

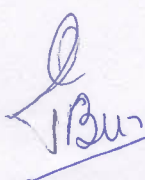
Quotation for Nanodrop Spectrophotometer

Sealed quotations (technical and financial bids to be submitted separately) are invited from original equipment manufacturer or their authorised representatives for purchase of Nanodrop Spectrophotometer with specifications given below:

1. The system provide facility of the comparative measurement of DNA/RNA/Protein with minimum sample size of 1 μ l.
2. The unit should provide wavelength range of 190-850 nm (wavelength accuracy of $\pm$ 1 nm) or better with pathlength of 0.03 to 1 nm or appropriate.
3. Light Source: Xenon flash lamp.
4. Detector Type: 2048-element linear silicon CCD array or appropriate.
5. Spectral Resolution: <1.8 nm (FWHM @Hg 254 nm) or better.
6. Absorbance Accuracy: $\pm$ 3% (at 0.97 absorbance at 302 nm)
7. Absorbance Range: Pedestal-0-550 A (10 mm equivalent) Cuvette: 0-1.5 A
8. The detection limit Detection limit; minimum concentration (dsDNA): Pedestal: 2 ng/ μ l dsDNA, Cuvett :0.2 ng/ μ l; Protein: Pedestal: 0.06 mg/ml, Cuvette: 0.006 (0.003) mg/mL; Maximum concentration, Pedestal (dsDNA): 27,000 ng/ μ l, Protein: 820 mg/ml
9. Measurement time: < 10 seconds
10. Integrated touch screen: colour display, android/windows/apple based programme with appropriate Processor.
11. Internal storage: 32 GB flash memory or better.
12. Windows based user-friendly software with ten preconfigured modules and method editor should be offered with the quote to display data in graphical and numerical forms.
13. Electric requirements: Indian standards.
14. Appropriate branded computer/laptop and printer should be offered as optional items.
15. The participating vendor should have proven after sales service record and trained manpower. List of installations (preferably in the NCR region) should be provided.
16. Warranty: Minimum two years warranty should be included with the offer.
17. Prices should include transportation, customs clearance (if required) and on-site installation.
18. On-site demonstration of the instrument may be required.

Last date for submission of quotation : **3rd February 2016**

The sealed quotations should be addressed to: The Head, Department of Genetics, University of Delhi South Campus, Benito Juarez Road, New Delhi 110021


19/1/16

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