

MINUTES OF THE MEETING

**PRE BID MEETING OF TENDER FOR  
SUPPLY, INSTALLATION, COMMISSIONING AND VALIDATION OF FABRICATION EQUIPMENT AT  
HLL BIOTECH LIMITED, CHENGALPATTU, CHENNAI**

**Document No. :** NPI-120310-EQP-S1-TD-08  
**Venue :** HLL Biotech Limited, Chennai  
**Date :** 23.12.2014  
**Project :** Integrated Vaccines Complex, Chengalpattu  
**Attendees :** See attached list of attendees  
**Issued by :** CEO HBL  
**Issued on :** 24<sup>th</sup> December 2014  
**Issued from :** NNE Pharmaplan India Limited, Bangalore

Agenda	
1.	Pre-bid Meeting for supply, installation, commissioning and validation of Fabrication equipments for IVC, Chengalpattu

S. No.		Clarifications on queries
		TE Doc No: NPI-120310-EQP-S1-TD-08
A		Discussion Tender Enquiry Document: NPI-120310-EQP-S1-TD-08
<b>General Discussion Points</b>		
1.	The timelines for submission of the completed tender is changed from 09/1/2015 to <b>20/1/2015</b> .	
2.	All equipment must have an individual printer for batch report printing with trend printing.	
<b>Media Preparation, Buffer Preparation and Mixing Vessels URS/ V 01</b>		
3.	Pg 6 of 17, 2.0 Table 2 - The H/D ratio for all Vessels, Media preparation, buffer preparation and Mixing vessels was discussed and decided to be made 1.5:1	
4.	It was discussed and decided that ring sparger to be provided with valves & filters for Media preparation vessel[Rabies Bulk]	
5.	All Sterile flexible hoses should be silicon braided hoses.	
<b>URS Point number and excerpt / description of the specification</b>		<b>Point modified as/ Comment</b>
6.	Pg 6 of 17, 2.0 Table 2 Point 10	Pg 6 of 17, 2.0 Table 2 Point 10- <b>For Mixing Vessel:</b> Level / Volume Measurement – Platform Balance with Ramp - <b>Point Included</b>
7.	List of Preferred Makes	Filter Housing- <b>Deleted</b> Ball Valve (Manual)- Modentic / Alfa Laval / Gemu Diaphragm Valve- Burkett / ITT/ GEMU Sampling valve- GEMU/NOVASEPTIC Spray Ball- HAKE/ LECKLER Pressure Gauge- WIKA/Bauhlmer Insulation- Zotefoam Air Pressure Regulator- Festo/Pnuemax PRV- ITT / Spirax / Jordan / Burkett
<b>Pressure Vessels URS / PRV 01</b>		
8.	Pg 6 of 9, 2.0 Table 1 Point 2 Top closure	Pg 6 of 9, 2.0 Table 1 <b>Point Modified as</b> Point 2 - Top closure For 5L, 10L, 20L, 50L- Completely detachable flat lid For 100L- Full Openable Hinged Type lid
9.	Pg 6 of 9, 2.1 General Description Point 2.1.2	Pg 6 of 9, 2.1 General Description Point 2.1.2 The handles shall be collapsible type - <b>Point Included</b>
10.	Pg 8 of 9 Point 6.7.6.2 Vessel design Pressure	Pg 8 of 9 Point 6.7.6.2 Vessel design Pressure: 3 kg/cm <sup>2</sup> / FV
<b>CIP Station URS / C CIP 01</b>		
11.	Pg 5 of 14, 2.0 Equipment Description	Pg 5 of 14, 2.0 Equipment Description - <b>Point Modified as</b> The skid mounted CIP station with integrated pump, heat exchanger process vessel, HMI, valves, instrumentation and control panel with the following features: <b>M:-</b> 50-60 °C should be reach within 10 minutes during CIP.

S. No.	Clarifications on queries	
11.	Pg 5 of 14, 2.0 Equipment Description	Pg 5 of 14, 2.0 Equipment Description M. ESIP feature of the vessel should be made possible with necessary valves and instrumentation. - <b>Point Included</b>
12.	List of Preferred Makes	Filter Housing- <b>Deleted</b> Flow Meter: E&H / NEGELE DP Transmitter: Emerson
<b>Mobile CIP System URS/M. CIP 01</b>		
13.	The vessel H/D ratio was decided to be 2:1, the same should be considered for the design of the vessel. The design should be compact so as to move between rooms through door sizes of 1500 mm (w) x 2100 mm (H)	
14.	Pg 11 of 14, Section 6.5 Batch data display and record printing	Pg 11 of 14, Section 6.5 Batch data display and record printing :- Online printing option with laser jet printer for obtaining batch report after every batch should be provided. Printer should be included in the scope of supply.



**For HLL Biotech Limited**

**Chief Executive Officer**

List of Attendees

Date: 23-Dec-2014  
 Client: HLL Biotech Limited  
 Venue: HLL Biotech Limited, TICEL Biopark, Chennai  
 Project: Integrated Vaccine Complex, Chengalpattu  
 Subject: Pre-Bid meeting - Fabrication equipment package

S NO.	NAME	COMPANY	CONTACT NO	EMAIL ADDRESS	SIGNATURE
1.	Anurag Tewary	Nilsom Nishotech	9211279089	anurag@nilsom-nishotech.com	Anurag
2	Bhawesh Mandalia	IDMC Ltd	9824442493	bmandalia@idmc.coop	Bhawesh
3.	M/S NAGA HUSSAIN MOODY	Praghi Hant Systems	8425861329	NAGA HUSSAIN MOODY @ PRASHIVARTY.NET	Naga Hussain Moody
4.	Umaachemur	PHS	8006173356	Umaachemur@praghihant.com	Umaachemur
5.	BABU. S	Equipment Fabricators	7893537253	babu@ef-india.com	Babu S
6.	Biplabendu Chandapat	EF Biosys	9902327994	biplabendu@ef-india.com	Biplabendu Chandapat
7.	Rohil Agarwal	BIOZEN	8147369059	rohil@biozen.com	Rohil
8.	A.C. Suresh	Biozen	9595722451	ac.suresh@biozen.com	A.C. Suresh
9.	D. SURESH BABU	HBL	9840830948	sureshbabu@hllbiotech.com	D. Suresh Babu
10	Ch. L. punna RAO	HBL	8660072323	lakshmi.punnarao@hllbiotech.com	Ch. L. punna RAO
11.	P. NAVIN KUMAR	HBL	9751561877	navinkp@hllbiotech.com	P. Navin Kumar
12	B. SATHESH	HBL	9443026393	satheshb@hllbiotech.com	B. Sathesh
13	D.S.R. KUMAR	HBL	8939289824	kumarand@hllbiotech.com	D.S.R. Kumar

