CPP TENDER ID: 2023_CSIR_166707_1

PUR/IICT/DMS/526/23-24

CORRIGENDUM

REVISED/AMENDED SPECIFICATIONS FOR SUPPLY INSTALLATION COMMISSIONING OF MULTIMODE READER

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

Technical Specifications of Multimode reader:

Sr No	Original Specifications	Amended Specifications
1	Microplate reader with true Dual Double Monochromator for Absorbance, Fluorescence, Luminescence, TRF and FRET without filter and Lamp Source as Xenon Flash lamp and dedicated detector for all three module.	**Microplate reader with true Dual Double Monochromator for Absorbance, Fluorescence, Luminescence, TRF and FRET without filter and Lamp Source as Xenon Flash lamp**
2	Capable of Endpoint Kinetics.	No change
3	System should be fully open for different reagent/kit manufactures.	No change
4	Micro plate type: 6-384 well plate.	No change
5	Temperature control: 5 degree above ambient to 42 deg. C or better	No change
6	System to have dedicated detector for each mode.	No change
7	System to have Automated Z Focus for optimal signal integration in Fluorescence Reading.	No change
8	System must come with cuvette adapter which can hold upto 4 cuvette at same time	No change
9	Low Volume quantification plate with 16 channels quartz optic tool with 2ng/ul sensitivity (detection in both absorbance and Fluorescence) should be supplied	No change
10	i5 PC with 8 GB RAM and 1TB HDD along with a laserjet color printer.	No change
	Absorbance Mode:	
11	Wavelength selection: Dual double monochromator.	No change
12	Wavelength range: 230-1000nm or better with 1nm increment.	**Wavelength range: 230-900 nm or better with 1 nm increment.**
13	Light source: Xenon flash lamp.	No change
14	Photometric range: 0-4 OD.	No change
15	Detector: UV silicon photodiode.	**Detector: photodiode.**
16	Maximum plate height with lid is 23 mm, PCR plates, cuvettes(both upright and horizontal) and low volume quantification plates	No change
	Fluorescence Mode:	
17	Reading capabilities for top and bottom of Microplate	No change

18	Detector; PMT, UV and red-sensitive	No change
19	Range: Ex 230-850 nm or better, Em 280-850nm or better.	**Range: Ex 250-850 nm or better, Em 250-850 nm or better.**
20	Wavelength selection; 1.0 nm increments	No change
21	Time Resolved Fluorescence through Monochromator (Primary mode) without filter cassette	No change
22	FRET Assay without filter cassette must be perform at the time of installation	No change
	Luminescence Mode: (Primary mode)	
23	Wavelength Range:-380 to 600nm in primary mode	No change
24	Dynamic Range:- 10^8 Logs	**Dynamic Range: > 10^6 Logs**
25	Detector:- Photon counting system with low dark current PMT	**Detector:- PMT**
	Three years warranty on the equipment	No change
		Certifications: Should be CE certified

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

14.09.23

Controller of Stores & Purchase

CSIR-IICT