



## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH

PUNE

CLARIFICATION ON TENDER NUMBER - IISER-PUR-0757-16

ITEM DESCRIPTION- PROCUREMENT OF AUTOMATED QUATERNARY HIGH PERFORMANCE LIQUID CHROMATOGRAPHIC SYSTEM

Refer our Press Tender Notice No.IISER/S&P/11/2016 dated 03.10.2016 for procurement of Automated Quaternary High Performance Liquid Chromatographic System. Tender Reference Number - IISER-PUR-0757-16.

Pre-Bid meeting was held on October 14<sup>th</sup>, 2016 at 04.00 PM and minutes of meeting is as under.

At the outset, the Chairman welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the Project and thereafter requested Assistant Registrar (S&P) to brief the vendors on the salient features of the commercial terms and the indenting Officer to read out the clarification sought by the Prospective Bidders and replied thereto as detailed in Annexure -II

The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of IISER Pune and all the Prospective Bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents.

The other terms & conditions of the notice issued on our IISER website [www.iiserpune.ac .in](http://www.iiserpune.ac.in) will remain unchanged. No more correspondence in this regard will be entertained

The meeting ended with vote of thanks to the Chair

14.10.2016

Sd/-  
Assistant Registrar (S&P)



## IISER PUNE

**PRE-BID CONFERENCE FOR PROCUREMENT OF AUTOMATED QUATERNARY HIGH PERFORMANCE LIQUID CHROMATOGRAPHIC SYSTEM**

**TECHNICAL QUERIES AND CLARIFICATION**

TENDER NUMBER - IISER-PUR-0757-16

DATE : 14.10.16

| S.No | Query/Clarification Sought   | Clarification / Amendment   |
|------|--|---|
| 1    | Page No - 24, Chapter 4:<br>I Solvent delivery system: Does 'stackable' meant that all the modules must necessarily fit one on top of the other?                     | No; fitting one top of the other is not essential.  |
| 2    | Page No -24, Chapter 4<br>II Thermostatted column compartment: Size of column to be accommodated in the thermostatted column compartment - does it have to be 30 cm. | Yes; Both the guard column and the C18 column have to be accommodated in the thermostatted compartment. |

|   |  |   |
|---|--|---|
| 3 | <p>Page No - 25 , Chapter 4</p> <p>III Autosampler: Does the maximum pressure operating range have to be 8600 psi or better?</p>                 | <p>Yes, the small ID columns in use causes high back pressures. Operating range at or above 8600 psi is required.</p>   |
| 4 | <p>IV Diode Array UV-Vis detector: Page No - 25, Chapter - 4</p> <p>Does the detector have to contain 1024 element diode array?</p>              | <p>Yes; a 1024 element diode array is required by the end-user.</p>   |
| 5 | <p>IV Diode Array UV-Vis detector: Page No - 25, Chapter - 4</p> <p>Does the instrument need to have 1,2,4,8, 16 nm programmable slit width?</p> | <p>Applications such as monitoring small molecules with very similar spectra qualitatively will require higher spectral resolution. But for quantitative analyses, better signal to noise will be needed. Hence, a wide range of slit widths will be needed.</p>  |
| 6 | <p>IV Diode Array UV-Vis detector: Page No - 25, Chapter - 4</p> <p>Wavelength range - does it have to be 190 to 900 nm?</p>                     | <p>190-800 nM will be acceptable. 190-900 nM is preferred.</p>  |
| 7 | <p>IX Others: Page No - 26, Chapter - 4</p> <p>Details of columns</p>  | <p>Columns:</p> <ol style="list-style-type: none"> <li>1) C-18 Analytical, 1.8 <math>\mu</math>M Particle Approximate Size; 50 X 3.0 (Length X ID in mm) with appropriate guard column.</li> <li>2) C-18 Analytical, 3-5 <math>\mu</math>M Particle Approximate Size; 150 X 4.5 (Length X ID in mm) with appropriate guard column.</li> <li>3) C-18 Semi-Preparative, 5 <math>\mu</math>M Particle Approximate Size; 250 X 20 ( Length X ID in mm) with appropriate guard column.</li> <li>4) Anion exchange column, Approximate Size; 250 X 5 ( Length X ID in mm) with</li> </ol> |

|    |                    |  |
|----|--------------------|--|
|    |                    | appropriate guard column.  |
| 8  | Warranty           | 3 Years Comprehensive Warranty on system, computers and columns.                                       |
| 9  | Toolbox            | Toolbox with implements and consumables for routine maintenance.                                       |
| 10 | Solvent Filtration | Pump and Filtration assembly for filtering organic and aqueous solvents. 0.45 and 0.22 micron filters. |
| 11 | Desktop Computer   | 8 GB RAM, 1 TB hard Disk, Intel Core i5, Screen Size 18.5.   |



IISER PUNE

**PRE-BID CONFERENCE FOR PROCUREMENT OF AUTOMATED QUATERNARY HIGH  
PERFORMANCE LIQUID CHROMATOGRAPHIC SYSTEM**

**COMMERCIAL QUERIES AND CLARIFICATION**

TENDER NUMBER - IISER-PUR-0757-16

DATE : 14.10.16

| S.No | Query/Clarification Sought | Clarification / Amendment |
|------|----------------------------|---------------------------|
|      |                            |                           |
|      | -----NIL-----              | -----NIL-----             |
|      |                            |                           |
|      |                            |                           |
|      |                            |                           |