



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

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Date: 21st July 2016

ADDENDUM TO TENDER NO

No: IISER/PUR/8174/RR/SC/16

Sub: Supply of HPLC.

**The Invitation to Tender for HPLC the specifications changed as per
Annexure I:**


**Due date for submitting quotation is extended to 16th August 2016
[4PM].**

Date of Opening Quotation is 17th August 2016[3PM].

Other terms and conditions of our invitation for bids remain same.

Thanking You,

Yours Faithfully


Sudin B. Babu
Asst. Registrar
[General Admn]

General

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

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

PUMP

Flow range : 0.001 to 10 ml/min or better

Flow rate accuracy: 1% or better

Flow rate precision: $\leq 0.07\%$ RSD

Pressure tolerance: ≥ 6300 Psi

Degassing unit: four or more channels

Column compartment

Temperature range: 4 to 80 °C or better

Temperature precision: 0.1 °C or better

Column switching: should be included to select from software without manual swap

Storage capacity: ≥ 3 columns of 25 cm length

Auto sampler (can be quoted as integral or optional)

Injection volume range: 0.1 to 100 μ l

Injection precision: $\leq 0.3\%$ RSD (5 to 100 μ l or better)

Number of vials capacity: ≥ 30

Carry over: $\leq 0.005\%$

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.



Either one of the following detector or both can be quoted (as integral or optional)

UV Detector

Source: Deuterium Lamp

Wavelength range: 190 - 600 nm or better

Wavelength accuracy: 1 nm or better

Wavelength precision: 0.1 nm or better

Noise: $\leq 0.5 \times 10^{-5}$ AU

Drift: $\leq 1 \times 10^{-4}$ AU/h

Diode Array Detector

Photodiodes: 512 diodes or better

Slit width: 8 nm or better

Light source: Deuterium and Tungsten

Wavelength range: 190nm to 800nm or better

Flow cell: 10- μ L volume, with 10mm path length or better

Wavelength accuracy: ± 1 nm

Drift : 0.9×10^{-3} AU/hr at 254 nm or better

Optional items

A compatible computer and monitor



Assistant- Registrar
(Cent. Admn)