



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

CLARIFICATION ON TENDER NUMBER - IISER-PUR-1061-20

ITEM DESCRIPTION- PROCUREMENT OF AUTOMATED FLASH CUM PREPARATIVE HPLC CHROMATOGRAPHY SYSTEM

Refer IISER Pune tender notice dated 20/04/2021 for procurement of Automated Flash cum preparative HPLC chromatography system

Pre-Bid meeting was held on April 30th, 2021 at 2.00 PM via video conferencing 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

30.4.2021

Assistant Registrar (S&P)



IISER PUNE

TECHNICAL QUERIES AND CLARIFICATION

S.No	Query/Clarification Sought	Clarification / Amendment
1	<p>1. Flow rate range: 1-200 mL/min (for both flash and prep HPLC). - Buchi</p> <p>2. Flow rate range: 1-200 mL/min (for both flash and prep HPLC): For any flash or preparative applications, minimum flow rate starts from 5 ml and above. In fact most of the time it will be more than 8ml/min. So we request you to revise the specs 5-200ml/min or more. Gilson flow range is 4-250ml/min -Inkarp</p>	The flow rate shall be 5-200 ml/min or more for both Prep and flash chromatography.
2	Maximum pressure for Prep HPLC chromatography operation should be up to 3500 psi (240 bar): Gilson offers pressure upto 230 bar or 3335 PSI. Kindly requesting you to revise the specifications accordingly since 10 bar pressure will not make any difference in using any flash or preparative HPLC columns -Inkarp	We prefer 240 bar pressure for smooth run of column. lowering the pressure bar may reduce the efficacy in long run.
3	Solvent level sensors in all solvent inlet and waste bottles for physical solvent management should be available: Gilson offers solvent level monitoring options through software itself. Gilson highly recommends software monitoring option since no maintenance is involved in future. Physical sensors maintenance cost will be very expensive. Request you to mention solvent inlet and waste bottles for physical solvent	<p>Solvent level sensors both in all solvent inlet & waste bottles for physical solvent management is essential for the safety of the instrument & the surrounding.</p> <p>Vendor should provide a warranty for the sensors for 5 years from the date of purchase.</p>

	<p>management either by sensors or by software.</p> <p>Safety features like over pressure sensor, vapor sensor and grounded solvent path should be provided with the system: For any chromatography systems over pressure sensor and grounded solvent paths are very important which is provided by most of the vendors. Vapor sensor is locking specifications for one particular vendor so request you to keep under optional or remove vapor sensor option - InKarp</p>	<p>Similarly, pressure sensor, vapor sensor and grounded solvent path sensor warranty should be included.</p>
4	<p>Peak Purity option: None of the flash or Preparative HPLC gives authentic peak purity. We have to further reconfirm by injecting samples using analytical HPLC. Kindly requesting you to keep peak purity as optional or kindly remove this option</p>	<p>We agree to with the vendor. It can be optional.</p>
5	<p>Automatic Injection valve for solid sample injection with automatic self cleaning at the end of the run for flash mode & manual liquid injection by sample loop for prep mode should be available with the system. The injection of the sample into the column should be controlled by the software - Buchi</p>	<p>Injection valve for loading the solid sample in Flash mode should be automatic with no manual switching of the knob. Solid sample packed in the sample cartridge should be injected on the column automatically by the injection valve after starting the run.</p>
6	<p>For future integration: Automated multiple injection facility in prep mode by adding auto-injector & auto-sampler modules should be possible.</p> <p>Instead of just requesting a UV detector (200-400 nm), we think you should request a UV-VIS (200-800 nm) detector.</p> <p>Instead of requesting the possibility to add ELSD in future, we think you should request an integrated ELSD system with minimum sample loss feature as part of the specification.</p>	<p>At this moment we are not interested in additional features.</p>