

Home Elevator Planning Guide

Designed by

ICARE Lift System

ICARE Lift System

Mumbai | Pune | Bangaluru | Hyderabad

8711882200 | 9819165922

info@icarelifts.com | www.icareifts.com

Overview

- About ICARE Lift System Pg 3 - 6
- Technologies for Home Lifts Pg 7 - 14
- Standard Sizes & Capacities Pg 15
- Design Options & Customizations Pg 16 - 19
- Order Process & Budgetary Pricing Pg 20 - 21
- Customer Scope of Works Pg 22
- Vendor Selection – Key Factors & Mistakes Pg 23 - 25
- Summary Q&A Pg 26 - 27



Customized Lifts | Elevator Solutions

Passenger Material Construction Lifts
Imported Home Lifts | Hydraulic Lifts
Glass Lifts | Car Lifts | Goods Lifts
Modernization | AMC & Repairs

QUALITY PRODUCTS FOR THE ELEVATOR INDUSTRY

MANUFACTURERS OF ALL TYPES OF ELEVATORS

LIFT SOLUTIONS FOR
HOME | PASSENGER | COMMERCIAL
GOODS | AUTOMOBILE | DUMBWAITER

★★★★★
TOTAL
TECHNICAL
ASSISTANCE
★★★★★

★★★★★
FACTORY
DIRECT
PRICES
★★★★★

★★★★★
COMPLETE
CNC BASED
MANUFACTURING
★★★★★

About – ICARE Lift System

- **Imported Home Lifts**

Villas ; Duplexes ; Bungalows

- **Commercial Capsule | Glass Lifts**

Commercial Buildings ; Retail Stores ; Hotels

- **Passenger & Car Lifts**

Residential & Commercial Buildings

- **Goods | Special Purpose Fire Lifts**

Industrial Complex ; Warehouses ; Factories

- **Passenger & Material Construction Lifts**

High Rise Projects > 15 Floors



Established 1989

50+ Yrs Founders Experience in Elevator Industry

Over **2500 Lifts** Installed across Mumbai, Pune, Bangaluru

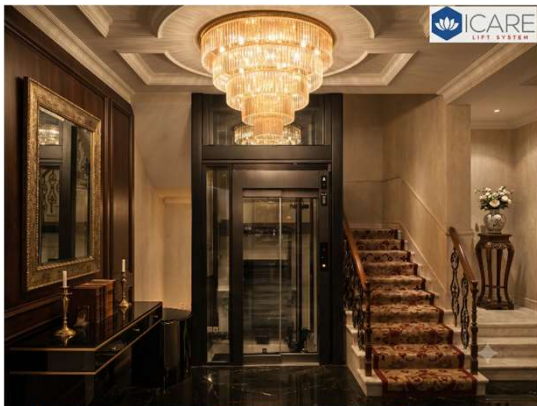
Combined Over **50,000** Floors Lifts Installed

Served Over **500** Leading Builders & Architects

Over **250 Cr** Business Executed

Customization | Imported Technology | Expertise | Professional Service Support

Some of Our Works :



[Click For Videos](#)

[Click For Profile](#)

Trusted by 500+ Builders and Architects



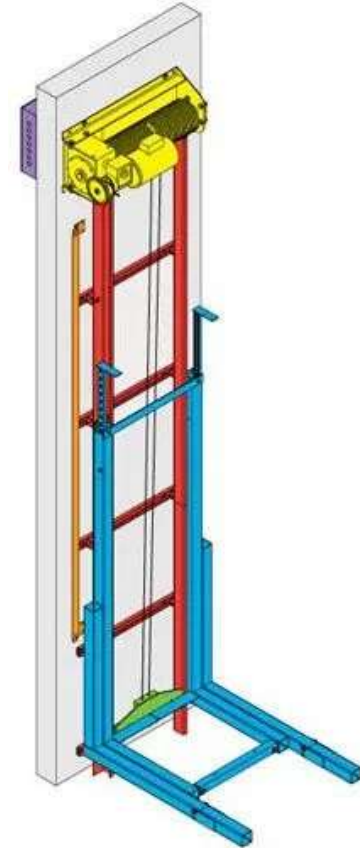
90% Repeat Clients | Economical Solutions | 24x7 Service Support

Technologies - Electric Traction [MRL]

Machine :	Imported Gearless / Geared Electric Drive Machine
Make :	Italian Imported + Proudly Make in India
Capacity :	2 – 3 / 4 - 6 / 6 – 8 Passengers ++
Speed :	0.3 - 1 mps [Min 10 Sec / Floor]
Travel :	2 – 5 Floors
Lift Shaft Size :	Min 1050 x 1050 MM – [Ideal 1350 x 1350 MM]
Cabin Size :	Min 900 x 600 MM – 2 Person
Machine Room :	Not Required Above Shaft
Shaft Design :	1 Wall Support – RCC / MS Fabrication + Glass Enclosure
Top Floor Height :	Min 3000 MM
Pit Depth :	Min 300 MM
Safety Features :	Auto Rescue Device + 3 Level Protection Devices
Price Range :	Rs 9 – 20 Lacs [Platform ; Manual ; Auto Door Options] –2 Stops

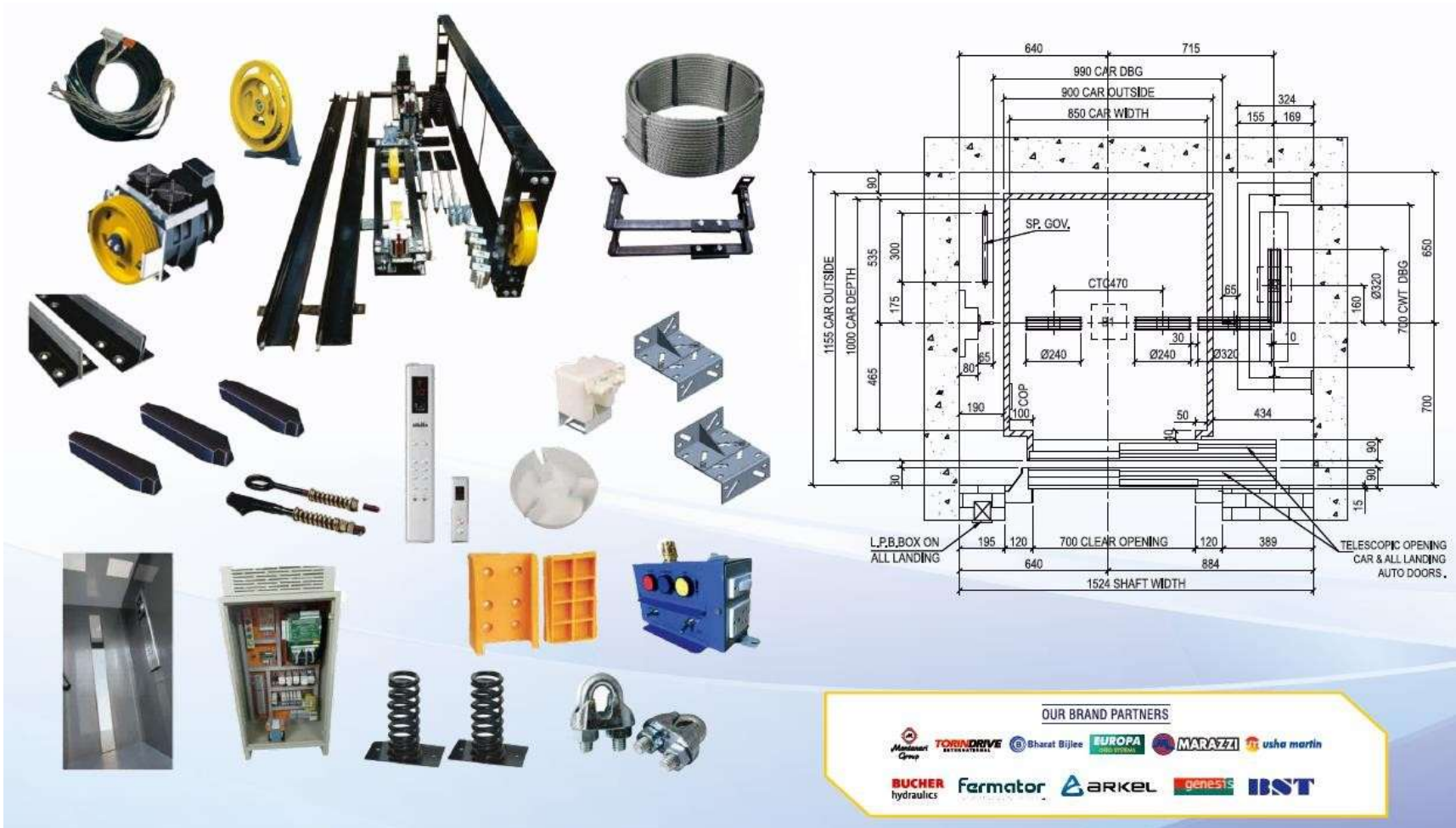
Other Details :

- | | | |
|------------------------|-------------------------|--|
| - Economical Solution | - Smooth Operation | - Low Noise Operation |
| - Space Saving Design | - Glass Cabin Design | - Manul & Auto Door Option |
| - 1 & 3 Phase Power | - Quick Installation | - Low Maintenance |
| - Local Spares Support | - Local Service Support | - Easy to Maintain Alternate Month / Quarterly |

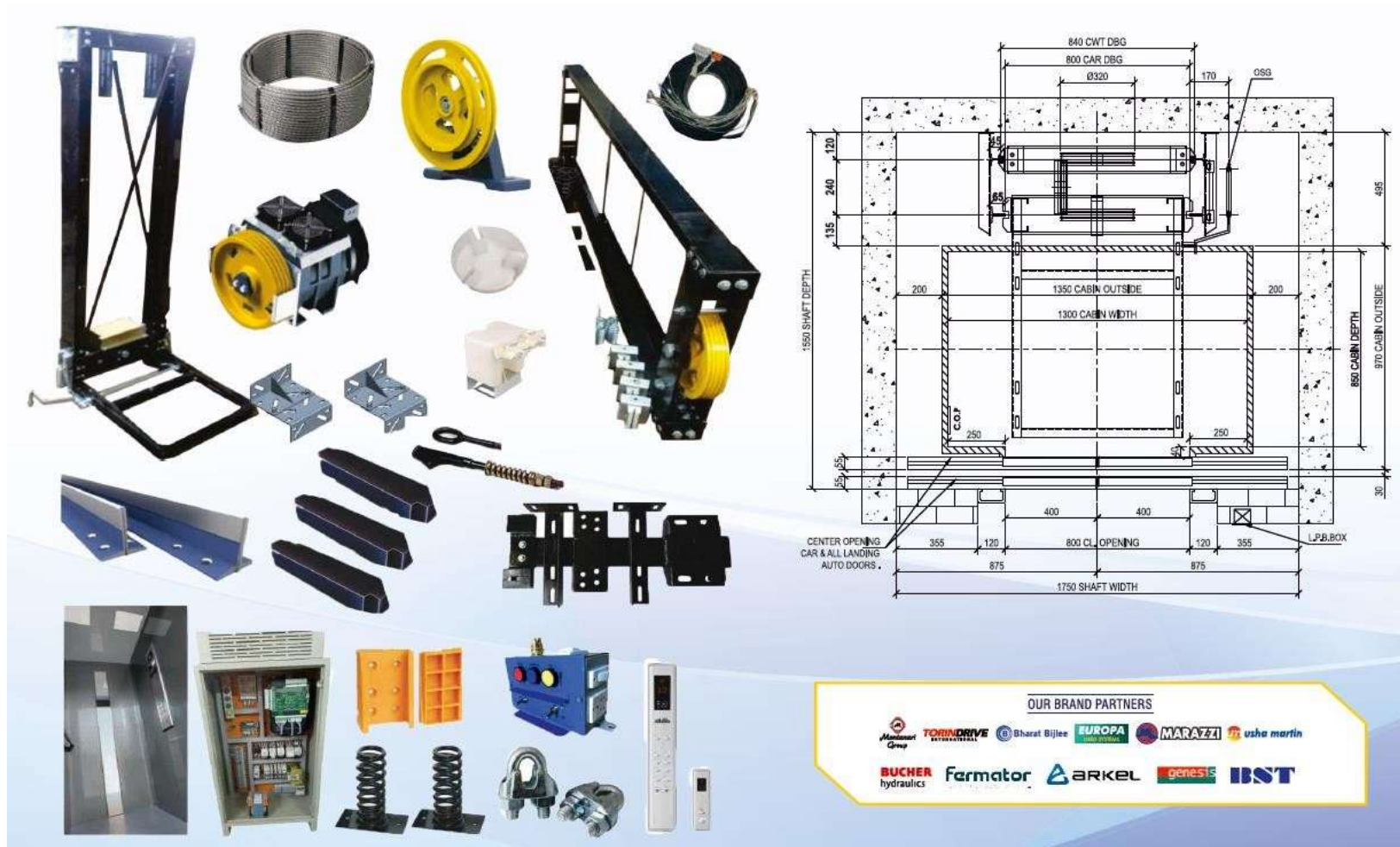


[Click For Videos](#) [Click For Profile](#)

Technologies - Electric Traction [MRL]



Technologies - Electric Traction [MRL]



EXPERIENCE THE SUPERIOR ITALIAN TECHNOLOGY

GEARED MACHINES FROM *Montanari*

READY STOCK

SAME DAY GUARANTEED DESPATCH



MG17

Synchronous gearless with
permanent magnets
Static load 2,000kg
Traction sheave 160mm
Load up to 480kg., 2:1,0.63



MG127S/M/ML/L

Synchronous gearless with
permanent magnets
Static load 1,600kg
Traction sheave 320mm
Load up to 1,224kg., 2:1,2.5M/SEC



MG137S/M/ML/L

Synchronous gearless with
permanent magnets
Static load 3,500kg
Traction sheave 320mm
Load up to S-1600/M-2000/ML-2500/L-3000



MDT96

Static Load 2050 kg
Capacity: 1.020 kg 2:1
Pulley: 400 mm
Gearless weight: 330 kg
Load up to : 1020kg



MDG 45 / 45-FG

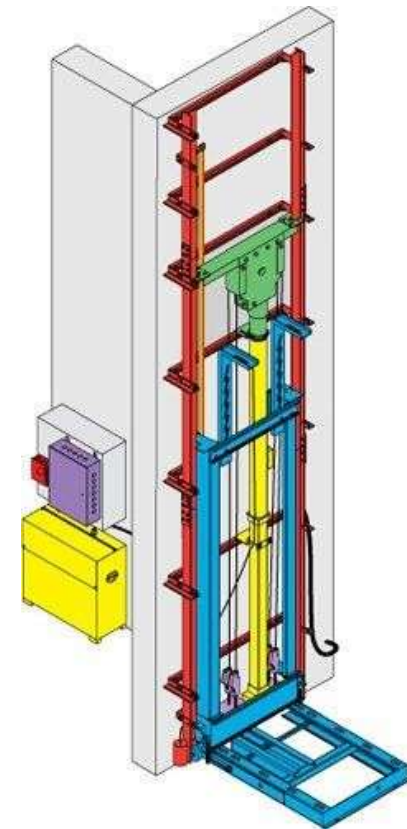
Static Load 2000 kg
Load 450 kg
Speed up to 1 m/s
Sheave 100 mm
Weight 95 kg

Technologies – Imported Hydraulic [MRL]

Machine :	Imported Hydraulic Oil Drive Powerpack Unit
Make :	Italian Imported + Proudly Make in India
Capacity :	2 – 3 / 4 - 6 / 6 – 8 Passengers ++
Speed :	0.2 - 0.5 mps [Min 10 Sec / Floor]
Travel :	Ideal 2 – 4 Floors
Lift Shaft Size :	Min 1050 x 1050 MM – [Ideal 1350 x 1350 MM]
Cabin Size :	Min 900 x 600 MM – 2 Person
Machine Room :	Outside Shaft for Powerpack Unit [1100 x 400 x 2000 MM]
Shaft Design :	1 Wall Support – RCC / MS Fabrication + Glass Enclosure
Top Floor Height :	Min 2500 MM
Pit Depth :	Min 250 MM
Safety Features :	Auto Rescue Device + 3 Level Protection Devices
Price Range :	Rs 9 – 20 Lacs Plus [Platform ; Manual ; Auto Door Options] – 2 Stops

Other Details :

- | | | |
|------------------------|-------------------------|--|
| - Economical Solution | - Smooth Operation | - Low Noise Operation |
| - Space Saving Design | - Glass Cabin Design | - Manul & Auto Door Option |
| - 1 & 3 Phase Power | - Quick Installation | - Low Maintenance |
| - Local Spares Support | - Local Service Support | - Easy to Maintain – Alternate Month / Quarterly |



[Click For Videos](#) [Click For Profile](#)

Technologies – Imported Hydraulic [MRL]

OUR PRODUCTS

POWER UNITS



PISTONS



CAR FRAMES



EUROPA
OLEO SYSTEMS



Technologies – Imported Vacuum

Machine :	Imported Vacuum Lift – Air Drive Unit	
Make :	Italian Imported + Proudly Make in India	
Capacity :	2 – 3 Passengers	
Speed :	0.15	
Travel :	Max 5 Floors	
Lift Shaft Size :	950 MM Diameter Round	
Cabin Size :	800 MM Diameter Round – 2 Person	
Machine Room :	Outside Shaft for Air Turbine Unit	
Shaft Design :	Self Wall Support Glass Enclosure	
Top Floor Height :	Min 2700 MM	
Pit Depth :	Min 50 MM	
Safety Features :	Auto Rescue Device + 3 Level Protection Devices	
Price Range :	Rs 15-20 Lacs Plus [ONLY Manual Door Option] – 2 Stops	
Other Details :		
- Slow Speed Design	- Smooth Operation	- High Noise Operation
- Unique Round Design	- Only Manual Door	- Transparent PC Sheet
- 1 Phase Power	- Quick Installation	- Low Maintenance
- Imported Spares	- Imported Service	- Complex Maintenance



[Click For Videos](#) [Click For Profile](#)

Ideal Sizes for Home Lifts – All Technologies

Capacity : 1 – 2 Passengers [NO WHEELCHAIR]

Lift Shaft Size : Min - 1050 x 1050 MM
Ideal - 1200 x 1200 MM

Cabin Size : Min 750 x 600 MM
Ideal 900 x 750 MM

Capacity : 2 – 3 Passengers [WITH COMPACT WHEELCHAIR]

Lift Shaft Size : Min - 1200 x 1200 MM
Ideal - 1350 x 1350 MM

Cabin Size : Min 750 x 750 MM
Ideal 900 x 900 MM

Capacity : 4 – 6 Passengers [WITH STANDARD WHEELCHAIR]

Lift Shaft Size : Min - 1350 x 1350 MM
Ideal - 1600 x 1600 MM

Cabin Size : Min 900 x 900 MM
Ideal 1050 x 1050 MM

**Lifts can be Customised as per
the Actual Sizes Available at Site**

Interior Design Options – Standard Cabins

CABINS

MS POWDER COATED



SS HAIR LINE



SS MIRROR CABIN



SS DESIGNER CABIN



POWDER COATINGS

 ORCHID BLUE	 SALMON BROWN	 SLATE BLUE	 DRAB GREEN	 YELLOW ORANGE	 LIGHT GRAY
 SILVER GRAY	 ICE BLUE	 PALE GREEN	 PALE BROWN	 MOCHA BEIGE	 LENIN CREAM

SS FINISH

 HAIRLINE	 MOON ROCK
 GOLD MIRROR NO. 8	 ROSE GOLD MIRROR

PRE-LAMINATED FINISH

 DL 5	 DL 96CE
 DL 87	 DL 42E

ETCHED SS FINISH

 NS-058	 NS-019
 NS-060 (G)	 NS-022 (G)

GLASS + HANDRAIL

 HALF HEIGHT	 FULL HEIGHT
--	--

Interior Design Options – Capsule Glass Cabins



Interior Design Options – Doors

**A
U
T
O
D
O
O
R
S**



AUTO DOOR



VISION AUTO DOOR



PRE-LAMINATED



FRAMED GLASS DOOR



FULL GLASS DOOR

Fermator
AUTOMATIC DOORS FOR LIFTS
genesis

**S
W
I
N
G
&
T
M
D**



SWING DOOR



TMD

**M
A
N
U
A
L**



COLLAPSIBLE GATE



IMP MANUAL DOOR



FRAMES

**A
C
C
E
S
S
O
R
I
E
S**



GATE LOCKS



DOOR CAM



DOOR KEY



DOOR LOCKS

Exterior Design Options – Lift Structure [If No Wall Support]



Order Process



Material Production : Min 15 – 40 Days [Staggered Deliveries or Full Delivery As per Specifications & Terms]
Installation Period : Min 20 – 30 Days [As per Specifications & Terms]
Order to Handover : 2 - 3 Month [Ideally 15 Days Buffer Extra for Misc Issues]

Always Plan & Finalise as Early as Possible, so Sufficient Time is allotted to Quality Checking & Inspection

Express Delivery Option is Available for Faster Order to Handover Period

Budgetary Price Range – G+1 [2 Floors / Stops] – Up to 4 Passenger

Standard Machine Design is for Minimum 4 Passengers; 2-4 Passengers / 272 KG - Design Options & Pricing

Design 1 : SS Cabin + SS AUTO Door

PriceRange: Electric Traction :Rs 9 – 10 Lacs
Hydraulic: Rs 9 – 10 Lacs
Vacuum : NA

ExtraFloors: Approx1 LacsExtraPerFloor
Structure: Rs1L PerFloor[IfRequired]
ExtraOptions : GlassCabin&Doors

Design 2 : Glass Cabin + Glass AUTO Door

PriceRange: Electric Traction :Rs 10 – 12 Lacs
Hydraulic: Rs 10 – 12 Lacs
Vacuum : Rs 15 – 16 Lacs

ExtraFloors: Approx1 Lacs ExtraPerFloor
Structure: Rs1L PerFloor[IfRequired]
ExtraOptions: NA

We can Customised Lifts as per your Design, Site Survey and Within your Budget from 9 – 20 Lacs

1 Year FreeFull Comprehensive Maintenance + 1 Year Extended Warranty* On Manufacturing Defects

*DoesnotCoverAccidentalorHumanErrorDamage,WillfulDamage,DamageDue toWater orOtherNaturalForceMajeureConditions

Client Scope Works – Turnkey

Scaffolding :	Bamboo or MS Scaffolding as per ICARE Drawing
Civil :	Clean & Clear Lift Shaft, Lit Pit & White Wash [As Required] Minor Civil Works for Door Lintel, Door Frame as per ICARE Drawing Core Cutting Slab to Create Shaft or Any Minor works as per Site Requirements
Electrical :	3 Phase & Single Phase Power Supply Connection near Control Panel Dedicated connection with MCB, ELCB & Earthing Bulkhead Sockets inside Lift Shaft [As Required]
Fabrication :	MS Lift Shaft Fabrication in case of No Wall Support or Free Standing Structure Minor Fabrication Required as per Site Requirements ACP or Glass Cladding of Lift Enclosure [As Required]
Store Room :	Dedicated & Secure Store Room for Material & Tools at site
MISC :	Any Other Point Related to Site not covered in Above Points
NOTE :	All Above Points are Client Scope Points However, to provide a Peaceful experience, We can arrange the same for Extra Convenience Fees

We can provide Full Turnkey Solution- One Point Contact for All site Readiness Points for Extra Convenience Fees

AVOID THESE MISTAKES!! – Elevator Vendor Selection for Long-Term Success

- **Selecting the Right Elevator Vendor in a Market Flooded with Low Price Options is Extremely Critical**
- **Elevators are more than Commodities**, playing a vital role in **Safety, Convenience, and Efficiency**.
- Opting for **the Lowest Price might** promise Short-term savings but can lead to enduring Challenges and Pain.

7 KEY FACTORS - for Reliability, Efficiency, and Long Term Success

1. Material Quality :

Why it Matters :	Quality materials underpin elevator durability, safety, and long-term performance.
Low Price Compromise:	Subpar materials lead to premature wear, frequent malfunctions, and compromised passenger safety.
Our Commitment :	We source and utilize premium materials, ensuring our elevators meet stringent industry standards, minimizing the risk of breakdowns.

2. Installation Quality :

Why it Matters:	Proper installation ensures optimal performance and safety.
Low Price Compromise :	Rushed or unskilled installation can lead to frequent breakdowns and compromised passenger safety.
Our Assurance:	Our trained technicians adhere to industry best practices, ensuring smooth operation and long-term reliability.

Focus on Quality & Safety

KEY FACTORS!! – Elevator Vendor Selection for Long-Term Success

3. Maintenance Quality :

Why it Matters: Regular, professional maintenance enhances elevator lifespan and minimizes unexpected repairs.
Low Price Compromise : Neglecting maintenance leads to increased downtime, escalating repair costs, and shortened elevator life.

Our Approach: Our proactive maintenance approach, backed by expert teams and scheduled check-ups, guarantees uninterrupted service

4. Professional Service :

Why it Matters: Choosing reputable professionals affects costs and outcomes.
Low Price Compromise : Inexperienced teams compromise installation quality, leading to safety concerns and inefficient operation.

Our Expertise: Our seasoned professionals bring years of experience, ensuring every aspect from installation to maintenance is handled with precision.

5. Total Cost of Ownership :

Why it Matters: An all-encompassing view of costs includes initial, operational, and maintenance expenses.
Low Price Compromise : Opting for cheaper alternatives often results in higher long-term costs due to frequent repairs and replacements.

Our Approach: Our solutions prioritize quality materials and components, reducing TCO through extended lifespan and fewer disruptions.

Focus on Long Term Total Cost of Ownership

KEY FACTORS!! – Elevator Vendor Selection for Long-Term Success

6. Safety Features :

Why it Matters:	Elevator Safety is Non Negotiable for Passenger well-being. Advanced Safety Features minimize Accidents and Ensure Secure Operations.
Low Price Compromise :	Opting for low-cost vendors often sacrifices Safety. Cheap alternatives Lack Crucial Safety Mechanisms, Risking Passenger Lives.
Our Pledge to Safety :	We prioritize safety above all else. Our solutions integrate cutting-edge safety features for reliable and secure elevator usage.

7. Service & Financial Capability : **Most Neglected**

Why it Matters :	Review Service Portfolio, Expertise and Experience, Client References, Technician Training Review Financial Statements, Credit Rating, Business History, Size of Operations Partnering with a Capable & Financially Stable Vendor reduces the risk of sudden service interruptions, in case of key personnel changes or departures and reduces dependency on a limited pool of experts. Financially Strong vendors invest in Skilled Trainings, R&D, ensuring the Vendor's Longevity in the market
Low Price Compromise :	Low-cost vendors may lack the personnel and financial resources for swift service and spare support. Cost-cutting can lead to hiring less experienced technicians and skimping on regular maintenance efforts. Poor service capability leads to frequent operational disruptions. Savings from a low-cost vendor are negated by ongoing repair and maintenance costs.
Our Pledge :	We Prioritize Financially Sustainable Business Processes, to Deliver Long Term Success

Focus on Long Term Capability

SUMMARY –

			MRL Gearless	Hydraulic	Vacuum*
1	Drive Technology		Electric	Hydraulic Oil	Pneumatic Air
2	Extra Machine Room Above		No	No. Outside Shaft	No
3	Min Top Floor Clear Height		3000 MM	3000 MM	3000 MM
4	Pit or Step Up		300 MM	250 MM	50 MM
5	Best Ride Quality		1 st Preference	2 nd Preference	3 rd Preference
6	Low Maintenance		1 st	1 st	3 rd
7	Levelling Accuracy		1 st	2 nd	3 rd
8	Ease of Installation		3 rd	1 st	2 nd
9	Year in Indian Market		> 15 Yrs	> 15 Yrs	Imported > 10 Yrs Indian < 3 Yrs
10	Spare Parts Availability		1 st	1 st	3 rd
11	Third Party Maintainability		1 st	1 st	3 rd
12	Low Operating Noise		1 st	2 nd	3 rd
13	Low Operating Cost		1 st	1 st	3 rd

SUMMARY –

			MRL Gearless	Hydraulic	Vacuum*
	Drive Technology		Electric	Hydraulic Oil	Pneumatic Air
14	AutoDoor Option		Yes	Yes	No
15	Speed		0.5 – 1 mps	0.3 – 0.5 mps	0.15 mps
16	Max Floors Recommended		7 Floors	4 Floors	3 Floors
17	Auto Rescue Device – Safety		Yes	Yes	Yes
18	Overall Safety Features		1st	1st	1st
19	Complete Order to Hand Over Time		Min 45 – 60 Days	Min 30 – 45 Days	Min 60 – 75 Days
20	Space Efficiency		3rd	1st	1st
21	Design Flexibility & Customization		1st	1st	3rd
22	Interior & Exterior Design Options		1st	1st	3rd
23	Power Supply		1 & 3 Phase	1 & 3 Phase	1 Phase
24	License Approval		Yes PWD	Yes PWD	
25	Price[Lift+StructureifRequired]		Rs 9 – 12 Lacs + GST	Rs 9 – 12 Lacs + GST	Rs 15 – 16 Lacs + GST

All Technology have their Pros & Cons. Site Situation & Client Budget will Help Determine the Best Solution Possible.
Call Us for Site Survey & Transfer your Responsibility to ICARE. Your Reliable Turnkey Lift Solution Provider

Thank You

Contact Us for Any Questions or Requirements – Free Consultation [Call or Zoom] + Site Survey

ICARE Lift System

Omckar Desae, Director

8711882200 | 9819165922

info@icarelifts.com | www.icareifts.com

Mumbai | Pune | Bangaluru | Hyderabad