

MINUTES OF THE MEETING

**PRE BID MEETING OF TENDER FOR
SUPPLY, INSTALLATION, COMMISSIONING & VALIDATION OF PROCESS CHROMATOGRAPHY
SYSTEM AND CHROMATOGRAPHY COLUMNS PHASE II AT HLL BIOTECH LIMITED, CHENGALPATTU,
CHENNAI**

Document No. : NPI-120310-EQP-S1-TD-18

Venue : HLL Biotech Limited, Chennai

Date : 20.01.2016

Project : Integrated Vaccines Complex, Chengalpattu

Attendees : See attached list of attendees

Issued by : HBL

Issued on : 2nd February 2016

Issued from : NNE Pharmaplan India Limited, Bangalore

Agenda	
1.	Pre-bid Meeting for Process Chromatography system and chromatography column Phase-II for IVC, Chengalpattu

S. No.	Clarifications on queries
	Tender for Supply , Installation, commissioning and Validation of Process Chromatography system and Chromatography Column Phase II at HBL, Chengalpattu
A	Discussion on Tender Enquiry Document: NPI-120310-EQP-S1-TD-18
	General Discussion Points
	<p>B) Payment for Imported Goods: 100% of Payment against Imported goods shall be made in the currency through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country as specified in the contract in the following manner: Advance 10% of the net DAP price after submission of Bank guarantee equivalent to 110% of the advance amount in the same currency along with submission of Security Deposit / Performance security equal to 5% of the contract value in the form of a bank guarantee from or in the case of a foreign tenderer, the same shall be endorsed by a Nationalized Indian Bank. The advance bank guarantee shall be valid for a period upto the completion of the contract.</p> <p>DQ Approval: 10% of the contract value shall be released against approval of DQ and submission of Proforma Invoice.</p> <p>c) On Receipt of Goods at site: 70% of the net DAP price (DAP price less Indian Agency commission) of the goods delivered shall be paid and upon submission of documents specified hereunder: (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount; (ii) Original and four copies of the negotiable clean, on-board Bill of Lading/ Airway bill, marked freight pre-paid and four copies of non-negotiable Bill of Lading/Airway bill; (iii) Four Copies of packing list identifying contents of each package; (iv) Documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours; (v) Manufacturer's/Supplier's warranty certificate; (vi) Manufacturer's own factory inspection report and (vii) Certificate of origin by the chamber of commerce of the concerned country; (viii) Goods receipt certificate by the ultimate consignee on receipt of goods at this site/warehouse as per section XVII of this tender document.</p> <p>On validation and Final Acceptance Certificate by Purchaser: Balance 10 % of the net DAP price payment would be made against 'Final Acceptance Certificate' as per the proforma mentioned in Section XVIII of this tender document to be issued by the consignee/ purchaser subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise.</p>
1.	<p>a. The last date and time for bid submission : 15.02.2016, 15:00 Hrs b. The technical bid opening date and time: 15.02.2016, 15:30 Hrs</p>
S. No.	Clarifications on URSs
B	URS: NPI-120310-EQP-URS-B1-CMY 02 – Process Chromatography system and Chromatography

S. No.		Clarifications on queries					
		Columns (for Hep B)					
		Specific revision in the URS					
		URS Point number and excerpt* / description of the specification *	Point modified as / Comment				
1.	Point no. 2.0, 3	<table border="1"> <tr> <td>Flow rate</td> <td>8 to 180 LPH</td> </tr> </table>	Flow rate	8 to 180 LPH	Point no. 2.0, 3 <table border="1"> <tr> <td>Flow rate</td> <td>4 to 180 LPH</td> </tr> </table>	Flow rate	4 to 180 LPH
Flow rate	8 to 180 LPH						
Flow rate	4 to 180 LPH						
2.	Point no. 6.3	Should have a provision for sampling of product solution in safe condition, by means of a three way valve with a needle valve that can be placed for this purpose at any point from where the sample needs to be drawn.	Point no. 6.3 Should have a provision for sampling of product solution in safe condition, by means of a manifold (three/four way valve) that shall be placed for this purpose at before and after the column.				
3.	Point no. 6.7.10	Fully automatic PLC/ PC based operation. The chromatography system software supplied should be fully compatible with Windows 8 operating system.	Point no. 6.7.10 Fully automatic PLC/ PC based operation. The chromatography system software supplied should be fully compatible with Windows 7 or 8 operating system.				
4.	Chromatography Column specification (S.No:8)	MOC of column media support Mesh: Poly propylene	MOC of column media support Mesh: Poly propylene / Stainless Steel				
5.	Point No:4.1	The equipment should be suitable to operate at a flow rate of 8 – 180 LPH	The equipment should be suitable to operate at a pump speed of 4 – 180 LPH				
6.	Point No:6.7.31	Calibration of UV detector should be done automatically and the same should be completed within 15 minutes before sample loading. Alarm and interlock shall be provided if calibration is not done.	Calibration of UV detector should be done automatically and the same should be completed within 5 minutes before sample loading. Alarm and interlock shall be provided if calibration is not done.				
Vendor Clarification:							
7.	Point no: 2.0, Table S.No :18	Simultaneous detection of minimum two wavelength (260 nm & 280 nm), from single lamp source. Light source shall be mercury free.	Remains same as Per URS				
8.	Point no. 2.0, 17	<table border="1"> <tr> <td>Diaphragm protection pressure sensor</td> <td>Required in pump</td> </tr> </table>	Diaphragm protection pressure sensor	Required in pump	Remains same as Per URS		
Diaphragm protection pressure sensor	Required in pump						

S. No.	Clarifications on queries					
C	URS: NPI-120310-EQP-URS-B1-CMY 03 – Process Chromatography system and Chromatography Columns (for Hib)					
9.	Point no. 2.0, 2 <table border="1"> <tr> <td>Type</td> <td>Isocratic / Gradient</td> </tr> </table>	Type	Isocratic / Gradient	Point no. 2.0, 2 <table border="1"> <tr> <td>Type</td> <td>Gradient</td> </tr> </table>	Type	Gradient
Type	Isocratic / Gradient					
Type	Gradient					
10.	Point no. 2.0, 3 <table border="1"> <tr> <td>Flow rate</td> <td>4 to 60 LPH /or vendor to specific for Max. flow rates which is compactable up to 300 mm column.</td> </tr> </table>	Flow rate	4 to 60 LPH /or vendor to specific for Max. flow rates which is compactable up to 300 mm column.	Point no. 2.0, 3 <table border="1"> <tr> <td>Flow rate</td> <td>4 to 180 LPH</td> </tr> </table>	Flow rate	4 to 180 LPH
Flow rate	4 to 60 LPH /or vendor to specific for Max. flow rates which is compactable up to 300 mm column.					
Flow rate	4 to 180 LPH					
11.	Point no. 2.0, 19 & 6.4 <table border="1"> <tr> <td>Refractive Index (RI) Detector</td> <td>Required</td> </tr> </table>	Refractive Index (RI) Detector	Required	Point no. 2.0, 19 & 6.4 (only for RI) Deleted		
Refractive Index (RI) Detector	Required					
12.	Point no. 6.3 Should have a provision for sampling of product solution in safe condition, by means of a three way valve with a needle valve that can be placed for this purpose at any point from where the sample needs to be drawn.	Point no. 6.3 Should have a provision for sampling of product solution in safe condition, by means of a manifold (three/four way valve) that shall be placed for this purpose at before and after the column.				
13.	Point no. 6.7.10 Fully automatic PLC/ PC based operation. The chromatography system software supplied should be fully compatible with Windows 8 operating system.	Point no. 6.7.10 Fully automatic PLC/ PC based operation. The chromatography system software supplied should be fully compatible with Windows 7 or 8 operating system.				
14.	Chromatography Column specification (S.No:8) MOC of column media support Mesh: Poly propylene	MOC of column media support Mesh: Poly propylene / Stainless Steel				
15.	Point No:4.1 The equipment should be suitable to operate at a flow rate of 8 – 180 LPH	The equipment should be suitable to operate at a pump speed of 4 – 180 LPH				
16.	Point No:6.7.31 Calibration of UV detector should be done automatically and the same should be completed within 15 minutes before sample loading. Alarm and interlock shall be provided if calibration is not done.	Calibration of UV detector should be done automatically and the same should be completed within 5 minutes before sample loading. Alarm and interlock shall be provided if calibration is not done.				
17.	Point no: 2.0, Table S.No :18 Simultaneous detection of minimum two wavelength (215nm/settable, 260 nm & 280 nm), from single lamp source. Light source shall be mercury free.	Simultaneous detection of minimum three wavelengths (215nm/settable, 260 nm & 280 nm) to be provided.				

S. No.	Clarifications on queries			
18.	<table border="1"><tr><td data-bbox="204 416 528 483">Diaphragm protection pressure sensor</td><td data-bbox="528 416 813 483">Required in pump</td></tr></table>	Diaphragm protection pressure sensor	Required in pump	Remains same as Per URS
Diaphragm protection pressure sensor	Required in pump			

For HLL Biotech Limited,



The Chief Executive Officer



HLL BIOTECH LIMITED
(Subsidiary of HLL Lifecare Limited)
A Government of India Enterprise

LIST OF ATTENDEES

Subject : Pre bid Meeting for Process Chromatography Systems & Chromatography Columns Phase II at IVC, Chengalpattu
Date & Time : 20.01.2016 @ 10.00 Hrs.
Venue : HBL Corporate Office, Taramani, Chennai

S.NO	Name & Designation	Organization	Contact Details	Signature
1	Deepu Nair	Merck Life Sciences	9845555049	
2	Sourish Mopu	Merck Life Sciences	9901346628	
3	Rejith. m.c	HBL	9791062138	
4	2. Balameegam	C&S HealthCare Lifesciences	9840059493	
5	Sujith. S.R	HBL	9442173632	
6	A. ANTO FELIX	HBL	9444486955	
7	Srinivasa Babu	GE	9849192349	
8	Ravindra	GE	9902988996	
9	G. NARASIMHA REDDY	HBL	8754450128	
10	A.V. Jagadish	GE	9900042689	
11	Raphaerath	G.E	9959566619	