

**SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 2 NOS 15 PASSENGER / 1020 Kgs, ELEVATORS
FOR STATE BANK OF INDIA, ADMINSTRATIVE OFFICE BUILDING JABALPUR**

PASSENGER LIFTS :						
SI.	DESCRIPTION OF ITEMS	QTY	UNIT	RATES	AMOUNT	
No.						
1	Supplying Installation ,Testing and Commissioning of Two Nos. Passenger elevators of capacity of 15 persons / 1020 Kg without Machine room in complete (including AMC for 2 years comprising of defect liability period of 1 year) with Specifications and following requirements :					
i	Load and Speed @ 1.00 MPS.					
ii	Travel : Ground + Five Floors. (Total Six Floor)					
iii	Stop and Openings : 6 Stops, 6 Openings (All opening on same side). Single Entrance car					
iv	Power supply : 415 Volts 3 Phase 50 cycle AC supply Light supply : 230 volts, 1 phase ,50 cycles, A.C.					
v	Main Drive for Car : AC variable voltage, variable frequency (VVVF)					
vi	Drive for Car door : AC variable voltage, variable frequency (VVVF)					
vii	Controls : ACV3F, 32 bit Microprocessor integrated serial communication control system with RMS (Remote monitoring system)/ BMS (Building monitoring system) supporting software					
viii	Operation : Simplex, fully collective selective operation with/ without attendant					
ix	Machine : Permanent magnetic synchronous gearless motor					
x	(Car inside Dimensions) 1100 mm wide x 2150 mm deep X 2200 mm high					
xi	Car Enclosure :					
a.	Panels – Return , side and Rear : shall be fully Stainless steel body,hair line finished with a distinctive style and elegance to provide a luxurious appearance. Including rear side(Back wall) Mirror 6mm thk. Mirror glass(width of car, Ht.1200mm) (Stainless steel Moonrock finish to match the car interior at the time of execution)					
b.	Car Door : Stainless steel Moonrock finish to match the car interior at the time of execution					
c.	Flooring : Grey Vinyl Tiles.					
d.	Ceiling & Ventilation : Sheet steel with Milky white acrylic covers, 2 nos indirect fluorescent lights, Forced Car ventilation (with fan) switchin service cabinet and autocut off)					
xii	Landing Doors : Stainless steel hair line finished landing doors with					

SI.	DESCRIPTION OF ITEMS	QTY	UNIT	RATES	AMOUNT
	provision for emergency key opening at all landings.				
xiii	Door Operation : Automatic central opening with electronic door detector.				
xiv	Car operating panel 1 Full Height Stainless Steel Face Plate Silver brushed StSt Segmented LCD display Square flush mounted KDS90				
xv	Landing Signalization Stainless Steel 7 segment display Flush Mounted Silver brushed StSt Square,flush mounted KDS90				
xvi	Signal Fixtures :				
a.	Digital Hall Button.				
b.	Position indicator and Car direction Indication (CDI).				
c.	Interphone for communication to Car.				
xvii	Other features :				
a.	Attendant Operation.	2.00	Nos		
b.	Hall Call Detection.				
c.	Automatic car return device.				
d.	Non stop button in car (Available with Attendant operation),				
e.	Inter Communication Unit				
f.	Serial Communication				
g.	Radio Interference filter.				
h.	Hall Call cut out (By software).				
i.	Door Open & Close button.				
j.	Over current protection ,				
k.	Overload and Load Non stop Device.				
l.	Battery operated Alarm Bell and Emergency Light with battery charger.				
m.	Light Ray device.				
n.	Full Car Operating Panel with digital clock & temp. display,				
o.	Voice synthesizer.				
p.	Accurate relevelling, Automatic, closed door				
q.	Fireman's switch etc.				
r.	Car failure Operation (safe landing)				
s.	Over load Warning.				
t.	Infrared curtain door operation.				
u.	Provision for Lighting in Lift well and Car top for maintenance and other safety features complete in all respect as per the specifications.				
v.	ARD System with suitable battery , battery charger and other equipment etc complete as required./Emergency rescue device with audio announcer				

SI.	DESCRIPTION OF ITEMS	QTY	UNIT	RATES	AMOUNT
xviii	Standard				
	Correction drive to next level Emergency Alarm @ Main Floor Car Call backwards Overload function, constant indication/Buzzer Bypass load Function Auto Cut off Fan and Light Manual Rescue Operation Centralized Hoisting for lesser vibration and smooth travel Pit Ladder Micro movement Led Based Buttons L.W.D. (Load Weighing Device) Direction & Position Indicator In Car & Landing Advanced Car Position Indication Automatic Brake Test function every 11hours Every run brake supervision Phase reversal functioning Signal Fixtures +10% to -10% Voltage Fluctuation Withstanding Capacity Door Close Button Door Open Button Car Emergency Light Fireman Drive Curtain of Light 169 Beams Accurate Relevelling, Automatic, Closed Door E. With emerg opening device				
xix	Additional				
	Yes, Advanved Door Opening selected Emergency Rescue Device with audio announcer 2 Way Dedicated Intercom Nudging service Attendant Service Lift Announcer BMS Square Spot Light LED Access Control Provision Interface only Continuous, Priority call in car B, 2 Hours Fire rated Yes, Elec surge protection selected				
	Standard Limits for Lifts :				
a.	Rate of ACC / DEC : 1.0 M/Sec sq (Max.)				
b.	Jerk : 1.2 M/Sec Cu (Max.)				
c.	Car Vibration (Vertical / Horizontal) :20 / 6 mg (Max.)				
d.	Noice Level :				
i.	Car : 56 db (From 1 Meter distance)				
ii.	M/C Room : 75 db (From 1 Meter distance)				
e.	Level Accuracy : +/- 8 mm (Max)				
f.	Flight Time (For 3.0 Meter) : 7.0 Sec.				
	Total Amount (in Rs.) excluding GST				