



Containerized Data Center

APPROVED SIX-SIZE V1 FAMILY

- Six buyer-facing GA boards
- Windowless flat-roof container envelope
- 2 to 12 rack-bay planning options
- Budgetary shell pricing from verified workbook



Six approved V1 planning options

All six V1 GAs were explicitly approved by the user on 23 August 2026. Geometry shown here is a planning and buyer-coordination authority, not a substitute for project-specific engineering or fabrication drawings.

Option ID	Nominal envelope	Rack	Cooling	Doors	Ex-GST (INR)	Incl. GST (INR)
CDC-10-EDGE-02R-V1	10 x 8 x 8.5 ft	2	1	1	453,600	535,248
CDC-20-EDGE-04R-V1	20 x 8 x 8.5 ft	4	2	1	792,000	934,560
CDC-20-HC-AIO-04R-V1	20 x 8 x 9.5 ft HC	4	2	1	792,000	934,560
CDC-40-ISO-08R-V1	40 x 8 x 8.5 ft	8	2	2	1,368,000	1,614,240
CDC-40-HC-10R-V1	40 x 8 x 9.5 ft HC	10	3	2	1,368,000	1,614,240
CDC-53-HD-12R-V1	53 x 8 x 9.5 ft planning	12	4	2	1,793,520	2,116,354

Commercial basis

The revised workbook uses the user-approved base rate of INR 4,500 per sq.ft. and retains the workbook size-band multipliers. Prices are budgetary infrastructure-shell values. Active IT racks, servers, UPS, batteries, cooling equipment, fire systems, network hardware, monitoring, cables and certifications remain excluded unless separately quoted.

Container envelope

- ISO/container steel material family
- Flat ISO roof for every approved size
- Structural corner posts and ISO corner fittings
- Corrugated weather skin and solid End C / End D
- Zero exterior windows

Openings and zoning

- Secure external doors only on Wall A
- Cooling/service louvres only on Wall B
- Single-row IT equipment planning
- Wall B hot-return side; Wall A cold/service aisle
- Power/white-space partitions where shown by GA

Project-controlled selections

- Rack/cabinet manufacturer and dimensions
- Electrical load, protection and cable schedule
- UPS capacity, runtime and battery chemistry
- Heat load, cooling duty and redundancy
- Fire strategy, monitoring and certification

Engineering boundary

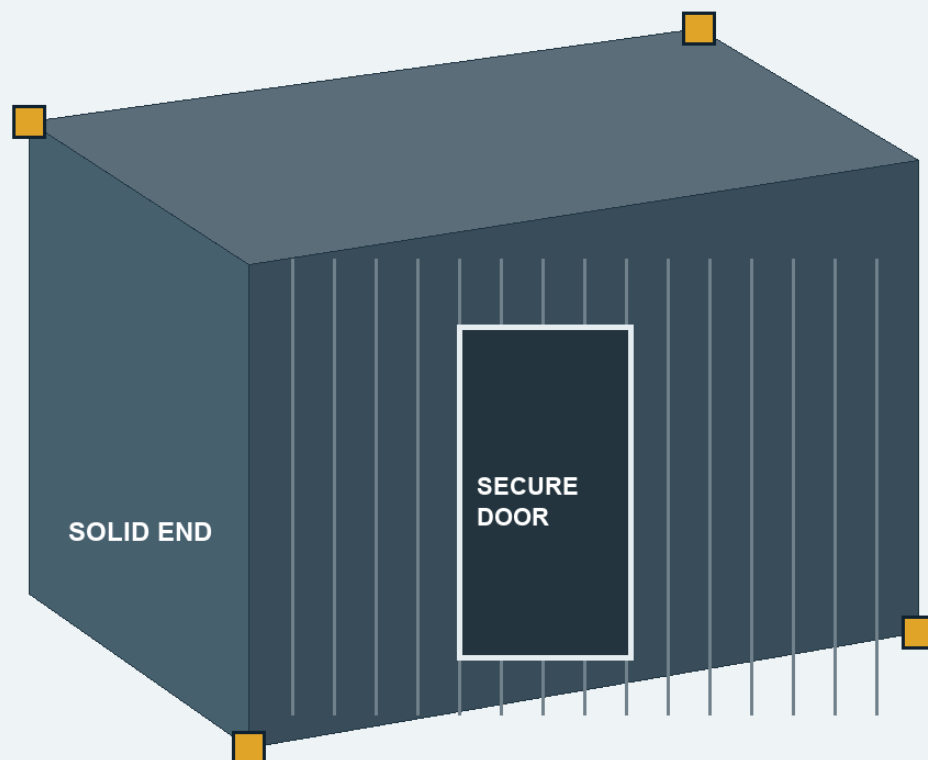
These materials and layouts are buyer coordination information only. Final structural adequacy, load capacity, fabrication details, lifting, electrical safety, fire performance and environmental control must follow signed project engineering and approved shop drawings.

Containerized Data Center — Envelope Construction

Windowless shell • flat ISO roof • controlled penetrations

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Buyer coordination guide



1

Primary ISO frame

Corner posts, top/bottom rails and ISO corner fittings form the transport envelope.

2

Weather envelope

Corrugated steel skin, flat roof and sealed controlled penetrations; no exterior windows.

3

Thermal interior build-up

Insulation, vapour/condensation control and clean internal liner selected to the project environment.

4

Raised/support floor coordination

Equipment bases, cable routes and service clearances coordinated to the approved load and equipment schedule.

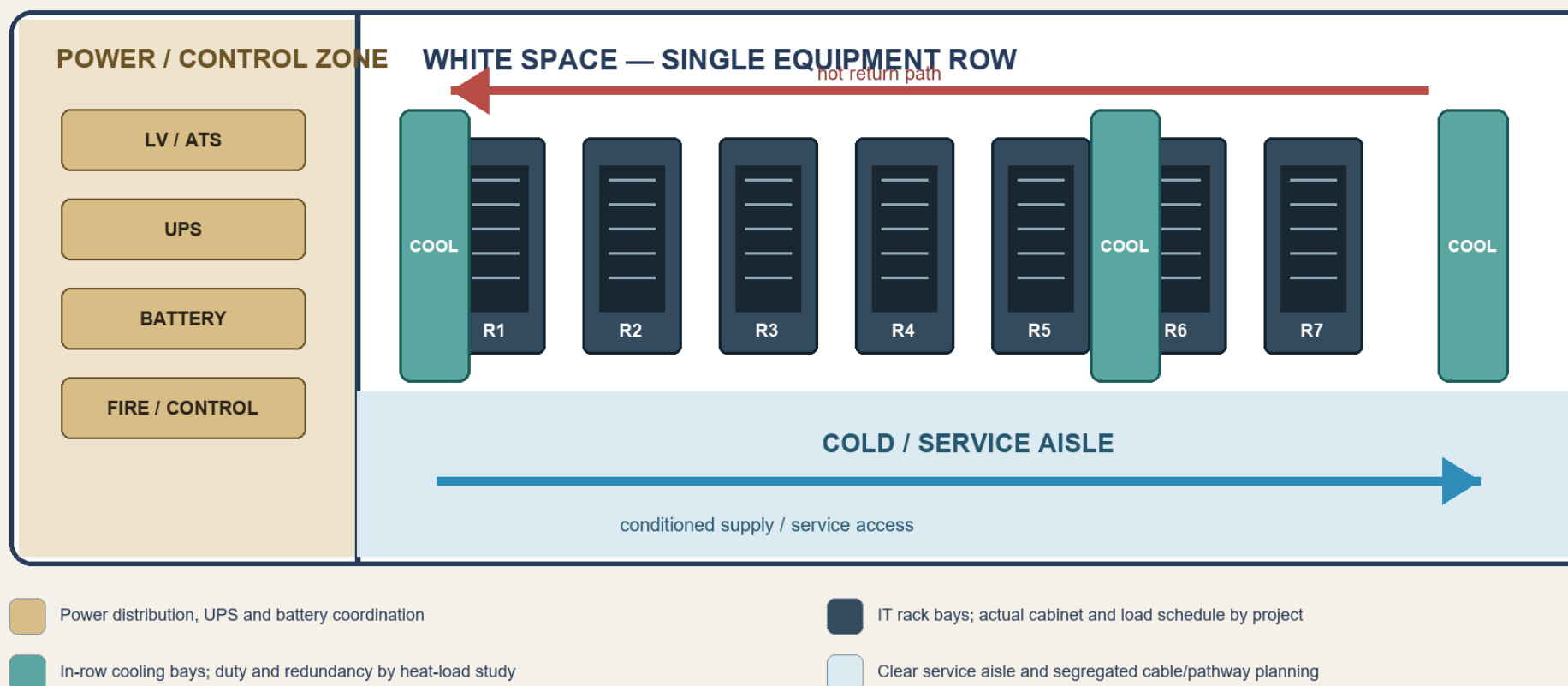
Illustrative coordination only — final project engineering, approved shop drawings, qualified procedures and final load schedules govern.

Containerized Data Center — Systems Coordination

Typical planning zones; equipment selection and capacities remain project-specific

SAMAN

Buyer coordination guide

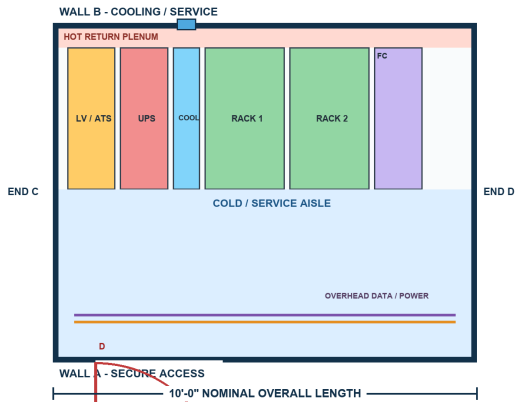


Illustrative coordination only — final project engineering, approved shop drawings, qualified procedures and final load schedules govern.

SAMAN | CONTAINERIZED DATA CENTER
10 FT EDGE DATA CENTER CONTAINER

CDC-10-EDGE-02R-V1
GA APPROVAL CANDIDATE - NOT FOR FABRICATION
NOMINAL 10'-0" x 8'-0" x 8'-06"

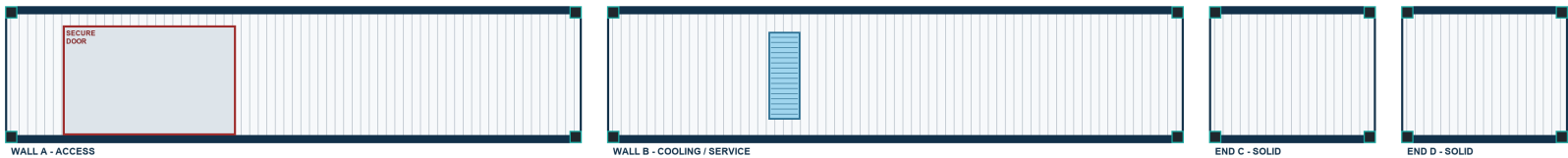
GENERAL ARRANGEMENT PLAN



LOCKED OPTION SCHEDULE

STATUS	CANDIDATE - USER APPROVAL REQUIRED
ROOF	FLAT ISO CONTAINER ROOF
WINDOWS	ZERO - ALL WALLS WINDOWLESS
EXTERNAL DOORS	1 ON WALL A ONLY
END WALLS	SOLID; NO DOOR / NO WINDOW
IT RACK BAYS	2
IN-ROW COOLING	1 COORDINATION BAYS
POWER ZONE	LV/ATS + UPS + BATTERY INTERFACE
PATHWAYS	SEPARATE OVERHEAD POWER + DATA
HEIGHT FAMILY	STANDARD HEIGHT

ALL FOUR WALL ELEVATIONS - OPENING IDENTITY CONTROL



TECHNICAL / IMAGE-PRODUCTION LOCKS

- One immutable building model: exterior and interior openings remain at identical coordinates in every view.
- No office glazing. Wall A carries the secure personnel/equipment access door schedule; Wall B carries only GA-aligned cooling/service openings.
- Single-row IT layout with hot-return plenum and cold/service aisle. Camera views must preserve the long-axis proportions.
- Racks, UPS, batteries, cooling, fire systems, network and monitoring shown for fit-out coordination; supply is excluded unless separately quoted.
- Final IT load, rack density, UPS runtime/redundancy, cooling duty, fire strategy, door rating, penetration sizes and structural adequacy require project engineering.
- 53-ft elevation uses a nominal high-cube planning envelope; actual source-container dimensions must be verified before fabrication release.

BUDGETARY SHELL PRICE

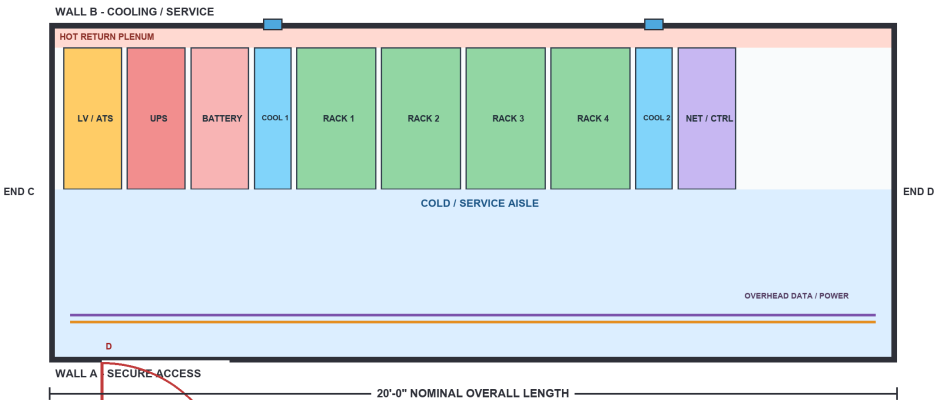
APPROVED BASE RATE
Rs 4,500 / sq.ft.
SIZE-BAND ADJUSTED PRICE
Rs 453,600 EX GST
Rs 535,248 INCL 18% GST

Infrastructure shell and basic pathways only. Active data-center systems, transport, foundations, installation, testing and certification are excluded unless quoted.

SAMAN | CONTAINERIZED DATA CENTER
20 FT EDGE DATA CENTER CONTAINER

CDC-20-EDGE-04R-V1
GA APPROVAL CANDIDATE - NOT FOR FABRICATION
NOMINAL 20'-0" x 8'-0" x 8'-06"

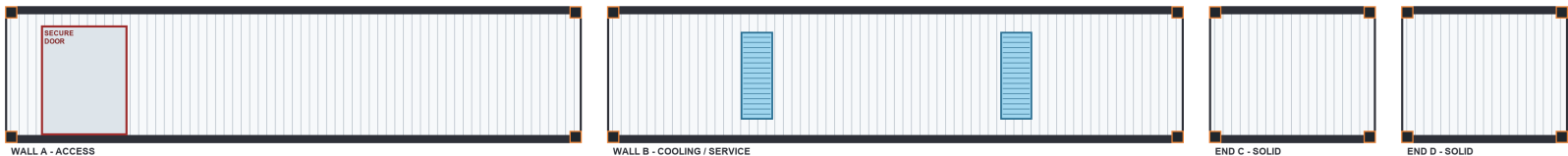
GENERAL ARRANGEMENT PLAN



LOCKED OPTION SCHEDULE

STATUS	CANDIDATE - USER APPROVAL REQUIRED
ROOF	FLAT ISO CONTAINER ROOF
WINDOWS	ZERO - ALL WALLS WINDOWLESS
EXTERNAL DOORS	1 ON WALL A ONLY
END WALLS	SOLID; NO DOOR / NO WINDOW
IT RACK BAYS	4
IN-ROW COOLING	2 COORDINATION BAYS
POWER ZONE	LV/ATS + UPS + BATTERY INTERFACE
PATHWAYS	SEPARATE OVERHEAD POWER + DATA
HEIGHT FAMILY	STANDARD HEIGHT

ALL FOUR WALL ELEVATIONS - OPENING IDENTITY CONTROL



TECHNICAL / IMAGE-PRODUCTION LOCKS

- One immutable building model: exterior and interior openings remain at identical coordinates in every view.
- No office glazing: Wall A carries the secure personnel/equipment access door schedule; Wall B carries only GA-aligned cooling/service openings.
- Single-row IT layout with hot-return plenum and cold/service aisle. Camera views must preserve the long-axis proportions.
- Racks, UPS, batteries, cooling, fire systems, network and monitoring shown for fit-out coordination; supply is excluded unless separately quoted.
- Final IT load, rack density, UPS runtime/redundancy, cooling duty, fire strategy, door rating, penetration sizes and structural adequacy require project engineering.
- 53-ft elevation uses a nominal high-cube planning envelope; actual source-container dimensions must be verified before fabrication release.

BUDGETARY SHELL PRICE

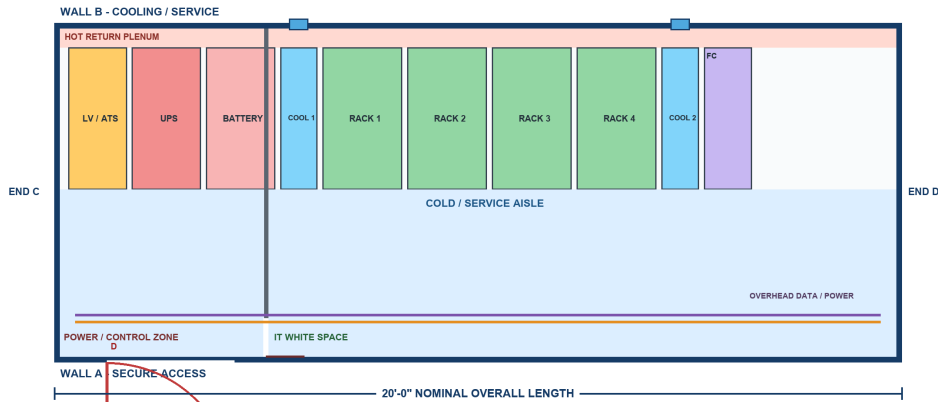
APPROVED BASE RATE
Rs 4,500 / sq.ft.
SIZE-BAND ADJUSTED PRICE
Rs 792,000 EX GST
Rs 934,560 INCL 18% GST

Infrastructure shell and basic pathways only. Active data-center systems, transport, foundations, installation, testing and certification are excluded unless quoted.

SAMAN | CONTAINERIZED DATA CENTER
20 FT HIGH CUBE ALL-IN-ONE DATA CENTER

CDC-20-HC-AIO-04R-V1
GA APPROVAL CANDIDATE - NOT FOR FABRICATION
NOMINAL 20'-0" x 8'-0" x 9'-06"

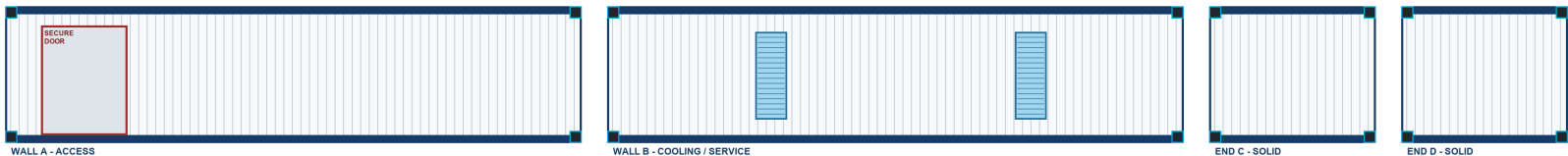
GENERAL ARRANGEMENT PLAN



LOCKED OPTION SCHEDULE

STATUS	CANDIDATE - USER APPROVAL REQUIRED
ROOF	FLAT ISO CONTAINER ROOF
WINDOWS	ZERO - ALL WALLS WINDOWLESS
EXTERNAL DOORS	1 ON WALL A ONLY
END WALLS	SOLID; NO DOOR / NO WINDOW
IT RACK BAYS	4
IN-ROW COOLING	2 COORDINATION BAYS
POWER ZONE	LV/ATS + UPS + BATTERY INTERFACE
PATHWAYS	SEPARATE OVERHEAD POWER + DATA
HEIGHT FAMILY	HIGH CUBE

ALL FOUR WALL ELEVATIONS - OPENING IDENTITY CONTROL



TECHNICAL / IMAGE-PRODUCTION LOCKS

- One immutable building model: exterior and interior openings remain at identical coordinates in every view.
- No office glazing. Wall A carries the secure personnel/equipment access door schedule; Wall B carries only GA-aligned cooling/service openings.
- Single-row IT layout with hot-return plenum and cold/service aisle. Camera views must preserve the long-axis proportions.
- Racks, UPS, batteries, cooling, fire systems, network and monitoring shown for fit-out coordination; supply is excluded unless separately quoted.
- Final IT load, rack density, UPS runtime/redundancy, cooling duty, fire strategy, door rating, penetration sizes and structural adequacy require project engineering.
- 53-ft elevation uses a nominal high-cube planning envelope; actual source-container dimensions must be verified before fabrication release.

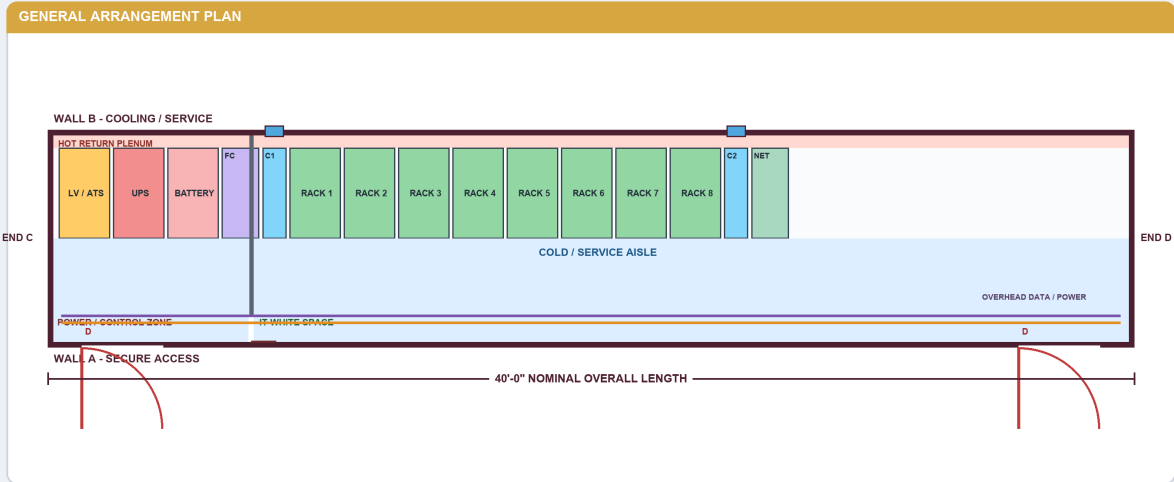
BUDGETARY SHELL PRICE

APPROVED BASE RATE
Rs 4,500 / sq.ft.
SIZE-BAND ADJUSTED PRICE
Rs 792,000 EX GST
Rs 934,560 INCL 18% GST

Infrastructure shell and basic pathways only. Active data-center systems, transport, foundations, installation, testing and certification are excluded unless quoted.

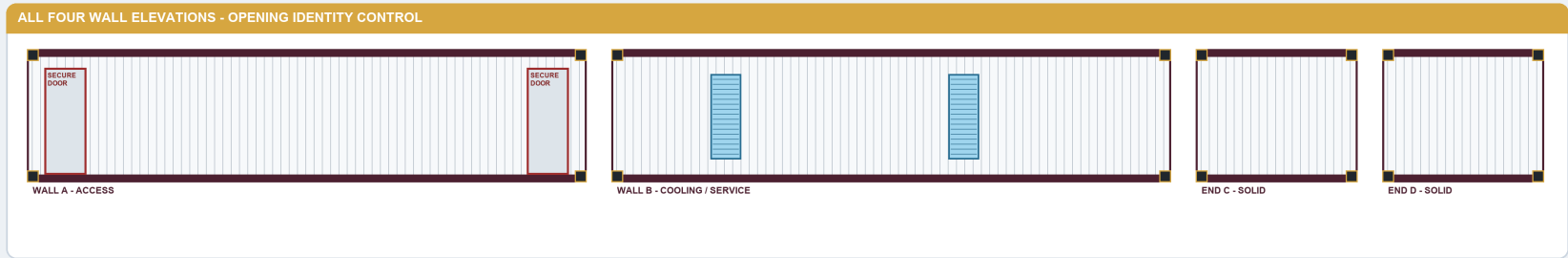
SAMAN | CONTAINERIZED DATA CENTER
40 FT ISO DATA CENTER CONTAINER

CDC-40-ISO-08R-V1
GA APPROVAL CANDIDATE - NOT FOR FABRICATION
NOMINAL 40'-0" x 8'-0" x 8'-06"



LOCKED OPTION SCHEDULE

STATUS	CANDIDATE - USER APPROVAL REQUIRED
ROOF	FLAT ISO CONTAINER ROOF
WINDOWS	ZERO - ALL WALLS WINDOWLESS
EXTERNAL DOORS	2 ON WALL A ONLY
END WALLS	SOLID; NO DOOR / NO WINDOW
IT RACK BAYS	8
IN-ROW COOLING	2 COORDINATION BAYS
POWER ZONE	LV/ATS + UPS + BATTERY INTERFACE
PATHWAYS	SEPARATE OVERHEAD POWER + DATA
HEIGHT FAMILY	STANDARD ISO HEIGHT



- TECHNICAL / IMAGE-PRODUCTION LOCKS
- One immutable building model: exterior and interior openings remain at identical coordinates in every view.
 - No office glazing. Wall A carries the secure personnel/equipment access door schedule; Wall B carries only GA-aligned cooling/service openings.
 - Single-row IT layout with hot-return plenum and cold/service aisle. Camera views must preserve the long-axis proportions.
 - Racks, UPS, batteries, cooling, fire systems, network and monitoring shown for fit-out coordination; supply is excluded unless separately quoted.
 - Final IT load, rack density, UPS runtime/redundancy, cooling duty, fire strategy, door rating, penetration sizes and structural adequacy require project engineering.
 - 53-ft elevation uses a nominal high-cube planning envelope; actual source-container dimensions must be verified before fabrication release.

BUDGETARY SHELL PRICE

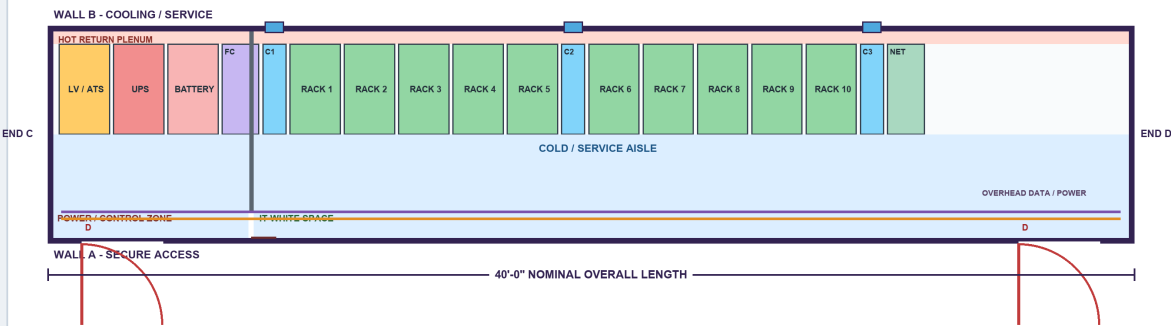
APPROVED BASE RATE
Rs 4,500 / sq.ft.
SIZE-BAND ADJUSTED PRICE
Rs 1,368,000 EX GST
Rs 1,614,240 INCL 18% GST

Infrastructure shell and basic pathways only. Active data-center systems, transport, foundations, installation, testing and certification are excluded unless quoted.

SAMAN | CONTAINERIZED DATA CENTER
40 FT HIGH CUBE DATA CENTER CONTAINER

CDC-40-HC-10R-V1
GA APPROVAL CANDIDATE - NOT FOR FABRICATION
NOMINAL 40'-0" x 8'-0" x 9'-06"

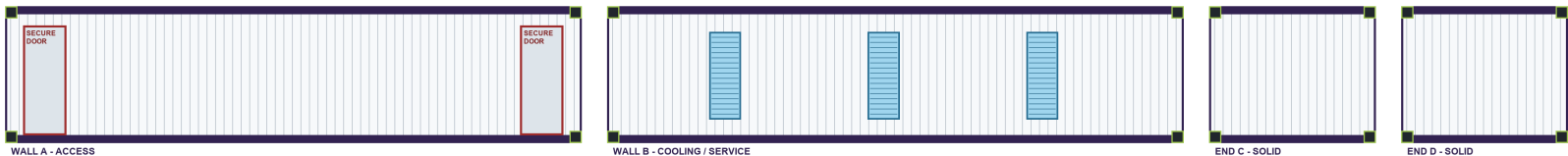
GENERAL ARRANGEMENT PLAN



LOCKED OPTION SCHEDULE

STATUS	CANDIDATE - USER APPROVAL REQUIRED
ROOF	FLAT ISO CONTAINER ROOF
WINDOWS	ZERO - ALL WALLS WINDOWLESS
EXTERNAL DOORS	2 ON WALL A ONLY
END WALLS	SOLID; NO DOOR / NO WINDOW
IT RACK BAYS	10
IN-ROW COOLING	3 COORDINATION BAYS
POWER ZONE	LV/ATS + UPS + BATTERY INTERFACE
PATHWAYS	SEPARATE OVERHEAD POWER + DATA
HEIGHT FAMILY	HIGH CUBE

ALL FOUR WALL ELEVATIONS - OPENING IDENTITY CONTROL



TECHNICAL / IMAGE-PRODUCTION LOCKS

- One immutable building model: exterior and interior openings remain at identical coordinates in every view.
- No office glazing. Wall A carries the secure personnel/equipment access door schedule; Wall B carries only GA-aligned cooling/service openings.
- Single-row IT layout with hot-return plenum and cold/service aisle. Camera views must preserve the long-axis proportions.
- Racks, UPS, batteries, cooling, fire systems, network and monitoring shown for fit-out coordination; supply is excluded unless separately quoted.
- Final IT load, rack density, UPS runtime/redundancy, cooling duty, fire strategy, door rating, penetration sizes and structural adequacy require project engineering.
- 53-ft elevation uses a nominal high-cube planning envelope; actual source-container dimensions must be verified before fabrication release.

BUDGETARY SHELL PRICE

APPROVED BASE RATE

Rs 4,500 / sq.ft.

SIZE-BAND ADJUSTED PRICE

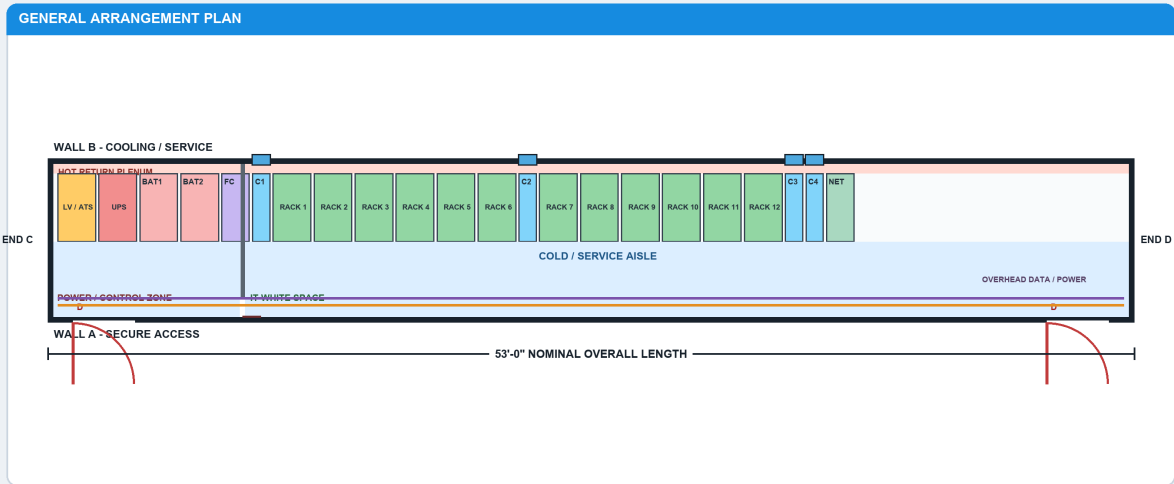
Rs 1,368,000 EX GST

Rs 1,614,240 INCL 18% GST

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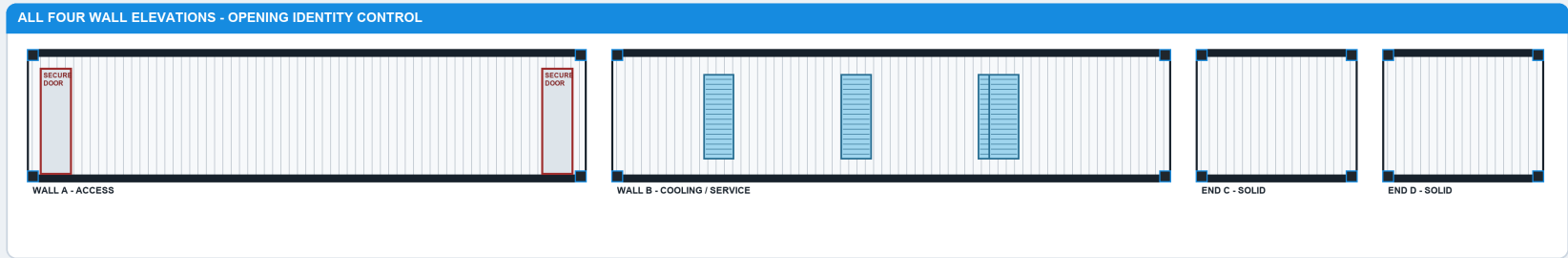
SAMAN | CONTAINERIZED DATA CENTER
53 FT HIGH-DENSITY DATA CENTER CONTAINER

CDC-53-HD-12R-V1
GA APPROVAL CANDIDATE - NOT FOR FABRICATION
NOMINAL 53'-0" x 8'-0" x 9'-06"



LOCKED OPTION SCHEDULE

STATUS	CANDIDATE - USER APPROVAL REQUIRED
ROOF	FLAT ISO CONTAINER ROOF
WINDOWS	ZERO - ALL WALLS WINDOWLESS
EXTERNAL DOORS	2 ON WALL A ONLY
END WALLS	SOLID; NO DOOR / NO WINDOW
IT RACK BAYS	12
IN-ROW COOLING	4 COORDINATION BAYS
POWER ZONE	LV/ATS + UPS + BATTERY INTERFACE
PATHWAYS	SEPARATE OVERHEAD POWER + DATA
HEIGHT FAMILY	NOMINAL HIGH-CUBE ENVELOPE*



- TECHNICAL / IMAGE-PRODUCTION LOCKS
- One immutable building model: exterior and interior openings remain at identical coordinates in every view.
 - No office glazing. Wall A carries the secure personnel/equipment access door schedule; Wall B carries only GA-aligned cooling/service openings.
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APPROVED BASE RATE
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Rs 2,116,354 INCL 18% GST

Infrastructure shell and basic pathways only. Active data-center systems, transport, foundations, installation, testing and certification are excluded unless quoted.

Before quotation or fabrication release

- 1 Confirm the source container type, particularly the nominal 53-ft planning envelope and internal clear dimensions.
- 2 Issue the final IT load schedule, rack/cabinet data, cable-entry requirements and segregation criteria.
- 3 Complete heat-load and airflow analysis before selecting cooling duty, quantity, redundancy and louver/penetration details.
- 4 Confirm utility supply, LV/ATS arrangement, UPS capacity, battery chemistry/runtime, protection and earthing.
- 5 Approve fire detection/suppression strategy, monitoring, access control, weather sealing and commissioning criteria.

Trusted industry references used for planning context

[Vertiv SmartMod modular data center](#)

[Schneider Electric All-in-One Module](#)

[TIA-942 data center certification overview](#)

Package authority

GA version: all six V1 options user-approved 23 August 2026. Price authority: containerized-data-center-technical-specification-and-price-dashboard-REVISED.xlsx. This PDF must be reissued if any GA geometry, price, scope or equipment boundary changes.