

**MINUTES OF THE PREBID MEETING DATED 05.01.2016 FOR SUPPLY,
INSTALLATION, COMMISSIONING & VALIDATION OF LAUNDRY EQUIPMENT FOR
INTEGRATED VACCINE COMPLEX (IVC) OF
HBL BIOTECH LIMITED, CHENGALPATTU, CHENNAI**

Document No. : NPI-120310-EQP-S1-TD-23

Venue : HLL Biotech Limited, Chennai

Date : 05.01.2016

Project : Integrated Vaccines Complex, Chengalpattu

Attendees : See attached list of attendees

Issued by : Chief Executive Officer (HBL)

Issued on : 12th January 2016

Agenda	
1.	Pre-bid Meeting for Laundry equipment for IVC, Chengalpattu

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S. No.	Amendments to the tender & Clarifications to the Pre-bid queries.
1	All the queries raised by the parties and their subsequent clarifications are attached with this document from Page 4 to Page 8
2	Tender Document no. NPI-120310-EQP-S1-TD-22 shall be read as NPI-120310-EQP-S1-TD-23 wherever it is applicable
3	Page No: 58/99 Schedule-II: Garment washing machine & Garment drying machine shall be read as Schedule-II: Garment pressing station
4	On the request of all the bidders present in the pre-bid meeting, the last date for submission of the tender has been extended to 29.01.2016, 10:30 hrs, and bid will be opened on the same day at 11.00 hrs.
5	Henceforth, this pre-bid meeting MOM has to be considered as a part of the original tender

Rt

Clarification on URS/Data sheet:

DS: NPI-120310-EQP-DS-GWM-01 – Garment Washing Machine:

S.No.	URS Point no.	Description of the specification	Point modified as/Comment
1	3.2	Type: Double door, loading from front side and unloading from rare side of the machine, automatic washer cum dryer	Type: Double door, loading from front side and unloading from rear side of the machine, automatic washer cum Extractor
2	3.5	Heating: Electrical/Steam	Heating: Steam
3	5.3	One dispenser for additives with pump must be provided. (Normally 10-15 gm of common detergent per Kg of clothes)	Each equipment shall have provision of using powder detergent via hopper and liquid detergent
4	3.5	Chamber dimension (W x D x H) mm: Vendor to specify, as per capacity	Chamber dimension (W x D x H) mm: Vendor to specify, as per 1:10 loading capacity (500L & 300L)
5	5.24	---	(Addition) Equipment shall be of soft mount type and should have the min G force value of 300. This equipment will be installed in the first floor of the building
6	5.14	Foundation for the machine and erection of the same under the scope of the supplier.	GA drawing of the equipment shall be provided by the successful vendor along with foundation details.
7	5.23	Vendor to Specify: Drum Size as per capacity shall be considered (Minimum, dry weight of laundry) :----- Drum minimum/ maximum RPM : ----- ----- % of drying :-----	Vendor to Specify: Drum Size as per capacity shall be considered (Minimum, dry weight of laundry) :----- *Required minimum % of drying is 50% with reference to cotton clothes.
8	8.5	Doors interlocking alarm (visual/ audio).	Doors interlocking alarm

Signature
12/01/16

DS: NPI-120310-EQP-DS-GWM-02 – Garment Washing Machine:

S.No.	URS Point No.	Description of the specification	Point modified as/Comment
1	3.2	Type: Single door, Front loading, Automatic washer cum dryer	Type: Single door, Front loading, Automatic washer cum extractor
2	3.5	Heating: Electrical/Steam	Heating: Steam
3	5.3	One dispenser for additives with pump must be provided. (Normally 10-15 gm of common detergent per Kg of clothes)	Each equipment shall have provision of using powder detergent via hopper and liquid detergent
4	3.5	Chamber dimension (W x D x H) mm: Vendor to specify, as per capacity	Chamber dimension (W x D x H) mm: Vendor to specify, as per 1:10 loading capacity (300L)
5	5.23	Drying cycle should start after the completion of washing cycle defined by the user to the machine	Extraction cycle should start after the completion of washing cycle defined by the user to the machine
6	5.24	Drying of garments will takes place to certain extent, it should be defined by the vendor and shall be provided moisture content of the garments	Deleted
7	5.26	---	(Addition) Equipment shall be of soft mount type and should have the min G force value of 300. This equipment will be installed in the first floor of the building
8	5.14	Foundation for the machine and erection of the same under the scope of the supplier.	GA drawing of the equipment shall be provided by the successful vendor along with foundation details.
9	5.25	Vendor to Specify: Drum Size as per capacity shall be considered (Minimum, dry weight of laundry) :----- Drum minimum/ maximum RPM : ----- ----- % of drying :-----	Vendor to Specify: Drum Size as per capacity shall be considered (Minimum, dry weight of laundry) :----- *Required minimum % of drying is 50% with reference to cotton clothes.
10	8.5	Doors interlocking alarm (visual/ audio).	Doors interlocking alarm

Design
12/10/16

DS: NPI-120310-EQP-DS-DRY-01– Garment Drying Machine:

S.No.	URS Point No.	Description of the specification	Point modified as/ comment
1	3.11	Chamber dimension (W x D x H) mm: Vendor to specify	Chamber dimension (W x D x H) mm: Vendor to specify based on 1:20 ratio (600 L)
2	3.11	Number of Compartments: Vendor to specify	Deleted
3	3.15	Max. spin speed, RPM : Vendor to specify	Deleted
4	5.2	Electronic frequency drive motor to be provided for variable working and spin speed.	Motor to be provided with single spin speed
5	5.7	Acceleration and Braking should be gradual and adjusted via VFD/Electronically.	Acceleration and Braking should be gradual.
6	5.11	Water filling / Draining shall be controlled by control system.	Deleted
7	5.14	Foundation for the machine and erection on the same under the scope of the supplier.	GA drawing of the equipment shall be provided by the successful vendor along with foundation details.
8	5.20	Drain connection with drain hose (up to drain point in Vendor scope). Vendor to ensure that condensate flows out gradually, or providing necessary sealing with the floor traps so that condensate doesn't not gush out turbulently during drain.	Vendor to provide the SS exhaust duct / exhaust hose till be height of false ceiling (3.0 m height)
9	5.22	Steam should be circulated through jacket of the machine for drying of garments.	Steam should be circulated through jacket / radiator of the machine for drying of garments.
10	5.25	Alarm should be provided for over-heating of garments, low steam supply, high steam supply, Over drying period	Deleted.
11	5.29	Vendor to Specify: Drum Size as per capacity shall be considered (Minimum, dry weight of laundry) :----- Drum minimum/ maximum RPM : ----- ----- % of drying :-----	Vendor to Specify: Drum Size as per capacity shall be considered (Minimum, dry weight of laundry) :----- Moisture content : _____
12	8.5	Doors interlocking alarm (visual/ audio).	Door should not open when the machine is under operation.

Signature
12/01/14

URS: NPI-120310-EQP-DS-GPS-01– Garment Pressing Station:

S.No.	URS Point No.	Description of the specification	Point modified as/ comment
1	2	Pressing table / buck min dimension, L x W in mm: 1500 x 600	Pressing table / buck min dimension, L x W in mm: 1500 x 500
2	3.8	Heating: Electrical/Steam	Heating: Steam
3	3.8	Hinged type Head: Required	Pneumatic type Head: Required
4	3.10	Lever / Button to open / close the head: Required	Lever / Button to open / close the head: Standard 2 button operation is required
5	3.10	Buck pad covering: One layer of asbestos cloth one layer of cotton knitted padding/two layers of blanket one layer of cotton cloth (external)	Buck pad covering: One layer of asbestos cloth one layer of cotton knitted padding / two layers of blanket one layer of cotton cloth (external) OR Vendor to specify
6	5.1	Machine should be provided with Microprocessor based control system.	Electronic controller should be provided.



For HLL Biotech Limited

Chief Executive Officer

Signature
12/01/16

ATTENDANCE SHEET

LIST OF ATTENDEES

Subject : Pre-Bid Meeting for Garment Washing Machine at IVC & PIIC
Project : Integrated Vaccines Complex, Chengalpattu.
 Pasteur Institute of India, Coonoor.
Date & Time : 05.01.2016 @ 3.00 P.M
Venue : HBL Corporate Office, Taramani, Chennai

S.NO	Name & Designation	Organization	Contact Details	Signature
1.	K. Sriharsha Sr. Process Eng	NNE Pharmaplan	9632603789	K. Sriharsha
2.	Abdul Karim.	lucky egg.	98404 33695	Abdul Karim
3	Sandhiwal P	Rams ong	9840292013	Sandhiwal P
4.	Chaleshwar Ratu	Pauch Clean (Electrolux)	827735477	Chaleshwar Ratu
5.	Neranj sharma	pauch clean (electrolux)	9873718171	Neranj sharma
6.	R. MOHAN	PII, COONOR	9790326511	R. MOHAN 05/01/16
7	M. Subrahmanyam V. Manikka	HBL, Chennai	9003431219	M. Subrahmanyam 05/01/16
8	K. YASWANTH Reddy DM-AH	HBL, Chennai	9677182320	K. YASWANTH Reddy 05.01.16
9.	Abhilaash T	HBL, Chennai	7303550556	Abhilaash T 05/01/16
10.	C. SREEDHARAN	HBL, Chennai	9600808745	C. SREEDHARAN
11.	A. ANSO FELIX	HBL	9644486955	A. ANSO FELIX