



Institute of Engineering & Technology, Lucknow, Sitapur Road, Lucknow,  
Uttar Pradesh - 226021

## INVITATION LETTER

Package Code: TEQIP-III/2019/UP/ietl/259

Package Name: IET-TEQIP-CED-LAB-1

IET/TEQIP-III/2019-230-A

Current Date: 06-Jul-2019

Method: Shopping Goods

Sub: INVITATION LETTER FOR IET-TEQIP-CED-LAB-1

Dear Sir,

- 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	UV-VIS Spectrophotometer	1	Institute of Engineering and Technology, Lucknow	
2	DO Meter	1	Institute of Engineering and Technology, Lucknow	
3	Muffle furnace	1	Institute of Engineering and Technology, Lucknow	
4	Flame Photometer	1	Institute of Engineering and Technology, Lucknow	
5	Autoclave	1	Institute of Engineering and Technology, Lucknow	
6	Water sampler	1	Institute of Engineering and Technology, Lucknow	
7	Water bath	1	Institute of Engineering and Technology, Lucknow	
8	Double distillation unit	1	Institute of Engineering	

9	Chlorophyll Fluorometer	1	and Technology, Lucknow  Institute of Engineering and Technology, Lucknow	
10	Soxhlet Extraction Apparatus	1	Institute of Engineering and Technology, Lucknow	
11	Rotary vacuum evaporation unit (with jack and water bath)	1	Institute of Engineering and Technology, Lucknow	
12	Ultrapure water system	1	Institute of Engineering and Technology, Lucknow	

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 60days 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 and Acceptance - 100% of total cost**
10. Liquidated Damages will be applied as per the below:
 

Liquidated Damages Per Day Min % :0.50

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 .
12. You are requested to provide your offer latest by **14:00** hours on **22-Jul-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: **5%**
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, **TEQIP-III Institute of Engineering & Technology, Lucknow, Sitapur Road, Lucknow, Uttar Pradesh - 226021**
19. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

**COORDINATOR**  
**TEQIP PHASE-III**  
**Institute of Engineering & Technology, Lucknow-21**

Sr. No	Item Name	Specifications
1	UV-VIS Spectrophotometer	Computer controlled UV-Vis Spectrometer system for advanced research work with true Double beam, dual chopper ratio recording spectrometer with Czerny Turner monochromator (focal length better than 0.25 m. Grating should be 1200 lines/mm). Source- Tungsten lamp. Detector- Photomultiplier tube with range 190-900 nm.
2	DO Meter	DO: 0 to 200.0% / 0 to 20.00ppm (mg/L) Temperature Range: 32° to 122°F (0° to 50°C) Max. Resolution: 0.1%, 0.01ppm (mg/L), 0.1°F/°C Accuracy: +2.0%FS, 0.4ppm (mg/L), +1.8°F/1°C Power: four SR44W button batteries Size: 1.4x6.9x1.6 inch (36x176x41mm) Weight: 3.8oz (110g)
3	Muffle furnace	Digital Single Set point temp. 950° C to 1800°C, Ceramic wool insulation, Thermocouple break protection, Temperature Uniformity +/- 1°C, Power 220V/50Hz
4	Flame Photometer	Range: 120-160 mmol/l Na (linearised) 0-10.0 mmol/l K, Operating Environment: 15°C to 35°C Size: 420 x 360 x 300mm Weight: 8kg Services: Electrical: 90-125V or 190-250V @ 50/60Hz. Air: Moisture and oil-free. 6 litres/minute at 1kg/cm <sup>2</sup> (14psi). Fuel: Propane, butane, natural gas or L.P.G. For sterilization, Chamber dimensions (D x L) mm 384 x 758, Volume- 85L, No. of trays- 2
5	Autoclave	
6	Water sampler	For collecting water samples, Operating Temperature: 32° to +158°F (0° to +70°C) Battery: Rechargeable 12 VDC, 5 AH Gel Cell Battery Life: Approximately 1 hour of continuous sampling Sample Pump: Flow Rate: 1000 ml per minute at 4 ft. head Type: Peristaltic Maximum Lift: 22 ft (6.7 m) Pump Tube: Norprene 1/4 inch ID Sample Hose: 15 ft (4.6 m) nylon reinforced polyethylene tubing with intake strainer. Enclosure: Expanded UV protected PVC Dimensions: 9x7.5x4.5 inch (23x19x11 cm) Weight: 6 lb (2.7 kg) (Shipping Weight 7 lb (3.2 kg))
7	Water bath	For heating samples, Capacity-6-24L, temperature stability +/- 0.5 C, heater power 500W-1700W, Net weight- 6.5 Kg
8	Double distillation unit	This is a distiller for producing distilled water for laboratory research. Vessel Volume 140L, Constant filling volume 80L, distillation rate- 20-60L/hr, Heating Temperature- 200 C
9	Chlorophyll Fluorometer	For measuring Chlorophyll Fluorescence, Optical Density Difference at two wavelengths: 650 nm and 940 nm Measurement Area: 2 mm x 3 mm (Approximately 3/32 in x 1/8 in) Light Source: 2 LEDs Receptor: Silicon Photodiode Power



10	Soxhlet Extraction Apparatus	Source: 2 AA alkaline batteries (1.5V) Repeatability: Within $\pm 0.3$ SPAD unit SPAD Value: Index of relative chlorophyll content; -9.9 to 199.9 For continuous solvent extraction of semi-volatile analytes from solid matrices, size medium, Joint- Joint ST/NS extractor, Extractor I.D. 50mm, Extractor Volume- 200ml, Flask Volume- 300ml
11	Rotary vacuum evaporation unit (with jack and water bath)	For removal of solvents from samples by evaporation under vacuum. Driving Unit : Encased induction motor with electronic speed control Condenser : Vertical Double spiral glass coil, Drive Unit : Motorized drive unit, Jack up Function : Electronic quick action jack and automatic lifting of the flasks during a power failure Rotation Speed : up to 280 rpm Temp. control range: Ambient temp. to 210° C or higher. Accuracy : 1°C $\pm$
12	Ultrapure water system	Advanced purification technologies for constant flow of ultra pure water

**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. \_\_\_\_\_ (Amount in figures)

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (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. \_\_\_\_\_