

राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान, कोलकाता

औषधीय विभाग, रसायन एवं उर्वरक मंत्रालय, भारत सरकार

National Institute of Pharmaceutical Education and Research, Kolkata

Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Govt. of India

Chunilal Bhawan, 168, Maniktala Main Road, Kolkata-700054 West Bengal.

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(Establishments, Purchase & Stores Department)

P-20/23/1/2018/NK(Various equip.)/Vol-3

Date: 1st June, 2018

Notice Inviting Quotation

Sealed quotations are invited from reliable vendor for supply and installation of MICROVOLUME SPECTROPHOTOMETER for research purpose.

Instrument/ Equipment	Qty.	Price in INR inclusive of all
Microvolume UV-VIS Spectrophotometer with following specifications:- <ul style="list-style-type: none">• The instrument should have both Pedestal as well as cuvette sampling option.• The instrument should have the technology of sample retention that allows a sample to be pipetted directly onto an optical measurement surface. The system should use inherent surface tension to hold micro-volume sample in place during the measurement cycle. Once the measurement is complete, the surfaces are should be wiped with a lint-free lab wipe.• Wavelength Range: 190-850 nm or better• Minimum Sample Size: 1.0 µL• Pathlength: 0.030 to 1.0 mm auto-ranging• Light Source: Xenon flash lamp• Detector Type: 2048-element linear silicon CMOS.• Wavelength Accuracy: ±1 nm• Spectral Resolution: <1.8 nm (FWHM @Hg 2 53.7 nm)• Dynamic range: : 0.2 - 27,500 (ng / µL dsDNA) or better• Maximum Concentration: 27,500 ng/µL (dsDNA) or better• Measurement Time: 8 seconds or better• The system should have the feature of contamination identification & bubble detection to ensure measurement integrity.• There must internal storage system of the spectrophotometer.• The system should have high resolution integrated touch screen.• One pair of quartz cuvette should be included• System should be offered with two years warranty.• Stirring for cuvette option : 9 speeds options.• Software : Software should have feature to identify the contaminants in the sample and report a corrected sample concentration. It should also detect the bubbles and other anomalies in the sample column. Software should provide instant feedback about sample quality with on-demand technical support for guided troubleshooting.• Application Support : Nucleic Acid A260, A260/A280, A260/A230 and Labeled Nucleic Acids; Protein A280 and A205, Protein Pierce 660, Protein Bradford, Protein BCA, Protein Lowry, Labeled Proteins, OD600, Kinetics, UV-Vis, and Custom Methods.	01 (One)	

The quotation(s) should be addressed to Registrar, National Institute of Pharmaceutical Education and Research (NIPER), Chunilal Bhawan, 168, Maniktala Main Road, Kolkata-700054 in the prescribed format along with and EMD (2% of Quoted price) in favour of NIPER-Kolkata on or before 21st June, 2018.

Registrar