

**KANNUR UNIVERSITY**  
**(Purchase and Inventory Control Office 'A' Section)**

No. PICO-/A3/3162/2021

29.11.2022

**TENDER NOTICE**

Sealed tenders with superscription "Supply, installation, testing and commissioning of UV-VIS Spectrophotometer" are invited from eligible, reputed, and bonafide agencies for supply, installation, testing and commissioning of UV-VIS Spectrophotometer for the department of Botany, Mananthawady Campus, Wayanad as per the technical specifications and schedule given below

**TENDER SCHEDULE**

TENDER NOTICE NO	PICO/A3/3162/2021
NAME OF WORK	Supply, installation, testing and commissioning of UV-VIS Spectrophotometer
TENDER SUBMISSION FEE	1120/-(Including GST)
MODE OF PAYMENT	Demand Draft
BID SUBMISSION END DATE AND TIME	13.12.2022, 2 PM
BID OPENING DATE AND TIME	13.12.2022, 3 PM

**TECHNICAL SPECIFICATION**

SL NO	DESCRIPTION	QUANTITY
1	<p><b>Optical System</b> : Double Beam UV, VIS <b>Wavelength Range</b> : 190-1100 nm or broader <b>Light source</b> : Xenon Flash Lamp with minimum 3 years warranty <b>Wavelength Accuracy:</b> <math>\pm 0.5</math> nm, Repeatability <math>&lt; \pm 0.2</math> nm <b>Scan Speed</b> : Slow, medium and fast modes <b>Wavelength Data Resolution:</b> 0.1 nm, 0.2 nm, 0.5 nm, 1 nm, 2 nm, 5 nm <b>Photometric Rang</b> : <math>-2A</math> to <math>+3.5A</math> or better <b>Photometric Accuracy</b> : <math>\pm 0.002A</math> at <math>0.5A \pm 0.004A</math> at <math>1.0A</math> <math>\pm 0.008A</math> at <math>2.0A</math> or better <b>Photometric Repeatability:</b> <math>\pm 0.001A</math> at <math>1A</math> or better <b>Photometric Display</b> : <math>-3A</math> to <math>5.0A</math> <b>Noise</b> : <math>\leq 0.00020A</math> at <math>0A</math> at <math>260</math> and <math>500</math> nm <math>\leq 0.00030A</math> at <math>1A</math> at <math>260</math> and <math>500</math> nm <math>\leq 0.00040A</math> at <math>2A</math> at <math>260</math> and <math>500</math> nm <b>Drift:</b> <math>&lt; 0.0005A/H</math></p>	

<p><b>Stray Light</b> : &lt; 1.0%T 198 nm (KCl), &lt;0.05%T at 220 nm (NaI), &lt;0.03%T at 340 nm (NaNO<sub>2</sub>)</p> <p><b>Baseline Flatness</b>: ±0.002A or better</p> <p><b>Detector</b> : Dual Silicon Photodiodes</p> <p><b>Accessories</b> : Minimum 2 Quartz cuvette</p> <p>Installation and training: Free of cost Installation, Training and demonstration at site</p> <p><b>Touch screen display</b> for data input and output in English language: 7-inch color, preferably tiltable, with minimum resolution 800 × 1280 pixels</p> <p><b>Sample Compartment</b> : Minimum 8-position cell changer</p> <p><b>Preferred connectivity</b> : USB A for data storage and Printer, Ethernet and Wi-Fi</p> <p><b>Power Requirements</b> : 100–240 volts AC</p> <p><b>Warranty required</b> : minimum 3 years of warranty</p>	1No.
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### **Terms and Conditions**

The acceptance of tenders will be subject to the following conditions:

1. A sum of **Rs.1000+ 120/- (GST (12%))** towards the cost of tender forms and a **sum equivalent to 1% (rounded to nearest rupee and subject to a minimum of 1500/- ) of the total cost of article tendered for, towards EMD**, should be remitted by way of Demand Draft drawn in favour of the Finance Officer, Kannur University payable at SBI South Bazar Branch or Kannur Branch of other Nationalized or Scheduled bank.
2. The bid shall contain detailed technical specifications, Brochures and pamphlets of item quoted.
3. All the claimed specifications (make, model, year of manufacture, warranty etc) should be mentioned in the Brochure or Catalogue of the equipment
4. The tenderer should send along with his tender an agreement executed and signed in **Kerala Stamp Paper** of value of **Rs. 200/-(Rupees Two Hundred Only)**
5. The rate quoted should be inclusive of GST and all other charges, if any. The base rate, GST charges and other charges, if any, should be furnished separately.
6. The firm shall have valid GST registration and shall furnish the copy of registration certificate along with tender documents
7. The tenderers shall keep their rate firm for a period of **three months**
8. The successful tenderer shall, before signing the agreement and within the period specified in the letter of acceptance of his tender, deposit a sum equivalent to **5% of the value of the contract** by way of Demand Draft drawn in favour of the Finance Officer, Kannur University payable at SBI South Bazar Branch or Kannur Branch of other Nationalized or Scheduled bank, **as security** for the satisfactory fulfillment of the contract. The amount remitted as EMD will be adjusted towards

security deposit, in respect of accepted tender.

9.The Registrar, Kannur University reserves the right to accept or reject the tenders and to trade or not to trade the old stores, without assigning any reason.

10.The installation, commissioning and the initial operation will be the responsibility of the supplier.

**GSTIN 32AAAGK0152J1ZT**

sd/-  
REGISTRAR (i/c)

To

1. Notice Board
2. PA to Registrar
3. Official Web site