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Date: 20th December 2016

ADDENDUM TO TENDER NO

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

Sub: Supply of HPLC.

The technical specifications of above referred tender for the supply of HPLC is hereby amended as per Annexure I:

Due date for submitting quotation is extended to 03rd January 2017 [4PM].

Date of Opening Quotation is 04th January 2017[3PM].

Interested vendors may please submit tenders towards the revised specifications. Those who already submitted, may revise the quotes accordingly, if needed.

If the quote is revised, institute will open & consider only the revised quote and the initially submitted offers will be sent back without opening.

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

Thanking You,

Yours Faithfully

Deputy. Registrar(I/C)
[Purchase & Stores]

HPLC

General

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

Should be a modular 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

Quaternary pump

Flow range : 0.01 to 10 mL/min in 0.001 mL/min increments or better

Flow rate accuracy: $\pm 1\%$ or better

Flow rate precision: $\leq 0.075\%$ RSD

Pressure tolerance: ≥ 5000 Psi

Degassing unit: four or more channels

Composition precision: $< 0.2\%$ RSD

Composition range: 0 to 100% in 0.1% increments or better

Delay volume: 600-900 μL or better

Column compartment

Temperature range: 4 to 65 $^{\circ}\text{C}$ in 1 $^{\circ}\text{C}$ increments or better

Storage capacity: ≥ 3 columns

Automatic Column switching (should be quoted as optional)

Number of columns can switch between: 2 or 3 or 4

Column valve and valve drive: should be included (Software should support)

Auto sampler

Injection volume range: 0.1 to 100 μl

Injection precision: $\leq 0.5\%$ RSD

Number of vials capacity: ≥ 100

Carry over: $\leq 0.01\%$

Diode Array Detector

Photodiodes: 512 diodes or better

Wavelength range: 190nm to 800nm or better

Linear range: $\leq 5\%$ at 2 AU

Wavelength accuracy: ± 1 nm

Drift : $\leq 1.0 \times 10^{-3}$ AU/hr at 254 nm

Noise : $\leq 1.0 \times 10^{-5}$ AU at 254

Band/Diode width : ≤ 1.2 nm

Flow cell: 8.4 μ L volume or better

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.

Optional items (may be quoted as integral or optional)

A compatible computer and monitor