Pre-Bid Meeting (01-08-2025)

Tender: 4/5(56)25-Pur Supply and installation of UPLC/UHPLC System with PDA and ELSD Detectors

The Pre-Bid Meeting for the Supply and installation of UPLC/UHPLC System with PDA and ELSD Detectors (Tender: 4/5(56)25), scheduled on 01-08-2025, witnessed physical participation from Spincotech Pvt. Ltd., and after discussion, this firm has submitted one query *via* email (copies attached). The queries have been addressed (responses attached), and one point in the technical specifications have been revised accordingly.

Please find attached queries, responses, and the updated technical specifications to proceed with the tender process further.

Query from Spincotech Pvt. Ltd.: Below Amendment Request for Change in Specifications for your UHPLC System with PDA and ELSD Detectors Tender

We request you to kindly consider the above Amendment from our side.

S.No.	Modules	Current Tender Specifications	Amendment in Specifications Requested
4.	PDA Detector	noise: ≤4.0 × 10-6 AU or better	Kindly Please Amend as noise: ≤4.5 × 10-6AU or better

Response: The suggested specification point has been updated as requested by the firm.

Summary of changes made after the Pre-bid meeting

S.No.	Tender specification	Revised Specification
5	The system should have a Photodiode Array Detector (PDA) with wavelength range: 190-640 nm or better, wavelength accuracy: ≤ ±1 nm or better, noise: ≤4.0 × 10^{-6} AU or better, drift: 0.5 x 10-3 AU/hr or better, data acquisition rate up to 100 Hz or better, deuterium lamp or better light source:.	The system should have a Photodiode Array Detector (PDA) with wavelength range: 190-640 nm or better, wavelength accuracy: ≤ ±1 nm or better, noise: ≤4.5 × 10^{-6} AU or better, drift: 0.5 x 10-3 AU/hr or better, data acquisition rate up to 100 Hz or better, deuterium lamp or better light source.

04/08/2025
I/O

04/08/25
Member

04/08/2025
Member

4/8/2025
Chairman

Revised Specifications of UPLC/UHPLC System with PDA and ELSD Detectors after the Pre-bid meeting

1	The system should have a solvent delivery unit with a binary pump having maximum pressure capacity of ≥18,000 psi, supporting up to 2 mL/min flow rate at maximum pressure, flow rate range: 0.001-2.0 mL/min or better with accuracy: ±1% or better and precision: 0.070% RSD/0.02 min SD or better, a compatible gradient mixer, pH range: 1-12 or better.
2	The system should have an autosampler with sample cooler range: 4 - 40 °C or better, sample capacity: ≥110 vials (1.5mL) or better, injection volume: 0.1 - 40 µL or better, carryover: < 0.004% or better, pressure range: ≥18,000 psi or better.
3	The system should have an online vacuum degasser with 4 channels or more.
4	The system should have a column compartment with a temperature range: 10°C below room temperature to 85°C or better, temperature accuracy: ± 0.8 °C or better, and precision: ± 0.1°C or better, Capacity: 6 × 100 mm or better, safety functions, including leak sensors and high-temperature cut-off, should be available.
5	The system should have a Photodiode Array Detector (PDA) with wavelength range: 190-640 nm or better, wavelength accuracy: ≤ ±1 nm or better, noise: ≤4.5×10^{-6} AU or better, drift: 0.5×10^{-3} AU/hr or better, data acquisition rate up to 100 Hz or better, deuterium lamp or better light source:.
6	The system should have an Evaporative Light Scattering Detector (ELSD) with flow range: 0.2 to 2.5 mL/min or better, LED/Laser light source, photomultiplier tube or better detector, temperature range ambient + 5 to 80 °C or better, nebulizer for analytical flows with tubing. Gas Requirements: Nitrogen.
7	Branded compatible nitrogen gas generator having an inbuilt compressor with a flow up to 10 LPM, pressure up to 100 psi, purity up to 99.5 % or better, along with all necessary accessories to make the ELSD detector functional.
8	A Genuine 21 CFR compliance and 32/64-bit Windows/iOS compatible software capable of doing real-time monitoring, system control, and provide customizable reports. Software must be installed in a company-supplied PC (Windows/Mac) with the latest compatible operating system (professional) and latest processor, 32 GB RAM, 2 TB SSD, 32" LED monitor, wireless keyboard & mouse, headphones, a minimum 4 GB graphics card, a built-in Wi-Fi card, or better.
9	The software must support real-time triggers for automated actions such as fault detection, leakage alerts, start/stop, wavelength switching, injection control, and enable custom calculations and method development.
10	One C_{18} analytical column (dimensions of 150 mm × 2.1 mm, ≤ 2µm) with a guard column; Two C_{18} analytical columns (dimensions of 100 mm × 2.1 mm, ≤ 2µm) with a guard column, One chiral column (dimensions of 150 mm × 2.1 mm ≤ 2µm) with a guard column. Column keeping cabinet to keep a minimum of ten columns at a time.
11	Compatible four solvent bottles (1 L, capped for tubing), HPLC vial packs (1000 units), tubing kits, couplers (2 units), spare tubing compatible with the operating pressure, and syringe filters (1000 units).
12	Solvent filtration unit with vacuum pump [Oil-free, chemical-resistant diaphragm vacuum pump with ≤5 mbar vacuum, ≥20 L/min flow rate, PTFE wetted parts, and compatible tubing for solvent filtration or better] and 100 filters.
13	A temperature controllable and noise-free sonicator of a capacity of at least 5L or better for sample and mobile phase preparation.
14	A 14-16" Laptop with the latest operating system (Windows/Mac) and the latest processor, RAM 24 GB, SSD 512 GB with installed licensed offline data analysis software for post-run data analysis.
15	Two 2 TB SSDs (external) or better for data transfer and archival.
16	One auto-duplex laser printer with multifunction capabilities (print/scan/copy), built-in Wi-Fi connectivity.

04/08/2025 04/08/25 4/8/2025

17	A two-ton capacity energy-efficient dual split inverter air conditioner (all weather) compliant with a 5-star energy efficiency rating.
18	Two branded anti-vibration tables for keeping the complete system, along with two branded chairs.
19	10 KVA IGBT-based online UPS with isolation transformer, with a minimum 30-minute backup, must be supplied along with consumables required for necessary fitting.
20	The system should have a five-year comprehensive warranty for the complete system, including all consumables and spare parts, one PM kit per year (complete system including gas generator), and calibration of the equipment, including both detectors (as per NABL requirements) every year during the warranty period.
21	Post-warranty, the vendor must ensure the availability and supply of all consumables and spare parts required for the complete functioning of the instrument for a minimum period of five years.
22	The system should be installed by a certified engineer of the firm.

04/08/2025 04/08/25 4/8/2025