



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

PH.-0471 2597454,
FAX: 0471-2597427
EMAIL: purchasestores@iisertvm.ac.in

CET CAMPUS, ENGINEERING COLLEGE. P.O
THIRUVANANTHAPURAM 695016,
KERALA, INDIA

Date: 17/05/2017

ADDENDUM-II TO IFT NO

No: IISER/PUR/9527/16

Sub: Supply of Preparative HPLC.

The Technical Specifications of the above referred IFT is hereby replaced/Amended with the Annexure I (enclosed herewith) instead of existing.

Also, please note that the Due date for submitting quotation is extended to 15th June 2017 [4PM].

Date of Opening Quotation is 16th June 2017 [3PM].

All other T&C of the IFT remains unchanged

Thanking You,

Yours Faithfully

Deputy Registrar (I/C)
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Specification for preparative HPLC

General

All components of the preparative HPLC system should be manufactured, supplied and installed by a single vendor to provide a seamless integration.

Should be a modular Preparative HPLC with field upgradeable facility.

The vendor should have minimum of ten installations in India. At least 10 years spares support need to be provided.

The warranty period for the instrument (along with the supplied accessories) must start from the date of installation).

Along with the technical details provide a tabular column indicating whether the model of the equipment to be supplied by you meets the below mentioned specifications including the general by indicating "Yes" or "No". If "Yes" support the claim by providing original brochures or catalogs or published data.

Optional items should be quoted as individual optional items

Shipping, handling and any other shipping related charges should be quoted separately

Preparative pump

Flow rate range:	0.01 to 150 mL/min or better
Pressure range:	5000 psi or better
Flow accuracy:	±1.0% of required/selected flow
Pump:	Binary

UV Detector

Source:	Deuterium Lamp
Wavelength range:	190 - 700 nm or better
Wavelength accuracy:	±1 nm or better
Linearity:	≤5%
Drift:	≤ 9 x 10 ⁻⁴ AU/h
Sampling rate:	80 Hz

ELSD

Temperature range:	25-90 °C or better
Flow rate:	300-3000 µL/min or better
Operating gas pressure:	anywhere between 60 to 100 psi
Digital output:	80 Hz
Analog output:	Yes with full scale value
Communication:	Serial (RS232)

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Injector

Type: Manual
Sample loop volume: 10 mL

Fraction collector: Should be offered.

Software

Software for acquisition and data analysis should be offered. Should be compatible with windows 7 or newer windows or any open source operating system. A compatible computer, monitor (≥ 21 inch) and laser printer.

Manufacturer

Pump, UV, ELSD Detector, Fraction collector: Is all manufactured by the same vendor?

Optional items

Columns

Numbers of columns: two (different achiral columns)
internal diameter ID: ≥ 0.7 cm
Particle size: $5\mu\text{m}$
Porosity: 120 \AA
Length: between 10-25cm

Chiral column: One compatible chiral column

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