

UNIVERSITY OF CALICUT
DEPARTMENT OF BOTANY

216302/BOTSO/2017/Admn[13]

Calicut University PO dt 09.03.2018

Tender Notice

Sealed superscribed competitive tenders [2 bid system] are invited by the Head, Department of Botany, University of Calicut for the purchase of UV Spectrophotometer for the Department of Botany. Details of

tenders, specifications of equipment, terms and conditions, General conditions are listed below.

Details of tender:- Tender No216302/BOT-SO/2017/Admn [13] dt 09.03.2018

Department Department of Botany

Name of equipment UV Spectrophotometer

Last date and time for the receipt of the tender 24.03.2018 4 pm

Date and time for opening the tender 28.03 2018 11 am

Designation and address of officer to whom the tender is to be addressed Head, Department of Botany, University of Calicut, Calicut University P O, Malappuram-673635 Contact No 0494-2407407

Date upto which rates are to be firm maximum 6 months

Superscription Tender for the supply of UV Spectrophotometer No216302/BOT-SO/2017/Admn [13] dt 09.03.2018

Specifications:-

1. UV-VIS SPECTROPHOTOMETER along with a latest desktop

Features

Light path design: double beam

Long path light design: 520mm long light path design and the bandwidth should reach 0.5nm.

16mm optical base

6 inches LCD display

Powerful software functions: Multi functions like spectrum scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein testing can be operated directly on the spectrophotometer and all corresponding curves and data can be displayed directly on the PC.

Multi functions on spectrophotometer: Multi functions operated directly on the spectrophotometer and display the test results' curve and data: wavelength scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein test.

Perfect calibration system: All baseline, wavelength, dark current can be calibrated automatically to keep good running conditions.

Data output: equipped with USB port to connect with a PC, the software comes standard with the instrument. Optical System

Double Beam(1200 Lines/mm
Grating)
Wavelength Range 190-1100nm
Bandwidth 0.5,1.0, 2.0, 4.0 nm
Wavelength Accuracy ± 0.1 nm
Wavelength
Repeatability 0.1nm
Photometric Accuracy ± 0.005 Abs
Photometric
Repeatability ± 0.002 Abs
Photometric Range ± 4 Abs
Stability ± 0.001 A/h @ 500nm
Baseline Flatness ± 0.0015 Abs
Noise ± 0.00005 Abs
Stray Light $\leq 0.02\%$ @ 220nm,360nm
Data Output Port USB
Printer Port Parallel Port
Display 320*240 Dots LCD
Lamps D2 Lamp & W Lamp
Detector Silicon Photodiode
Power Requirements AC 220V/50Hz or 110V/60Hz
Dimension 625*430*206mm
Weight 32kg
Standard Accessories

Item Description Quantity Unit

1 Spectrophotometer 1 set
2 1 cm glass cuvettes 2 pcs
3 1cm quartz
cuvettes 2 pcs
4 Power cord 1 pc
5 User's Manual 1 pc
6 Dust Cover 1 pc
7 Software 1 pc

Terms and conditions

- 1) The bidder should mention the make and model number.
- 2) The bidder should attach the technical data sheet of the product being quoted.
- 3) The bidder should be an OEM or OEM authorised partner and the copy of the authorisation letter should be attached.
- 4) The bidder should have local presence with service centre in Kerala.

General conditions:-

1. The tender form can be downloaded from the university website [www.universityofcalicut.info] for which separate demand drafts should enclosed.
2. The first part [technical bid] is to contain the relevant technical specifications and allied commercial data as required in terms of the tender enquiry documents and the second part [financial bid] should contain only the price quotation. The technical bid and the financial bid should be sealed by the tenderer in separate covers duly superscribed and both these covers are to be put

in a bigger cover which should also be sealed and superscribed.

3. Sealed tenders with cost of tender form Rs 896/- and EMD for Rs 4000/- seperately drawn in favour of the Finance Officer, University of Calicut should be submitted to the Head of the Department , Department of Botany. The Demand drafts of tender cost & EMD should be enclosed with technical bid.

4. The bidder should have GST registration and the copy of the certificate in this regard shall invariably be attached with the tender documents. The rate quoted should be inclusive of all charges including taxes, installation charges, freight and delivery charges, etc if any. The base rate, GST and other charges if any should be shown seperately in the tender.

5. The equipment shall be delivered within 10 days after receiving the supply order.

6 The tenders received late will be rejected without further notice. The firms which has been blacklisted already are not eligible to apply.

7 All Kerala Government rules related will be applicable to the tender