





DATA SHEET			
HLL BIOTECH LIMITED, CHENNAI			
	REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOR		 <small>HLL BIOTECH LIMITED (Subsidiary of HLL Lifecare Limited) (A Government of India Enterprise)</small>
	Platform Shaker		
	Project No :	110831	
	EQUIPMENT ID :	Annexure 1	
	Document No:	DS-PTS-01	
1	Process requirements		
1.1	Platform Shaker will be used for mixing of samples, Cell cultivation, Extraction and Dissolving of samples.		
2	Equipment ID		
2.1	Annexure 1		
3	Technical Specifications		
3.1	Model	cGMP	
3.2	Speed Range(RPM)	25 to 600	
	Capacity	Platform Shaker should be able to hold atleast 4No.s of 50L Nalgene bottle(700mm(H) & 400mm(Dia.)), also the holder clamp must be adjustable to hold 20L to 50L nalgene bottle.	
3.3	Platform Size(mm)	Vendor to specify	
3.4	Operating Time Range (min)	Vendor to specify	
3.5	Operating Temperature	4°C to 40°C	
3.6	Display	LCD	
3.7	Exterior Dimensions	Vendor to specify	
3.8	Power Consumption	Vendor to specify	
4	Material of Construction		
4.1	Body Construction	GI Powder coated	
4.2	Clamps and platform	SS304	
5	Specific Equipment requirement		
5.1	It should be adjustable tilt platform (via a brass wheel) and smooth motion are ideal for applications such as gel staining; western blotting		
5.2	It should work under set temperature and speed range.		
5.3	It should have rubber feet at the base of the shaker.		
5.4	Required assessories should be provided.		
6	Other requirements		
6.1	NA		
7	Regulatory aspects		
7.1	GLP and cGMP guidelines		
8	Safety requirements		
8.1	Heat given out of the equipment should be stated.		
9	Documents		
	Following documents, but not limited to these, are expected from the vendor as part of the supply package in hard copy as well as editable electronic file		
9.1	IOQ Protocol.		
9.2	Operation and maintenance manuals.		
9.3	Vendor should provide warranty Letter for Minimum 1 years, from the date of supply.		
9.4	Vendor should provide list of standard spare parts with ordering information.		

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9.5	Vendor should provide list of change parts (if applicable) with ordering information					
9.6	Vendor should provide list of make with certificate.					
10	Timelines					
10.1	Not applicable					
	NOTE: Accurate size and technical specification need to be mentioned by the vendor.					
	AFI Approved for Enquiry			AFO Approved for Ordering		
00	02-09-2015	MGGP	PULM	<input type="checkbox"/>	<input type="checkbox"/>	
Rev	Date	Completed By	Checked By	AFI	AFO	Sheet 1/2

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	Document No:	DS-PTS-01					
Annexure NO: 1							
Equipment ID	Block Name	Quantity	Capacity	Room Name	Room No	Room dimension in mm	Room height in mm
B1-PTS 01	Diphtheria Block	1	To hold 4 x 50 L bottles	Ambient Room	B1G050	2500 x 6510	3000
B1-PTS 02	Pertussis Block	1	To hold 4 x 50 L bottles	Blending	B1G023	4000 x 4600 2600 x 1910	4000
B2-PTS 01	Tetanus Block	1	To hold 4 x 50 L bottles	Ambient Room	B2G030	4600 x 2000	3000
F1-PTS 01	Formulation Block	1	To hold 4 x 50 L bottles	Blending Area	F1G057	5515 x 7730	4000
	AFI Approved for Enquiry		AFO Approved for Ordering			Sheet 2/2	
00	01-09-2015	MGGP	PULM	<input type="checkbox"/>	<input type="checkbox"/>		
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