

Centre for Renewable Energy and Materials
Department of Chemistry Building
University of Kerala,
Kariavattom, Thiruvananthapuram-695581
Email:smashibli@yahoo.com

QUOTATION NOTICE

Competitive quotations are invited from reputed firms / manufactures for the supply, installation and commissioning of the following instruments / equipments as detailed below.

Tender Notification Date	: 21/01/2020
Last Date of Issuing Tender Document	: 05/02/2020
Last Date of Receiving Tender/Bid Closing	: 05/02/2020
Date and Time of Opening Tender	: 05/02/2020, 3.00 pm

Documents to be Submitted: Data sheet of the items and Compliance statement, Details of warranty, Address and details of the firm, Financial bid and any other relevant information.

Item No: 1

Ref. No. CREM/Eq/PUR/1/2020

Equipment Name: FLIR Thermal Imaging Camera with Image Storage and IR Lamp

Quantity: 1 No.

Technical Specifications

8GB Micro SD card, International charger (US, UK, EU, AU, CN), USB cable, Lanyard and Technical documentation

Thermal Resolution	: 80 × 60 px
Thermal Sensitivity	: 0.10 °C
Temperature Range	: -10 to 150 °C (14 to 302 °F)
Battery	: Rechargeable, Lithium-Ion
MSX Image Enhancement	: Yes
IR Lamp (1 No.) setting	: Approx. 10 W, Light Infrared, Shade adjustable, Five angle

Competent Laptop (1 No.) : 4 GB or above RAM, intel core i5 processor, latest specification with windows 7 or higher operating system, loaded with software for data collection and analysis

Item No: 2

Ref. No. CREM/Eq/PUR/2/2020

Equipment Name: Rectifier

Quantity: 1 No.

Technical Specifications

- 3 phase 0-32 V - 1000 A variable
- IGBT based and highly modular
- PLC controlled, HMI Interface
- RS485 connection (Optional)
- Digital LED display for voltage and current
- Resolution 0.1 V and 0.1 A $\pm 1\%$
- Anode and cathode bus bar connections
- Protection: High and low voltage connections, Phase fail, Short circuit and Over temperature

Tender Inviting Authority: Director, Centre for Renewable Energy and Materials, University of Kerala, Kariavattom Campus, Thriuvananthapuram, Kerala-695581.

Terms and Conditions

1. Incomplete & conditional quotations and quotations received after the due date will be summarily rejected without assigning any reasons thereof.
2. 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.
3. The price should be quoted only in Indian rupees. The bid shall be typed and signed by the bidder.

4. All the documents mentioned above shall be submitted without fail.

5. **Validity:** The Bid will be valid for 90 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. The entire expenditure for repair/ replace 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 any dispute arises, the decision of University authority shall be final and binding on the bidders.

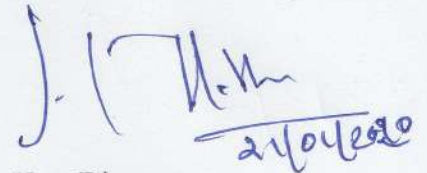
12. The undersigned reserves the right to reject or accept any or all the tenders received fully or partly without assigning any reason thereof.

13. General rules relating to the purchase of materials/equipments are 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 The Director, Centre for Renewable Energy and Materials, Department of Chemistry Building, University of Kerala, Kariavattom Campus, 695581, Thiruvananthapuram, Kerala.

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

16. The bids shall be opened at the office of the Director, Centre for Renewable Energy and Materials, University of Kerala, Kariavattom Campus on the Date mentioned above. 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.



Hon. Director

Centre for Renewable Energy
and Materials
University of Kerala

S.M.A. SHIBLI
Professor
Department of Chemistry
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Thiruvananthapuram - 695 581

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