



DATA SHEET						
HLL LIFECARE LIMITED, CHENNAI						
		REVIVAL OF BCG VACCINE LABORATORY, GUINDY, CHENNAI				
		Analytical Weighing Balance				
		PROJECT No:	110729			
		EQUIPMENT ID :	BF-AWB 01-02			
		DOCUMENT No :	DS/BF-AWB 01-02			
1	<b>Process requirements</b>					
1.1	It is being used for dispensing media and buffer materials					
2	<b>Technical Specification</b>					
2.1	Model	cGLP, ISO compliant				
2.2	Type	Analytical Weighing Balance				
2.3	Number of Balances	2 nos.				
2.4	Capacity	BF017 - Weighing: 0.001g to 250 g or near to the standard BF037- Harvest & Purification: 0.001g to 250 g or near to the standard				
2.5	Readability	0.0001 g				
2.6	Repeatability	0.0001 g				
2.7	Linearity	± 0.0002 g				
2.8	Unit of display	mg, gms				
2.9	Measuring System	Mono Metal Tuning Fork Sensor				
2.10	Tare	Full Weighing Range				
2.11	Calibration	External, internal calibration is also required				
2.12	Pan Size	<b>Vendor to provide</b>				
2.13	Display	Backlight LCD display				
2.14	Operational Temperature	(-5°C) to 50°C (system shall be suitable)				
2.15	Door	Opening from 2 sides and top sides				
3	<b>Material Of Construction</b>					
3.1	MOC of Door	Acrylic				
3.2	MOC Pan	SS 304				
4	<b>Specific requirement</b>					
4.1	The Balance should be properly levelled. In-built spirit level for level adjustment should be provided					
4.2	Should be easily cleanable					
4.3	Standard weights should be provided for the calibration (E1 - 21 pieces weigh set - 1 no) with certification and traceability. One no for bulk [FG & BF] and one no for warehouse.					
4.4	Auto calibration facility.					
5	<b>Other Requirement</b>					
5.1	Provision to tare should be provided.					
5.2	Display should be digital 8 segment.					
5.3	On power failure equipment should come in fail safe condition.					
5.4	Vendor can provide more features apart from above.					
5.5	Enclosure should be removable whenever required. Clean ability of weighing balance by removing the pan should be possible					
5.6	Training for operation, cleaning and calibration should be provided to the users.					
6	<b>Regulatory guidelines / standards</b>					
6.1	NOT APPLICABLE					
7	<b>Safety requirement</b>					
7.1	NOT APPLICABLE					
8	<b>Documents</b>					
8.1	IOQ Protocol to be provided					
8.2	Calibration Certificate to be provided by Vendor					
8.3	Comprehensive 1 year warranty letter from the date of completion.					
8.4	NPL Calibration certificates and calibration procedures for weights. Validity of calibration certificate should be min 1 yr. from the date of supply					
8.5	Operation, calibration and maintenance manuals to be provided.					
8.6	MOC Certificates to be provided by Vendor					
9	<b>Timelines</b>					
9.1	NOT APPLICABLE					
		AFI Approved for Enquiry		AFO Approved for Ordering		
5	2014-02-05	MNS	SDBB	<input type="checkbox"/>	<input type="checkbox"/>	
Rev	Date	Completed By	Checked By	AFI	AFO	Sheet 1/2



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ROOM LOCATION:		BF-AWB 01
1		GROUND FLOOR: BF037
2		ROOM DIMENSION: 4650mm X 6450mm
3		FALSE CEILING: 3000mm
4		ROOM PRESSURE: -5Pa

ROOM LOCATION:		BF-AWB 02
1		GROUND FLOOR: BF017
2		ROOM DIMENSION: 4050mm X 3735mm
3		FALSE CEILING: 3000mm
4		ROOM PRESSURE: 20Pa

AFI Approved for Enquiry			AFO Approved for Ordering			
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