

MINUTES OF THE MEETING

**TENDER FOR SUPPLY, INSTALLATION, COMMISSIONING AND VALIDATION OF LAB EQUIPMENT
(Phase III) AT PII, COONOR**

Document No. : NPI/110831/EQP/TD/15/PH3 Dated: 12.05.2017

Venue : HLL Biotech Limited, Integral Vaccine Complex, Chengalpattu

Date : 22.05.2017

Project : Revival of DPT Vaccines manufacturing facility

Attendees : See attached list of attendees

Issued on : 24th May, 2017

Issued from : Deputy General Manager – Procurement

Agenda	
1.	Pre-bid Meeting for Lab equipment (Phase III) at PII, Coonoor.

A Discussion on Tender Enquiry Document: NPI/110831/EQP/TD/15/PH3 Dated : 12.05.2017		
Commercial Points		
1.	Page 94/94, Delivery: 3) 2(Two) months from date of issue of Purchase order	
	Page 94/94, Installation, commissioning and validation 4) 1(One) month from the delivery of the equipment at site.	
Technical points		
A.	Schedule No 01. Colony Counter	
1.	2.4 Image resolution : up to 4752 X 3168	2.4 Image resolution : Minimum 0.3 Mega pixel
2.	2.9 Counts on : Petri dishes, Pour and spiral plates	2.9 Counts on : Petri dishes
3.	2.13 Database: MS SQL Server Express database automatically stores all data.	Deleted
4.	4.8 Software should use algorithm for colony counting on petri dishes, pour and spiral plates.	Deleted
5.	4.11 Software should meet 21 CFR Part 11 technical requirements.	Deleted
6.	4.12 Software should be provided with the colony counter.	Deleted
7.	4.13 Minimum PC specification: <ul style="list-style-type: none"> • Processor: Intel Core 2 or Core i processor 2.13 GHz or better • Operating system: Windows XP Professional 32 bit version or Windows 7 Professional 32 bit and 64 bit version • Monitor: 1280 x 1024 minimum resolution (not comptabile with lower resolutions as some elements of the application become inaccessible) • Hard drive: 160GB (or larger) • Graphics: Intel X4500 or better • 2Gb RAM or better • CD-Rom drive (required for software installation) • One main board USB 2 free port, One RS 232 free port with an RS 232 adapter 	4.13 Suitable PC shall be provided with 0.5kva UPS & laser color printer
8.	5.12 Equipment should be integrated with printer, to analyse result details.	5.12 Equipment should be integrated with printer (Laser type), to analyse result details.
9.	6.1. 21 CFR Part11 Compliance.	Deleted
10.	6.2 RS 232 interface is required to transfer the data as well as to take the print out.	6.2 RS 232 interface/USB is required to transfer the data as well as to take the print out.

B. Schedule No 02. Anaerobic Jar		
11.	2.1 Model : GLP/GMP	2.1 Model : GLP/GMP/LAB model/
12.	2.2 Type : Portable	2.2 Type : Portable & Bench top
13.	2.3 Accessories required : Anaerobic indicator, Catalyst, Petriplates, Petriplates holder, Antioxidant bags, Proprietary disinfectant	2.3 Accessories required(to be supplied along with each equipment) : Anaerobic indicator(10 Numbers for each equipment), Catalyst(10 Numbers for each equipment), Petriplates holder
14.	2.7 A New Addition point	Jar Capacity is 2.5 L or to its near standard
15.	3.2 Petriplates :Borosilicate	Deleted
16.	3.3 O Ring: Polypropylene	3.3 O Ring: Polypropylene/Vendor to specify
17.	4.2 It should have sufficient space inside the jar to keep antioxidant bag	Deleted
18.	4.8 All parts of the equipment shall be sterilizable	Deleted
19.	4.9 Vendor to provide the anaerobic indicator	Deleted
20.	4.10 Vendor to consider	Deleted
21.	5.1 The chamber height should be more than 28 cm to accommodate 1 litre	Deleted
22.	5.2 the chamber should be able of accommodate 12 petridishes	Deleted
23.	6.1 The equipment shall be as per GLP/GMP standards.	Deleted
24.	8.1 IOQ Protocol.	Deleted
25.	8.2 Operation and maintenance manuals shall be provided along with IQ and OQ documents during installation at site	Deleted
26.	8.3 Calibration certificate of critical instruments with respect to the traceable national reference standard instrument and their calibration procedure.	Deleted
C. Schedule No 03. Homogeniser		
27.	Annexure 3: List preferred make of components Spray ball - HAKE	List preferred make of components Spray ball – HAKE,LECHLER
28.	1.0.1 Planetary Agitator	Planetary Agitator / Vendor to specify the suitable agitator model which has been implemented in any other industries for the Gel homogenization purpose. Evidence document for the functionality shall be provided by the vendor from the user of the equipment.
29.	New Addition point	Non sterile Sampling valve assembly shall be provided.


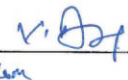






For HLL Biotech Limited



Deputy General Manager – Procurement

Subject : Pre Bid Meeting for PIIC Lab Equipment (Phase III).
Date & Time : 22.05.2017 @ 10:30 Hrs.
Venue : IVC, Chengalpattu
Equipment's : Colony Counter, Anaerobic Jar, Homogenizer

LIST OF ATTENDEES

S.NO	Name & Designation	Organization	Contact No	email	Signature
1.	Sujith S.R (DM-PC)	HBL	9442173632	sujithsr@hllbiotech.com	
2.	V. Rajkumar Thirayan (RA)	PII	9786893896	vkrithi1979@gmail.com	
3.	B. Annamalai (ARO)	PIIC	9443809913	annamalai2711@gmail.com	
4.	Dr. N. Sivamandasaro	PIIC	9486921166	nanjansivamadasar@yahoo.co.in	
5.	S. Ragunath	PHS	9538995106	ragunathsrinivasan@prahipurity.net	
6.	Dr. B. Sundaran	PIIC	9442083883	sundaran1957@yahoo.co.in	
7.	Dr B. SEKAR	PZZL	9444254883		
8.	A. ANTO FELIX	HBL	8939800312		

S.NO	Name & Designation	Organization	Contact No	email	Signature
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