MINUTES OF THE MEETING

PRE BID MEETING OF TENDER FOR SUPPLY, INSTALLATION, COMMISSIONING & VALIDATION OF CELL DISRUPTION MILL AT HLL BIOTECH LIMITED, CHENGALPATTU, CHENNAI

Document No.	:	**NPI-120310-EQP-S1-TD-20**
Venue	:	**HLL Biotech Limited, Chennai**
Date	:	**18.01.2016**
Project	:	**Integrated Vaccines Complex, Chengalpattu**
Attendees	:	**See attached list of attendees**
Issued by	:	Mr. Raman K Ramachandran (CEO)
Issued on	:	29.01.2016
Issued from	:	HLL Biotech Limited, Chennai & NNE Pharmaplan India Limited, Bangalore

Agenda	
1.	Pre-bid Meeting of Cell Disruption Mill for IVC, Chengalpattu

A	Clarification on Commercial Queries	
	Clause in Tender Document	Point modified as/ Comment
1.	**Clause 21 & Section XXIII: Terms and Mode of Payment**	**A) Payment for Domestic Goods Or Foreign Origin Located Within India.** Payment shall be made in Indian Rupees as specified in the contract in the following manner: **a) Advance** An advance of 10% of the contract value shall be released against Bank guarantee equivalent to 110% of the advance amount and submission of 5 % of the contract value as Security Deposit/ Performance Security in the form of Bank Guarantee from any scheduled commercial bank. The advance bank guarantee shall be valid for a period up to the completion of the contract. **b) Design Qualification Approval:** 10% of the contract value shall be released against approval of DQ and submission of Proforma invoice. **c) On delivery at site:** 60 % of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents: (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount; (ii) Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee; (iii) Two copies of packing list identifying contents of each package; (iv) Dispatch Clearance from Purchaser or authorized agent (v) Inspection certificate issued by the nominated Inspection agency, if any. (vi) Certificate of Country of origin. **d) On Installation Qualification (IQ), Operational Qualification (OQ) & Submission of IQ & OQ report by purchaser:** 10% of the contract Value

e) On validation and Final Acceptance Certificate by Purchaser:

Balance 10 % payment would be made against 'Final Acceptance Certificate' as per the Proforma mentioned in Section XVIII of this tender document to be issued by the consignee/ purchaser subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise.

B) Payment for Imported Goods:

100% of the Payment shall be made in the currency through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country as specified in the contract in the following manner:

a) Advance

10% of the net DAP price after submission of Bank guarantee equivalent to 110% of the advance amount in the same currency along with submission of Security Deposit / Performance security equal to 5% of the contract value in the form of a bank guarantee from or in the case of a foreign tenderer, the same shall be endorsed by a Nationalized Indian Bank. The advance bank guarantee shall be valid for a period upto the completion of the contract.

b) Design Qualification Approval:

10% of the contract value shall be released against approval of DQ and submission of Proforma invoice.

c) On Receipt of Goods at site:
60% of the net DAP price (DAP price less Indian Agency commission) of the goods delivered shall be paid and upon submission of documents specified hereunder:

(i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;

(ii) Original and four copies of the negotiable clean, on-board Bill of Lading/ Airway bill , marked freight pre-paid and four copies of non-

		negotiable Bill of Lading/Airway bill; (iii) Four Copies of packing list identifying contents of each package; (iv) Documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours; (v) Manufacturer's/Supplier's warranty certificate; (vi) Manufacturer's own factory inspection report and (vii) Certificate of origin by the chamber of commerce of the concerned country; (viii) Goods receipt certificate by the ultimate consignee on receipt of goods at this site/warehouse as per section XVII of this tender document. **d) On Installation Qualification (IQ), Operational Qualification(OQ) & Submission of IQ, OQ report by purchaser** 10% of the net DAP price **e) On validation and Final Acceptance Certificate by Purchaser:** Balance 10 % of the net DAP price payment would be made against 'Final Acceptance Certificate' as per the proforma mentioned in Section XVIII of this tender document to be issued by the consignee/ purchaser subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise.
2.	**Section I & Section XXIII** Closing date & time for receipt of Tender: 01-02-2016, 10:30 Hrs	Closing date & time for receipt of Tender: 17-02-2016, 15:00 Hrs
3.	**Section I & Section XXIII** Time and date of opening of Techno-Commercial Bids: 01-02-2016, 11:00 Hrs	Time and date of opening of Techno-Commercial Bids: 17-02-2016, 15:30 Hrs

S. No.	Clarifications on URSs / Data sheets	
B	DS: NPI-120310-EQP-URS-CDM 01 – Cell Disruption Mill	
	Specific revision in the URS	
	URS Point number and excerpt* / description of the specification *	Point modified as / Comment
1.	**Point no. 2.0, 3** Number of passes: 3 times	**Point no. 2.0, 3** Number of passes: 1 pass of 1.2 KL batch volume
2.	**Point no. 2.0, 6** Type of product Pump: Lobe Pump / Screw pump	**Point no. 2.0, 6** Type of product Pump: Lobe Pump / Screw pump /Peristaltic Pump
3.	**Point no. 2.0, 7** Working temperature: 2 to 8 °C	**Point no. 2.0, 7** Working temperature: 2 to 8 °C Utility: brine soln. shall be provided by HBL however the utility ends must be provided by the vendor.
4.	**Point no. 2.0, 9** Disruption Bead Size: 0.5 mm	**Point no. 2.0, 9** Disruption Bead: Size: 0.5mm - 0.75 mm MOC: Glass
5.	**Point no. 3.1.1** Input & Charging to the cell disruption mill will be done through vessel via external pump. (The feed pump contains adjustable feed flow meter with minimum flow rate of 0.8 L/min).	**Point no. 3.1.1** Input & Charging to the cell disruption mill will be done through vessel via external pump. Variable Speed Feed pump interlinked flow meter is part of the scope of supply. (The feed pump contains adjustable feed flow meter with minimum flow rate of 0.8 L/min).
6.	**Point no. 3.2.1 & 3.3.1** Yeast cells undergo disruption and the output is collected in to another vessel (600 L)	**Point no. 3.2.1 & 3.3.1** Yeast cells undergo disruption and the output is collected in to another vessel (600 L) (Vessel is not in vendor scope)
7.	**Point no. 6.1.3** Product temperature	**Point no. 6.1.3** Product temperature (only indication & monitoring with safety interlock)
8.	**Point no. 6.1.4** Inlet pressure	**Point no. 6.1.4** Inlet pressure (only indication & monitoring with safety interlock)
9.	**Point no. 6.1.5** Fluid level in the rinsing tank	**Point no. 6.1.5** Fluid level in the rinsing tank (only indication & monitoring with safety interlock)
10.	**Point no. 6.2.1** Motor shaft speed out of range	**Point no. 6.2.1** Motor shaft speed out of range (only indication &

S. No.	Clarifications on URSs / Data sheets	
		monitoring with safety interlock)
11.	**Point no. 6.2.2** Product outlet temperature out of range	**Point no. 6.2.2** Product outlet temperature out of range (only indication & monitoring with safety interlock)
12.	**Point no. 6.2.3** Inlet flow rate out of range	**Point no. 6.2.3** Inlet flow rate out of range ((only indication & monitoring with safety interlock)
13.	**Point no. 6.4** Pressure | To indicate the seal rinsing liquid pressure. | Pressure Gauge	**Point no. 6.4** Deleted
14.	**Point no. 6.4** Tempera ture | To monitor, control and record the product outlet temperature | Temperature sensor with transmitter	**Point no. 6.4** Tempera ture | To monitor and record the product outlet temperature | Temperature sensor with transmitter
15.	**Point no. 6.4** Level | To monitor and control the level of the seal rinsing liquid | Capacitive Proximity Switch	**Point no. 6.4** Level | To monitor and control the level of the seal rinsing liquid | Level Switch
16.	**Point no. 6.6.1** All product contact parts (inner chamber, shaft, disks, spacers) shall be made from SS 316 L with Ra of ≤ 0.6 µm and SS304 for external components with Ra of ≤ 1.2 µm and gap separator shall be made of tungsten carbide or equivalent material	**Point no. 6.6.1** All product contact parts (inner chamber, shaft, disks, spacers) shall be made from SS 316 L with Ra of ≤ 0.6 µm and SS304 for external components with Ra of ≤ 1.2 µm and gap separator shall be made of tungsten carbide/ silicon nitrite / equivalent material
17.	**Point no. 6.7.5** Equipment shall be supplied with exchangeable inner cylinder and removing device for the same.	**Point no. 6.7.5** Equipment shall be supplied with removing device for the purpose of maintenance and operation of the cylinder.
18.	**Point no. 6.7.8** • CIP Inlet	**Point no. 6.7.8** • Washing in place (WIP) inlet
19.	**Point no. 6.7.16** Operating pressure shall be adjustable with manual control valve	**Point no. 6.7.16** Deleted
20.	**Point no. 6.7.18** The equipment should be fully drainable and CIPable.	**Point no. 6.7.18** The equipment should be fully drainable and washable in place.

S. No.	Clarifications on URSs / Data sheets	
21.	**Point no. 6.7.23** Motor Starter Cabinet shall be provided with following specification (for separate installation beside the equipment)	**Point no. 6.7.23** Motor starter cabinet to be provided for controlling the system
22.	**Point no. 6.7.24** Control panel shall have 3 ON/OFF push buttons, pilot lamps, EMERGENCY switch and ammeter	**Point no. 6.7.24** Control panel shall have HMI and emergency stop button
23.	**URS Annexure 2: List of preferred make of components** 3 | Temperature transmitter | Radix/ Yokogawa/E &H/Anderson -negele	**URS Annexure 2: List of preferred make of components** 3 | Temperature transmitter | Radix/ Yokogawa/E &H/Anderson -negele / wika

For HLL Biotech Limited

Chief Executive Officer

nne pharmaplan®

NNE Pharmaplan India Limited, #12, Achiah Shetty Layout, RMV Extn, Bangalore – 80, INDIA

List of Attendees

Date: 18/01/2016

Client: M/s HLL Biotech Limited

Venue: M/s HLL Biotech Limited, Chennai

Project: Integrated Vaccine Complex, at Chengalpattu

Subject: PRE-BID MEETING FOR CELL DISRUPTION MILL, IVC

SL NO.	NAME	COMPANY	CONTACT NO:	EMAIL ADDRESS	SIGNATURE
1	Stebler Michael	Willy A. Bachofen AG	+41616867 100	wab@wab.ch	
2	D. VIGNESH	WAB India Pvt Ltd	09999975736 2	Vignesh.D@wabindia.com	
3	A. ANTO FELIX	HBL	9444486955	antofelix@hllbiotech.com	
4	G. NARASIMHA REDDY	HBL	8754450128	narasimhareddy@hllbiotech.com	
5	Abhilash T	HBL	7303550556	abhilasht@hllbiotech.com	