

DATA SHEET			
HLL BIOTECH LIMITED, CHENNAI			
	REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOOR		
	Cages and Racks -Guinea pigs & Mice		
	PROJECT #	110831	
	EQUIPMENT ID #	Annexure 1	
	DOCUMENT #	DS-CGE 01	
1	Process requirements		
1.1	The Guinea pig & mice cages shall be used to confine, contain or protect.		
2	Technical Specification		
2.1	Model	Conventional cages	
2.2	Type	Closed type caging system with built in battery unit	
2.3	Capacity of each cage	To hold 4 Guinea pigs or mice in each cage(PIIC TO CONFIRM)	
2.4	Cage Dimensions, (LxBxH) mm	Refer Annexure 1	
2.5	Rack Dimensions, (LxBxH) mm	Refer Annexure 1	
2.6	Cage quantity	Refer Annexure 1	
2.7	Racks quantity	Refer Annexure 1	
3	Material of construction		
3.1	Body	Polypropylene	
3.2	Cage grill	SS 304	
3.3	Water bottle	200 ml or 300 ml capacity, Polysulfone construction with gasket	
3.4	Card holder	Nylon construction with SS clip	
3.5	Food hopper	SS construction	
3.6	Racks	SS 304	
4	Specific requirement		
4.1	The living area for guinea pigs/mice must allow them to satisfy their basic physiological and behavioural needs.		
4.2	Cages should be constructed from non-toxic, non-absorbable material that is easy to clean.		
4.3	Cages should be durable, resistant to heat and chemicals		
4.4	There should be provision for keeping the bedding material for Guinea pigs & mice.		
4.5	The depth of the bedding should be a minimum of 2 cm.		
4.6	There should be provision for fixing water bottles with SS Cap with nipple.		
4.7	Exhausts should be installed close to ground level when cages are placed parallel to walls.		
4.8	There should not be any sharp edges or crevices		
4.9	There should be sufficient light source into the cage		
4.10	The door must be secured in such a manner that it will not open accidentally or animal cannot open it during handling and transport.		
4.11	Cages should be autoclavable at 121°C-135°C		
4.12	Each cage shall have controlled lighting arrangement on 8 hour basis with inbuilt battery back up facility		
5	Other requirements		
5.1	The cage & racks should be painted with non-toxic paint.		
5.2	The cages should be designed for ease of cleaning, feeding, watering and regular inspection of animals kept.		
6	Regulatory aspects		
6.1	As per CPCSEA(Committee for the purpose of Control and Supervision On Experiments On Animals) guidelines		
7	Safety requirements		
7.1	It should not contain sharp edges.		
7.2	Design and construction of cages should incorporate features that enable the cages to be easily moved outside the racks or room in the event of emergency.		
7.3	All solid surfaces of the cages must be impervious or painted, to facilitate cleaning and disinfection.		

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	Cages and Racks -Guinea pigs & Mice					
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8	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.					
8.1	MOC certificates for cages, Water bottle,nipple, racks etc should be provided					
8.2	Operation and maintenance manuals are to be provided.					
8.3	Warranty certificate is required for min 1 year from the date of supply.					
8.4	List of standard spare parts with ordering information should be submitted					
8.5	List of change parts (if applicable) with ordering information should be submitted					
9	Timelines					
9.1	Not Applicable					
	NOTE: Accurate size and technical specification need to be mentioned by the vendor					
	AFI Approved for Enquiry			AFO Approved for Ordering		
00	31-08-2015	MNS	PULM	<input type="checkbox"/>	<input type="checkbox"/>	
Rev	Date	Completed By	Checked By	AFI	AFO	Sheet 1/2

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TABLE NO: 1

Equipment ID	Block Name	Room Name	Cage Dimensions, (LxBxH) mm	Rack Dimensions, (LxBxH) mm	Cages per rack	Cage quantity Nos	Racks quantity Nos	Room No	Room dimension in mm	Room height in mm
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Guinea pig cages & racks

A2-CGE 01-224	Animal Experiment Block	Animal holding-Guinea pig	650 x 500 x 200	1500 x 550 x 1800	Each rack sholud hold 8 cages	224	28	A2G015	6250 x 2185	3000
		Animal observation - Guinea pigs						A2G018	5000 x 10565	
A1-CGE 01 - 80	Animal Breeding Block	Quarantine	650 x 500 x 200	1500 x 550 x 1800	Each rack sholud hold 8 cages	80	10	A1F011	4600 x 5280	2700
		Animal stores room						A1F013	4580 x 1485 5530 X 5215 4260 X 3150	
		Animal isolation room						A1F016	5450 x 3470	
A1-CGE 81 - 306		Animal breeding and weening room	1220 x 610 x 310	1350 x 650 x 1700	Each rack sholud hold 3 cages	225	75	A1F019	11320 x 7450 7740 x 6300	

Mice cages & racks

A2-CGE 225 - 1328	Animal Experiment Block	Animal observation Mice (Challenged vaccine test)	300 x 250 x 150	2000 x 360 X 1750	Each rack sholud hold 48 cages	1104	23	A2G009	5650 x 3145	3000
		Animal observation - Mice (Vaccine test)						A2G010	6250 x 5065	
		Animal holding-Mice						A2G014	6250 x 2065	
A1-CGE 307 - 1478	Animal Breeding Block	Quarantine	300 x 250 x 150	2000 x 360 X 1750	Each rack sholud hold 48 cages	1172	37	A1G013	3000 x 6350	2700
		Animal stores room						A1G014	6500 x 2850 10135 x 3500	
		Animal breeding and weaning room						A1G016	7690 x 6650 11260 x 7450	
		Animal isolation room						A1G017	5450 x 3470	

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