**COLLEGE OF ENGINEERING TRIVANDRUM**
**Thiruvananthapuram -16**

# NOTICE INVITING TENDER

**No. P5/2428/24/CET** 18-10-2024

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| Tender ID | : 2024_DTE_690539_1 |
| Tender No: | : 30/P5/SPEC/24/CET |
| Superscription | : Purchase of Spectro Photometer in Centre for Sustainable Development |
| Last date and time of receipt of tender on the website (www.etenders.kerala.gov.in) | : 01/11/2024 3 pm |
| Date and time of opening of tender | : 04/11/2024 11.00 am |
| Date up to which the rates are to be firm | : 01/05/2025 |
| Tender Fee | : ₹ 590/-(500 + 18 % GST) |
| EMD required | : ₹ 2500/- |

**Item with Specifications :**

| Name of item | No. of items | Specifications |
|---|---|---|
| Spectro Photometer | 1 | •Type: UV-Visible Spectrophotometer<br>•Source: Deuterium lamp and tungsten halogen lamp<br>•Detector :One-Photodiode<br>•Grating :Holographic diffraction Grating -1200mm lines/mm<br>•Automatic function<br>1. Automatic lamp section<br>2. Automatic wavelength selection, filter selection<br>3. Automatic Dark correction<br>4. Automatic Cuvette Selection-Five position<br>•Range of operation<br>•Wavelength :190 nm to 1100nm<br>•Photometric Absorbance :Up to + 4.0 Abs<br>•Transmittance 0 to 100 %T<br>•Bandwidth :1.0 nm<br>•Resolution: 0.1 nm, 0.001 Abs & 0.1 %T<br>•Measurement mode: %T, |

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|---|---|---|
| | | Abs, Concentration (By K-factor, BY standard, or BY saved Standard), DNA and Protein analysis, Multicomponent analysis, Fluoride analysis, Nitrate analysis, Spectrum scan And Time Scan<br>•Path length :(Default) 10 mm path length, compatible with 20 mm, 40 mm, 50 mm & 100 mm<br>•Accuracy<br>•Wavelength ± 0.5 nm<br>•Absorbance ± 0.005 Abs<br>•Transmittance ± 0.5%T<br>•Display :In-built Display<br>•Operating system: Windows 10 or Higher<br>•Power supply :230 V± 20 volt and 50Hz<br>•Operating temperature :8 – 48 degree Celsius<br>•Operating humidity :40 to 85 %<br>•Accessories :2 number cuvette, pen drive, USB cable, Manuals<br>Warranty = 2 years |

General conditions

1. The unit price, all other charges such as delivery, transporting, packing, shipping, loading and unloading charges etc, and GST must be shown separately and should be furnished unambiguously.
2. Payment: 100 % after successful supply, installation, and satisfactory performance.
3. Delivery Period: Maximum Delivery period will be 60 days from the date of receipt of supply order.
4. The item should be supplied at **CSD, Mechanical Engineering of this institution**
5. The item should be have a minimum warranty of **2 Years**
6. 5% security deposit along with agreement should be furnished in Rs.220/- Kerala Stamp Paper within a month/fortnight from the date of receipt of supply order.
7. Date of opening of tender : In case the proposed date declared as holiday, the tender will be opened on the next working day.
8. Only GST registered firms can participate in the Tender. GST number must be mentioned. The firm under composition scheme must mention the words "Composition taxable person" in their documents and should submit proof for that.
9. After E-Tendering the hard copy of documents should be submitted . before the opening date.

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 2577388, 0471 2515760

Digitally Approved by
K SURESH
PRL CET

Signed by
K Suresh
Date: 18-10-2024 17:25:21

The document is digitally approved. Hence signature is not needed.