Date: 29-09-2025

CORRIGENDUM FOR REVISED SPECIFICATIONS

Tender Enquiry No: CDFD/PUR/GTE/P-322/2025-26/IND0298, dated 03-09-2025

CPP Tender ID: 2025_MST_812252 _1

Subject: Procurement of Automated Protein Purification System FPLC with attachments suitable PC, Cold Cabinet and Columns

Sl No	Previous specification	Revised Specification
1	The system should be inert biocompatible system for all purification and development work from microgram to gram scale.	The system should be inert biocompatible system for all purification and development work from microgram to gram scale
2	The system should deliver flow rate of 0.001 mL/min to 10-25 mL/min or higher with a flow rate accuracy of ±2%, and pressure limit of 25 Mpa.	The system should deliver flow rate of 0.001 mL/min to 10-25 mL/min or higher with a flow rate accuracy of ±2%, and pressure limit of above 20Mpa
3	System pump should be binary, of piston make, must be capable of delivering solutions/mixtures with viscosity between 0.5 to 10.8 cP and have proper mixer module with magnetic stirrer to generate gradient	System pump should be binary, of piston make, must be capable of delivering solutions/mixtures with viscosity between 0.5 to 10.8 cP and have proper mixer module with magnetic stirrer to generate gradient
4	System should be touch screen enabled, modular and upgradeable to include hardware components to suit user applications	System should be modular and upgradeable to include hardware components to suit user applications
5	The system must be equipped with a conductivity monitor capable of reading in the range 0.01-999.9 mS/cm with an accuracy of ±2%	The system must be equipped with a conductivity monitor capable of reading in the range 0.01-999.9 mS/cm with an accuracy of ±2%
6	System should have the capability of running with automatic pressure-flow modulation option	System should have the capability of running with automatic pressure-flow modulation option
7	The UV lamp should come with minimal warmup time and come with 5 mm analytical flow cell	The UV lamp should come with minimal warmup time and come with 5 mm analytical flow cell
8	The detector should allow simultaneous detection of 4 wavelengths between 190-800 nm	The detector should allow simultaneous detection of 3 or more wavelengths between 190-800 nm
9	The UV module of the system must be able to read absorbance range from -6 to +3000 mAU; with linearity of ± 5% within 0 to 2500 mAU and can be turned off when desired	The UV module of the system must be able to read absorbance range from -6 to +3000 mAU; with linearity of ± 5% within 0 to 2500 mAU and can be turned off when desired

10	The system should be supplied with a XY fraction collector with - Adequate protection from spillage with drop sync upto 2 ml/min - Ability to accommodate tubes of 1.5, 2, 15, 50 ml. - Ability of automatic detection of cassette type by the sensor - Automatic peak recognition using control software. - Fraction collector should be capable of being used in time, volume or peak recognition mode	The system should be supplied with a XY fraction collector with - Adequate protection from spillage with drop sync upto 2 ml/min - Ability to accommodate tubes of 1.5, 2, 15, 50 ml. - Ability of automatic detection of cassette type by the sensor - Automatic peak recognition using control software. - Fraction collector should be capable of being used in time, volume or peak recognition mode
11	System must be capable of automated sample injection with option of loop selection for different sample volumes	System must be capable of automated sample injection with option of loop selection for different sample volumes
12	The software should be capable of manual run as well as user defined, and pre-defined method runs. External design of experiment package should be available	The software should be capable of manual run as well as user defined, and pre-defined method runs
13	The software must have a detailed evaluation segment for peak integration, evaluation, peak smoothening, peak offset adjustment, peak overlay comparison of results and automated quantification of peak fractions	The software must have a detailed evaluation segment for peak integration, evaluation, peak smoothening, peak offset adjustment, peak overlay comparison of results and automated quantification of peak fractions
14	The software should come with inbuilt library with prepacked column information; it should be able to import data file from other FPLC platforms, can perform column performance test as an inbuilt function phase	The software should come with inbuilt library with prepacked column information; it should be able to import data file from other FPLC platforms, can perform column performance test as an inbuilt function phase
15	The system should have upgradable modular capability to be integrated using I/O box with third party Detectors and Auto samplers	The system should have upgradable modular capability to be integrated using I/O box with third party Detectors and Auto samplers
16	Software should have unlimited user installations, freely upgradeable to support latest features along with free firmware upgrade	Software should have unlimited user installations, freely upgradeable to support latest features along with free firmware upgrade
17	Large and small volume sample loops of volumes 100ul, 250ul, 500ul, 1ml, 2ml and 5ml should be provided along with instrument	Large and small volume sample loops of volumes 100ul, 250ul, 500ul, 1ml, 2ml and 5ml should be provided along with instrument
18	Tubing's, ferrules, connectors etc. should be provided with the system	Tubing's, ferrules, connectors etc. should be provided with the system
19	The cold cabinet and the Monitor along with CPU and printer should be included with the FPLC-system	The cold cabinet and the Monitor along with CPU and printer should be included with the FPLC-system
20	16/600 Supredex 200pg column and 16/60 Sephacryl-300 column should be provided with the FPLC-system	Prepacked gel-filtration column capable of resolving the molecular weight of range between 10000 to 600000 and 10000-1500000 Da should be provided with the FPLC-system

21	MBP Trap 5ml, HisTrap 5ml, and GSTTrap 5ml columns should be provided with the FPLC-system	MBP Affinity column 5ml, His Affinity 5ml, and GST Affinity 5ml columns should be provided with the FPLC-system