

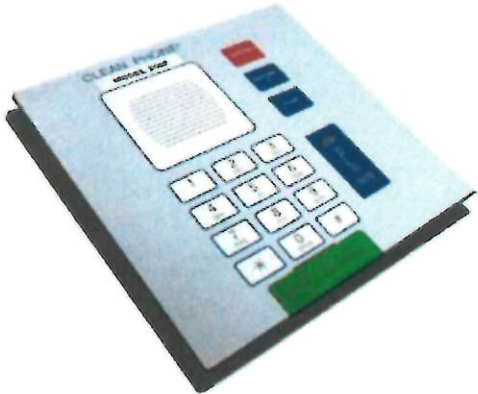


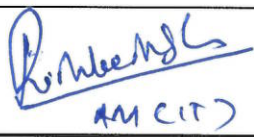

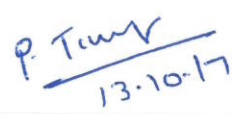


Equipment Specification Data Sheet			
HLL Biotech Limited, Chennai			
	INTEGRATED VACCINES COMPLEX, CHENGALPATTU		
	Equipment Name	Clean Room Telephone	
	Project #		
	Document #		
1	Process requirements		
1.1	A Clean Room Telephone is a sophisticated communication system for classified areas.		
2	Equipment ID		
2.1	Not Applicable		
3	Technical Specification		
3.1	Model	Analog SS304 Flushed Type	
3.2	Type	AC Power	
3.3	Material Type	SS304	
3.4	Dimension (Apprx.)	225x225x2 mm	
3.5	Line Voltage	24-56 V DC	
3.6	Power Supply	110-230 V AC	
3.6	Weight	To be mentioned by the vendor	
3.7	Installation Type	Flush Type.	
3.8	Output Intensity (apprx.)	70 dB	
3.9	Temperature	0 to +60 C	
4	Material of Construction		
4.1	Make/Material	SS304	
5	Specific Equipment requirement		
5.1	Communication System in Clean Rooms		
5.2	Dust Free, Easy Clean		
5.3	Flushed to the modular wall		
5.4	Power cable (10 m minimum)		
5.5	RJ11 cable (10 m minimum)		
5.6	GMP Compliant		
6	Other requirement		
6.1	Handsfree, Loudspeaker, Auto activation, deactivation		
6.2	Impermeable surface for any liquid.		
6.3	Anti Corrosive and resistant to chemicals and liquids		
7	Regulatory aspects		
7.1	cGMP compliant		
8	Safety requirements		
	Not Applicable		
9	Documents		
9.1	Warranty Documents and Manual		
10	Timelines		
10.1	3 Months from the date of PO		
11	Preferred list of Makes		

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	Equipment Name	Clean Room Telephone	
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11.1	Not Applicable		
	NOTE: Accurate size and technical specification need to be mentioned by the vendor		
Prepared By		Reviewed By	Approved By
 AM (IT)		 AM (IT)	 13-10-17 DGM (IT)