



# **Mabani** S T E E L

Framing Your Ambition With Steel

**DESIGNERS, FABRICATORS & ERECTORS  
OF STEEL BUILDINGS & STRUCTURES.**

**AL RAJHI**  
BUILDING SOLUTIONS





# COMPANY PROFILE

Mabani Steel is one of the Steel Industries' Leader in GCC and worldwide that offers a complete steel construction solution ranging from design to on-site construction along with maintenance and after sales services, all under one roof.

Mabani Steel has track record of supplying steel buildings to more than 70 countries in the Arabian Gulf, Africa, South Asia, Australia, Canada and Far East. The company has supplied more than 3000 projects. Our campus occupies a 144,600 m<sup>2</sup> plot in Al Jazeera Al Hamra area of Ras Al Khaimah Emirate.

Mabani Steel's site is divided into 2 areas:

- The Head Office area is 11,600 m<sup>2</sup>
- The Factory area is 133,000 m<sup>2</sup> (It includes 67,000 m<sup>2</sup> Shipping Yard)

## What We Do

Mabani Steel has grown to become one of the major suppliers of Structural Steel Buildings. Our products serve a variety of categories ranging from large industrial setups and buildings, oil & gas projects, aviation, commercial buildings, high rise buildings, shopping malls, pipe racks and power plants. An ISO9001 - ISO14001 - OHSAS18001 certified Company that has adopted all new Engineering standards and codes in design, manufacturing and installation.

Mabani Steel is designer, fabricator, manufacturer and installer of:

- Pre-Engineered Steel Buildings (PEBs)
- Hot Rolled Steel Structures (HRSS)
- Structural Steel Products
- Building Accessories

## Production Capacity

Mabani Steel's main production lines are Pre-engineered Buildings and Hot Rolled Structural Steel with total annual capacity of 120,000 metric tons.

- Pre-Engineered Steel Buildings - PEBS **72,000 Metric Tons Per Year**
- Hot Rolled Steel Structures **48,000 Metric Tons Per Year**



# MISSION & VISION

## Vision

Our Vision is to become a regional leader in design, fabrication and installation of engineered Structural Steel Solution to the Industrial, Construction, Oil & Gas and process industry in the Middle East, Africa, south East Asia and all other parts of the world.

## Mission

Our Mission is to provide our clients with the highest service quality. Delivery On time and within the Budget. We shall achieve this by creating the partnership between our employees, managers and shareholders focused on execution our projects on Time, under budget and within the Quality requirements. We will perform this in the most efficient and productive manner such as to generate a reasonable return for our shareholder and ourselves.

## Values

Our Values, basic and fundamental shall remain the guiding light in our dealings internally and externally. These will be the uncompromising foundations upon which we build our Mission.

### Integrity

The courage to maintain the right from the wrong without compromising on Quality.

### Reliability

The ability to deliver on what we promised, without exceptions.

### Accountability

The strength to be responsible for our own actions and decisions.







# FACTORY

The Ras Al Khaimah factory has been built and equipped, from the start, to have a monthly production capacity of 6000 metric tons (MT) of Pre-Engineered Steel Buildings “PEB” and 4000 MT of Hot Rolled Steel Structures “HRSS”.

The factory is made up of five distinct buildings that are built on a 200 m wide x 444 m long plot. The five buildings are separated by wide corridors, to allow for easier maneuverability, better natural lighting (wall lights) and better ventilation (wall mounted sandtrap louvers). The result is a superior working environment for our workers and the ability to expand each building independently of other buildings.

Built-Up Sections are produced in a 40 m wide x 217.5 m long building.

Hot Rolled Sections are produced in a 40 m wide x 232.5 m long building.

Blast & Paint of built-up & hot rolled sections is housed in a 20 m wide x 180 m long building.

Offline Blast & Paint Building. 45 m wide x 40 m long building.

Light gauge Products and a Buyouts Store are housed in a 40 m wide x 127.5 m long building.

Operations Building. 10 m wide x 168 m long which accommodates the Factory Administration Office, Staff Office, Prayer Room/Ablution, Clinic and a 160 persons Canteen. It also houses the Maintenance workshop and Maintenance spare parts store.

A Receiving Yard, 200 m x 35 m that separates factory buildings from multi-purpose building.

A Shipping Yard, 200 m x 180 m, that separates the factory buildings from the camp.



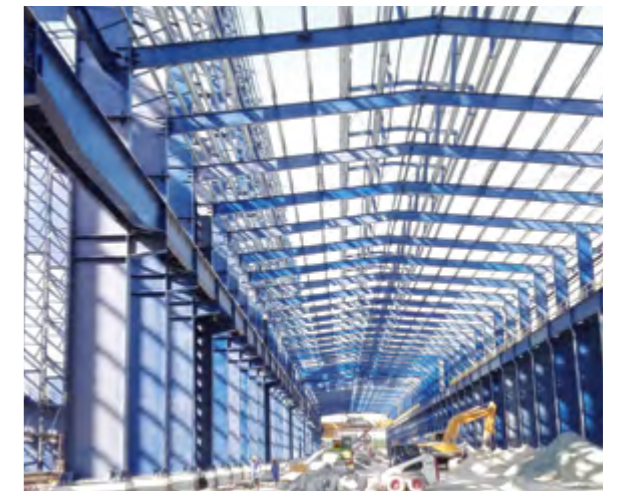




# PRE-ENGINEERED STEEL BUILDINGS

A pre-engineered steel building is composed of two distinct subsystems: Pre-engineered steel structure and Panel & Panel Accessories. The PEB steel structure, on the average, accounts for 80% of the weight of the pre-engineered steel building. The unit measure for PEB steel structures is metric ton. Having the raw material check by quality control team before it is sent to the fully automated

thermal cutting machines using plasma and sheeting machines. Flanges & webs of the members are assembled using full automated sub-merged ARC welding process with the latest Power Wave technology that gives consistent quality steel products. During the finishing stage, the semi-automated Gas Metal Arc Welding performed by our highly skilled welders.







## HOT ROLLED STEEL STRUCTURES (HRSS)

Mabani has in-house engineering capability to design hot rolled structures. HRSS applications include Steel Buildings like Multi Storey residential / commercial / Industrial buildings, equipment supporting structures, pipe racks, Petro Chemical Plants, Power Plants, conveyor supporting structures, cement plants, precast concrete plants, etc. whose primary steel structures

are constructed entirely out of hot rolled members. The manufacturing of our Hot Rolled Steel Structure goes through a fully automated cold saw 3 dimensional process. The accuracy of cutting is controlled by laser sensor & then into auto drilling and fitting which is attaching base plate, cleats & clips etc.





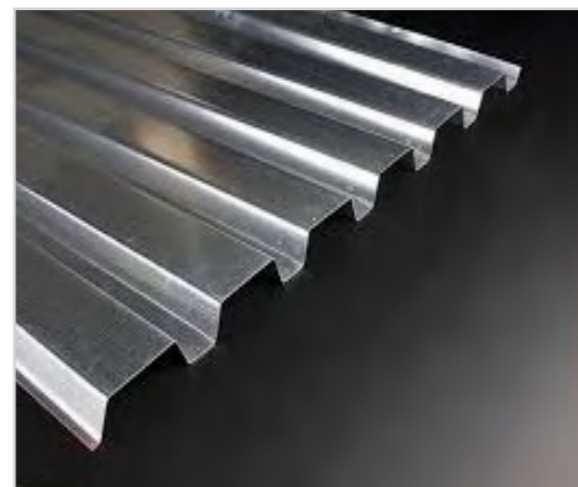
## PANELS AND PANEL ACCESSORIES (PPA)

PPA includes single skin panels, sandwich panels, trims and Flashing, panels standard buyouts and building accessories. Although all roofs have panels; walls are often partially or fully open for block walls, Precast panels or access.

Single Skin Panels are trapezoidal ribbed sheets roll formed from thin mill finish or prepainted AluZinc coated steel and aluminum coils and cut-to-length to meet the requirements of a specific building.

Sandwich Panels have a polyurethane foam core sandwiched between two single skin metal panels (or an exterior single skin metal panel and an interior aluminum faced laminate). Mabani Steel does not produce sandwich panels but holds an exclusive arrangement of sandwich panels to provide its Customers with a single source supply responsibility. Mabani Steel's scope includes the preparation of engineering drawings for the sandwich panels, production of trims and the supply of all sandwich panels accessories such as fasteners, bead mastic, purlin tape, etc.

Trims and Flashing include eave trim, eave gutters, downspouts, gable trim, curved eave panels, flashing around building accessories, etc. that are produced from pre-painted AluZinc coated steel or aluminum sheets that are bent to the required shape using roll formers, presses, or folding machines. These are used to weather seal the building and contribute to the neat finish appearance of a PEB.







## BLAST & PAINT

Mabani state of the art blasting, painting & material handling system produce the highest quality with most enduring coating finish. Mabani has the most advanced and precise surface preparation and painting equipments in the steel buildings Industry, all Structural

Steel components are shot blasted to SA 2 or SA 2.5 depending on Customer requirements. No solvent cleaning or mechanical brushing is used. The presence of heating ovens prior to and after the paint application results in superior quality coatings.







# STEEL BUILDING ERECTION SERVICES

Mabani erection team comprises of highly qualified and well trained site engineers and safety officers. The team has completed more than 500 projects in the GCC, Middle & Far East, and in Africa. A Project Manager is dedicated to ensure the coordination of all site activities and with other departments of Mabani.

The erection team is professional and safety oriented. They are supervised by experienced steel erection foremen. The Erection Department prepares erection method statements, Project Schedule & a Safety Plan for each building upon the release of the building to production.







# ENGINEERING

Once a project is signed with Mabani, the Engineering Department takes charge of schedules and commitments for smooth work flow from the estimating, to design, approval drawings and detailing. All Engineers are proficient in engineering concepts and software; MBS, Staad-Pro, Limcon, Autocad and Tekla. Besides our in-house programs that enhance the progress of the projects, thus leading to “value engineering”.

# QUALITY CONTROL

Mabani has integrated its existing quality management, Health & safety and Environmental management system in to one coherent system as Integrated Management System called IMS, Which meets the requirements of ISO 9001:2015, ISO 14001:2015 and ISO 18001:2007. Each stages of production is carefully monitored and inspected to the standards by the well qualified and certified team of QC to ensure that the quality level of the product is being achieved at each stage to meet the customer requirements.

Mabani Quality is controlled by strong technically qualified team, includes certified welding inspectors, dimensional Inspectors, painting inspector and Certified NDT technicians headed by the Quality control manager.







## Mabani ISO9001 Quality Management Systems

Mabani is ISO 9001 Quality Management Systems accredited. Our Zero Defects Policy is a thorough on-going procedure that ensures all work is carried out to the highest levels of quality and finish. In order to continually improve the way in which we operate in delivering high quality projects, we benchmark every aspect of our work and carry out detailed audits to measure the performance of our supply chain and the quality of workmanship.



## Mabani ISO 14001 Quality Environmental

Mabani is ISO 14001 Quality Environmental accredited. We continually look for improvements in all aspects of our work and recognize our obligation to minimize damage to the environment; we constantly strive to be environmentally responsible and to reduce our carbon footprint.



## Mabani ISO 45001:2018 Health & Safety Management System

Mabani is ISO 45001:2018 Health & Safety Management System accredited as per latest requirements of International Organization for Standardization (ISO). We are complying with all Health & Safety regulations applicable to our work as a minimum standard of safety and welfare. We provide continuous training to all staff and site employees for areas such as first aid, fire, asbestos awareness, and anything else deemed appropriate. Our preferred supply chain and sub-contractor network undergo a comprehensive competency check before their services are engaged by us, verifying compliance with Health & Safety and ensuring adequate levels of insurance cover.







Project:  
**KING AVENUE MALL**

Client:  
**Umm Al Qura  
Development &  
Construction**

Location:  
**Jeddah, KSA**



Project:  
**MEGA MALL**

Contractor:  
**Gawhrah Al Fanar  
Real Estate**

Location:  
**Hafr Al Baten, KSA**



Project:  
**COCA COLA  
FACTORY**

Client:  
**Coca Cola**

Location:  
**Dammam Port , KSA**





Project:  
**Aircraft Maintenance Hangars, King Abdulaziz International Airport**

Client:  
**Saudi Aerospace Engineering Industries**

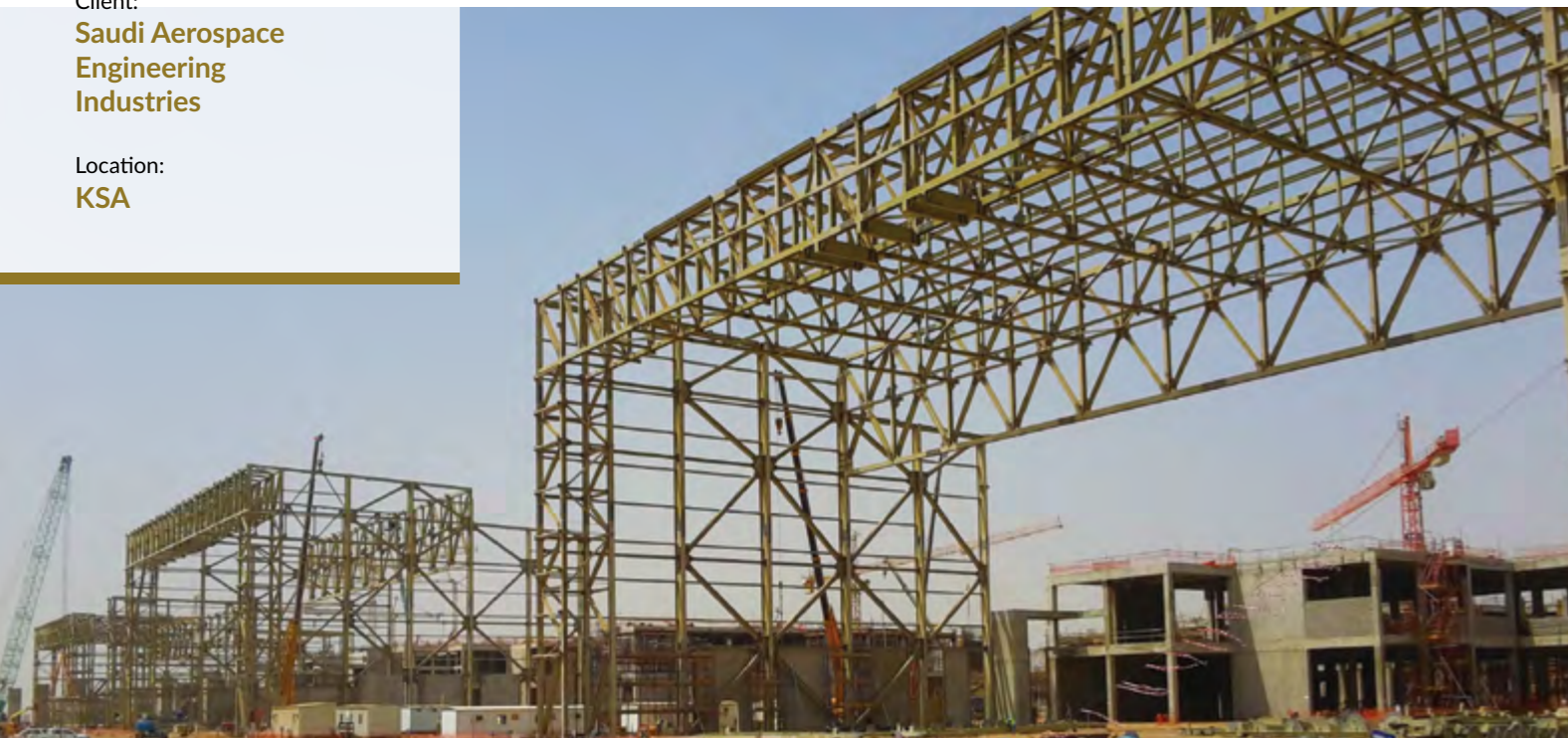
Location:  
**KSA**



Project:  
**SIBCO Mega Plant**

Client:  
**PepsiCo**

Location:  
**KSA**



Project:  
**ARASCO Port Silos Expansions**

Client:  
**ARASCO Feed**

Location:  
**Dammam Port , KSA**





Project:  
**AL MAJDOUIE STEEL  
FACTORY**

Client:  
**Silicon Contracting**

Location:  
**Dammam, KSA**



Project:  
**KAPSARC**

Client:  
**Saudi Aramco**

Location:  
**KSA**







Project:  
**SHED FOR PC YARD**

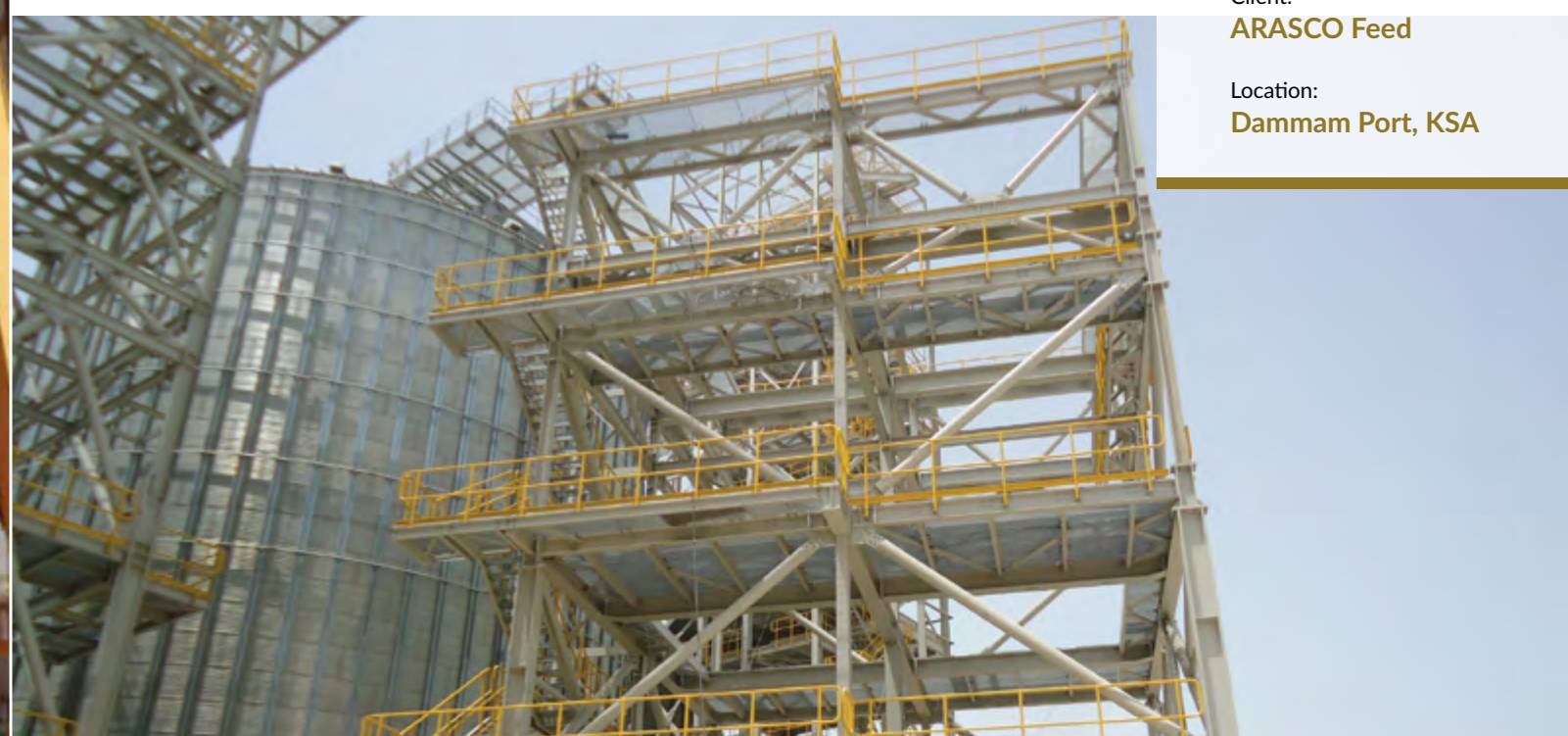
Client:  
**Samsung C&T Corporation**

Location:  
**Riyadh, KSA**

Project:  
**ARASCO Port Silos Expansions**

Client:  
**ARASCO Feed**

Location:  
**Dammam Port, KSA**





Project:  
**Dpsar Factory PJT**

Client:  
**Doosan Power System  
Arabia**

Location:  
**Yanbu, KSA**



Project:  
**CITY LAND MALL**

Client:  
**CATIC**

Location:  
**Dubai, UAE**



Project:  
**Steel Plant**

Client:  
**Al Qaryan Steel Co.**

Location:  
**Dammam, KSA**



Project:  
**DEWA SOLAR  
INNOVATION  
CENTRE**

Client:  
**Dubai Electricity  
and Water Authority  
(DEWA)**

Location:  
**UAE**

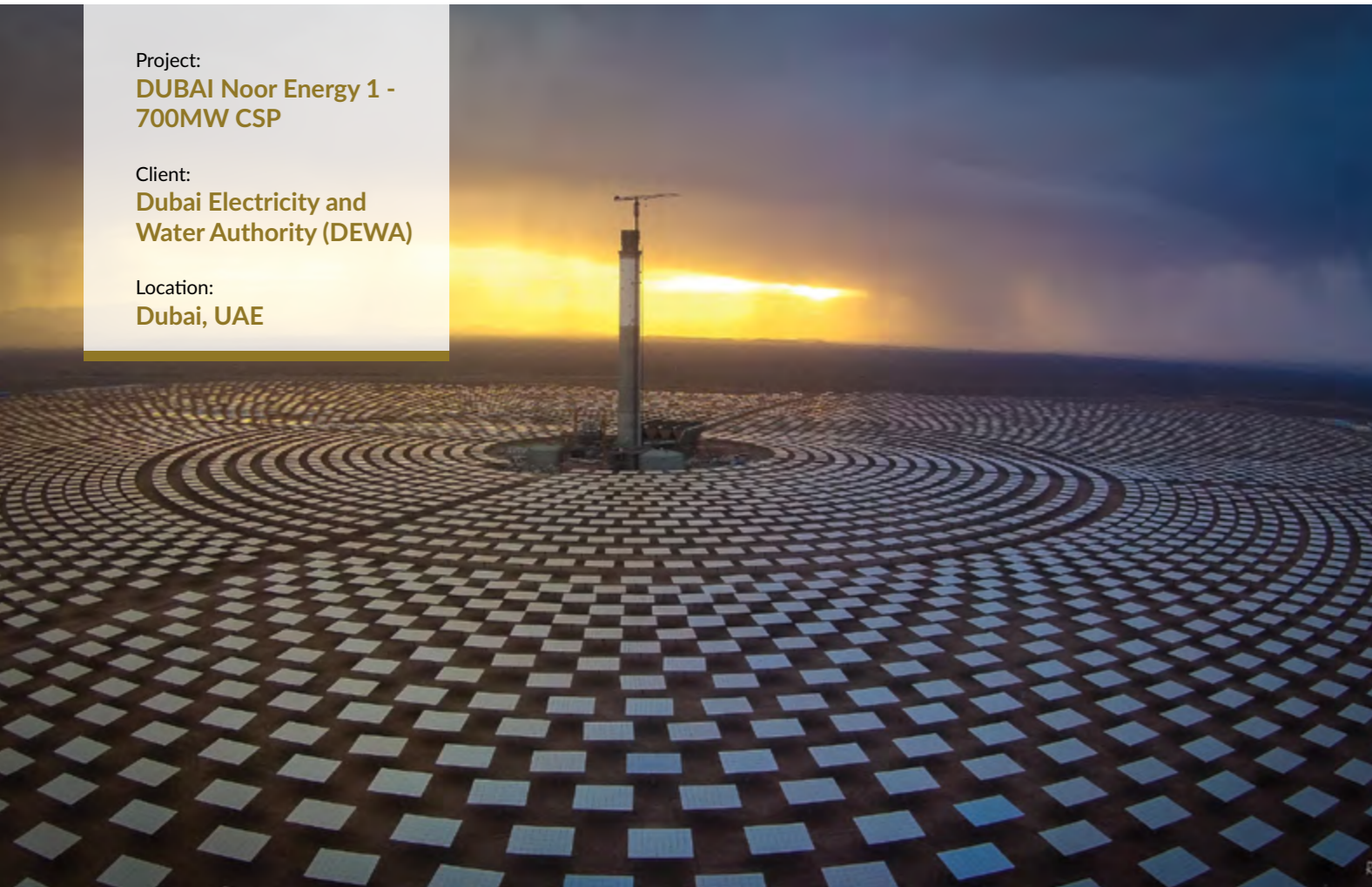




Project:  
**DUBAI Noor Energy 1 -  
700MW CSP**

Client:  
**Dubai Electricity and  
Water Authority (DEWA)**

Location:  
**Dubai, UAE**



Project:  
**Store & Office  
Building @ ICAD I Mill**

Client:  
**Bin Hamoodah**

Location:  
**ICAD-1, Abu Dhabi**



Project:  
**Hamriyah Independent Power  
Project 1800 MW Combined  
Cycle Power Plant**

Client:  
**Shipco Power Company**

Location:  
**Hamriyah, Sharjah, UAE**



Project:  
**Avenues Mall Dubai  
Silicon Oasis**

Client:  
**Line Investments &  
Property L.L.C**

Location:  
**Dubai, UAE**





Project:  
**Offices and  
Warehouses**

Client:  
**Ali & Sons  
Contracting Co LLC**

Location:  
**Abu Dhabi, UAE**



Project:  
**Expansion for Aramex  
Emirates LLC**

Client:  
**Aramex Emirates LLC**

Location:  
**Dubai, UAE**



Project:  
**Central Food  
Processing Unit**

Client:  
**Sharjah Cooperative  
Society**

Location:  
**Sharjah, UAE**



Project:  
**Grove Village**

Client:  
**Master Investment  
Group**

Location:  
**Ras Al Khaimah, UAE**







Project:  
Aircraft Hangar in  
DWC

Client:  
Falcon Aviation

Location:  
Dubai, UAE



Project:  
Lulu Hypermarket -  
Buteena

Client:  
Lulu Group

Location:  
Sharjah, UAE



Project:  
Lulu Hypermarket -  
Muwailiah

Client:  
Lulu Group

Location:  
Sharjah, UAE





Project:  
**WORKSHOP & OFFICE  
FOR GE**

Client:  
**General Electric Group**

Location:  
**Dubai, UAE**



Project:  
**Factory and central  
distribution warehouse**

Client:  
**Falcon Pack**

Location:  
**Umm Al Quwain, UAE**



Project:  
**Warehouses for  
MAGECO**

Client:  
**Mattar General  
Contracting (MAGECO)**

Location:  
**Abu Dhabi, UAE**



Project:  
**DAMEN SHIPYARD**

Client:  
**Damen Shipyard  
Sharjah FZE**

Location:  
**Sharjah, UAE**





Project:  
**Air Liquide Workshop  
- RAK Maritime City**

Client:  
**Air Liquide  
Engineering Middle  
East**

Location:  
**UAE**



Project:  
**Beverage Factory**

Client:  
**Black Forest Food  
Industries**

Location:  
**Abu Dhabi, UAE**

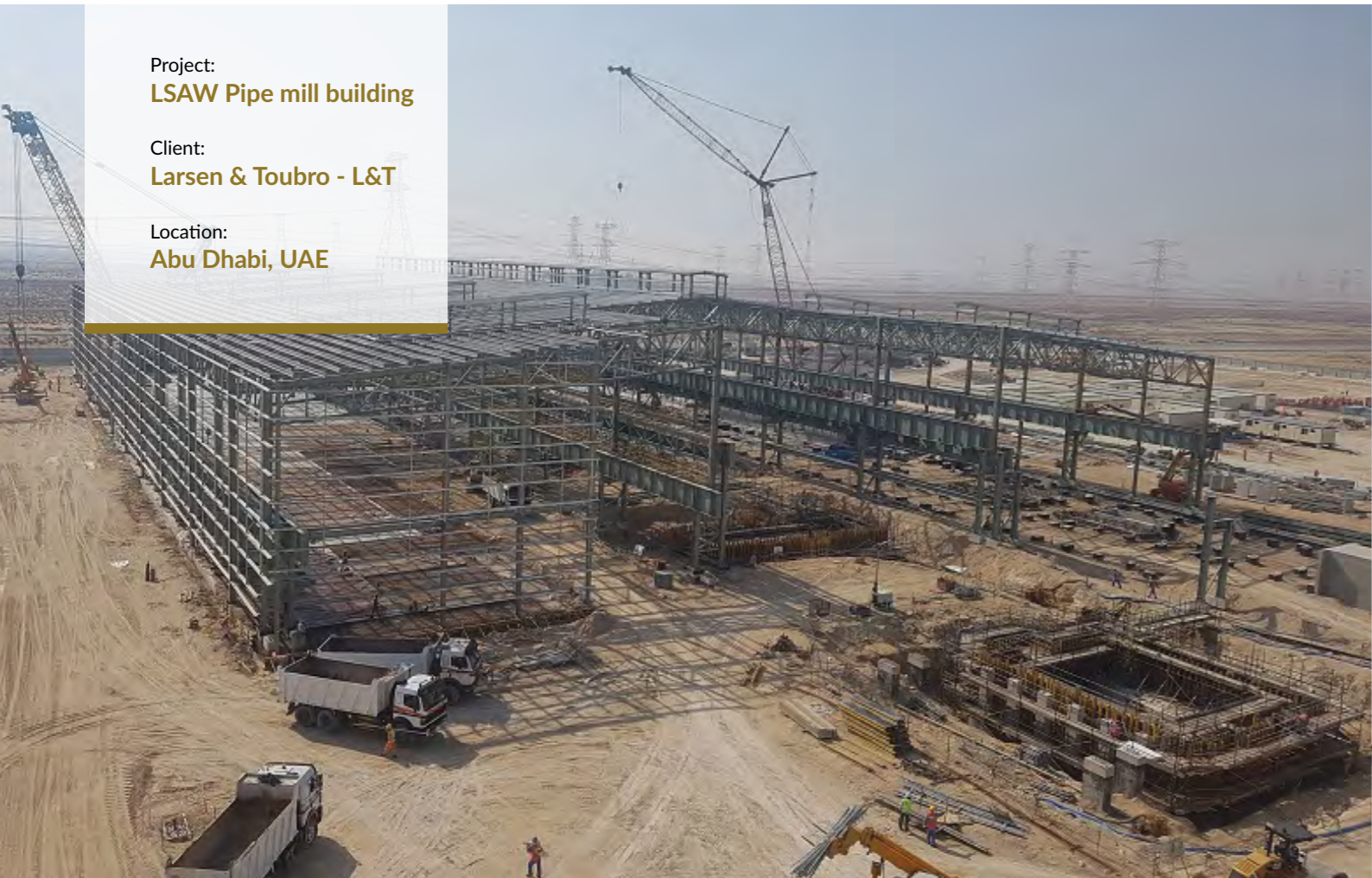


Project:  
**Car Park in Abu Dhabi**

Client:  
**Abu Dhabi  
Municipality**

Location:  
**UAE**





Project:  
**LSAW Pipe mill building**

Client:  
**Larsen & Toubro - L&T**

Location:  
**Abu Dhabi, UAE**



Project:  
**Gulf Printing & Packaging**

Contractor:  
**Engineering Unit Gen. Cont. Est**

Location:  
**Abu Dhabi, UAE**



Project:  
**GALVANIZING COMPLEX**

Client:  
**Al Ghurair Iron & Steel LLC**

Location:  
**Abu Dhabi, UAE**



Project:  
**Manufacturing Factory**

Contractor:  
**Arabian Industries LLC**

Location:  
**Abu Dhabi, UAE**



Project:  
**AL Meera Mall**  
Client:  
**Al-Meera Group**  
Location:  
**Qatar**



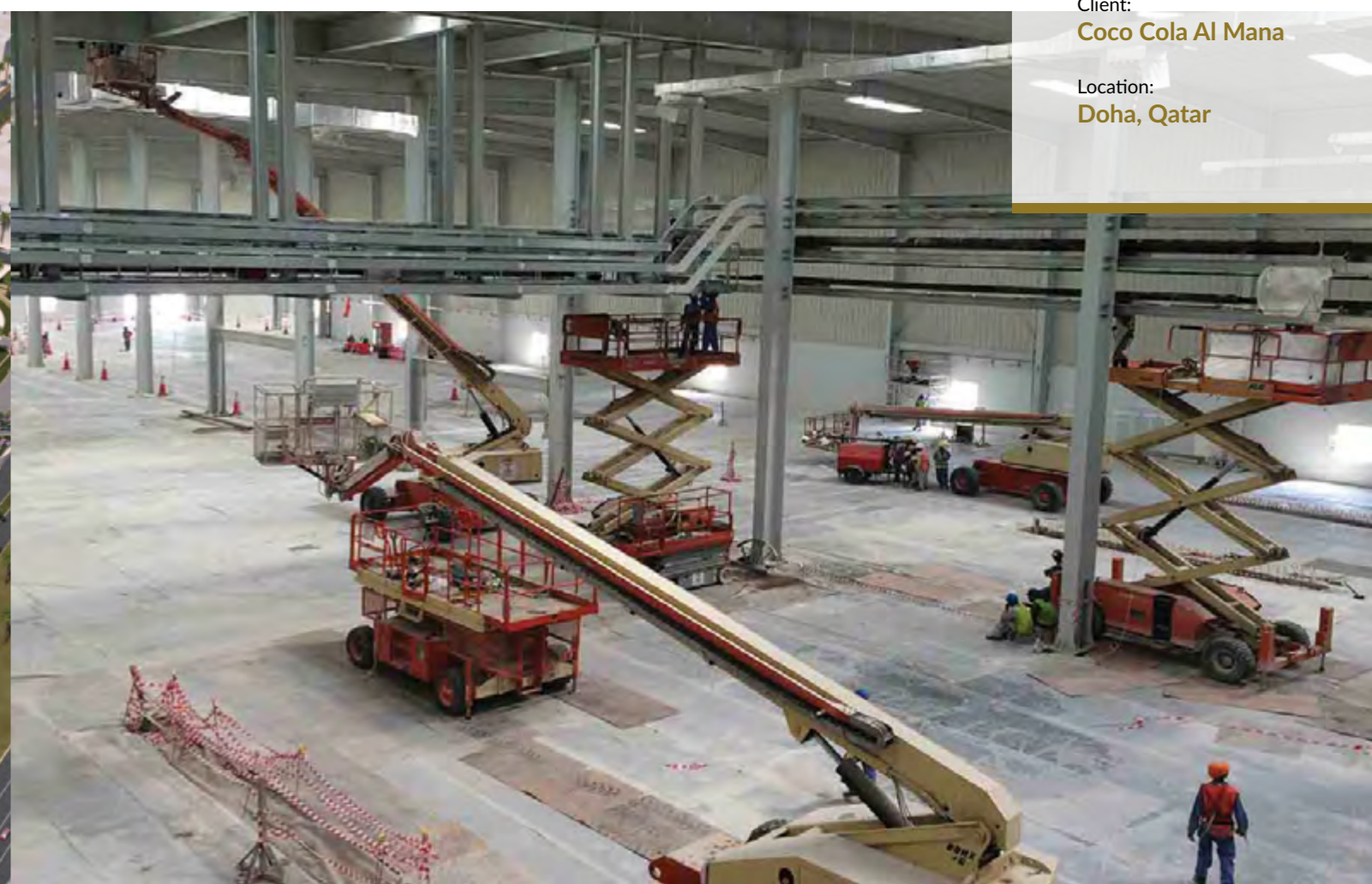
Project:  
**JAFNA FOR COCA COLA**

Client:  
**Coco Cola Al Mana**

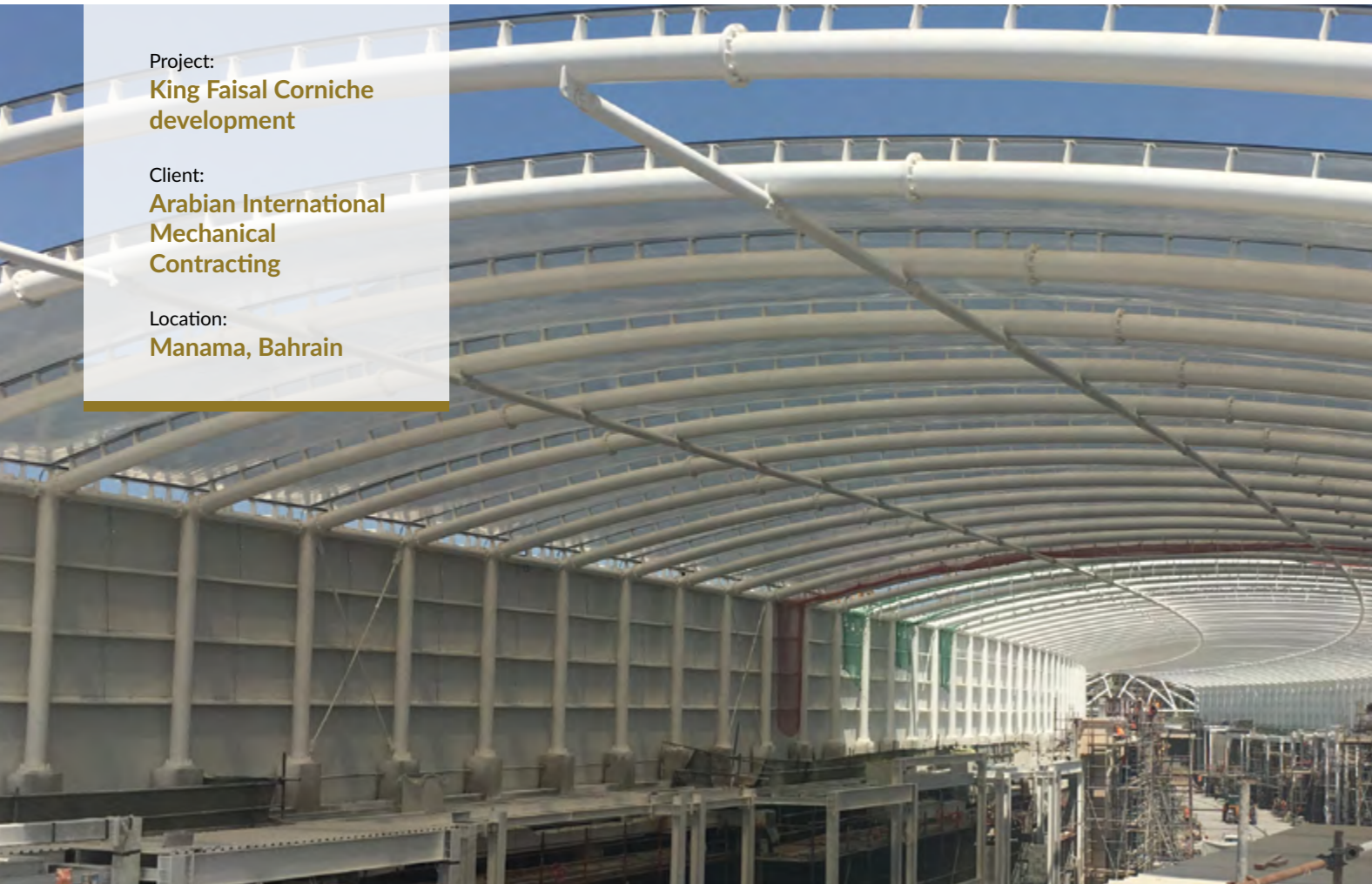
Location:  
**Doha, Qatar**



Project:  
**Northgate Mall**  
Client:  
**North Gate WLL**  
Location:  
**Doha, Qatar**







Project:  
King Faisal Corniche  
development

Client:  
Arabian International  
Mechanical  
Contracting

Location:  
Manama, Bahrain



Project:  
Dragon City Bahrain

Client:  
Dragon City Bahrain  
B.S.C.

Location:  
Bahrain



Project:  
Sohar City Center

Client:  
Majid Al Futtaim

Location:  
Sohar, Oman



Project:  
IKEA

Contractor:  
GLOBAL International For  
General Trading WLL

Location:  
Manama, Bahrain





Project:  
**COIL COATING LINE  
FOR OARC**

Contractor:  
**Habtoor Leighton Group**

Location:  
**Sohar, Oman**



Project:  
**Acura Showroom**

Client:  
**Al Mulla Group**

Location:  
**Kuwait**



Project:  
**AL NAKHEEL MALL**

Client:  
**Amwaj international  
Investment Company**

Location:  
**Iraq**





Project:  
**PURE FLOUR MILL**

Client:  
**Dufil Prima PLC**

Location:  
**Nigeria Port  
Hartcourt**



Project:  
**DANO MILK  
FACTORY**

Client:  
**Multipro Lftz  
Enterprise**

Location:  
**Nigeria Lagos Lekki**



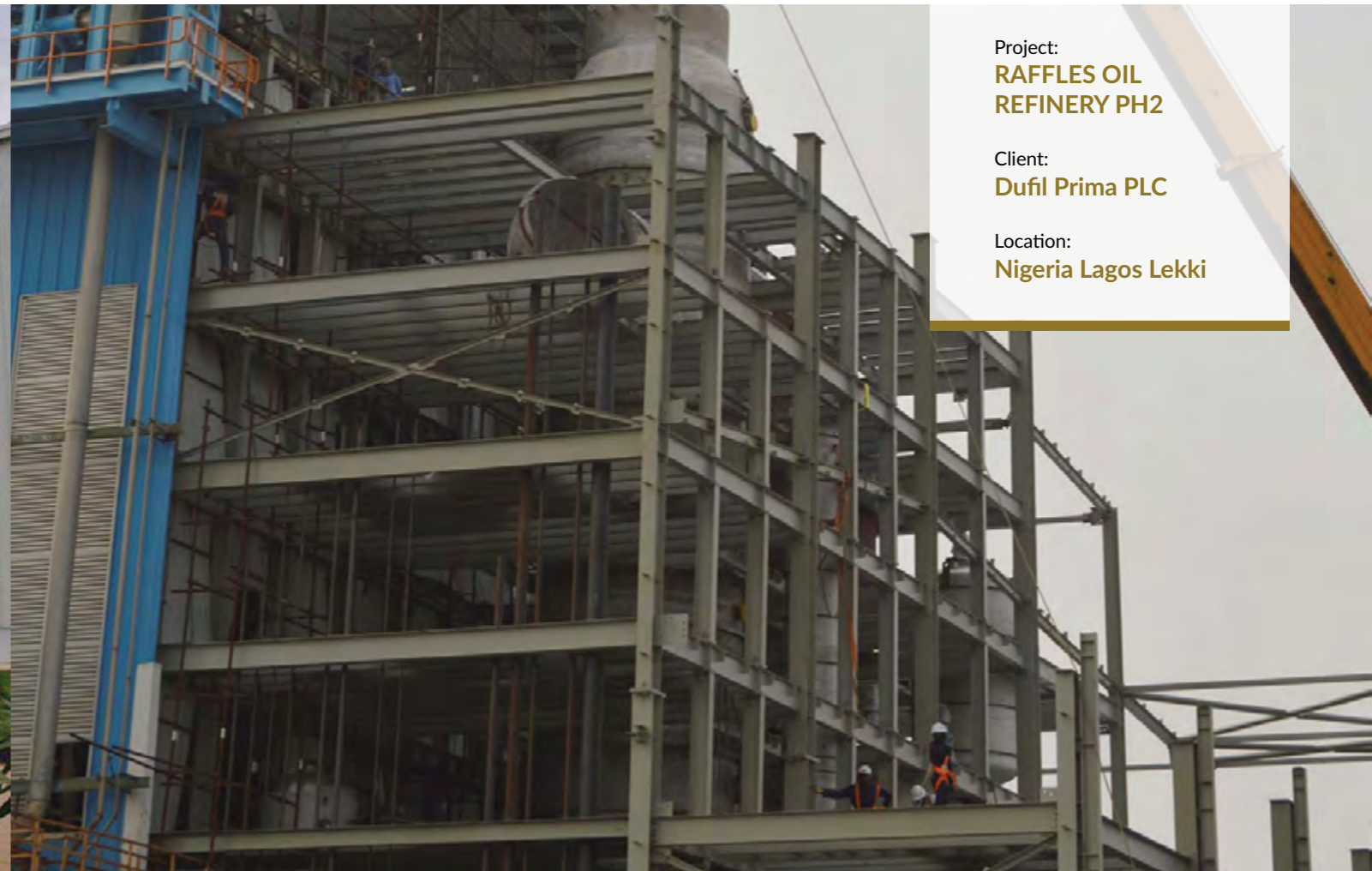




Project:  
**NORTHERN  
NOODLES PH1**

Client:  
**Dufil Prima PLC**

Location:  
**Nigeria Kaduna**



Project:  
**RAFFLES OIL  
REFINERY PH2**

Client:  
**Dufil Prima PLC**

Location:  
**Nigeria Lagos Lekki**



Project:  
**NESTLE  
DISTRIBUTION  
CENTER**

Client:  
**Nestle Nig PLC**

Location:  
**Agbara, Nigeria**





Project:  
**FRUTI LAND  
PROJECT**

Client:  
**Supercare Group  
Limited**

Location:  
**Tema, Ghana**



Project:  
**RICE PROCESSING  
PLANT**

Client:  
**Saudi Star Agricultural  
Development PLC**

Location:  
**Ethiopia**

## Middle East

### United Arab Emirates (UAE)



#### Abu Dhabi

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