File Ref. No. PUR/IICT/DMS/0815/24-25 **Dt: 22-08-2024**
CPPP Tender ID : 2024_CSIR_205024_1

Minutes of Pre-Bid Conference (PBC) held on 22-08-2024 for proposed procurement of "Supply, installation and commissioning of "High Performance Chromatography/HPLC - 1 No."

Chairpersons / Members of the Technical Sub Committee (TSC) present during PBC including domain experts present during PBC:-

1. Dr. N.Lingaiah, Chairman
2. Dr.PratyayBasak, Member
3. Dr.G.Jithender Reddy, Member
4. Sri. D. Venkateswara Rao, Member
5. Dr.SreepriyaVedantam, Member
6. IO Dr. L. Ravitej Singh

Representatives of the following firm attended the PBC:

1. M/s Camtek Labs
2. M/s Smart Labtech

The following points were discussed during the PBC:

Query raised by M/s. Camtek Labs, and response of CSIR-IICT:

Query-1: on **Item 1.4**: Requested to amend flow rate precision from "0.1 % RSD" to "≤ ±0.3% RSD".
Response: Technical Sub Committee approved the request

Query-2: on **Item 7.1**: Requested to clarify details of training required after installation
Response: The supplier must provide operational training for the users on the usage of instrument and support for analysis after the installation at our site for 3 days.

Query raised by M/s. Smart Labtech, and response of CSIR-IICT:

Comply with specification. No queries raised.

Points clarified by CSIR-IICT Team during PBC:
The representatives of the participating firm/further informed that they do not have any issue or suggestion with respect to other points of tendered specifications and related requirements given in the tender document. Participating bidders have been

informed that points raised by them during PBC will be examined by CSIR-IICT's **Technical Sub Committee (TSC)/Technical team** constituted for the purpose of procurement of said equipment and **post PBC changes** in tendered specifications and requirements to be agreed after due consideration of the same by TSC, **if any**, will be uploaded in **CPPP** as part of **revised/amended tendered specifications** along with CSIR-IICT website www.iict.res.inon or before 27.8.24. All bidders are requested kindly to take a note of the changes, if any, in tendered specifications subsequent to **PBC** held today, i.e. 23-07-2024 before they start submitting their online bids through CPPP.

26/08/2024

(Dr. Pratyay Basak)
Member

(Dr Jithender Reddy)
Member

(Dr.Sreepriya Vedantam)
Member

26/8/24

(Sri. D. VenkateswaraRao)
Member

23/8/24

(Dr. L. Ravitej Singh)
IO/PL

23/8/2024

(Dr N Lingaiah)
Chairperson

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The following changes has been made in tendered specification subsequent to PBC held on 22.08.2024

Sl. No.	Existing Specifications	Revised/Amended Specifications
1	**Solvent Delivery – 2No.**	
1.1	The flow rate setting range of pump should be min 0.01 to max 20mL/min to 50.00 mL/min	The flow rate setting range of pump should be min 0.01 to max 20mL/min to 50.00 mL/min
1.2	Solvent Delivery method: double plunger	Solvent Delivery method: double plunger
1.3	Flow rate accuracy should be No more than ±1% (1 mL/min, 10 MPa)	Flow rate accuracy should be No more than ±1%
1.4	Flow rate precision should be No more than 0.1% RSD or 0.02 min SD, whichever is greater	Flow rate precision should be No more than **≤0.3% RSD or better**
1.5	Pressure setting range should be up to (6000 psi) 42 MPa.	Pressure setting range should be up to (6000 psi) 42 MPa.
1.6	Should provide Gradient Mixer for Preparative	Should provide Gradient Mixer for Preparative
2	**Manual Injector with mounting plate**	
2.1	Manual Injector with loops 2mL, 5mL and 10 mL	Manual Injector with loops 2mL, 5mL and 10 mL
3	**Column Holder**	
3.1	To hold Preparative Columns	To hold Preparative Columns
4	**High-Sensitive UV-VIS Detector**	
4.1	Wavelength range Should be 190 nm - 600 nm.	Wavelength range Should be 190 nm - 600 nm.
4.2	Wavelength accuracy Should be ±1 nm	Wavelength accuracy Should be ±1 nm
4.3	Drift Should be less than 1 $x10^{-4}$ AU/Hour	Drift Should be less than 1 $x10^{-4}$ AU/Hour
4.4	Noise Level Should be $0.5x10^{-5}$ AU.	Noise Level Should be $0.5x10^{-5}$ AU.
4.5	Bandwidth Should be 8nm.	Bandwidth Should be 8nm.
4.6	Preparative flow cell with path length ≤ 0.5 mm	Preparative flow cell with path length ≤ 0.5 mm
4.7	Linearity of 2.5AU or better.	Linearity of 2.5AU or better.
5	**Controller along with Chromatography software**	
5.1	System Controller equipped with data Buffering at 500ms	System Controller equipped with data Buffering at 500ms
5.2	Operating temperature range: 4 to 35 °C	Operating temperature range: 4 to 35 °C
5.3	Central control of pumps, detectors, auto-injectors, Oven & complete modules of each System through	Central control of pumps, detectors, auto-injectors, Oven & complete modules of each System through

	software.	software.
5.4	Digital acquisition & processing system ensures speed & stability of data	Digital acquisition & processing system ensures speed & stability of data
5.5	Single access point for system administration, data acquisition, post run analysis and long – term data management.	Single access point for system administration, data acquisition, post run analysis and long – term data management. **With one additional offline access for post run analysis**
6	**Installation Accessories**	
6.1	Suitable PC [at least of configuration: Windows 11 OS, Processer i7, 12th generation (or above), 64 GB RAM, 1 TB SSD/HDD with graphics card] and Printer (Ink tank color printer)	Suitable PC [at least of configuration: Windows 11 OS, Processer i7, 12th generation (or above), 64 GB RAM, 1 TB **SSD, 19" monitor or above** with graphics card] and Printer (Ink tank color printer)
6.2	Tray to place Mobile phase bottles	Tray to place Mobile phase bottles
6.3	Solvent Bottles with Cap 5/pkt – 1 No	Solvent Bottles with Cap 5/pkt – 1 No
6.4	Sample & Solvent filtration assembly with Vacuum Pump for filtration & degassing of mobile phase & sample.	Sample & Solvent filtration assembly with Vacuum Pump for filtration & degassing of mobile phase & sample.
7	**Other Requirements**	
7.1	The supplier must provide Application based training for the users on the usage of instrument and support for analysis after the installation at our site for 3 days.	The supplier must provide **operational** based training for the users on the usage of instrument and support for analysis after the installation at our site for 3 days.
7.2	Software upgrades like version ups, if any, should be done without any cost in next 5 years.	Software upgrades like version ups, if any, should be done without any cost in next 5 years.
7.3	The software should be 21 CFR compliance (Document proof must be attached).	The software should be 21 CFR compliance (Document proof must be attached).
7.4	All modules must be GLP compliant	All modules must be GLP compliant
7.5	A declaration of System Validation certificate must be provided.	A declaration of System Validation certificate must be provided.
7.6	Warranty - 3 Year	Warranty - 3 Year
7.7	On-site demonstration of specification, if required	On-site demonstration of specification, if required

All the other tender terms remains unchanged. Bidders may please submit their bids accordingly.

26/08/2024

(Dr.Pratyay Basak)
Member

26/08/2024

(Dr Jithender Reddy)
Member

(Dr.Sreepriya Vedantam)
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(Dr. L. Ravitej Singh)
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23/8/2024

(Dr N Lingaiah)
Chairperson