

INVITATION FOR QUOTATION

TEQIP-III/2018/mmug/Shopping/19

04-July-2018

To,

Sub: Invitation for Quotations for supply of Goods

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	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	BOD measurement system	2	60	MMMUT GORAKHPUR	YES
2	COD measurement system	2	60	MMMUT GORAKHPUR	YES
3	Electronic Balance	1	60	MMMUT GORAKHPUR	
4	Hg-Analyzer	1	60	MMMUT GORAKHPUR	YES
5	Muffle furnace	1	60	MMMUT GORAKHPUR	YES
6	Oven	1	60	MMMUT GORAKHPUR	YES

7	pH meter	2	60	MMMUT GORAKHPUR	
8	Respirable Dust Sampler	1	60	MMMUT GORAKHPUR	YES
9	UV-VIS Spectrophotometer	1	60	MMMUT GORAKHPUR	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, initialing, 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 **50** 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:

Delivery and Installation - 80% of total cost

Satisfactory Acceptance - 20% of total cost

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

1. You are requested to provide your offer latest by **15:00** hours on **8-August-2018**.

2. Detailed specifications of the items are at Annexure I.

3. Training Clause (if any) Demonstration and Training of all Equipment is necessary at our Site.

4. Testing/Installation Clause (if any) **Successful installation & Testing of equipment is must**

5. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

6. Certificates of manufactures/authorized dealers/agents must be attached with the quotation.

7. Copy/List of purchase orders of similar equipment/goods supplied to other reputed organizations should be attached with the quotations in support of quoted rates.

8. Sealed quotation to be submitted/ delivered at the address mentioned below,

The Registrar, M. M. M. University of Technology, Deoria Road, Gorakhpur – 273010

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

(Authorized Signatory)

Name & Designation

Annexure I

Sr. No	Item Name	Specifications
1	BOD measurement system	Capable of BOD measurement through direct display of BOD values in mg/1, test duration: able 5, 7 or 10 days, automatic storage of BOD values, measuring range: minimum upto 700 mg/ 1 BOD scoop, 50 nutrient buffer solution pillows, potassium hydroxide pellets, including all components, reagents and accessories, suitable to operate on 220/230 V A C supply along with necessary parts, catalogue, instruction/operation manual and other related accessories.
2	COD measurement system	COD digestion apparatus for the determination of Chemical Oxygen Demand, programmable temperature range:37 to 165 C, operating temperature: 10 to 45 C, programmable timer range: 0to 480 min. heating rate: 20 to 150 C in 10 min., temperature stability 1 C, stored programmes, COD 150 C 120min. TOC 105 C 120min., along with bulk reagents set for 300 tests, for lower (0 to 150 mg/l) higher range (0 to 1500 mg/l) of COD, suitable to operate on 220/230 V A C supply along with necessary parts, catalogue instruction/operation manual and other related accessories.
3	Electronic Balance	Single pan, minimum 200 g capacity, resolution/readability 0.1 mg, repeatability: 0.1 mg LCD display, calibration automatic, built in internal calibration with functions like initial calibration and auto calibration according to change in ambient temperature, external operating temp.: 15 to 35 C, response time: not more than 4 s, tare range. full, standard RS 232 C interface, ISO-GLP compliance, amenability to various weighing units, suitable to operate on 220/230 V A C supply along with necessary parts, catalogue, instrument/ operation manual and other related accessories.

4	Hg-Analyzer	<p>Hg Analy Specification: Hg Analyzer 1. The Hg analyzer shall be provided by Thermo Electron Corp. and have the following minimum specifications: Elemental Hg Measurement Range- 0-50 µg/m³ (effective range before dilution) Zero Noise- 1 ng/m³ (60 second average) Lower 2. Detectable Limit 1 ng/m³ (60 second average) 3. Zero Drift (24 hour)- 2 ng/m³ 4. Response Time 90 seconds (60 second average time) 5. Linearity +/- 1% of full scale 6. Sample Flow Rate 0.5 slpm 7. Interference Rejection (SO₂) 8.4x10⁸ : 1 SO₂ interference below LDL 8. Interference Rejection (NO_x) 4.2 x 10⁹ : 1 NO interference below LDL 9. Operating Temperature 5 – 40° C 10. Power Requirements 100 vac, 115 vac, 220-240 vac +/-10% @ 275W 11. Size and Weight 16.75”(W) x 8.62”(H) x 23”(D), 49 lbs. 425 mm (W) x 219 mm (H) x584 mm (D),22.2 kg 12. Outputs able Voltage, RS232/RS485, TCP/IP, 10 Status Relays, and power Fail Indication (standard), 0-20 or 4-20 mA Isolated Current Output (optional) 13. Inputs 16 Digital Inputs (standard), 8 0-10vdc Analog Inputs (optional) A. The analyzer shall be provided with a direct local display with readouts provided in diluted stack concentrations. Each analyzer shall provide an analog output to the system PLC, DAHS, or DCS. B. The analyzer shall be based on cold vapor atomic fluorescence technology C. The analyzer shall provide a true, real-time output d every 10 seconds in the total Hg mode D. The analyzer shall be a direct measurement instrument requiring no gases for sample transport. E. The analyzer must be capable of providing display of total Hg, elemental Hg, and ionic Hg</p>
5	Muffle furnace	<p>Muffle furnace rectangular (microprocessor based) having size 300x125x125 mm, light weight with ceramic fibre wool insulation, outer casing made of double walled thick P.C.R.C. sheet, painted with stove enamel, heating elements made of “KANTHAL” A-1 wire and backed by high temperature ceramic wool insulation, which avoids loss of energy, complete with thermal fuse, main lead with power plug, suitable to work on 220/230 volts A.C. fitted with Microprocessor based digital temperature indicator-cum-controller, maximum temperature 1200 C and working temperature 110 C along with necessary parts, catalogue, instruction/operation manual and other related accessories.</p>

6	Oven	Oven Universal Specification: Microprocessor controlled double walled unit (inner chamber having size 455x455x455mm, 125litres) with outer chamber made of M.S. sheet duly enamel painted with inner made up of anodized aluminium or S.S. sheet, the gap between inner and outer chamber filled with high grade glass wool to avoid thermal losses, beaded heating elements placed in ribs, at bottom and sides, inner chamber provided with ribs for adjusting perforated shelves to convenient height, temperature controlled by Microprocessor based digital temperature indicator controller from 50 C to 250 C+ 1 C, fitted with air circulation fan as a standard accessory, with mechanical timer, suitable to operate on 220/230 V A C. supply along with necessary parts, catalogue instruction/ operation manual and other related accessories.
7	pH meter	PH Meter Specification: Digital
8	Respirable Dust Sampler	Respirable Dust Sampler Specification: Respirable dust sampler along with gaseous sampling attachment for respirable dust sampler:flow rate 0.9-1.4 m3/min. free flow,particle size: particles of 10 micron and below collected on filter paper holder. SPM bigger than 10 microns collected in a separate sampling bottle under the cyclone, sampling time: 28 hrs. (max), sampling time record: 0 to 9999.99 hrs. Recorded on time totalizer, automatic sampling: 24 hrs programmable timer to automatically shut off the system after pre set time interval, voltage fluctuation and for gaseous sampling attachment: flow rate: 0.3 to 3LPM, accuracy : 2% of span, flow control: 4 inlet and 1 outlet with built in needle valves for flow control of each unit, sampling train: 4 nos. Of 35 ml borosilicate glass impingers, along with sealed packet of 100 sheets of GF/A filter papers (8,, X 10,, size), whatman made and spare glass impingers 4 nos., 35ml capacity, kit containing essential reagents for absorption and analysis of gaseous pollutants (SOx and NOx) sufficient for 100 monitorings.
9	UV-VIS Spectrophotometer	UV-VIS Spectrophotometer Specification: Covering the range 190-1100 nm, operating mode: transmittance (%) absorbance and concentration, spectral band width 2nm, with facility for automatic wavelength calibration, wavelength ion automatic and manual, wavelength resolution 1 nm and wavelength accuracy 1nm,

		graphical with touch screen display, with pre-installed and available user programmes and data storage, USB interface, suitable to operate on 220/230 V A C supply along with necessary parts, catalogue, instruction manual and other related accessories.
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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: _____