

**MINUTES OF THE MEETING**

**PRE BID MEETING OF TENDER DOCUMENT FOR STABILITY CHAMBERS & WALK-IN INCUBATORS AT INTEGRATED VACCINE COMPLEX (IVC), CHENGALPATTU**

**Document No. :** NPI-120310-EQP-S1-TD-11 dated 18.09.2015

**Venue :** HLL Biotech Limited, Chennai

**Date :** 25.09.2015

**Project :** Integrated Vaccines Complex, Chengalpattu

**Attendees :** See attached list of attendees

**Issued by :** CEO HBL

**Issued on :** 01.10.2015

**Agenda:-**

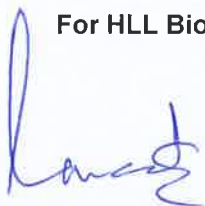
Pre-bid Meeting for Supply, Installation, Commissioning and Validation of stability chambers & walk-in incubators at Integrated Vaccine Complex (IVC), Chengalpattu.

S. No.	Clarifications on queries	
	TE Doc No: NPI-120310-EQP-S1-TD-11 dated 18.09.2015	
I	<b>General Points:</b> 1. Payment terms shall remain unchanged as per TE document 2. The last date and time for bid submission : 15-10-2015, 16:00 Hrs 3. The Technical Bid Opening date and time : 15-10-2015, 16:30 Hrs	
	<b>Technical Points:-</b>	
	Clause in TE Document	Point modified as/ Comment
II	<b><u>Walk-In Incubator (Doc. No. URS/WIN-01 rev.01)</u></b>	
1.	Clause 6.6.1 pg.no. 7 of 16 Insulation: High grade mineral glass wool/ PUF insulated	Insulation : PUF insulated
2.	Clause 6.6.1 pg.no. 7 of 16 Outer Panel : Epoxy, Powder Coated GI sheets or pre-fabricated modular panel type	Outer Panel : Powder Coated GI sheets

S. No.	Clarifications on queries	
3.	Clause 6.6.4 pg.no. 7 of 16 Inner Door : Thick safety glass	This point is removed, as it is not applicable
4.	Clause 6.6.8 pg.no. 8 of 16 Coving: Anodized Aluminium (wall to wall, wall to ceiling, wall to floor)	This point is removed, as it is not applicable
5.	Clause 6.6.10 pg.no. 8 of 16 Fans : Low noise axial fans of SS 304 construction	Fans : Low noise axial fans
6.	Clause 6.7.3 pg.no. 8 of 16 Arrangement of alternative power supply (UPS) to control and monitoring system	Power supply is in the scope of HBL. However system should provide UPS option
7.	Clause 6.7.5 pg.no. 8 of 16 Light control shall be provided and interlocked with door as well.	Light control with On/Off button should be supplied but "interlocked with door" is not a mandatory.
8.	Clause 6.7.6 pg.no. 8 of 16 Display: LCD/ LED (7"-10" VGA coloured screen or better) with touch keypad shall be provided at front panel	Display: LCD/ LED (4"-10" VGA colored screen or better) with touch keypad shall be provided at front panel
9.	Clause 6.7.8 pg.no. 8 of 16 PT 100 type of temperature sensor shall be provided. Minimum + 1 sensors at cold spots to be considered.	PT 100 type of temperature sensor shall be provided. Minimum 8 nos of sensors to be considered including the cold spot.
10.	Clause 6.7.10 pg.no. 8 of 16 Interface port RS 232 to transfer data to be provided.	Interface port RS 232/equivalent to transfer data to be provided.
11.	Clause 6.7.11 pg.no. 8 of 16 One inkless Chart recorder / graphic recorder and printing for traceability of alarms	One inkless Chart recorder / graphic recorder and printing for traceability of alarms is <b>de-scoped</b> . 21 CFR Part 11 Software need to be provided by supplier.
12.	Clause 6.7.17 pg.no. 9 of 16 VFD (Variable Frequency drive) shall be provided to control fan speed.	Single speed motor or suitable system shall be provided to maintain uniformity of temperature and humidity
13.	Overall: Litre Capacities, Dimensions, Trays of Walk-Ins should be as per approved drawings.	As per drawing (QC layout), the bidders need to comply the URS requirements. The drawing is attached as Annexure to this MOM.
14.	Additional Point	Trays Required Chamber 1: min. 32 Chamber 2: min. 28 Chamber 3: min. 28 Chamber 4: min. 24
<b>III</b>	<b><u>Stability Chamber (Doc. No. URS/STC-01 rev.02)</u></b>	
1.	Clause 6.6.1 pg.no. 8 of 13 Insulation: High grade mineral glass wool/ PUF insulated	Insulation : PUF insulated
2.	Clause 6.6.1 pg.no. 8 of 13 Outer panel: Epoxy, Powder Coated GI sheets or pre-fabricated modular panel type	Outer Panel: MOC should be SS304.

S. No.	Clarifications on queries	
3.	Clause 6.6.4 pg.no. 8 of 13 Outside Door: Powder Coated GI along with small glass window with silicone rubber gasket	Outside Door: MOC should be SS304.
4.	Clause 6.6.8 pg.no. 8 of 13 Coving: Anodized aluminum (wall to wall, wall to ceiling, wall to floor)	This point is removed, as it is not applicable
5.	Clause 6.6.10 pg.no. 8 of 13 Fans: Low noise axial fans of SS 304 construction	Fans : Low noise axial fans
6.	Clause 6.7.4 pg.no. 8 of 13 Arrangement of alternative power supply (UPS) to control and monitoring system	Power supply is in the scope of HBL. However system should provide UPS option
7.	Clause 6.7.7 pg.no. 8 of 13 Display: LCD/ LED (7"-10" VGA colored screen or better) with touch keypad shall be provided at front panel	Display: LCD/ LED (4"-10" VGA colored screen or better) with touch keypad shall be provided at front panel
8.	Clause 6.7.9 pg.no. 8 of 13 Temperature and RH sensors shall be provided. Vendor shall specify the numbers	Temperature and RH sensors shall be provided. Minimum 8 nos of sensors (to be considered including the cold spot.
9.	Clause 6.7.11 pg.no. 8 of 13 Interface port RS 232 to transfer data to be provided.	Interface port RS 232/equivalent to transfer data to be provided.
10.	Clause 6.7.12 pg.no. 8 of 13 One inkless Chart recorder / graphic recorder and printing for traceability of alarms (TBD)	One inkless Chart recorder / graphic recorder and printing for traceability of alarms is <b>de-scoped</b> . 21 CFR Part 11 Software need to be provided by supplier.
11.	Clause 6.7.20 pg.no. 9 of 13 VFD ((Variable Frequency drive) shall be provided to control fan speed.	Single speed motor or suitable system shall be provided to maintain uniformity of temperature and humidity
12.	Overall: Litre Capacities, Dimensions, Trays of Walk-Ins should be as per approved drawings.	As per drawing (QC layout), the bidders need to comply the URS requirements. The drawing is attached as Annexure to this MOM.


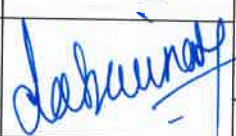
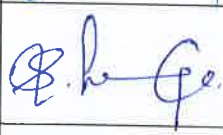
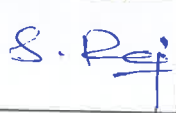
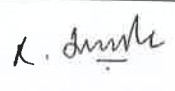
For HLL Biotech Limited



Chief Executive Officer

**LIST OF ATTENDEES**

Subject : Pre-bid Meeting – STABILITY CHAMBERS & WALK-IN  
INCUBATORS @ IVC, Chengalpattu  
Project : Integrated Vaccines Complex  
Date & Time : 25/09/2015 @ 11.00 AM  
Venue : IVC Site, Chengalpattu

S.NO	Name & Designation	Organization	Contact Details	Signature
1	Mr. Sureshbabu DGM (QC & QA)	HBL	-	
2	Mr. Sabarinath DM (P- HVAC)	HBL	-	
3	Ms. S. LAVANYA DM (PC)	HBL	-	
4	S. Ravi Area Manager	Newtronics Libraries Equipment	9176781378	
5	R. Swaminathan	Thermolab Scientific Equipments Pvt Ltd	9444084277	
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