



DEAN FACULTY AFFAIRS (IPD, UD TEQIP-III, RTU KOTA)
UNIVERSITY DEPARTMENTS
RAJASTHAN TECHNICAL UNIVERSITY
RAWATBHATA ROAD, KOTA-324010 (RAJASTHAN)
(email id: teqiprtu@gmail.com)

INVITATION LETTER

Package Code: TEQIP-III/2019/RJ/ucek/93 | 1273-75
Package Name: Measurement Apparatus for CFD Lab

Current Date: 30-Aug-2019
Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR Measurement Apparatus for CFD 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	Humidity/moisture/density Instruments	1	RTU Kota	

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 60 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:

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
Satisfactory Delivery & Installation	30	90
Satisfactory Acceptance	30	10

10. Liquidated Damages will be applied as per the below:
 Liquidated Damages Per Day Min %: 0.01
 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 0.

12. You are requested to provide your offer latest by 17:00 hours on 13-Sep-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,

**CENTRAL DESPATCH (REGISTRAR OFFICE)
DEAN FA & IPD, UD TEQIP-III,
UNIVERSITY DEPARTMENTS
RAJASTHAN TECHNICAL UNIVERSITY
RAWATBHATA ROAD, KOTA-324010
(RAJASTHAN)**

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

DSI
31/08/19

(Authorized Signatory)

Name & Designation

**Institutional Project Director
TEQIP-III, UD, RTU, KOTA**

Annexure I

Sr. No	Item Name	Specifications
1	Humidity/moisture/density Instruments	<p>Detailed Requirements: Measurement of all IAQ-related parameters: Flow, temperature, humidity, pressure, illuminance, radiant heat, turbulence, CO2 and CO with high-precision, location-independent and integrated differential pressure sensor and high-quality digital probes and an intelligent calibration concept. The kit shall be able to comply with smart and intuitive measurement programs: - HVAC grid measurement in accordance with EN ISO 12599 and ASHRAE 111. - PMV/PPD in accordance with EN ISO 7730 and ASHRAE 55. - Draught and degree of turbulence in accordance with EN ISO 7730 and ASHRAE 55. - WBGT measurement in line with DIN 33403 and EN ISO 7243, NET measurement in accordance with DIN 33403.</p> <p>Technical Requirements:</p> <ol style="list-style-type: none"> 1) Pressure, NABL Calibration 2) Velocity, 1 - 10 m/s, 4, Point Calibration Certificate for thermal & vane anemometers traceable to PTB. 3) Humidity measuring instruments, data loggers & transmitters 25% - 100%RH at 25°C, 3 point NABL calibration certificate for Humidity Data-loggers & Multifunction instruments 4) CO2 / flue gas analyser - CO2 calibration Certificate for Flue Gas Analyser. 5) Temperature data-loggers (external sensor) 15°C, 65°C, 90°C, 3 Point Calibration per channel NABL Certificate for Temperature Data-logger. 6) Vane probe (ø 100 mm; 0,3m/s), BT. 7) Velocity 1 m/s, 2.5 m/s, 4 m/s, 10 m/s 4 Point Calibration Certificate for thermal & / or vane anemometers traceable to PTB. 8) Extendable telescope with 90° angle. 9) Lux probe 10) IAQ data-logger for long term measurements. 2) 3) Technical Specification IAQ data logger: IAQ data logger for long-term measurements including mains unit with USB cable and calibration protocol. Differential pressure (integrated) Measuring range -100 to +200 hPa Accuracy (±1 digit) ±(0.3 Pa ± 1% of m.v.) (0 to 25 hPa) ±(0.1 hPa + 1.5% of m.v.) (25.001 to 200 hPa) Resolution 0.001 hPa Absolute pressure (integrated) Measuring range -700 to +1100 hPa Accuracy (±1 digit) ±3 hPa Resolution 0.1 hPa Temperature NTC (with appropriate probe) Measuring range -40 to +150 °C Accuracy (±1 digit) ±0.2 °C (-25 to 74.9 °C) ±0.4 °C (-40 to -25.1 °C) ±0.4 °C (+75 to +99.9 °C) ±0.5% of m.v. (remaining meas. range) Resolution 0.1 °C Temperature TC type K (with appropriate probe)

		<p>Measuring range -200 to +1370 °C Accuracy (± 1 digit) $\pm(0.3\text{ }^{\circ}\text{C} + 0.1\%$ of m.v.) Resolution 0.1 °C General technical data Probe connections 4x Bluetooth®, 2x TUC*, 2x TC type K Interfaces Bluetooth®, WLAN, USB Operating temperature -5 to +45 °C Storage temperature -20 to +60 °C Power supply Rechargeable li-ion battery (5550 mAh) Battery life approx. 12 hrs continuous operation Display 5.0 inch HD touch display 1280 x 720 px resolution Camera Main camera: 8.0 MP Front camera: 5.0 MP Memory 2 GB (corresponds to approx. 1,000,000 readings) Protection standard class Approximate Dimensions 210 x 95 x 39 mm and Weight 500 g. Connection for the connection of fixed cable digital probes and NTC probes.</p>
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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							

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. _____



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Instructions for bidders for each procurement package under UD TEQIP-III

1. The packages are uploaded and the detail & specifications are provided for individual package as per the TEQIP-III norms.
2. The interested vendors are requested to check the website regularly for update/ modification/or any change in the terms and conditions or any other requirement.
3. **Envelope containing the quotations should be properly sealed and shall bear the "TEQIP-III Package name:..... and Code.....", on the front side of the envelope.**
4. In the event of the specified date for submission of quotations being declared a holiday, the quotations will be received up to 5:00 P.M on the next working day.
5. Any quotations received after the deadline for submission of quotations prescribed, will not be considered.
6. No credit will be given to earlier deliveries and quotations offering delivery beyond the stipulated delivery period will be treated as non-responsive.
7. The supplier shall seal the original copy of the quotations in envelopes, duly marking the envelopes with the address as mentioned below:
CENTRAL DESPATCH (REGISTRAR OFFICE)
DEAN FA & IPD, UD TEQIP-III,
UNIVERSITY DEPARTMENTS
RAJASTHAN TECHNICAL UNIVERSITY
RAWATBHATA ROAD, KOTA-324010
(RAJASTHAN)
8. Supplier must provide the contact details such as Contact Person, Complete address, Tel. No. / Mobile No. E-Mail ID, TAN No., TAX No, PAN No., GST No....etc.
9. All the taxes, levies, duties, AMC's and various overhead charges if any, shall be mentioned while submitting the offer strictly in the attached format.
10. Completion Certificates of past supplies, Warranty/ Defect Liability, Drawings, Dispute Resolution, Arbitration, Force Majeure, Historical data in relation to the tender like annual reports, turn over detail etc can be submitted with the quotations, as a supporting document.
11. The Prices Ex. RTU Kota should be quoted in Indian Rupees only.
12. Penalty for late delivery will be levied as per the RTU/TEQIP-III norms & conditions.
13. Award of contract notwithstanding the above mentioned conditions, UD TEQIP-III reserves the right to accept or reject any quotations/ package(s) to cancel the procurement packages and reject all quotations at any time prior to the award of contract.
14. Venue for Opening of quotations is Dean Faculty Affairs & Institute Project Director (IPD UD TEQIP-III), University Departments, Rajasthan Technical University, Kota – 324010,