

MINUTES OF THE MEETING

**PRE BID MEETING OF TENDER FOR
SUPPLY, INSTALLATION, COMMISSIONING AND VALIDATION
OF LAB EQUIPMENT - III AT HLL BIOTECH LIMITED, CHENGALPATTU**

Document No. : NPI-120310-EQP-S1-RTD-21

Venue : HLL Biotech Limited, Chennai

Date : 31.12.2016

Project : Integrated Vaccines Complex, Chengalpattu

Attendees : See attached list of attendees

Issued by : HBL

Issued on : 12.01.2017

Agenda	
1.	Pre-bid Meeting for Lab Equipment - III for IVC, Chengalpattu

Data Sheet Clarifications:

S.NO		
I	ELISA Plate Reader	
1	Specific revision in the datasheet	
	Data sheet point number and excerpt*/description of the specifications*	Point modified as/ comment
1.1	3.1. Microplate Type – 6 - 384 WELLS	Microplate Type – 96 & 384 WELLS
1.2	3.13.Photometric linearity(405nm) – 0-3.000 OD	This point shall be deleted
1.3	6.6. PC is required	Suitable PC to be provided by the vendor
II	ELISA Plate Washer	
1	Specific revision in the datasheet	
	Data sheet point number and excerpt*/description of the specifications*	Point modified as/ comment
1.1	5.3. Aspiration to be facilitated by Vacuum pump	Aspiration shall be facilitated by Vacuum pump/other suitable pump or Method
1.2	5.10. 8 and 12 channel autoclavable adaptors (for Filling and Washing)shall be provided	8 and 12/16 channel autoclavable adaptors (for Filling and Washing)shall be provided
1.3	3.8. Pump – Vacuum /Peristaltic	Pump – Vacuum /Peristaltic/Syringe
1.4	5.10 – 8 and 12 Channel autoclavable adaptors (For filling and washing) shall be provided	8 / 16 Channel autoclavable adaptors (For filling and washing) shall be provided
II	Weighing Balance	
1	Specific revision in the datasheet	
	Data sheet point number and excerpt*/description of the specifications*	Point modified as/ comment
1.1	3.3 Linearity – Vendor to specify	Linearity – Refer Annexure (Weighing balance) attached
1.2	3.6.Calibration – External, Internal calibration is required	Calibration – External, Internal calibration is required for Analytical & Semi micro balances
1.3	4.1. MOC Of the Door – Acrylic (For analytical balance)	MOC Of the Door – Acrylic /Glass (For analytical balance)
1.4	5.3.Standard weights should be provided for the Calibration (E1-21 pieces weight set – 21 No)with certification and traceability	Following Standard weights should be provided for the Calibration with traceability and NABL/OIML certification and with minimum 1 year validity I. E2 – 1 mg to 200 g - 2 Sets II. F1 - 500 g – 2 Nos,1Kg – 3Nos,2Kg-4Nos, 5Kg – 4Nos,10Kg – 3 Nos.
1.5	5.4. Auto calibration facility should be provided	Auto calibration is required for Analytical & Semi micro balances

1.6	6.2. On power failure equipment should come in fail safe condition, Over load, low battery indicator and auto power off should be provided.	This point shall be deleted
1.7	6.3. Enclosure should be removable whenever required. Clean ability of weighing balance by removing the pan should be possible	This point shall be deleted
1.8	6.6. Memory function: to keep the last 20 weight in memory.	This point shall be deleted
1.9	6.7. SS ramp should be provided to move the weighing balances	SS ramp should be provided for higher capacity weighing balances (50 Kg and above) with one sided ramp
2.0	6.9. New addition – Printer requirement	Six Nos of printer required along with the weighing balance. Kindly refer Annexure (Weighing balance) for details
III	Micro Weighing balance	
1	Specific revision in the datasheet	
	Data sheet point number and excerpt*/description of the specifications*	Point modified as/ comment
1.1	2.1. Capacity – 0.001 mg – 5g, Readability – 0.001 mg	Capacity – 1 mg to 2 g , Readability – 0.0001 mg
1.2	3.3. Linearity – Vendor to specify	Linearity - $\leq \pm 0.0009$ mg, Repeatability - $\leq \pm 0.00025$ mg
1.3	4.1. MOC of the Door - Acrylic	MOC of the Door – Acrylic / Glass
1.4	4.3. Ingress protection (IP) – 67/68	This point shall be deleted
1.5	5.3. Standard weights should be provided for the Calibration with calibration certificate	Following Standard weights should be provided for the Calibration with traceability and NABL/OIML certification and with minimum 1 year validity E1 - 1mg to 5 g – 1 set
IV	Automatic Media Preparator	
1	Specific revision in the datasheet	
	Data sheet point number and excerpt*/description of the specifications*	Point modified as/ comment
1.1	5.2. Transparent Lid to see all compounds from the top of the system	This point to be deleted
1.2	7.1. System should comply 21 CFR part 11 compliance	This point to be deleted
V	Rotary Bag sealing machine	

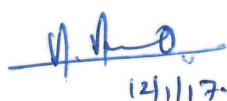
1	Specific revision in the datasheet	
	Data sheet point number and excerpt*/description of the specifications*	Point modified as/ comment
1.1	3.5. Sealing seam width – 12 and 15 mm width	Sealing seam width – 12 mm
1.2	3.11. Overall dimensions (WxDxH)mm – 550mm(W)X 250mm(D)X150mm(H)	Overall dimensions (WxDxH)mm (approx)- 710X260X240 or Nearest.
1.3	3.12. Weight – Vendor to specify	Weight – Less than 25 Kg
1.4	4.1. Roll Conveyor – SS304	Roll Conveyor – Vendor to specify
1.5	4.2. External Surface – SS 304	External Surface – Vendor to specify
1.6	5.8. Machine should stop with warning alarm in case of parameters exceed the predetermined limits	This point shall be deleted
1.7	5.9 – New addition	Inbuilt Validation system should be available
1.8	5.10 – New addition	In house calibration should be provided
1.9	6.5. Suitable enclosure to be provided for the equipment	This point to be deleted
1.10	6.7- Equipment should have provision for barcode printing and vendor to supply the barcode reader along with the requirement	This point to be deleted
1.11	7.3. New addition	CE Certificate required
1.12	8.1. Emergency stop function on accessible area	This point shall be deleted
1.13	9.2. MOC Certificate	This point shall be deleted
1.14	9.5. List of make with certificate	This point shall be deleted
VI	Digital Thermohygro Meter	
1	Specific revision in the datasheet	
	Data sheet point number and excerpt*/description of the specifications*	Point modified as/ comment
1.1	2.3. G1 DTH 01-25	G1 DTH 01-40
1.2	3.1. Range RH: 1to99%(condensing) Temp-20 to 60	Range RH: 30 to 90% or better
1.3	3.4. Temperature Limit – 0 – 60 °C	Temperature Limit – 0 – 50 °C
1.4	3.10. Quantity - 100	Quantity – 120
VII	KTA ELISA READER	
1	Specific revision in the datasheet	
	Data sheet point number and excerpt*/description of the specifications*	Point modified as/ comment
1.1	3.12. Display – 2 line/ 24 Character LCD	Display – Vendor to specify
1.2	3.23. Dedicated PC for the equipment – Not required	Dedicated Suitable PC to be provided by the vendor
VIII	Cryogenic storage container and LN2 Pressurised refill cylinder	
1	Specific revision in the datasheet	
	Data sheet point number and excerpt*/description of the specifications*	Point modified as/ comment
	NOTE - Quantity increased to 2 Nos	
1.1	2.1. Equipment ID - B4CSS 01	2.1 – Equipment ID – B4CSS 01 , Q1CSS 01
1.2	3.8. Static holding time- Minimum 120 days	Static holding time – vendor to specify
1.3	3.12. Operational parameters: a) Working pressure: 30 – 50 PSi	Operational parameters: a) Working pressure: 20 – 35 PSi
1.4	3.16. LN2 Refill cylinder: d) Suitable pressurised liquid nitrogen cylinder of minimum 50 L capacity to connect to storage vessel for auto filling	d) Suitable pressurised liquid nitrogen cylinder of minimum 120 L capacity to connect to storage vessel for auto filling

1.5	6.1. Vendor to quote for all critical spares and accessories such as(i.e.not limited to) SS square shaped canister rack,storage inventory system such as SS cryobox for 2ml cryovials, LN2 transfer hose, cryoprotective gloves and Safety goggles which should be provided with each equipment	Vendor to quote for all critical spares and accessories such as(i.e. Not limited to) SS square shaped canister rack, storage inventory system such as LN2 level measuring scale, LN2 transfer hose and cryoprotective gloves which should be provided with each equipment
1.6	8.2. Should comply with safety requirement for pressure vessels and with EC medical devices directive 93/42/EC	Should comply with safety requirement for pressure vessels.
1.7	9.2. IQ, OQ documentation and SAT	IQ, OQ, PQ documentation
1.8	Preferred List of makes : Thermo fischer scientific , custom biogenic systems	Preferred List of makes MVE, STATEBOURNE, CRYOGENICS, MARATHON are included
IX	Rapid transfer port	
	This equipment is removed from this tender, It shall be procured in later stage	
X	FTIR	
1	Specific revision in the datasheet	
	Data sheet point number and excerpt*/description of the specifications*	Point modified as/ comment
1.1	3.5. Wavelength range - 650 – 4800 cm-1	Wavelength range - 350 – 7000 cm-1 or better
1.2	3.19. Wave number accuracy - 0.1cm-1 or better	This point shall be deleted
1.3	3.24. Operation – Hydraulic press with electric drive	Operation – Hydraulic press with Manual drive
1.4	5.2. Single-Reflection ATR : To measure the spectrum of a liquid, Powder, Moldings Thin Films, Rubbers on the prism, with incidence angle is 45°, Prism made of ZnSe, respective prism is equipped with a pressure sensor	Single-Reflection ATR : With Diamond crystal to measure the spectrum of a liquid, Powder, Moldings Thin Films and rubbers.
1.5	6.5. Download the Data to your computer or printer	Suitable PC to be provided by the vendor along with the equipment
1.6	7.3. Calibration with fluids traceable to NIST and calibration data securely stored and available for review.	This point shall be deleted

General Discussion Points:

1. Last date of submission of bids shall be postponed from 23.01.2017 @ 10.30 AM (Sch I to V) & 24.01.2017 @ 10.30 AM (Sch VI to X) to 27.01.2017 @ 10.30 AM (Sch I to X) and the technical bid shall be opened on the same day @ 11:00 AM.
2. Schedule VIII – Quantity has been raised from 1 (No.s) to 2 (No.s) and the EMD shall be read as Rs.52,000/-.
3. Schedule IX – Requirement has been deleted.

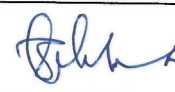
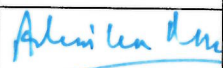


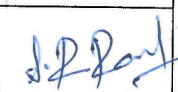
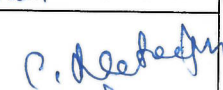

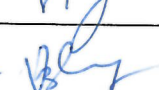
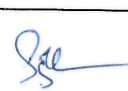
For HLL Biotech Limited



DGM – Procurement

LIST OF ATTENDEES

Subject : Pre-Bid Meeting for Lab Equipment - III at IVC
Project : Integrated Vaccines Complex, Chenagalpattu.
Date & Time : 09.01.2017 @ 11.00 Hrs.
Venue : HBL Corporate Office, Taramani, Chennai

S.NO	Name & Designation	Organization	Contact Details & MAIL ID	Signature
1	J. MOHAN BASU Area manager	Mel: Spee Za dia LH	9380262452 mohanb-mel: spee.in	
2	Ashwani Kumar Mishra	Genetix Biotech.	9791430780 ashwani@genetix biotech.com	
3.	Abhilash.T	HBL	7303550558	 09-01-2017
4.	Vinod Kumar	M71N	9500007172 Vinod.Kumar@mti.in	
5.	S.R. Ramesh	Minebea (Sartorius)	9500084843 ramesh.sankaran@ minebea-intec.com	
6.	Alabayan	Smart Cells	9381206960.	
7.	G. SRINIVASAN	THERMO FISHER SCI	8754599236	
8.	Dr. V. Beckseba Lavanja	HBL	9962092399 beckseba1@hllbiotech.com	
9.	Sanjeev Kumar R Sr. manager	HBL	9500932562 Sanjeevkumar@ hllbiotech.com	
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11.				
12.				
13.				
14.				

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Subject : Pre-Bid Meeting for Lab Equipment - III at IVC
Project : Integrated Vaccines Complex, Chenagalpattu.
Date & Time : 10.01.2017 @ 11.00 Hrs.
Venue : HBL Corporate Office, Taramani, Chennai

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