

MINUTES OF THE PREBID MEETING DATED 07.06.2016 FOR SUPPLY, INSTALLATION, COMMISSIONING & VALIDATION OF LAUNDRY EQUIPMENT FOR INTEGRATED VACCINE COMPLEX (IVC) OF HLL Biotech Limited, CHENGALPATTU, CHENNAI

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

Venue : HLL Biotech Limited, Chennai

Date : 07.06.2016

Project : Integrated Vaccines Complex, Chengalpattu

Attendees : See attached list of attendees

Issued by : Senior Manager - Procurement

Issued on : 15th June 2016

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

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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 7
2	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 30.06.2016, 10:30 hrs, and bid will be opened on the same day at 11.00 hrs.
3	Henceforth, this pre-bid meeting MOM has to be considered as a part of the original tender

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 rear 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	3.4	No. of compartments	No. of compartments shall be 2 for 50KG capacity machine and no compartments are required for 30KG capacity
3	3.5	Heating: Electrical/Steam	Heating: Steam (indirect)
4	4.1	MOC -All contact parts with garments (cabinet, inner drum, tube inlet)	SS304 with electro polish
5	3.10	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)
6	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
7	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.
8	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) :-----
9	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
10	8.5	Doors interlocking alarm (visual/ audio).	Doors interlocking alarm
11	9.3	Calibration certificate of critical instruments with respect to the traceable national reference standard instrument and their calibration procedure.	Deleted

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 (indirect)
3	3.9	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)
4	4.1	MOC -All contact parts with garments (cabinet, inner drum, tube inlet)	SS304 with electro polish
5	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
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	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
8	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
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) :-----
10	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
11	8.5	Doors interlocking alarm (visual/ audio).	Doors interlocking alarm
12	9.3	Calibration certificate of critical instruments with respect to the traceable national reference standard instrument and their calibration procedure.	Deleted

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

S.No.	URS Point No.	Description of the specification	Point modified as/ comment
1	3.4	Heating type	Steam (indirect)
2	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)
3	3.13	Number of Compartments: Vendor to specify	Deleted
4	3.15	Max. spin speed, RPM : Vendor to specify	Deleted
5	5.2	Electronic frequency drive motor to be provided for variable working and spin speed.	Motor to be provided with single spin speed
6	5.7	Acceleration and Braking should be gradual and adjusted via VFD/Electronically.	Acceleration and Braking should be gradual.
7	5.11	Water filling / Draining shall be controlled by control system.	Deleted
8	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.
9	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.	Modified as: Drain connection with drain hose (up to drain point in vendor scope). Vendor to provide the SS exhaust duct / exhaust hose till the height of false ceiling (3.0 m height approx.).
10	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. (Indirect steam)
11	5.25	Alarm should be provided for over-heating of garments, low steam supply, high steam supply, Over drying period	Deleted.
12	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 : _____
13	8.5	Doors interlocking alarm (visual/ audio).	Door should not open when the machine is under operation.
14	9.3	Calibration certificate of critical instruments with respect to the traceable national reference standard instrument and their calibration procedure.	Deleted

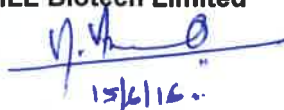
Clarification on general discussion for Garment Washing and Drying Machine with vendors

S.No	Vendors Query	HBL Clarification
1	HEPA Filters for driers: Whether HEPA filters are required for driers	Not required
2	In-built weighing system: whether inbuilt weighing system is require	We will have an external offline weighing scale and it is not necessary to have inbuilt weighing system.
3	Data recording software: whether data recording software is require	This is not the minimum requirement for our machine. Minimum requirement asked in the URS to be met.
4	Sampling points for inlet utilities: whether Sampling port at the inlet is a part of equipment	Sampling port need not be the part of equipment.
5	Whether All valves and joints should be threaded or non-threaded type	All valves and joints should be non-threaded type
6	Maintenance access for double door type washing machine shall be sideways.	Accepted by HBL

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

S.No.	URS Point No.	Description of the specification	Point modified as/ comment
1	2.1	Pressing table / buck min dimension, L x W in mm: 1500 x 600	Pressing table / buck min dimension, L x W in mm: 1500 mm x 500 mm
2	3.8	Heating: Electrical/Steam	Heating: Steam (indirect)
3	3.9	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	3.11	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.
7	5.11	Empty point	Deleted

For HLL Biotech Limited



Senior Manager – Procurement

ATTENDANCE SHEET



Subject : Pre Bid Meeting for Re-tender of Laundry Equipment at IVC, Chengalpattu.
Date & Time : 07.06.2016 @ 11.00 Hrs.
Venue : HBL Corporate Office, Chennai

LIST OF ATTENDEES

S.NO	Name & Designation	Organization	Contact No	email	Signature
1.	Nat Steel Equipmt Re Bid V. SIVAKUMARAN + 2	Nat Steel	8935642414	madhan@nat-steel.com	V.S
2.	AJAYKUMAR NAIK CLIENT RELATIONS OFFICER	ADD LAUNDRY CONCEPTS PVT. LTD.	8767899463	ajay@laundryconcepts.in	Ajay
3	CHOLESHWAR RATNE, Regional Head-South	Quick Clean & Lin Electrolux	8277354777	choleshwar.ratne@quickclean.co.in	Choleshwar
4	MUKESH KANTILAL COUNTRY HEAD	Ransons	9845224477	laundry@ransonsindia.com	M
5	Dr. Subrahmanyam V. Manikanta HV	HBL	903431219	Subrahmanyam@hllbiotech.com	Subrahmanyam
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