

**PRE-BID MEETING TENDER FOR SUPPLY, INSTALLATION, COMMISSIONING AND  
 VALIDATION OF BIO-WASTE INACTIVATION SYSTEM  
 AT PII, COONOOR**

**Document No.:** : NPI/110831/EQP/RTD/07

**Venue:** : HLL Biotech Ltd,

**Date:** : 5<sup>th</sup> Jan 2016

**Project:** : Revival of DPT group of Vaccine Manufacturing Facility PII,  
 Coonoor

**Attendees:** : See attached list of attendees

**Issued By:** : Senior Manager, Procurement HBL

**Issued On:** : 7<sup>th</sup> Jan 2016

Agenda	
1.	Pre bid Meeting Tender for Supply, Installation, Commissioning and Validation of Bio –waste inactivation system at PII, Coonoor

S. No.	Clarifications on queries	
	Tender for Supply , Installation, commissioning and Validation of bio-waste inactivation system at PII, Coonoor Doc No: NPI-110831-EQP-RTD-07	
<b>A</b>	<b>Discussion on Tender Enquiry Document: NPI/110831/EQP/RTD/07</b>	
	<b>General Discussion Points</b>	
1.	The EMD shall be furnished in the name of “HLL Biotech Limited, payable at Chennai” for the amount mentioned in Section-I, NIT either by Demand Draft or Bank Guarantee.	
2.	All the items mentioned in the schedule has to be quoted.	
3.	CMC charges shall also be considered for the evaluation of the bids.	
4.	Validity of the PBG shall be as per the tender document.	
5.	Payment terms shall remain the same as mentioned in the tender document.	
6.	Quoted price shall be inclusive of all applicable taxes, incidental charges, transportation charges as mentioned in the price schedule.	
	<b>B. Clarifications on URSs</b>	
	<b>Schedule-1 Bio-waste inactivation [Collection Tank D&amp; P, Collection Tank - T, Kill tank D&amp; P &amp; Kill Tank T ]</b>	
	<b>General discussion point for Schedule -1</b>	
	<b>Common points for all the equipment.</b>	
	<b>Schedule I- Bio waste Inactivation system-[Collection Tank – 2nos. Kill tank – 2 nos.]</b>	
Clause in Tender	Point clarified/modified as/comment	
7.	2.0 a) COLLECTION TANK: 2 nos. Horizontal Collection tank	2.0 a) COLLECTION TANK: 2 nos. Vertical Collection tank
8.	6.5 Batch data display and record printing	6.5 Real time printer with strip chart recorder to be provided.
9.	7.1 Equipment location and available space False Ceiling Height : mm	7.1 The maximum allowable height for the entire system shall not exceed 4 m.
10.	<b>6.7.13</b> <b>Pump specification:</b> 4 no. discharge pump/ recirculation pump (during rinsing/ cleaning), (2W+2S)for Diphtheria & Pertussis • Flow rate required: Vendor to specify m3/ hr	<b>6.7.13</b> <b>Pump specification:</b> Common pump (1W+1S) along with piping skid for controlling both the kill tanks (2 no’s) to ETP to be provided. • Flow rate required: Vendor to specify m3/ hr • MOC: SS 304

S. No.	Clarifications on queries	
	<ul style="list-style-type: none"> <li>• MOC: SS 304</li> <li>• Operating temperature range: 50-60°C</li> </ul>	<ul style="list-style-type: none"> <li>• Operating temperature range: 50-60°C</li> </ul>
11.	<p><b>6.7.14</b>  <b>Pump specification:</b> 2 no. discharge pump/ recirculation pump (during rinsing/ cleaning), (1W+1S)for tetanus</p> <ul style="list-style-type: none"> <li>• Flow rate required: Vendor to specify m3/ hr</li> <li><input type="checkbox"/> MOC: SS 304</li> <li><input type="checkbox"/> Operating temperature range: 50-60°C</li> </ul>	Point deleted
12.	<p>6.7 Specific requirements          6.7.24 <b><u>Point Included</u></b></p>	Counter flanges for all utility points to be provided (common for all equipments)
13.	<p><b>List of Preferred Make of components</b></p> <ul style="list-style-type: none"> <li>• Pressure Gauge- Forbe marshal/ wika/ waaree instruments</li> <li>• Temperature Transmitter – Radix/ wika/ waaree instruments</li> <li>• Steam trap – Spirax Marshall</li> <li>• Top driven Agitator - Inoxpa/IKA/PRG</li> </ul>	<p><b>List of Preferred Make of components</b></p> <ul style="list-style-type: none"> <li>• Pressure Gauge- WIKA/Denver/Negele/Baumer</li> <li>• Temperature Transmitter – Radix/Yokogawa/ Emerson/Negele</li> <li>• Steam trap – Spirax Marshall/Steriflow</li> <li>• Printer - Canon/Epson/HP</li> <li>• Top driven Agitator- GMM/Thermotech/Raunders/Mecon/Steridose</li> </ul>

For HLL Biotech Limited



*[Handwritten Signature]*  
 HLLB

Senior Manager, Procurement