



National Institute For Micro, Small and Medium Enterprises

(An organization of Ministry of MSME, Govt. of India)

(An ISO 9001:2015 certified organization)

Yousufguda, Hyderabad – 500 045

Annexure 1

Technical Specifications-1 - (Guest Room Blocks - Junction E & F)

Quantity	1 (One) unit(s)
Model	Synergy 1000 MRL
Assembled Product	Passenger Elevator
Capacity	6 persons, 408 kg
Speed	1.00 m/s
Stops & Openings	3 Stops, 3 Openings
Floor designations	G,1,2
Machine type & Location	Synergy1000 MRL - Gearless machine located in the Shaft on top of the guiderails
Control	Simplex Collective Selective Control
Drive	ACVVVF
Power supply	415 volts, 3 phase, 50Hz, AC
Car travel	Hoist way dimensions 1800mm wide x 1625mm deep 7000mm
Overhead	4000mm
Pit depth	1600mm
Car dimensions	1000 mm wide x 1100mm deep x 2200mm high
Door opening	800mm wide x 2000mm high
Car door	2 panel automatic center opening door with ACVF drive in Stainless steel Hairline finish
Landing door (Group1)	2 panel automatic center opening door in Hairline Stainless Steel finishes on 3 floors
Car design	Grace - All car walls in Stainless steel Hairline finish
Car suspended ceiling	Stainless steel Hairline finish with LED Panel for car Lighting
Car flooring	20mm recess provided for granite/marble flooring (by customer)
Handrail	Round handrail in Stainless steel finish provided on rear wall of car
Car operating panel	Half height
Landing operating panel	Individual landing operating panel for each elevator

Annexure 1
Technical Specifications-1

Features included:

1. Alarm button in car operating panel with battery back-up
2. Automatic operation for car fan
3. Adjustable door open time
4. Anti-nuisance (empty car)
5. Anti-nuisance (car call cancellation at direction reversal)
6. Blower fan in car for ventilation
7. Braille on push buttons
8. Car call cancellation by double pressing floor button in car operation panel
9. Door open and door close buttons in car operating panel
10. Door closing retries
11. Door nudging
12. Emergency light
13. Full load by-pass
14. Home landing
15. Infra-red screen for car door
16. Intercom
17. Jammed landing operating panel call button by-pass
18. Motor overheat protection
19. Overload function with audio-visual indication in car operating panel
20. Phase failure and phase reversal protection
21. Automatic rescue device in case of power failure
22. Attendant control
23. Red dot matrix scrolling display in car operating panel
24. Red dot matrix scrolling display in landing operating panel on All Floors
25. Fireman control



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Annexure 1

Technical Specifications-2 - (Guest Room Blocks - Junction D & E)

Quantity	1 (One) unit (s)
Model	Synergy 1000 MRL
Assembled Product	Passenger Elevator
Capacity	8 persons, 544 kg
Speed	1.00 m/s
Stops & Openings	3 Stops, 3 Openings
Floor designations	G,1,2
Machine type & Location	Synergy1000 MRL - Gearless machine located in the shaft on top of the guiderails
Control	Simplex Collective Selective Control
Drive	ACVVVF
Power supply	415 volts, 3 phase, 50Hz, AC
Hoist way dimensions	1800mm wide x 1720mm deep
Car travel	7000mm
Overhead	4000mm
Pit depth	1600mm
Car dimensions	1100 mm wide x 1300mm deep x 2200mm high
Door opening	800mm wide x 2000mm high
Car door	2 panel automatic center opening door with ACVF drive in Stainless steel Hairline finish
Landing door (Group1)	2 panel automatic center opening door in Hairline Stainless Steel finish on 3 floors
Car design	Grace - All car walls in Stainless steel Hairline finish
Car suspended ceiling	Stainless steel Hairline finish with LED Panel for car lighting
Car flooring	20mm recess provided for granite/marble flooring (by customer)
Handrail	Round handrail in Stainless steel finish provided on rear wall of car
Car operating panel	Full height - flush mounted
Landing operating panel	Individual landing operating panel for each elevator

Annexure 1

Technical Specifications-2

Features included:

1. Alarm button in car operating panel with battery back-up
2. Automatic operation for car fan
3. Adjustable door open time
4. Anti-nuisance (empty car)
5. Anti-nuisance (car call cancellation at direction reversal)
6. Blower fan in car for ventilation
7. Braille on push buttons
8. Car call cancellation by double pressing floor button in car operation panel
9. Door open and door close buttons in car operating panel
10. Door closing retries
11. Door nudging
12. Emergency light
13. Full load by-pass
14. Home landing
15. Infra-red screen for car door
16. Intercom
17. Jammed landing operating panel call button by-pass
18. Motor overheat protection
19. Overload function with audio-visual indication in car operating panel
20. Phase failure and phase reversal protection
21. Automatic rescue device in case of power failure
22. Attendant control
23. Red dot matrix scrolling display in car operating panel
24. Red dot matrix scrolling display in landing operating panel on All Floors
25. Fireman control