




Equipment Specification Data Sheet			
HLL Biotech Limited, Chennai			
nne pharmaplan®	REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOR		 HBL HLL BIOTECH LIMITED <small>Subsidiary of HLL, India's leading Pharmaceutical Group</small>
	Project : 110831		
	Equipment ID : Pallet - SS		
	Document : DS-SS 02		
1	Process requirements		
1.1	Pallet is a flat transport structure that supports goods in a stable fashion while being lifted by material handling equipments and pallet is the structural foundation of a unit load which allows handling and storage efficiencies.		
2	Equipment ID		
2.1	DS-SS 02		
3	Technical Specification		
3.1	Model	Standard	
3.2	No of Runner	3	
3.3	Holding Capacity	500 kgs	
3.4	Ways	2 way	
3.5	Quantity	25 Nos.	
3.6	Dimension		
	Size	1000 x 1200 mm x 150 mm (fork entry is 1000 mm)	
	Top frame	xx	
	Legs	xx	
4	Material of Construction		
4.1	MOC	SS	
5	Specific Equipment requirement		
5.1	Pallet shall be suitable for heavy duty operation		
6	Documents		
6.1	Vendor to provide the drawing with dimensions and finishes for approval.		
7	Timelines		
7.1	xx		
NOTE: Accurate size and technical specification need to be mentioned by the vendor. XX - Vendor to specify			


T.R. 
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 Director)

DATA SHEET						
HLL BIOTECH LIMITED, CHENNAI						
nne pharmaplan		REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOR				
		Project : 110831				
		Equipment Name : Pallet Truck Manual				
		Document : DS-PTM 01				
1	Technical Specification					
1.1	Model	Standard				
1.2	Type	Hydraulic (drip proof)				
1.3	No of Wheels	Vendor to specify				
1.4	Holding Capacity	1000 kg (pay load)				
1.5	Size	Standard (Vendor to Specify)				
1.6	Pallet size	1200mm x 1000mm				
1.7	Quantity	4				
2	Material Of Construction					
2.1	Main Body	MS powder coated / painted				
2.2	Wheels on ball bearing	PU				
3	Other Requirement					
3.1	Deadman lever type: Break arrangement to stop during the movement.					
3.2	Provision for lifting the main body of the trolley from the wheel height up to a minimum level of 150 mm approx.					
3.3	The trolley shall be manual operated					
3.4	Provision for moving down the main body of the trolley to its original position.					
3.5	Pressure build up: manual					
3.6	Pressure release: Foot pedal or Hand release					
3.7	Spring loaded loop handle for automatic return to vertical position when not in use.					
3.8	Operational manual and maintainace manual					
4	Timelines					
xx						
NOTE: 1. Accurate size and technical specification need to be mentioned by the vendor 2. Image mentioned in the datasheet is for indication purpose only.						
AFE Approved for Enquiry				AFO Approved for Ordering		
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Equipment Specification Data Sheet		
HLL Biotech Limited, Chennai		
nne pharmaplan®	REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOR	
	Project :	110831
	Equipment ID:	MS Storage racks - Shelf type
	Document :	DS-SSR 01
		
1	Process requirements	
1.1	Storage rack is a material handling storage system designed to store materials on shelf.	
2	Equipment ID	
2.1	DS-SSR 01	
3	Technical Specification	
3.1	Location	Reject, Spare, Secondary packaging room, raw material store room 1, 2, 3 & 5, Electrical store, Glass store, Quarantine, Ext. stores (3 rooms).
3.2	Holding Capacity	300 kg per level
3.3	No. of levels required	4 adjustable
3.4	clear span length	1200 mm
3.5	clear depth	600 mm
3.6	clear height	600 mm
3.7	Total No. of quantity required	40 Nos
4	Material of Construction	
4.1	MOC	MS with Epoxy powder coated
5	Specific Equipment requirement	
5.1	Vendor to provide Column guard/Post protector, barriers, base plate.	
5.2	Vendor to provide the pre requisites like floor tolerance and floor finish along with the offer	
6	Other requirement	
6.1	Vendor to provide delivery time along with the offer.	
7	Safety requirements	
7.1	Vendor to specify safety requirement	
8	Documents	
8.1	Vendor to provide the drawing with dimensions and specifications along with the offer based on the attached Drawing	
9	Timelines	
9.1	XX	
NOTE: Accurate size and technical specification need to be mentioned by the vendor		

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XX - Vendor to specify


Equipment Specification Data Sheet		
HLL Biotech Limited, Chennai		
nne pharmanplan	REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOR	
	Project :	110831
	Equipment Name:	SS Storage racks - Shelf type
	Document :	DS-SSR 02
		
1	Process requirements	
1.1	Storage rack is a material handling storage system designed to store materials on shelf	
2	Equipment ID	
2.1	DS-SSR 02	
3	Technical Specification	
3.1	Location	Cold Room Quarantine 1, 2, 3, 4 & 5, Cold room FG store, Cold room Raw material store 4.
3.2	Holding Capacity	300 kg per level
3.3	No. of levels required	4 adjustable
3.4	clear span length	1200 mm
3.5	clear depth	600 mm
3.6	clear height	600 mm
3.7	Total No. of quantity required	58 Nos
4	Material of Construction	
4.1	MOC	SS
5	Specific Equipment requirement	
5.1	Vendor to provide Column guard/Post protector, barriers, base plate.	
5.2	Vendor to provide the pre requisites like floor tolerance and floor finish along with the offer	
6	Other requirement	
6.1	Vendor to provide delivery time along with the offer.	
7	Safety requirements	
7.1	Vendor to specify safety requirement	
8	Documents	
8.1	Vendor to provide the drawing with dimensions and specifications along with the offer based on the attached Drawing	
9	Timelines	
9.1	xx	
NOTE: Accurate size and technical specification need to be mentioned by the vendor		

XX - Vendor to specify

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DATA SHEET						
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nne pharmanplan	REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOR					
	Project :		110831			
	Equipment Name :		Stacker			
	Document :		DS-STK 01			
1	Technical Specification					
1.1	Model	Standard				
1.2	Type	Battery operated				
1.3	Maximum Lift height	3200 mm				
1.4	Pallet specification	1200mm x 1000mm				
1.5	Load Capacity per pallet	500 kg (payload)				
1.6	Capacity at maximum fork height	500 kg (payload)				
1.7	Mast type	xx				
1.8	Collapsed height	xx				
1.9	Free lift	xx				
1.10	Aisle (pallet to pallet)	2.8 meters				
1.11	Overall Size	xx				
1.12	Quantity	1				
2	Material Of Construction					
2.1	Main Body	MS Powder coated / painted				
2.2	Wheels (All)	PU				
3	Other Requirement					
3.1	Over head guard					
3.2	Operator seat					
3.3	Easy and quick removal of battery					
3.4	Break arrangement to stop during the movement and while parking					
3.5	The stacker shall be battery operated					
3.6	Steering handle: "Full function control handle", with all controls (forward / reverse and lift / lower)					
3.7	Battery discharge indicator with lift lock out.					
3.8	Emergency stop switch					
3.9	Horn					
3.10	Battery and battery Charger					
3.11	Reverse travel alarm					
3.12	Flashing light					
3.13	Side shifter required					
3.14	Battery capacity: xx					
3.15	Spare Battery with trolley to be provided for stacker (MOC of trolley is MS powder coted)					
3.16	Fork adjustment facility					
3.17	Vendor to confirm the lifting capacity at the maximum height					
3.18	Operational and maintainance manual					
3.19	Drive padel					
3.20	Hour meter					
4	Timelines					
4.1	xx					
NOTE: 1. Accurate size and technical specification need to be mentioned by the vendor						
2. Image mentioned in the datasheet is for indication purpose only.						
xx Vendor to specify						
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DATA SHEET

HLL BIOTECH LIMITED, CHENNAI

nne pharmanplan*

REVIVAL OF DPT VACCINE MANUFACTURING
FACILITY, PII, COONOR

Project : 110831

Equipment Name : Scissor Lift

Document : DS-SL 01



Technical Specification

1.1	Location	Ware house
1.2	Type	Hydraulic
1.3	Capacity	2 MT
1.4	Deck Width	xx
1.5	Deck Length	xx
1.6	Overall Length	xx
1.7	Lip extension	xx
1.8	Frame Height	xx
1.9	Depth of the pit required	xx
1.10	Working Range	xx
1.11	Tilt Compensation	xx
1.12	Stroke Height	1600 mm
1.13	collapsed Height	xx
1.14	Quantity	2



2 Material Of Construction

2.1	Main Body	MS Powder coated / painted
2.2	Deck	Chequered plate
2.3	Lip Plate	Chequered plate

3 Specific Equipment requirement

3.1	Vendor to provide the details of Panel, safety guard and details of prerequisites at site.
3.2	Lift Table shall be stationary
3.3	Safety railings required
3.4	Safety tread top platform surface
3.5	Operational and maintenance manual

4 Timelines

4.1 xx

NOTE: 1. Accurate size and technical specification need to be mentioned by the vendor.
2. Image mentioned in the datasheet is for indication purpose only.

AFE Approved for Enquiry

AFO Approved for Ordering

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DATA SHEET						
HLL BIOTECH LIMITED, CHENNAI						
nne pharmaplan®		REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOR				
		Project :		110831		
		Equipment Name :		Pallet truck Battery operated		
		Document :		DS-PTK 01		
1 TECHNICAL SPECIFICATION						
1.1	Model	Standard				
1.2	Type	Battery operated				
1.3	No of Wheels	xx				
1.4	Holding Capacity	1200 Kg				
1.5	Size	Standard xx				
1.6	Quantity	2				
2 MATERIAL OF CONSTRUCTION						
2.1	Main Body	MS powder coated / painted				
2.2	Wheels on ball bearing	PU				
3 OTHER REQUIREMENTS						
3.1	Deadman lever type: Break arrangement to stop during the movement.					
3.2	Provision for lifting the main body of the trolley from the wheel height up to a minimum level of 150 mm approx.					
3.3	Easy and quick removal of battery					
3.4	Provision for moving down the main body of the trolley to its original position.					
3.5	Steering handle: "Full function control handle", with all controls (forward / reverse and lift / lower)					
3.6	Battery discharge indicator with lift lock out.					
3.7	Emergency stop switch					
3.8	Horn					
3.9	Battery and battery Charger					
3.10	Flashing light					
3.11	Fork adjustment facility					
3.12	Drive Pedal					
3.13	Hour Meter					
3.14	A/C Drive					
3.15	Spare battery with trolley to be provided for each pallet truck (MOC of trolley is MS powder coated)					
3.16	Operational and maintenance manual					
10 Timelines						
10.1	xx					
NOTE: 1. Accurate size and technical specification need to be mentioned by the vendor 2. Image mentioned in the datasheet is for indication purpose only.						
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HLL BIOTECH LIMITED, CHENNAI						
nne pharmaplan	REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOR				 HLL BIOTECH LIMITED <small>(A Public Limited Company)</small> <small>(Incorporated in India)</small>	
	Project :		110831			
	Equipment Name :		Fork Lift			
	Document :		DS-FKL 01			
1 Technical Specification						
1.1	Model	Standard				
1.2	Type	Battery operated				
1.3	Maximum Lift height	3000 mm				
1.4	Fork Dimension	xx				
1.5	Load Capacity	1200 Kgs				
1.6	Capacity at maximum fork height	1200 Kgs				
1.7	Mast type	Duplex/Triplex/Quad				
1.8	Height of mast extended	xx				
1.9	Free lift	xx				
1.10	Aisle (pallet to pallet)	2.8 meters				
1.11	Overall Size	xx				
1.12	Width across fork	xx				
1.13	Turning radius	xx				
1.14	Lift Motor	xx kw				
1.15	Mast tilt (forward/backward)	xx deg				
1.16	No of tyres	4 nos				
1.17	Quantity	2				
2 Material Of Construction						
2.1	Main Body	MS powder coated / painted				
2.2	Wheels (All)	PU (Solid non marking - 4 wheels)				
3 Other Requirement						
3.1	Over head guard					
3.2	Operator seat					
3.3	Easy and quick removal of battery					
3.4	Break arrangement to stop during the movement and while parking					
3.5	Spare battery with trolley to be provided for each fork lift (MOC of trolley is MS powder coated)					
3.6	Steering handle: "Full function control handle", with all controls (forward / reverse and lift / lower)					
3.7	Battery discharge indicator with lift lock out.					
3.8	Emergency stop switch					
3.9	Horn					
3.10	Battery and battery Charger					
3.11	All the Fork lift shall be used for container application with side shifter					
3.12	Reverse travel alarm					
3.13	Flashing light					
3.14	Battery capacity: xx					
3.15	Fork adjustment facility					
3.16	Drive Padel					
3.17	Vendor to confirm the lifting capacity at the maximum level (xx)					
3.18	Hour Meter					
3.19	A/C Drive					
3.20	Operational and maintainance manual					
4 Timelines						
4.1	xx					
NOTE: 1. Accurate size and technical specification need to be mentioned by the vendor 2. Image mentioned in the datasheet is for indicatin purpose only						
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Equipment Specification Data Sheet			
HLL Biotech Limited, Chennai			
nne pharmaplan	REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOR		
	Project :	110831	
	Equipment ID :	Pallet	
	Document :	DS-PP 01	
1	Process requirements		
1.1	Pallet is a flat transport structure that supports goods in a stable fashion while being lifted by material handling equipments and pallet is the structural foundation of a unit load which allows handling and storage efficiencies.		
2	Equipment ID		
2.1	DS-PPP 01		
3	Technical Specification		
3.1	Model	Standard	
3.2	No of Runner	3	
3.3	Holding Capacity	500 kgs	
3.4	Ways	2 way	
3.5	Quantity	200 Nos.	
3.6	Dimension		
	Size	1000 x 1200 mm x 150 mm (fork entry is 1000 mm)	
	Top frame	xx	
	Legs	xx	
			
4	Material of Construction		
4.1	MOC	PP	
5	Specific Equipment requirement		
5.1	vendor to confirm the type of moulding process.		
5.2	Pallet shall be suitable for heavy duty operation		
6	Documents		
6.1	Vendor to provide the drawing with dimensions and finishes for approval.		
7	Timelines		
7.1	xx		
NOTE: 1. Accurate size and technical specification need to be mentioned by the vendor. 2. Image mentioned in the datasheet is for indication purpose only.			
XX - Vendor to specify			


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DATA SHEET		
HLL BIOTECH LIMITED, CHENNAI		
nne pharmaplan®	REVIVAL OF DPT VACCINE MANUFACTURING FACILITY, PII, COONOR	
	Project :	110831
	Equipment Name :	Pallet Rack
	Document :	DS-PSR 01
		
1 Technical Specification		
1.1	Location	Warehouse
1.2	Height of Pallet	150 mm
1.3	Pallet size	1000mm x 1200mm Two side opening
1.4	Holding Capacity	500 kg per pallet
1.5	Rack Dimension	Double pallet - 1000 x 2400 mm
		Single pallet - 1000 x 1200 mm
		Height between the tier - 1400 mm (compartment height)
1.6	No. of Levels	3 level
1.7	Clear Width	2300 mm
1.8	Total rack height	3 levels - 4200 mm
1.9	Clear height	4600 mm
2 Material of Construction		
2.1	Main Body	MS with Epoxy powder coated
3 Specific Equipment requirement		
3.1	Vendor to provide Pallter stopper, Column guard/Post protector, Row spacer, connecting bar, barriers, base plate.	
3.2	Vendor to provide the pre requisites like floor tolerance and floor finish along with the offer	
4 Other Requirement		
4.1	Vendor to provide delivery time along with the offer.	
5 Safety requirements		
5.1	Vendor to provide safety requirement	

6	Documents					
6.1	Vendor to provide the drawing with dimensions and specifications along with the offer based on the attached Conceptual Drawing					
6.2	Accurate size and technical specification need to be mentioned by the vendor					
7	Time lines					
7.1	xx					
8	Bill of Quantities					
	Location		Double	Pallet quantity in Nos.		
8.1	Secondary Material Store (W1G 008)		24	48		
8.2	Packing Material Store (W1G 007)		51	102		
8.3	Total		75	150		
8.4	Total pallet capacity	150 Nos.				
9	Note					
9.1	xx - Vendor to specify					
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