



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND
RESEARCH THIRUVANANTHAPURAM [IISERTVM]**

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GST No.32AAAJI0299R1ZS

Date 6.03.2026

IISER/PUR/2338/AK/SC/25-26

CORRIGENDUM

No: IISER/PUR/2338/AK/SC/25-

Sub: Supply and installation of High Performance Liquid Chromatography reg.

Ref: GEM ID: GEM/2026/B/7285867 dt.3.03.2026

1. The revised technical specification is attached to the above mentioned tender document at Annexure 1
2. All other Terms and Conditions remain the same. Bidders may quote accordingly

Thanking You,

Yours Faithfully

Anwar Sadath
6/3/26

Assistant Registrar (P&S)

Annexure 1

Specifications for HPLC (Normal Phase, analytical)

Quaternary pump	<ul style="list-style-type: none"> The flow rate setting range: 0.001 to 10 ml/min Flow rate accuracy should be less than $\pm 1\%$ Flow rate precision should be less than $\pm 0.07\%$ RSD Inbuilt degasser should be available for 4 channels The maximum pressure setting range 5800 Psi or more Composition accuracy 1% or better Composition precision below 0.2% or better It should have Leak Sensor It should have mobile phase reservoir tray along with 5 nos of 1L bottles Should have all provision to run normal phase applications
Auto-Sampler	<ul style="list-style-type: none"> The auto-sampler must have a capacity to hold more than 60 samples with 1.5 or 2 ml vial capacity Sample injection volume should be variable between 0.1 μl to 100 μl Carry over should be 0.01% or less Injection volume accuracy 1% or less injection precision: less than 0.3% RSD or less Safety features like leak sensor, etc.
Column Oven	<ul style="list-style-type: none"> The temperature range: 4 to 80 $^{\circ}$C Temperature control precision should be ± 0.1 $^{\circ}$C or better Temperature stability should be ± 0.1 $^{\circ}$C Column capacity: Up to 30 cm column, should accommodate 2 or more columns Safety features like leak sensor, etc.
Photo Diode Array (PDA) Detector	<ul style="list-style-type: none"> Wavelength range: 190 nm to 800 nm or more Wavelength accuracy: ± 1 nm or better Slit width: 1, 4, 8 nm or better No of Diode Elements: 1024 Diodes Light Source: Deuterium and Tungsten Lamp Wavelength reproducibility: ± 0.1 nm Drift: 4×10^{-4} AU/Hour Noise level: $\pm 0.5 \times 10^{-3}$ AU or better Linearity: 2.0 AU or more
Consumables and spares	<ul style="list-style-type: none"> C 18 Column 4.6 x 250mm, 5 micron - 1 No C 8 Column 4.6 x 250mm, 5 micron - 1 No Appropriate maintenance tool and accessories for the HPLC should be provided, including connecting capillaries, tubing kit, communication cable, HPLC vials, internal standard for calibration, etc.
Software, Data Management System, Computer and Printer	<ul style="list-style-type: none"> Original software with perpetual license Data Report: Shall be customizable Branded PC with Original OS and Antivirus Protection Minimum 16 GB RAM & 1TB Storage Latest Core i5 or better processor, 2.4GHz or better 21" LED monitor or better A compatible branded LaserJet Printer (Black)



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Warranty	<ul style="list-style-type: none">• 3 years warranty and the warranty period for the instrument (along with the supplied accessories) must start from the date of installation.
Other Requirements	<ul style="list-style-type: none">• All components of the HPLC System should be from the same supplier and software integrated.• No of Installation in India should be 10 or more. List of organizations with contact details should be provided.• Bidder should submit performance certificates from 5 Government organizations.• Installation, demonstration and training on operation, application, calibration and trouble-shooting of the equipment shall be provided by supplier without any additional cost.• Shipping, handling and any other shipping related charges should be quoted separately.• Along with the technical details provide a tabular column indicating whether the model of the equipment to be supplied by you meets the above mentioned specifications/requirements by indicating "Yes" or "No". If "Yes" support the claim by providing original brochures or catalogs or published data.

