



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

PREBID CLARIFICATION ON TENDER NUMBER - IISER/PUR/0771/22

Item Description- Procurement of LC-MS System.

Refer an open tender published on Institute website www.iiserpune.ac.in and on CPP Portal on **04/08/2022**.

Pre-Bid meeting was held on **17/08/2022** at **3.00 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 tender and thereafter requested Assistant Registrar (S&P) to brief the bidders on the salient features of the tender.

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 will remain unchanged. No more correspondence in this regard will be entertained

The meeting ended with vote of thanks to the Chair

17/08/2022

Sd/-
Assistant Registrar (S&P)

TECHNICAL & COMMERCIAL QUERIES AND CLARIFICATION

PRE-BID CONFERENCE FOR PROCUREMENT OF LC-MS SYSTEM

S. No	Query/Clarification Sought	Clarification / Amendment
1	<p><u>Chapter No.4, Page No. 20 Point A&B:</u> We have binary system that can be used for analytical and preparative work flow.</p>	<p><u>Chapter No.4, Page No. 20 Point A&B is amended as:</u></p> <p>A. The LC should support at least two to four solvents</p> <p>B. Appropriate Vacuum degassing for two to four solvents.</p>
2	<p><u>Chapter No.4, Page No. 20 Point C:</u> We recommend flow rate range 0.5 - 150 mL with single pump head for entire flow rate range for better yield (mg to gm level)</p>	<p><u>Chapter No.4, Page No. 20 Point C is amended as:</u></p> <p>C. The LC should have an Operating Flow Rate Range of 0.5 to 150 mL/min.</p>
3	<p><u>Chapter No.4, Page No. 20 Point E-</u> We request you to remove point as it will be vendor specific point.</p>	Tender specification prevails
4	<p><u>Chapter No.4, Page No. 20 Point I</u> As per clarification during pre-bid, end user need suitable and compatible auto sampler for automated workflow.</p> <p>Separate analytical and preparative injection valves. Analytical one will be automatic & preparative will be manual injections.</p> <p>The column should have tracking system to track column information & archive usage history (This features compatible/available in fast LC type of systems only)</p>	<p><u>Chapter No.4, Page No. 20 Point I amended as :-</u></p> <p><u>Read Point I as: Auto sampler specifications</u></p> <ul style="list-style-type: none"> ❖ The Auto sampler should be compatible for at least 10 samples {5 Points} ❖ Should enable samples in micro vials with sleeves/glass inserts {5 points} ❖ The Maximum Sample Capacity should be expandable with optional Sample Organizer. ❖ The Injection volume range should be in the range of 1 to 100 µL for analytical work. Appropriate Sample loops to be quoted for the Semi-prep work. {10 Points}

		<ul style="list-style-type: none"> ❖ The sample and the column temperature is room temperature ❖ The sample carryover should be less than <0.1%. {5 Points} ❖ Safe leak handling must be provided with leak sensors. {5 Points} ❖ Design must ensure isolation of electrical components from liquid flow path. {5 points} ❖ Needle should be stainless steel or peak needle; Quote for Two Stainless steel and four Peak needles ❖ The column temperature stability should be within the range of +/- 0.3 degrees. {5 points} ❖ Analytical injection valve should have feature to absorb system pressure and protect the column {5 Points} ❖ Integrated analytical to preparative manual switching valve for straightforward switching without any additional or re-plumbing {10 Points} ❖ Suitable Fraction collector for the semi-preparative work {10 Points}
5	<p><u>Chapter No.4, Page No. 22</u></p> <p>2. Nitrogen Generator Specifications</p> <p>Point B: We will quote suitable nitrogen generator compatible with entire LCMS system. The connectivity with custom made TLC MS interface is in IISER scope .</p>	<p><u>Chapter No.4, Page No. 22 amended as</u></p> <p>Vendor should quote suitable nitrogen generator for the LC-MS. The connectivity and plumbing issue will be in IISER Scope</p>