

College of Engineering Trivandrum, Thiruvananthapuram

NOTICE INVITING TENDER (Re Tender)

I/163229/2024

01-11-2024

Tender No.	: 10/2024/P5/SIM/CSD
E-Tender ID	: 2024_DTE_672913_2
Superscription	:Purchase of Solar Simulator for Centre for Sustainable Development of this institution
Last date and time of receipt of tender on the website (www.etenders.kerala.gov.in)	: 18/11/2024 3 PM
Date and time of opening of tender	: 20/11/2024 11 AM
Date upto which the rates are to be firm	: 18/05/2025
Bidding fee	: Rs.2832/-(Rs.2400+18%GST) (Rs.2400/- should be paid to Department and 432/- should be paid to GST department by the bidder)
EMD required	: Rs.16,000/-
Address of the Officer to whom hard copy is to be send.	: THE PRINCIPAL, COLLEGE OF ENGINEERING TRIVANDRUM, THIRUVANANTHAPURAM-695016, KERALA GSTIN:32AAAGC0358L1ZP
Quantity	1

General conditions

- 1.The price quoted should be inclusive of all taxes, freight charges, unloading charges, installation and commissioning charges and should be furnished unambiguously.
- 2.Payment: 100 % after successful supply, installation, commissioning and demonstration.
- 3.Delivery Period: Maximum Delivery period will be 04-08 weeks from the date of receipt of P.O
4. Preliminary Agreement and tender form should be uploaded.

- 5.5% security deposit along with agreement should be furnished within a month/fortnight from the date of receipt of supply order.
- 6.Date of opening of tender: In case the proposed date declared as holiday, the tender will be opened on the next working day.
- 7.After E-Tendering the hard copy of all documents such as agreement, brochure, should be submitted before the opening date.
- 8.Only GST registered firms can participate in the Tender
9. Bidder should have sales and service center in Kerala for after-sales support, registration details must be provided.
10. Installation and training must be provided by the bidder
11. Seller/reseller must be OEM verified
12. Supplier must be ISO 9001-2015 certified.
13. Product must be CE-certified.
14. For Technical clarification and pre bid meeting if required please contact **9562097712**
15. **Warranty : Atleast One year on site warranty should be provided.**
16. Delivery Location : Department of Chemistry

NB: The Tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual.

The bidders should participate this tender through E-Tendering System. Tender cost and EMD should be submitted only through online. For more details Contact Ph.0471 2577088, 0471 2577188, 0471 257388, 0471 2515772

Specifications

1. Solar Simulator with spare lamp and a bladder for collecting hydrogen gas

300 W

Class AAA

Spot size: 25 mm (1") diameter at 1 sun

Working distance: 100-130mm (4-5") from exit port

Collimation: 1 degree half angle

Science tech Power Supply: (601-300) 300W Adjustable Power Supply with Touchscreen Control

Power Supply 230V AC 50 Hz

Air Mass AM1.5G Filter

Quartz Reaction vial

100mL, Quartz Sample Vial, External size: 40*115mm,

Including Center Hole Screw Cap

High-temperature stability (1100-1450°C, vial) and Chemical Resistance.

>80% Transmission from 260 nm to 2500 nm wavelength range

99.99% SiO₂ Purity

30ml, Quartz Sample Vial, External size: 28*72.5mm

Including Center Hole Screw cap and PTFE/Silicone

Septa, 1pc/ea

High-temperature stability (1100-1450°C, vial) and Chemical Resistance.

>80% Transmission from 260 nm to 2500 nm wavelength range

99.99% SiO₂ Purity

Spare Lamp Bulb, 300W Xenon Short Arc