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Request for submission of quotation for “UV-Visible Spectrophotometer”

Sealed quotation(s) are required on or before 4th september, 2012 latest by 5.00 pm with all technical specifications as mentioned below.

1. **Wavelength range = preferably from 180 to 1400 nm (UV, Visible and Near IR region)**
2. **Light source = Xenon or Deuterium or Tungsten lamp (One or more energy sources which will preferably cover specified wavelength range)**
3. **Wavelength accuracy : ± 0.1 nm**
4. **Wavelength repeatability : ± 0.05 nm**
**[Please mention all information regarding accuracy, reproducibility and repeatability of instrument with respect to wavelength and photometric analysis]
5. **Information about Monochromator with respect to material used and grating**
6. **Photometric range = ± 5 Abs**
7. **Variable spectral bandwidth = Preferably between 0.1 to 5 nm**
8. **Separate lines indicating stray light limit, scan rate, slew rate and signal to noise ratio etc.**
9. **Photometric mode : Absorbance (Abs), Transmittance (%), Reflectance (%), Energy (E)**
10. **Detector = suitable to detect signal at any of specified wavelength range and capable of coping up with low concentration and high concentration (turbid/hazy) solutions**
**[Please mention \pm concentration limit ideal for analysis]
11. **Software for running the instrument and for analysis purpose**
12. **List of accessories (such as nanodrop) which would improve performance of spectrophotometer should be mentioned with respective price in separate.**

Please provide detailed description of all the parts of the system. Also provide separate lines for **initial price** and **discounted price**, **time** required for delivery and **minimum days of validity** for quotation. Also mention the **warranty period** for the instrument along with maintenance schedule.

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