

Quotations are invited for the following instrument from the manufactures/authorised suppliers

Instrument :UV VISIBLE SPECTROPHOTOMETER

(as per the below given details and specifications)

Features: Should have methods on USB memory stick, 6-position cell holder, 3-position cell holder, 1-position cell holder made up of quartz, user documentation, dust cover, USB cable, and 110 V and 220 V power cords. There should be two cuvetts – one for reference material and the other for the sample.

Specifications

Optical Design	Dual beam—internal reference detector
Spectral Bandwidth	1.8 nm
Light Source (Typical Lifetime)	Xenon flash lamp (5 years)
Detector	Dual silicon photodiodes
Wavelength Range	190 to 1100 nm
Accuracy	±1.0 nm
Repeatability	±0.5 nm
Slew Speed	11,000 nm/min
Scanning Speed	10 to 4,200 nm/min
Data Interval	0.2, 0.5, 1.0, 2.0, 3.0, 5.0 nm
Photometric Measurement Modes	Absorbance, % transmittance, concentration
Range	-0.5 to 5.0 A ; -1.5 to 125 %T ; ±9999 C
Linearity	Up to 3.5 A at 260 nm
Accuracy	±0.005 A at 1.0 A, <0.00025 at 0.0 A
Noise	<0.00050 at 1.0 A, <0.00080 at 2.0 A RMS at 260 nm
Drift	<0.0005 A/hr
Stray Light	<0.08 %T at 220 nm and 340 nm, <0.1 %T at 340 nm and 400 nm, <1.0 %T at 198 nm
Display	Graphical with LCD backlight— 9.7 x 7.1 cm (3.8 x 2.8 in)
Keypad	Sealed membrane with tactile response keys
Connectivity	USB type A port for USB stick (front panel), USB type B port for computer (rear panel), USB type A port for printer (rear panel)
Power Requirement	100 to 240 V ; 50 to 60 Hz
Cuvet	There should be two cuvet holders, one for reference material and the other for the sample

TERMS & CONDITIONS

Delivery : At Kariavattom Campus
Rate : Inclusive of tax
Payment : by demand draft or Cheque

Interested parties may submit their quotations on or before 4pm of 30th October 2017 to the following address:

**Co-ordinator
International and Inter University Centre for Natural Resources Management
University of Kerala
Kariavattom campus
Trivandrum 695 581**