

Centre for Renewable Energy and Materials
University of Kerala,
Kariavattom, Thiruvananthapuram-695581
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(Through Open Tender)

Ref: Tender. No/CREM/Equipment/PUR/10/2023

Sealed Quotations are invited from reputed/eligible firms/manufacturers for the supply and installation of the following item mentioned below:

Equipment Name: PORTABLE SPECTROPHOTOMETER

Quantity: 1 No.

Technical Specifications:

- (1) Illuminating/viewing system : d/8 (diffused illumination, 8-degree viewing angle)
- (2) Light source : LED
- (3) Measurement time: 1-2 sec.
- (4) Wavelength range: 400~700nm.
- (5) Observer : 2°/10°
- (6) Display Data : Spectral Value/Graph, Colorimetric Value, Color Difference Value/Graph, Result
- (7) Operating Temperature : 0~35°C
- (8) Storage temperature : 0~40°C
- (9) Battery performance : Li ion battery, Approx. 1000 measurements
- (10) Repeatability : within ΔE^*_{ab} 0.05 standard deviation (when the white calibration plate is measured 30 times at 5 seconds intervals)
- (11) Illuminant: D65,D50,A,C,D55
- (12) Colorimetric data : CIE LAB, XYZ, LCh
- (13) Accessory for powder test

Terms and Conditions

1. Incomplete & conditional quotations and quotations received after the due date will be summarily rejected without assigning any reasons thereof.

2. This Bid is two cover bid. Both Technical Bid and Financial Bid shall be submitted in same covers. The Bidder shall quote rate for each items in the BoQ. Incomplete BoQ is liable to be rejected.

3. The Bidder shall quote the price in clear terms and the specification of products. The rates quoted must be inclusive of all taxes, cost of supply at the site, warranty and installation charges etc.

4. The price should be quoted only in Indian rupees. The bid shall be typed and signed by the bidder. All the documents mentioned above shall be submitted without fail.

5. **Validity:** The Bid will be valid for 120 days from its date of opening. Further extension can be done by mutual consent.

6. **Delivery:** The item should be delivered at the Centre for Renewable Energy and Materials, University of Kerala, Kariavattom Campus.

7. **Installation and Commissioning:** The items shall be installed and commissioned at the Centre for Renewable Energy and Materials, University of Kerala, Kariavattom Campus. All incidental expenses should be borne by the supplier.

8. **Payment:** The University will release the payment only after inspecting the equipment and satisfy that the supply is as per the requirements. The payment will be made after successful completion of the supply and producing invoice in duplicate.

9. **Warranty/Guarantee:** The supplier shall guarantee to repair/replace the items or its part – if found defective within the **warranty period of 01 year**. The entire expenditure for repair/replace of the item in this regard shall be borne by the supplier.

10. **Service facility:** Supplier should mention their details of service setup and manpower in Trivandrum who are responsible for after sales service.

11. In case of the dispute arises, the decision of University authority shall be final and binding on bidders.

12. The undersigned reserves the right to reject or accept any or all the tenders received fully or partly without assigning any reason thereof.

13. General rules relating to the purchase of materials/equipment will also applicable to this tender.

14. Those who are interested should send their bid in a sealed cover superscribed with “**Quotation for Ref. No:** (.....) **Equipment Name:** (.....)” and addressed to Hon. Director, Centre for Renewable Energy and Materials, CLIF Annexe, Room No.45, University of Kerala, Kariavattom Campus, 695581, Thiruvananthapuram, Kerala.

15. Those firms who are interested to quote more than one instrument should sent individual quotations for each item separately.

16. The bids shall be opened at the office of the **Hon. Director, Centre for Renewable Energy and Materials, CLIF Annexe, Room No.45, University of Kerala, Kariavattom Campus** on the Date mentioned below. If the above date of opening tender happens to be on a holiday or due to any other valid reason, the tender opening process will be done on the next working day or the day fixed by the undersigned.

17. Intending tenderers may submit the quotations on their own papers. Late quotations will not be accepted. The quotations will be opened in the presence of such tenderers or their authorized representatives and officials who may be present that time.

Last Date of Receiving Tender/Bid Closing : 28/02/2023, 2.00 p.m

Date and Time of Opening Tender : 28/02/2023, 3.00 p.m

Sd/-

Hon. Director

Centre for Renewable Energy and Materials
University of Kerala