

**PART – 1 BOQ FOR NEW LIFT AT CIBM MANIPAL**

**TECHNICAL SPECIFICATIONS**

**I PRODUCT DETAILS**

Building Type	Banking Sector
Product Name	
Number of Units	1
Lift Designation	-
Lift Type	Passenger Lift
Rated Capacity Persons / Kgs / Class of Loading	10 Persons / 884 Kgs / P - Passengers
Rated Speed m/s	1.25
Number of stops / openings	3 / 3
Floor Designation	G+2UF
Access Sides Inline/Thru Type	1 (One), In Front Only
Floor Display Character (Entrance Position)	G(F),1(F),2(F)

**II MACHINEAND CONTROLLER DETAILS**

Machine Location / Type	Machine Room less - Gearless
Drive System	Micro Processor Based VVVF - Closed Loop
Control system	Microprocessor Based Simplex Selective Collective Control With / Without Attendant
Main Power Supply	AC 3 Phase, 50 Cycles, 415 Volts $\pm 10\%$
Light Power Supply	220 Volts 50Hz LNE

**III SHAFTDETAILS**

Shaft Type	RCCRB - Reinforced Cement Concrete With Red Brick
Shaft Width mm X Shaft Depth mm	2250X 2400
Overhead mm	4800
Pit Depth mm	1600
Travel Height (in Meters)	7
Shaft Reduction Channel	Not Required
Shaft Reduction Channel Weight (in Kgs)	No
Pit Ladder	Yes

**IV CABINDETAILS**

<b>A) SIZES</b>	
Car Width mm X Car Depth mm	1100X 2000
Car Clear Height mm	2200
Car Door Type Center/Side	Power Operated Centre Opening Sliding Door
No Of Door Panels	2 Panel
Type of Door Drive	Linear Door Drive System
Car Door (W X H) mm	900 X 2000

**B) FINISHES - \*SUBJECT TO AVAILABILITY**

Design Of Lift Cabin*	Stainless Steel
Lift Cabin Finish*	Hairline Finish
Car Door*	Stainless Steel
Car Door Finish*	Hairline Finish
Ceiling Finish*	Ss Hairline Finish
Ceiling Type	Sleek Small Circular-JLFC 08
Ceiling Light	Led Lights-03
Fan	Cross Flow -Fan
Flooring Type	20 Mm Recess By Jlpl-Granite Flooring Client
Handrail Type	Ss Round Handrail JLHR01
Handrail Location	Rear Side
Car Door Sill	Aluminum
Extra Allowance for Cabin Interior (Kgs)	88.4
<b>V LANDINGDOORS DETAILS</b>	
<b>A) SIZES</b>	
Door Type	Centre Opening Sliding Door
Door Size (W x H) mm	900 X 2000
Door Sill	Aluminum
<b>B) FINISHES</b>	
Landing Door Finish*	1-3-Stainless Steel - Hairline Finish
Landing Door Frame / Finish*	1-3-Stainless Steel - Hairline Finish
Main Landing Floor	G
Other Landing Floors	1,2
Jamb Type	Slim Frame
<b>VI SIGNALIZATION/ FIXTURES DETAILS</b>	
<b>A) CABIN OPERATING PANEL</b>	
Car Operating Panel Type	Car Operating Panel - JLCP01
Number of Car Operating Panel	1
COP Faceplate Finish	Stainless Steel - Hairline Finish
Button Model	1s4 - Bas128 (Round)
Car Display	Orange Square Dot-Matrix Scrolling Display-Vertical
Car Display Location	Car Operating Panel
Call Register Signal	Yes
Floor Annunciator	Yes
<b>B) LANDINGS INDICATORS</b>	
Landing Operating Panel Type	Landing Operating Panel - JLLP01

LOP Location	Landing Display On Wall
LOP Mounting Type	Grouting
LOP Faceplate Material	Stainless Steel - Hairline Finish
Landing Display	1-3-OSDM-V
Landing Display Location	1-3-LOP
Call Register Signal	Yes
Stainless Steel Braille Button	Yes
<b>VII SAFETY DETAILS</b>	
Over Speed Governor	Yes
Door Protection	Infra Red Door Screen
Counterweight Screen	Inbuilt
Over Load Indicator	Yes
Fireman Switch	Yes
Automatic Rescue Device	Yes
Battery Operated Emg Alarm Light	Yes
Two Way Intercom with Press & Speak in COP	Yes

PRICE SCHEDULE				Currency : INR
Spec No	Model	Qty	Unit Basic Rate Rs.	Total Basic Amount Rs.
A00	Design, supplying, erecting testing and commissioning of-Passenger/Bed-cum-passenger hospital lift with speed of 1mtr per second, variable voltage variable frequency drive, with or without machine room for the available well size, operating at 415V 3phase 50cycles AC supply, powder coated/Stainless Steel care entrance doors enclosures with suitable colour vinyl flooring, LED car illumination, emergency light, intercom and fan as desired by the user, central opening/ side opening door with or without attendant operation, 7 segment display buttons, call register indicator, fireman drive, SShandrails insidecar, fulllengthinfraredcurtainincardoor, automatic rescue devicewith batteries, voice announcing in regional/international languages, Braille buttons with one year warranty and maintenance with necessary scaffolding and minor civil works like fixing of guiderail, counterweight etc., The total product and services shall adhere to IS14665/2016 (withlatestamendments)part/section1to5withregardstogeneralguidelines offire safety rated doors, MRLlbeams,pressureswitch,manualchangeoverfordoorsduringemergency , ARDof10timeswithsufficientbattery backupand standarddimensionsofchair carand door openings for all sizes and capacities oflifts including fitnesscertificateand dulyobservingallother safetynormsprescribedand adhere to CPWD specifications,PCBNorms, National Electricity Code(NEC), NBC-2016,IECand KarnatakaStateLifts, Escalatorsand Passengers ConveyersAct 2012 and Rules 2014. The	1		

	Supplier shall be registered in Government Electrical Inspectorate in the State of Karnataka			
	With Out Machine Room-SS Finish / 10 Passenger Lift/ 884Kgs / 1.25 Speed / (G + 3) Floors / 3 Stops/ Stainless Steel Car Cabin			
Total Lifts / Basic Value (Exclusive of GST)				