



Integrated Cold Chain Facility & Distribution center – Project References

Location: Tamil Nadu

Year of completion: 2014

Client: NSR Farm Fresh Project

Value: 30 Crores

PROJECT FACTS

Building Floor Area: 80000sqft

Capacity of Cold Storage: 8000 MT

Cold Rooms: 8 Rooms

Temperature: +20°C to -20°C

SCOPE OF SERVICES

- Turnkey Design
- Project Management consulting services for Insulated building
- Docking system
- Freon Split Refrigeration plant
- Control system and Automation system

TYPE OF FACILITY

- Short construction time
- New concept as regards Docking Stations
- Very low energy consumption
- Hygienic and easy to clean



Material Storage



Material Handling



Racking System



Docking System



Gati Kausar Cold Chain

Location: Haryana

Year of completion: 2015

Client: Gati Kausar Cold Chain
Dharuhera

Project value: 40 Crores

PROJECT FACTS

Building Floor Area: 50000sqft

Capacity of Cold Storage: 5400 Pallets

No of Cold Rooms: 8 Rooms

Temperature: +2° to -20°C

Refrigeration plant: Ammonia centralised system

Product Stored: Fresh and Frozen Products

SCOPE OF SERVICES

- Design
- Project Management
- Consulting services for Refrigeration plant, and Automation system.

TYPE OF FACILITY

Integrated Cold Chain and 3PL
Distribution centre



Material Handling



Material Storage



Evaporator Unit



Refrigeration System



Integrated Cold Chain with CA technology

Location: Uttar Pradesh

Year of completion: 2016

Client: MKC Agro Fresh

Project value: 30 Crores

PROJECT FACTS

Building Floor Area: 50000sqft

Capacity of Cold Storage: 3000 Pallets

Cold Rooms: 14 Rooms

Storage: Controlled Atmosphere for apples

Ripening Chambers: 80 MT per day Refrigeration

plant: Brine Circulation system

SCOPE OF SERVICES

- Design
- Project Management
- Consulting services for Refrigeration plant of CA storage
- Ripening Rooms
- Automation system

ACHIEVEMENT

- Turnkey project features over 12,000 sqm facility including ripening facilities, pre-cooling, packing area and cold storage.
- Focus on developing local teams' skills for installation, enhancing operational efficiency and driving economic growth.



Processing Hall



Sorting



Packing



Electric Control Panel



TNWC Cold Storage

Location: Tamil Nadu

Year of completion: Ongoing

Client: Tamilnadu Warehousing Corporation

Project Value: 4 Crores

PROJECT FACTS

Building Floor Area: 10000sqft

Capacity of cold storage: 500 MT

Cold Rooms: 8 Rooms

Temperature: 2°C to 15°C

Relative Humidity: 85% to 90%

Solar Pv panel: 50 Kwp

Products stored: Fruits and Vegetables

SCOPE OF SERVICES

- Turkey Design
- Project Management
- Consulting services for Insulated building
- Freon Split Refrigeration plant
- Solar Pv system
- Automation system

TYPE OF FACILITY

Solar Supported Cold storage for Fruits and Vegetables



Solar Pv System



Side View



Back View



Top View



Distinct Snow Land Cold Chain

Location: Tamil Nadu

Year of completion: 2020

Client: Distinct Snow Land

Project Value: 15 Crores

PROJECT FACTS

Cold Storage Floor Area: 7000 sqft

Room Temperature: 1°C to 10°C

Distribution Centre Area: 8000 sqft

Solar PV Panel capacity: 75 Kwp

Refrigeration Capacity: 160kw

No. of Cold Rooms: 6

No. of Pre cooling Room: 2

SCOPE OF SERVICES

- Cladding and roofing.
- Turnkey Design and Project Management Consulting services for Insulated building
- Docking system
- Refrigeration plant
- Control system
- Automation system

TYPE OF FACILITY

Integrated Cold Chain Facility and Distribution centre - Solar Energy Supported with PV panels



Material Storage



Refrigeration System



Material Handling



Electronic Control Panel



Integrated Cold Chain and Distribution Center

Location: Pattambi, Kerala.

Year of completion: 2024

Client: AMA International

Project Value: 15 Crores

PROJECT FACTS

Capacity: 30 to 40 Metric tons per day turnover of distribution with storage capacity of 1500 pallets

SCOPE OF SERVICES

- Logistic Systems: Docking, Double deep racking, barcoding, palletizing, and traceability.
- Thermal Building: Kingspan Quad core technology & automatic high-speed doors
- Refrigeration: Eurovent certified equipment to maintain temperature and high RH.

ACHIEVEMENTS

- Energy Efficiency through Automatic electronic controllers and Central monitoring & control system
- Planted trees around for green cover, Rainwater harvesting, integrated with Roof top Solar PV system of 150 kWp to reduce carbon footprint



Material Storage



Thermal Insulation



Refrigeration System



Logistic System

Global Reach

In-house Expertise.

We specialize in tackling challenging ambient conditions in **Asia, Africa and Middle East**, providing efficient, sustainable solutions every time.

