p>Microprocessor based UV-VIS Spectrophotometer with high resolution LCD display and dedicated touch screen, for operation on 220V / 50Hz.</p> <ul style="list-style-type: none"> • Stand-alone operation or complete control through PC with PC software supplied as standard • True double beam optics with aberration corrected concave blazed holographic grating in Czerny – Turner mounting for high energy throughput and high quality monochromatic light • Wide wavelength range of 1,100 nm to 190 nm • High resolution 1 nm spectral bandwidth over entire wavelength range • Wavelength setting and display in steps of 0.1nm • Wavelength accuracy of + 0.1nm for D2 spectral line • Wavelength reproducibility of + 0.1nm • Wavelength Slew rate: $\geq 14,500$ nm/min • Variable wavelength scanning speed: $\geq 3,000$ nm/min to 2 nm/min • 29,000 nm/min when survey scanning • Ultra low stray light of $<0.02\%$ T at 220nm with NaI filter • Wide Photometric range of -1 to +1 Abs and 0 to 400 %T

			<ul style="list-style-type: none"> • High Photometric Accuracy of + 0.002 Abs at 0.5 Abs • High Photometric Repeatability of Less than ± 0.0002 Abs at 0.5 Abs • Baseline stability: < 0.0003 Abs/Hr (700 nm, one hour after light source turned ON) • Ultra low Photometric noise of < 0.00005 Abs (700 nm) • Dual source – high intensity Tungsten-Halogen and Deuterium lamp with automatic changeover • High sensitivity matched pair Silicon Photodiode detector • 5 USB ports for high speed PC and printer connectivity, data storage and transfer through USB pen drive • Guaranteed compliance with all Pharmacopoeia requirements • Built in validation program, diagnostic and security functions • All operational modes as standard – Photometric; Spectrum; Quantitation; Kinetics, Time Scan, DNA and Protein Quantitation in stand alone and PC mode. Additionally Multi-Component measurement available in stand-alone mode. • Large sample compartment compatible with wide range of accessories • Must supply one pair of 10mm path length Quartz Cuvettes of 3.5 ml volume as a standard supply
7	Microprocessor Dissolved Oxygen Meter	1	16 x 2 alpha numeric LCD display, Simultaneous display of D.O. & temperature. Data storage facility upto 1000 samples, Computer interface through RS 232, Supplied with D.O. probe, temperature probe, electrode stand, dust cover & instruction manual.
8	Vertical Autoclave	1	High pressure, electrically heated vertical steam sterilizer is used for sterilization of surgical instruments, dressing material, linen, rubber, plastic material by means of saturated steam under pressure of 15 psi. Apart from health services it is also used in scientific research institutions and universities. Sturdy double walled construction with boiler/inner chamber made of stainless steel of 18 SWG sheet SS 304. Outer shell is made of Stainless steel duly polished. The boiler and outer shell is provided with air insulation. Lid is made of Stainless steel plate 304 and is tightened by radial locking system (chrome plated) with paddle lifting. Moulded, joint less gaskets are made of Neoprene rubber.

			<p>Autoclaves are fitted with water level arrangements to indicate water position inside the boiler, pressure gauge, Air/steam release cock, spring loaded safety valve and Automatic Pressure switch which can be set at any selected point from 5 psi. to 20 psi \pm 1 psi. and drain. Immersion type heating element heats the water and steam to desired temperature and pressure. Supplied complete with S.S. basket, cord and plug to work on 220 Volts, 50 cycles AC supply. Chamber size:-Dia x Depth 350x550 mm</p>
9	Arsenator Digital Arsenic Tester	1	<p>Arsenator Digital Arsenic Tester solves the complex dilemma of how to measure arsenic in the field accurately and safely. Built around the unique 3-stage filter system, the Arsenator simplifies and improves field arsenic testing to exceed the WHO guideline value of 10 μg/l As in drinking water. Provided as a robust field kit suitable for use anywhere, the Arsenator features:</p> <ul style="list-style-type: none"> • Sensitivity down to 2 μg/l As - unique in a field analysis system • 3-stage filter system increases sensitivity, removes interference from sulphide and protects operators • Comprehensive field kit containing all required accessories and consumables.
10	Digital TDS Meter	6	<p>Digital TDS meter, Bright red LED display, Selectable cell constant (0.1, 1 and 10), Calibration points 1 to 3. Supplied with manual, dust cover, stand, rod, clamp & amp; electrode, able to measure conductivity and salinity</p>
11	Electrodes	1	<p>Ion-Plus Sure Flow Combination. Measurement Range : 0.02ppm to Saturated for fluoride 0.1ppm to 14000 ppm for nitrate 0.1ppm to 17000 ppm for ammonia Single ion meter with Electrodes, Electrode HolderStand, Power Adaptor with all respective standard and ISA solution.</p>
12	BOD Incubator	1	<p><u>BOD Incubator</u> MICROPROCESSOR CONTROLLED COOLING INCUBATOR TEMP. RANGE 5 TO 60 °C \pm 0.5 °C</p> <ul style="list-style-type: none"> * Double walled inside Stainless Steel/ outside made of mild steel duly painted with white enamel paint with Insulation of 75 mm. * Chamber with shelf supports, allowing wide range of shelf positions & spacing. Supplied with (3 Nos.). Removable perforated Stainless Steel shelves. * Full view inner Acrylic door allows inspection of sample without disturbing temp of working chamber. * Outer double walled metal door the

			<p>MAGNETIC GASKET LOCK & KEY.</p> <ul style="list-style-type: none"> * Door operated illumination lamp. * Cabinet mounted on Castor wheels, for ease of movement. <p>OPERATIONS:</p> <ul style="list-style-type: none"> * Temp. is controlled by Digital Temp. Indicator cum controller from 5 – 60 °C, Accuracy ± 0.5 °C. * Air circulating system is provided by 2 Nos F H Motor with fan which keeps uniform temp. throughout the chamber. * A quite running sealed CFC Free Compressor (ISI Marked) with all its protective devices along with a fan cooled condensing unit are placed below the working chamber. * Heating is done with sheathed heaters. <p>CONTROLPANEL:- Fitted with LCD TOUCH SCREEN (HMI), having colour display for temp. and storage of data. The data + Date + Time) up to 10000 records (3 to 4 days) can be stored in the internal memory of the HMI which can be downloaded in the USB Pen Drive and easily seen on the PC to excel sheet.</p>
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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.: