

Scottish Church College
1 & 3 Urquhart Square Kolkata -700 006

Notice for quotation

Ref: Tender Estate/SCC /12/2021-22 Dated 03/03/2022

Contact: Dr. Partha Halder (M:9038376928)

Appropriate quotation is invited in sealed cover from eligible bidders' /suppliers/ vendors for purchasing of a standalone double beam US-VIS Spectrophotometer with 08 cell according to the following specification..

SL. No.	Description	Qty	Total Price (INR)
01	<p>Double beam UV-VIS Spectrophotometer with variable spectral bandwidth suitable for chemical , biochemical and laboratory applications as well as routine applications such as quantitative analysis, kinetics, wavelength scan, multiple components</p> <p>1- Optical System : Double beam blazed with holographic grating of 1200 lines / mm</p> <p>2- Light source: Tungsten Lamp and D2 Lamp</p> <p>3- Lamp Interchange: Automatic</p> <p>4- Spectral Bandwidth : Variable , 0.5nm to 4 nm or better</p> <p>5- Wavelength Range: 190 -1100 nm</p> <p>6- Wavelength Accuracy: ± 0.1 nm @ 656.1 nm or better</p> <p>7- Wavelength Repeatability : 0.1 nm or better</p> <p>8- Wavelength setting and display : 0.1 nm or better</p> <p>9- Scanning speed : 2 to 3000nm /min variable or better</p> <p>10-Photometric Range: ± 4 Abs</p> <p>11-Photometric Accuracy : 0.5A ± 0.002A or better</p> <p>12- Noise : 0.000016 Abs at RMS @ 500 or Better</p> <p>13-drift : <0.0002 Abs/ Hr. @ 500nm or better</p> <p>14- Baseline flatness :± 0.0005A or better</p>	01	



	<p>15- Stray light : $\leq 0.02\%$ or less</p> <p>16- Photometric Mode : Photometry, Quantitation, Spectrum, Kinetics</p> <p>17- Detector: Silicon photodiode</p> <p>18- Liquid Sample Holder : Sample holder with automatic 08 cell changer for multiple sample analysis</p> <p>19- Operation: Inbuilt LCD backlit display for standalone operation with local control software includes functionals such as: Photometry, Quantitative, wavelength scan, Kinetics, DNA/Protein, Multi- wavelength test and system utilities not requiring extra PC for Control.</p> <p>20- Software: Suitable software for connecting PC in future</p> <p>21 -Interface: USB, RS232</p> <p>22 - Instrument should be supplied with one pair 10mm quartz cuvette of 3.5 ml capacity</p>		
Total			

This quotation is to be addressed to the Principal , Scottish Church College and has to be submitted to the Principal's office in Scottish Church College , at 1 & 3 Urquhart Square , Kolkata – 700 006, on prescribed working day between 11:00 A.M. and 3:00 P.M. The bid / tender may be submitted from 03/03/2022 & close on 10/03/2022. The Selection /opening will be made at the Principal's office at 11:00 A.M. on 15/03/2022.

The Authority of the College reserves the right / discretion for selection based on experience, amount, quality of the bid & bidder.

Madhumanjari Mandal
 Dr. Madhumanjari Mandal
 Principal
 Principal
 Scottish Church College
 Kolkata

3/3/22

