



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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Supply and Commissioning of Different Medical Equipments for The Department of Clinical Immunology and Rheumatology, IPGME&R-SSKM Hospital

(Submission of Bid through *online*)

(2ND CALL of WBMSCL/NIT-334/2025, Dated-24.04.2025)

Bid Reference No.: WBMSCL/NIT-155/2026

Dated- 13.02.2026

AMENDMENT-II

Revised Technical Specification

Schedule-I

Nano-Drop Spectrophotometer

1. The instrument should have photometric reading capability and be able to read 6-48, 96 & 384 microwell plate format & cuvette.
2. Should be able run as a standalone system with a computer or be able to run with computer-controlled software (licence free).
3. Analysis Software supplied should be supplied with an unlimited user license.
4. Should be able to read endpoint, kinetics, spectral scanning and Kinetic spectral scan.
5. The instrument can provide a wavelength range from 200nm to 1000nm with 1 nm steps.
6. Spectral scanning speed: 10 sec from 200 to 1000 nm with 1 nm steps per sample.
7. Performance Specifications: Bandwidth: $\leq 3 \text{ nm}$ or better and Xenon flash lamp life should be for 10 million 96 well microplates.
8. The instrument should have inbuilt incubation and shaking options for longer kinetic assays etc.
9. Spectral scanning speed of 200 to 1000nm should be 10 sec. or less.
10. Measurement speed should be $\leq 10 \text{ sec.}$ for 96 wells or less
11. Visualize data in both numerical mode and heat-map/virtual image of the plate.

12. The instrument should be able to read at least 16 low-volume samples of 2µl using a volume analysis plate in case of DNA/RNA purity & concentration check-in directly with standalone mode to quantify DNA/ RNA integrity & Quality fluorometrically.
13. Software should allow multiple absorbance reading steps within the same program i.e. in case of two sets of readings before and after adding the compounds.
14. Database-based software to run backups of all data and restore backup data (in case of hardware failure of an original computer).
15. Should have an area selection option, for different measuring parameters for various areas in the same plate.
16. Data export should be pdf, excel, XML and note format.
17. One data handling system compatible with the system should be provided.
18. The bidder should supply a desktop with a configuration as follows:
 - Processor: i5 or equivalent
 - Ram: 8 GB(DDR4)
 - SSD: 1 TB
 - Display size: 21 inch or more
 - Windows 11, 64 bit professional (Original OS)