



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

PREBID CLARIFICATION ON TENDER NUMBER - IISER/PUR/0767-0768-0775/22

Item Description- Procurement of High Performance Liquid Chromatography.

Refer an open tender published on Institute website www.iiserpune.ac.in and on CPP Portal on **03/08/2022**.

Pre-Bid meeting was held on **10/08/2022** 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

10/08/2022

Sd/-
Assistant Registrar (S&P)

TECHNICAL QUERIES AND CLARIFICATION

PRE-BID CONFERENCE FOR PROCUREMENT OF PROCUREMENT OF HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

S. No	Query/Clarification Sought	Clarification / Amendment
1	Queries related to PUMP <ol style="list-style-type: none"> Instrument must have hydraulic dual piston in series with Servo controlled variable stroke drive, floating pistons and active inlet valve Must have the following interfaces to communicate with other modules and computers: CAN, LAN, GPIB, RS 232, APG remote-start Gradient composition precision :< 0.20 % SD, at 0.2 and 1 ml/min Operating Pressure: 8600 psi or better up to 5 ml/min flow rate 	Amendment: <ol style="list-style-type: none"> Changed to “Instrument must have Serial dual piston in series with variable stroke drive, floating pistons or Equivalent active inlet valve Changed to “Must have the suitable interfaces to communicate with other modules and computers” Composition precision: < 0.2-0.3 % RSD No Change: We need this for high back pressure for few applications
2	Queries related to Auto sampler <ol style="list-style-type: none"> Carry over: < 0.004% with automated needle wash using Chlorhexidine (external needle cleaning) Maximum Pressure operating range: 11600 psi or better Should have Sample capacity of 132 × 2 ml vials in 1 tray 	Amendment: <ol style="list-style-type: none"> Changed to< 0.004% with automated needle wash using suitable standards such as Caffeine, Chlorhexidine, etc., No Change: We need this for high pressure for economical future upgrades Should have Sample capacity of 100 (or better) × 2 ml vials in 1 tray

3	<p>Queries related to Diode Array UV-Visible Detector:</p> <ol style="list-style-type: none"> 1. Wavelength range must be from 190 nm to 950 nm 2. Wavelength accuracy must be at least +/- 1 nm, self-calibration with Deuterium lines verification with Holmium oxide filters 3. It must have programmable slit width of 1, 2, 4, 8 and 16 nm 	<p>Amendment:</p> <ol style="list-style-type: none"> 1. Changed to “190nm to 800 or above (higher wavelength is preferred for some special experiments)” 2. Changed to “Wavelength accuracy must be at least +/- 1 nm, self-calibration with Deuterium lines verification with suitable filters or equivalent” 3. No Change: This is required to optimize the noise and spectral resolution as it’s been used in R&D and thus need flexibility
4	<p>Queries related to Fraction collector</p> <ol style="list-style-type: none"> 1. Fraction collector should have different types of triggering modes namely: Time slices, Peak (threshold, up- / downslope), Timetable (combination of time intervals and peak). 2. Fraction collection capacities and trays: Full tray with 126 test tubes (16 mm OD, max. height 48 mm) Full tray with 215 test tubes (12 mm OD, max. height 48 mm) 3. Must have automated delay calibration option using delay calibration sensor. 	<p>Amendment:</p> <ol style="list-style-type: none"> 1. Changed to “The fraction collector with different types of triggering modes namely: Time slices, Peak (threshold, up- / downslope), Timetable (combination of time intervals and peak) is desirable. 2. Changed to “Fraction collection capacities and trays: Full tray with 100 or above test tubes (16 mm OD, max. height 48 mm) Full tray with 200 or above test tubes (12 mm OD, max. height 48 mm). 3. No Change: This technology very much needed to calibrate the delay time between the detector and fraction collector. This allows automated delay calibration for maximum sample recovery. It is useful when we change the process parameter like flow rate.

5.	<p>Our Observation:</p> <p>Warranty / Support: 10.1. The items covered by the schedule of requirement shall carry minimum Three years of comprehensive warranty including part and labour from the date of acceptance of the equipment by IISER, PUNE. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours. The comprehensive warranty includes onsite warranty with parts.</p>	<p>Amendment:</p> <p>Warranty / Support: 10.1. The items covered by the schedule of requirement shall carry a minimum One year of comprehensive warranty including part and labour from the date of acceptance of the equipment by IISER, PUNE. Warranty shall include.....The comprehensive warranty includes onsite warranty with parts.</p> <p>AND</p> <p>Vendor should optionally quote for the second and third year comprehensive warranty including part and labour from the date of acceptance of the equipment by IISER, PUNE. Warranty shall include.....The comprehensive warranty includes onsite warranty with parts</p>