



DEPARTMENT OF PHARMACEUTICAL SCIENCES
Rashtrasant Tukadoji Maharaj Nagpur University
(Accredited by NAAC, Bengaluru)



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Ref. No.UDPS//806

Date: 23/9/24

Call for Quotation.

Department of Pharmaceutical Sciences Rashtrasant Tukadoji Maharaj Nagpur University invites ex-stock sealed quotation for **supply** of following items on terms and condition mentioned below

Sr.No.	Particulars with Specifications make etc.	Approx Qty
01	<u>UV-Vis Spectrophotometer Specifications</u> 1. True double beam design with reference and sample holders as standard. 2. The spectrophotometer must be able to operate as a stand-alone instrument and also able to operate using a PC. 3. Data obtained on the stand-alone system can be transferred via USB memory to be read directly on a PC using MS spreadsheet 4. Wavelength range of 190 to 1100nm 5. Spectral bandwidth: 1nm or smaller 6. Wavelength display: 0.1nm increments 7. Wavelength setting: 0.1nm increments 8. Wavelength accuracy: ± 0.05 nm at D2 peak 656.1 nm, ± 0.3 nm for entire range 9. Wavelength repeatability: ± 0.025 nm for entire range 10. Wavelength slew rate: Approx. 29,000 nm/min 11. Wavelength scanning speed: 3.000 to 2nm/min 12. Stray light: less than 0.004% at 220nm (NaI) and 340nm (NaNO₂), Less than 0.15% at 198nm (KCl) 13. Photometric system: double beam optics type 14. Photometric range: from -4 Abs to 4Abs a. Transmittance range: from 0% to 400%T 15. Photometric accuracy: ± 0.0015 Abs (0.5Abs)/ ± 0.002 Abs (1.0 Abs)/ ± 0.004 Abs (2.0 Abs) 16. Photometric repeatability: less than ± 0.00002 Abs (at 0.5 Abs) and ± 0.00003 (at 1.0Abs)/ Less than ± 0.00007 Abs (at 2.0 Abs) 17. Baseline stability: less than ± 0.0002 Abs/hr. at 700nm a. (one hour after light source turned ON) 18. Baseline flatness: within ± 0.0003 Abs (190 ~ 1100nm , one hour after light source turned ON) 19. Noise level: less than 0.00001 Abs RMS value 20. Light source: halogen lamp and deuterium lamp/ (with built in light source automatic position adjustment) 21. Monochromator: constructed of Lo-Ray-Light grade blazed holographic grating in aberration-corrected Czerny-Turner mounting 22. Detector: silicone photodiode	01

23. Built-in for USB Interface
24. **Network Connectivity Function:** Data can be transferred to a PC via a network, wireless printing, multiple UV units can print from a single printer.
25. **Sleep Mode and Wakeup Function:** Analysis can start the instant the user arrives at the laboratory in the morning. The instrument requires no time to warm up.
26. Compatible Branded PC with Licenced Windows 10 Professional, English 64 bit version, 500GB hard drive, RAM 8 GB DDR3, LAN port with Monitor and Suitable Laserjet Printer
27. Warranty of total 1 year should be provided by vendor.
28. Should have engineer locally based at nagpur for quick service and address with contact details to be shared in offer, otherwise will be rejected.

(Quantity may vary depending on requirements and availability of funds).

Note: -

1. All rates should be quoted exclusive of all taxes and F. O. R. destination. (Please mention all the terms & conditions clearly and separately about taxes etc).
2. Payment will be made only against delivery, verification and satisfaction of the work.
3. Quotations should reach to the office of the undersigned on or before, 07 October 2024 Quotations will be opened on 08 October 2024 at 02.00 p.m.
4. Right to reject all or any quotation without assigning any reason thereof is reserved with the Head of the Dept.

5 **List of document required with Quotations**

1. Income tax clearance certificate (2023-2024)
2. Sales tax certificate (GST)
3. Registration certificate of Establishment
4. Government of Maharashtra Mumbai shop and society Act. 1948 (Form -D)
5. PAN Registration certificate
6. We need GST Certificate from your side
7. Thanking you,

[Signature]
HEAD

Yours faithfully
Department of Pharmaceutical Sciences
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Nagpur-440033