



MINUTES OF THE TENDER PREBID MEETING DATED 2014-06-19
FOR WATER COOLED CENTRIFUGAL CHILLERS INTEGRATED
VACCINES COMPLEX (IVC) OF HLL BIOTECH LIMITED

Document No. HBL/IVC/HVAC/CHILLER/2014-15/01 Rev.01
PUBLISHED ON 2014-05-29

Venue: Training Hall, HLL WHD Office, Chennai.

Project : Integrated Vaccines Complex

Date of the meeting : 19th June 2014

Attendees : See attached list of attendees

Distribution to : HLL Biotech Limited
All Concerned Persons
NNE Pharmaplan India Limited
All Concerned Persons
To All Participating vendors
See attached list of attendees

Issued by : Chief Executive Officer (HBL)

Issued on : 24th June 2014

Agenda : Pre-bid meeting for Design, Supply, Installation, Testing and Commissioning of Water Cooled Centrifugal Chillers.

S. No	Queries raised by Vendors to Tender Document	Clarification
A.	Technical	
I.	Water Cooled Centrifugal	
1.	Inlet & Outlet Water Temperature for Condenser	NNE & HBL Informed that the Inlet & Outlet water temperature for condenser shall be consider as 32-36 Deg.C instead of 32-37 Deg.C as mentioned in the Tender.
2.	COP at AHRI Condition (Max.)	In tender (Technical Datasheet), COP value at AHRI condition is mentioned wrongly as Max. 6.4. The same shall be referred as Min 6.4
3.	Spare Part List	HBL & NNE Clarified that the Spare Part List should be quoted separately as mentioned in the Tender Document for technical evaluation. However the same will not consider for Price Evaluation.
4.	Parameters to be displayed	HBL and NNE informed that as mentioned in the tender document, all the necessary parameters should be displayed in the Chiller control panel.
5.	Insulation Material	HBL & NNE informed that the Nitrile Rubber Insulation shall be consider instead of Austenitic Stainless Steel given in URS (Point No.6.5).However, Vendor is the sole responsibility to ensure that the no condensation takes place on Insulation.
6.	Foundation Detail	HBL & NNE informed that the vendor has to submit the Foundation details along with Technical Bid.
7.	Technical Data Sheet and Utility Requirements	HBL & NNE informed that the vendor has to submit the Chiller Selection Data Sheet and Utility Requirements along with Bid. The same will be verified by HBL from AHRI.
8.	Chilled Water Outlet Temperature.	HBL & NNE informed that the Chilled water outlet temperature from Evaporator shall be 4 Deg.C as Mentioned in the Tender.

9.	Location of Chiller	HBL & NNE informed that that Chiller location is at Ground Floor of Utility Block. The detailed location of chiller and primary pump, Secondary panel, cooling tower and chiller starter panel is shown the layout attached with the tender document.
10.	Condenser & Evaporator Pressure Drop	HBL & NNE clarified to Vendor that Condenser & Evaporator Pressure Drop is accepted in the range of +/- 10 % as mentioned in the Note of Tender Technical Data sheet.
11	FAT	HBL & NNE Informed that the FAT will be performed for all 6 Chillers as per the list of testing's stated in the tender document.
12	Arrangement of Pressure & Temperature sensors.	HBL & NNE informed vendors that the arrangement of Pressure & Temperature sensor shall be installed in such a way that the sensors will be removed without draining the refrigerant.
B	Chiller Plant Manager	
1.	Philosophy of Plant Manager	<p>Plant Manager philosophy is to optimize the complete chiller plant. The complete input / output summary and software integration points are mentioned in the tender document. However vendor is sole reasonability to ensure that the required points to be consider in plant manager design and ensure that the complete plant consists of following components.</p> <ol style="list-style-type: none"> 1. Chiller – 750TR x 6Nos. 2. Primary Pump – 6Nos +1No.(Spare) 3. Secondary Pump - 6Nos +1No.(Spare) 4. Condenser Pump - 6Nos +1No.(Spare) 5. Cooling Tower - 6Nos +1No.(Spare) 6. Chiller Motorized and Balancing valves.

2.	Communication Cable for Plant Manager	Control cable shall be of OLFLEX CLASSIC 110 SY and Gland shall be SKINTOP_MS_SC-M similar to LAPP Make. The cable between Plant manager and chiller shall be considered as 500RMT. Approved Make: Universal / Polycab /Gloster / RPG / CCI.
C.	Commercial	
1.	Advance Bank Guarantee Validity	HBL informed that Advance Bank Guarantee shall be valid until the Completion of work.
2.	USD Conversion in Indian Rupees	HBL informed that USD conversion rate in Indian Rupees shall be consider as on the date of price bid opening.
3.	Placing of Purchase / Service order	Those vendor who wish to place the Supply order to their principle office situated in other countries, The vendor shall submit the request letter along with full details of the principle supplier during submission of technical bid.
4.	Payment Terms	Vendors requested to change the Payment Terms. However, HBL informed that the Payment terms will remain same as per the Tender document.
5.	Warranty	HBL informed that the warranty of the equipment shall be 24 Months from the date of issuing the final acceptance certificate. If any component of the equipment needs to be change during this period, the same components shall be liable for warranty for 24 Months after getting replacement.
6.	Authorised Indian Representative	HBL informed that Tenderer has to be an authorised Indian representative of all the tendered equipment.



TECHNICAL & COMMERCIAL QUERIES AND
CLARIFICATIONS

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7.	Time Extension for Submission of Bid	The date of submission of tender document is extended till 05 th July 2014 , 16:00 Hrs. The date of opening of technical bid is on 05 th July 2014, 16:30 Hrs.
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For HLL Biotech Limited

Chief Executive Officer

