

MINUTES OF THE MEETING

PRE-BID MEETING FOR SUPPLY, INSTALLATION, COMMISSIONING AND VALIDATION OF WALK-IN INCUBATOR AT PII, COONOR

Document No. : NPI/110831/EQP/TD/12 dtd 28.01.2016

Venue : HLL Biotech Limited, Chennai

Date : 05.02.2016

Project : Revival of DPT Vaccines manufacturing facility

Attendees : See attached list of attendees

Issued by : HBL

Issued on : 08th February 2016

Issued from : NNE Pharmaplan India Limited, Bangalore

Agenda

1.

Pre-bid Meeting for Supply, Installation, Commissioning and Validation of Walk-In Incubator at PII, Coonoor

S. No.	Clarifications on queries																																																
	Tender for Supply , Installation, commissioning and Validation of Walk-in incubator at PII, Coonoor																																																
A	Discussion on Tender Enquiry Document: NPI/110831/EQP/TD/12 dtd 28.01.2016																																																
	General Discussion Points																																																
1.	a. Submission of completed Tender: On or before 23.02.2016 at 15:00 Hrs. b. Opening of Technical Bid: 23.02.2016 at 15:30 Hrs.																																																
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B	URS: NPI_110831_EQP_URS_WIN_01 – Walk-in Incubators																																																
	Specific revision in the URS																																																
	URS Point number and excerpt* / description of the specification *			Point modified as / Comment																																													
1.	Page no. 1 of 14 <table border="1"> <thead> <tr> <th>Block Code</th> <th>Block Name</th> <th>Identification #</th> <th>Temperature °C</th> <th>Qty. [Nos.]</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td rowspan="4">Sterility Media Preparation and Microbiology</td> <td>M1-WIN-01</td> <td>35 ± 2.5</td> <td>1</td> </tr> <tr> <td>M1</td> <td>M1-WIN-02</td> <td>22 ± 2.5</td> <td>1</td> </tr> <tr> <td>M1</td> <td>M1-WIN-03</td> <td>35 ± 2.5</td> <td>1</td> </tr> <tr> <td>M1</td> <td>M1-WIN-04</td> <td>22 ± 2.5</td> <td>1</td> </tr> </tbody> </table>			Block Code	Block Name	Identification #	Temperature °C	Qty. [Nos.]	M1	Sterility Media Preparation and Microbiology	M1-WIN-01	35 ± 2.5	1	M1	M1-WIN-02	22 ± 2.5	1	M1	M1-WIN-03	35 ± 2.5	1	M1	M1-WIN-04	22 ± 2.5	1	Page no. 1 of 14 <table border="1"> <thead> <tr> <th>Block Code</th> <th>Block Name</th> <th>Identification #</th> <th>Temperature °C</th> <th>Qty. [Nos.]</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td rowspan="4">Sterility Media Preparation and Microbiology</td> <td>M1-WIN-01</td> <td>32.5 ± 2.5</td> <td>1</td> </tr> <tr> <td>M1</td> <td>M1-WIN-02</td> <td>22.5 ± 2.5</td> <td>1</td> </tr> <tr> <td>M1</td> <td>M1-WIN-03</td> <td>32.5 ± 2.5</td> <td>1</td> </tr> <tr> <td>M1</td> <td>M1-WIN-04</td> <td>22.5 ± 2.5</td> <td>1</td> </tr> </tbody> </table>		Block Code	Block Name	Identification #	Temperature °C	Qty. [Nos.]	M1	Sterility Media Preparation and Microbiology	M1-WIN-01	32.5 ± 2.5	1	M1	M1-WIN-02	22.5 ± 2.5	1	M1	M1-WIN-03	32.5 ± 2.5	1	M1	M1-WIN-04	22.5 ± 2.5	1
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2.	Point no. 3.1 <u>General note:</u> i. The loading pattern given for each walk-in incubator is the minimum requirement, however the equipment to be designed as per the maximum space available at site. (Refer the Auto CAD drawing attached as annexure for this document) ii. Location of compressor unit shall be at outside of the building.[vendor to provide the necessary support structure for compressor unit]																																																
3.	Point no. 6.6.1 Body construction: <table border="1"> <tr> <td>Outer panel</td> <td>Epoxy, Powder Coated GI sheets or pre-fabricated modular panel type</td> </tr> <tr> <td>Insulation</td> <td>High grade mineral glass wool/ PUF insulated</td> </tr> </table>			Outer panel	Epoxy, Powder Coated GI sheets or pre-fabricated modular panel type	Insulation	High grade mineral glass wool/ PUF insulated	Point no. 6.6.1 Body construction: <table border="1"> <tr> <td>Outer panel</td> <td>SS 304</td> </tr> <tr> <td>Insulation</td> <td>High grade mineral glass wool/ PUF insulation of thickness 75 to 100 mm</td> </tr> </table>		Outer panel	SS 304	Insulation	High grade mineral glass wool/ PUF insulation of thickness 75 to 100 mm																																				
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Outside Door	Powder Coated GI along with small glass window									
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5.	<p>Point no. 6.6.8</p> <table border="1" data-bbox="146 658 745 734"> <tr> <td>Coving</td> <td>Anodized aluminum (wall to wall, wall to ceiling, wall to floor)</td> </tr> </table>	Coving	Anodized aluminum (wall to wall, wall to ceiling, wall to floor)	<p>Point no. 6.6.8 Deleted</p>						
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6.	<p>Point no. 6.6.11</p> <table border="1" data-bbox="146 781 745 853"> <tr> <td>Racks</td> <td>SS 304</td> </tr> </table>	Racks	SS 304	<p>Point no. 6.6.11</p> <table border="1" data-bbox="831 781 1430 853"> <tr> <td>Racks</td> <td>SS 304 with perforated type</td> </tr> </table>	Racks	SS 304 with perforated type				
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7.	<p>Point no. 6.7.8 PT 100 type of temperature sensor shall be provided. Minimum + 1 sensor at cold spots to be considered.</p>	<p>Point no. 6.7.8 PT 100 type of temperature sensor shall be provided. minimum 8 sensors + 1 sensor at cold spots to be considered.</p>								
8.	<p>Point no. 6.7.8 Interface port RS 232 to transfer data to be provided.</p>	<p>Point no. 6.7.8 Interface port RS 232 / Ethernet to transfer data to be provided.</p>								
9.	<p>Point no. 6.7.11 One inkless Chart recorder / graphic recorder and printing for traceability of alarms</p>	Deleted								
10.	<p>Point no. 6.7.17 VFD (Variable Frequency drive) shall be provided to control fan speed.</p>	<p>Point no. 6.7.17 Single speed motor / suitable system shall be provided to control fan speed.</p>								
11.	<p>Point no. 6.7.18 Special note: All walk in incubator shall have provision to connect monitoring device(common) with printer (common) - Vendor scope (Cable length between walk in incubator to common monitoring device with printer (common) should be minimum of approx. 15m)</p>	<p>Special note: All walk in incubator should be connected to common PC with colour printer for controlling and monitoring. Vendor to provide and lay the communication Cable between walk in incubator & common monitoring PC should be minimum of approx. 25m</p>								
12.	<p>Addition Point no. 6.7.21- Standby compressors shall be considered for each equipment [Auto-switch of the compressors between every 24 hours/settable to be provided], if any one unit fails automatically the other unit shall be in-operation.</p>									
13.	<p>Addition Point no. 6.7.22-Access control to be considered for each equipment.</p>									
14.	<p>Addition Point no. 6.7.23-Vendor to consider common PC with suitable software of 21 CFR part 11 compliant.</p>									

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15.	Addition Point no. 6.7.24- Suitable light (LED type) shall be provided inside the incubator and the intensity shall be minimum of 1000 LUX	
16.	Addition Point no. 6.7.25- Interior of the walk-in incubator must be of seamless finishing.	
17.	Page no. 10 of 14 Point no. 6.1: Equipment location and available space This equipment will be installed in the Quality Control block of Integrated Vaccines Complex, Chengalpattu.	Page no. 10 of 14 Point no. 6.1: Equipment location and available space This equipment will be installed in the Quality Control block (Microbiology) of PII, Coonoor.

For HLL Biotech Limited



Chief Executive Officer

