



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

MATERIALS MANAGEMENT DIVISION

Powai, Mumbai - 400076

29th June, 2022

Corrigendum –I

For (PR No. 1000023409) RfX No. 6100001115

High Performance Liquid chromatography System with accessories

Sr. No.	Online RfX Clause	Previous Clause	Changed Clause
1.	Bid submission End Date/Date & Time of submission (Online RfX clause)	29.06.2022 at 13.00	08.07.2022 at 13.00
2.	Bid Opening Date & Time (Online RfX clause)	29.06.2022 at 15.00	08.07.2022 at 15.00

2. Photodiode Array (PDA) Detector: (Previous Technical specification)

Parameter	Specifications
wavelength range	190 nm - 800 nm or better
photo-diode array detector	1024 elements
Detector slit width	variable for high resolution as well as high sensitivity
standard flow cell	12 μ l. volume, 10 mm path length & 12 MPa
flow cell temperature setting	19°C to 50°C
Wavelength accuracy	± 1 nm
wavelength precision	± 0.1 nm
UV light source	deuterium lamp [D2]

Visible light source	Tungsten lamp [W]
Light source selection	flexible to select D2, W or both [D2 + W]
Drift	0.4×10^{-3} AU/h or better
Noise	4.5×10^{-6} AU or better
Linearity	equal or more than 2.5 AU (ASTM method)
aligning mechanism light sources & cell	self-aligning mechanism
Accessibility of light sources and cell	accessible from the front for easy maintenance

Instead of PDA detector, We are asking UV Detector

1. UV Detector: (Changed Technical Specifications)

1. The wavelength range should be 190 nm - 700 nm or better
2. Spectral bandwidth should be 8 nm or better
3. A standard flow cell of 12 μ L volume, 10mm path length with 12 MPa should be available
4. The flow cell should have temperature control from 5°C above ambient to 50°C
5. Wavelength accuracy should be ± 1 nm & wavelength precision should be ± 0.1 nm
6. A deuterium lamp [D2] should be available as Light Source for entire wavelength range
7. The Drift should be 1×10^{-4} AU/h or better
8. The Noise should be 0.5×10^{-5} AU or better
9. Linearity should be equal or more than 2.5 AU (ASTM method)
10. Self-aligning mechanism for the light sources and cell
11. Light sources and cell should be accessible from the front for easy maintenance

for *Sahankar*
Assistant Registrar

Materials Management Division

N.S. Bhalerao