

Revised Chapter 4

CPP TENDER ID: 2023_CSIR_170044_1 Dtd 07.10.2023

PUR/IICT/DMS/866/23-24

CORRIGENDUM I

REVISED/AMENDED SPECIFICATIONS FOR SUPPLY INSTALLATION COMMISSIONING OF MULTIMODE PLATE READER

The following corrigendum is issued to above mentioned tender for supply of "Multimode Plate Reader"

The revised technical specifications are as below

4.5 Warranty:

36 Months comprehensive onsite warranty from the date of successful installation and final acceptance of the supplied system by CSIR-IICT user.

Chapter 4 of the Original Tender Document stands substituted with this revised chapter 4 (Corrigendum I). Bidders are requested to take a note of these changes.

Technical Specifications of Multimode Reader:

S. No	Original Specifications	Amended Specifications
1	Monochromatic-based spectrophotometer with multiple parameters should be Compact bench-type modular with the following essential features.	
	The reader should be capable of measuring Absorbance, Fluorescence Intensity Top and Bottom, reading TRF, FRET, and Glow Luminescence, upgradable to an upright vertical cuvette port, Nano-quantification plate, Luminescence Flash with Dual Dispenser for Kinetic studies using Injection mode for all chemistries.	The reader should be capable of measuring Absorbance, Fluorescence Intensity Top and Bottom, reading TRF, FRET, and Glow Luminescence, and Capable of Kinetic studies. Nano-quantification plates should be provided for protein and nucleic acid quantification. The system should come with a cuvette port/holder and a minimum of 2 (no.s) cuvettes.
	System should be provided with Dedicated Optic and Detection modules, for each chemistry Absorbance, Fluorescence and Luminescence.	The system should be provided with Dedicated Optics/detectors for each chemistry Absorbance, Fluorescence and Luminescence.

2	Absorbance Mode:	
	Wavelength ranges from 230 nm to 1000nm with 1nm Increment in absorbance mode. With reading capability both in Plates and cuvettes.	Wavelength ranges from 250 nm to 900 nm or better with a 1nm Increment in absorbance mode, with reading capability both in Plates and cuvettes.
	Dedicated Silicon Photodiode Detector.	Dedicated Photodiode Detector.
	Wavelength Accuracy of 0.5 nm and linearity of 4 OD.	Photometric range: 0-4 OD
3	Fluorescence Mode:	
	Wavelength - Excitation 230-850 nm Emission 280-850 nm with Monochromator.	Wavelength - Excitation 250-850 nm Emission 280-850 nm with Monochromator.
3	Luminescence Mode:	
	Detector – Low Dark Current PMT	Detector –PMT
	The reader should perform wavelength scanning and dual color luminescence.	The reader should perform wavelength scanning
4	Future upgradation capability for the following applications	
	Vertical cuvette read out	Removed
5	Essential Accessories:	No change
6	AMC	
		3 years AMC after the expiry of warranty period.

Bidders may please take note of the above changes and submit their quotations accordingly. All other technical specifications including due date of bid submission remain unchanged.


Stores & Purchase Officer

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