GIECO MARINE

PROJECTS

www.gharably.com

MARINE BROCHURE

We **BUIID** A Quality

To Make a **FUTURE REALITY**

OUR CEO

Eng.Moatassem El-Gharably

I WOULD LIKE TO THANK ALL OUR TEAM, DIRECTORS AND EMPLOYEES, WHO WORKED HARD TO UPHOLD THE REPUTATION OF OUR ESTEEMED COMPANY, WHICH WAS POSITIVELY REFLECTED IN THE ACHIEVEMENT OF OUR GOALS IN SPITE OF THE CONFRONTED CHALLENGES, PAST YEARS, AND SUCCEEDED TO WIN THE EXECUTION OF MEGA PROJECTS. DUE TO THE FAITHFUL E ORTS AND PERSISTENCE OF OUR TEAM, GIECO SUCCEEDED TO GAIN THE APPRECIATION OF OUR CLIENTS, AND WON SEVERAL PROJECTS BIDS IN ADDITION TO WORK AUTHORIZATIONS. THE COMMITMENT WITH THE INTERNATIONAL STANDARDS OF QUALITY, ENVIRONMENT, HEALTH AND SAFETY IS ON THE TOP OF OUR PRIORITIES.

GIECO REINFORCES ITS EFFORTS TO COMMUNICATE WITH FOREIGN INVESTORS AND EGYPTIAN CLIENTS TO STRENGTHEN MUTUAL COOPERATION THROUGH TAKING PART IN EXECUTING ENGINEERING AND CONSTRUCTION PROJECTS. THIS TARGET IS FULFILLED THROUGH PERMANENT TRAINING OF MANPOWER ON THE LOCAL AND INTERNATIONAL LEVELS.

WEL-COME

WHO WE ARE

THE ROOTS ORIGINATED IN 1912 AND THE COMPANY HAS BEGUN THE ACTIVITIES IN THE FIELD OF GENERAL CONTRACTING/CONSTRUCTION CONTRACTOR AND HAS GREAT EXPERIENCE IN TURN-KEY PROJECTS, SERVING THE ENGINEERING, PROCUREMENT, AND CONSTRUCTION FIELDS WHERE WE HAVE BEEN WORKING HARD AND DELIBERATELY FOR MORE THAN 100 YEARS.

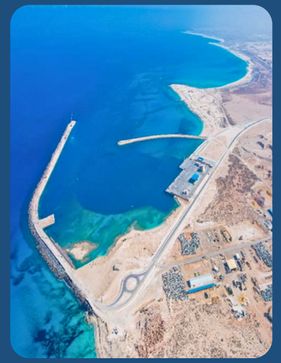
GIECO HAS BEEN A LEADER THROUGH THE YEARS IN THE FABRICATION, WELDING, TESTING, AND ERECTION OF METAL PLATE STRUCTURES AND RELATED SYSTEMS.

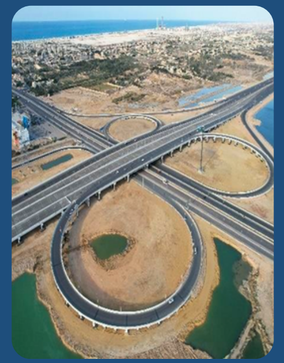
GHARABLY GROUP (GG) IS A SIGNIFICANT CONTRIBUTOR TO THE NATIONAL ECONOMY IN BOTH THE PRIVATE AND PUBLIC SECTORS.

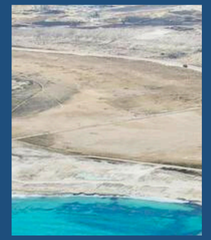
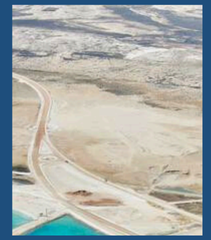
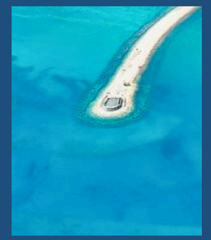
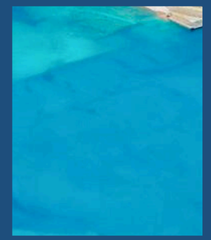
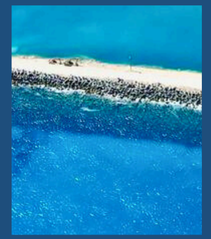
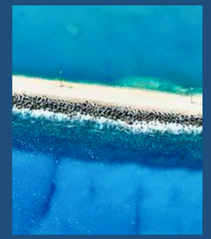
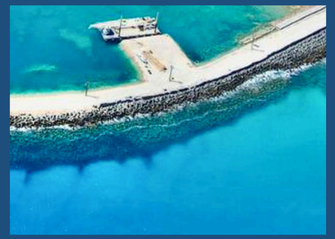
EL GHARABLY GROUP HAS EXPANDED OVER THE LAST 100 YEARS TO RANK AMONG EGYPT'S TOP ENGINEERING FIRMS. CURRENTLY THE GROUP RUNS SEVEN SIZABLE BUSINESSES, EACH WITH A FOCUS ON A DISTINCT INDUSTRY.

GIECO'S Sectors:

- **Marine and coastal construction work**
- **Buildings & Commercials**
- **Industrial**
- **Infrastructure**





OUR VISION

Our vision is to be a world-class customer-centric integrated engineering company; where clients continuously receive excellent value and advanced construction solutions that exceed their requirements and expectations.

OUR MISSION

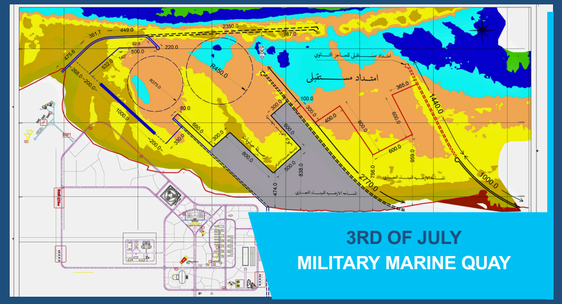
Our mission is to expand our existence as an EPC/ Turn-key contractor in Egypt and worldwide and delivering high-quality projects Furthermore, we aim to ensure high-quality craftsmanship and equipment, develop and moderate the work environment's technology. Raising the bar of our skilled labor force, we recruit highly experienced and result-oriented calibers.

Marine And Coastal Construction Work

GIECO specializes in marine and port construction, with a focus on adapting to diverse weather and sea conditions. Our long-standing expertise allows us to construct a variety of quay types, including combi-walls, gravity block walls, and diaphragm walls.

Our operations are guided by a commitment to quality, worker safety, and environmental protection.

GIECO has the logistical capability to supply over 15,000 tons of materials daily and can complete major projects quickly, like the 2,200-meter breakwater we built in just 12 months.



2017-2018

Gargoup, Matrouh, Egypt

Client: Egyptian Navy

Description

Gravity Blocks Quay Wall
Length:1000m ,Draught 14.5m
Main Breakwater
Length:1600m ,Depth -20m

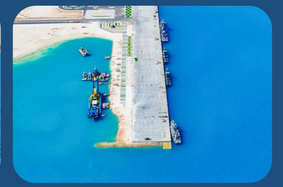
Highlights

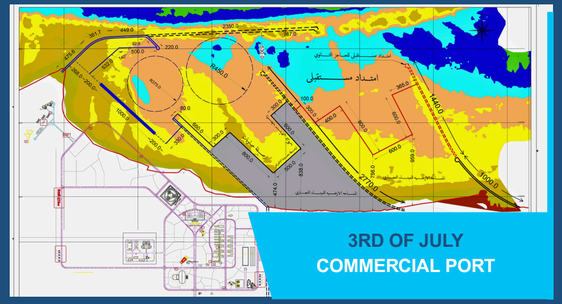
Tons of Steel: 2000 tons of reinforcement steel rebar
Port/Navy Base Area: 2,500 feddan
Built-up Area: 80000 SqM
Average Daily Concrete Production: 3,000 Cubic Meters/Day
Average Daily Rock Supply and Handling: 25,000 Tons/Day
Peak Manpower: 4,000

Activities

Concrete Works
Steel Works
Infrastructure
Marine Works (Breakwater - Quay wall - Dredging)
Buildings

3RD OF JULY MILITARY MARINE QUAY





2019

Gargoup,
Matrouh, Egypt

Client Egyptian Navy

Description

Gravity Blocks Quay Wall
Length: 2200 m, Draught 17.5 m
Main Breakwater Length: 5300 m
Sec. Breakwater Length: 2770 m

Highlights

Tons of Steel : 1500 t
Average daily Concrete production : 1200 CuM/day
Average daily Rock supply : 25000 ton/day
Port/Navy base area : 1,100 Hectares
Built-up Area : 30000 SqM

Activities

Concrete Works
Steel Works

Marine Works (Breakwater - Quay wall - Dredging)
Buildings

3RD OF JULY COMMERCIAL PORT

EAST PORT SAID PORT

2016

Port Said , Egypt

Client: Engineering Authority of the Armed Forces

Description

Quay Wall Type combined wall (king pile 2 m diameter, 67 m depth – sheet pile 1.40 m width 24.8 depth) length 456 m, draft 17.5 m - 2 internal row of bored piles 1.2 m diameter, 67 m depth - 1 back row of bored piles 1.2 m diameter, 67 m depth and cfa piles diameter 60 cm 18 m

Highlights

Tons of pipe: 13000 t
Tons of steel reinforcement: 39000
CuM of Concrete: 100,000 CuM
Average daily concrete production: 800 CuM/day
Rocks: 40000 ton
Piles: 40000 LM. Paved Area: 30000 SqM

Activities

Concrete Works
Steel Works
Pavements
Utilities
Reclamation
Marine Works
Buildings
Piling Works
Soil Improvement

EAST PORT SAID PORT

2020

Alexandria, Egypt

Client

EGMPT
Egyptian Group
For Multi-Purpose
Terminal

Description

Reclamation of Terminal Area 550,000 m2
3 Technics of Soil improvement (PVD –VC –RIC)
Quay Wall Type Diaphragm Wall Length 1250 m Draft 14.5/17 m
Bored Piles With Diameter 1.5m Barrettes with 2.8m Width

Highlights

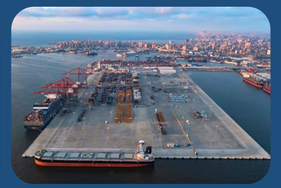
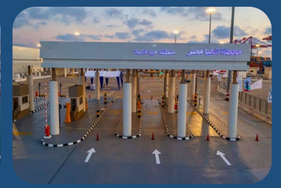
CuMof Concrete 200000 CuM
Reclamation 10300000 m3
Piles 21000 LM
Paved Area 560000 SqM
Built-up Area 10000 SqM

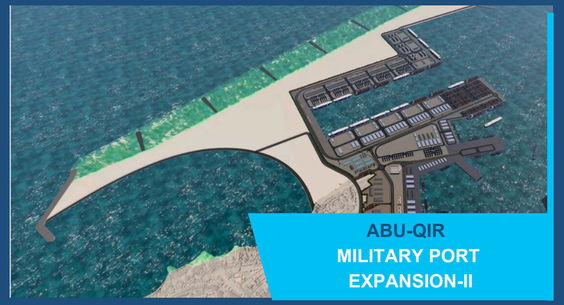
Activities

Concrete Works
Steel Works
Marine Works
Piling Works
Soil Improvement
Buildings
Pavements
Utilities
Infra-Structure

ALEXANDRIA

TMT TAHYA MASR MULTI-PURPOSE PORT QUAIES 62-55



2020

Alexandria, Egypt

Client
The Egyptian Navy Forces

Description

5,730m Submerged Breakwater, 3,670m Emerged Breakwater
6,250m quay wall (22m draught), 1250m Quay-wall (17m draught)
2,127 m Revetment, 2,040 m groin, 9.6Mm2 Reclaimed Area
223Mm3 Reclaimed Volume, 6,600m North beach length
3,200m Western beach length

Highlights

Tons of steel pipe: 64000 tons
Tons of steel reinforcement: 150,000 tons
CuM of Concrete: 1900000 CuM
Rocks: 15,000,000 tons
Piles: 40000 LM

Activities

Concrete Works
Steel Works Marine Works
Piling Works
Soil Improvement
Buildings
Infrastructure

ABU-QIR MILITARY PORT EXPANSION-II

2021

Arish,Egypt

Client
Suez Canal Economic Authority

Description

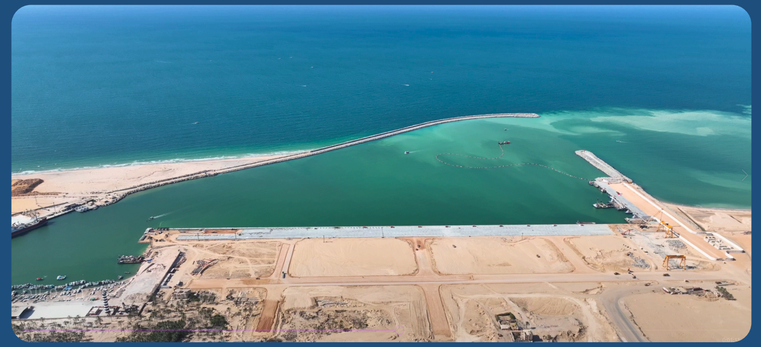
Quarry wall Type Gravity Blocks 915 m
Breakaters
Armor Type Tetrapod
Fence

Highlights

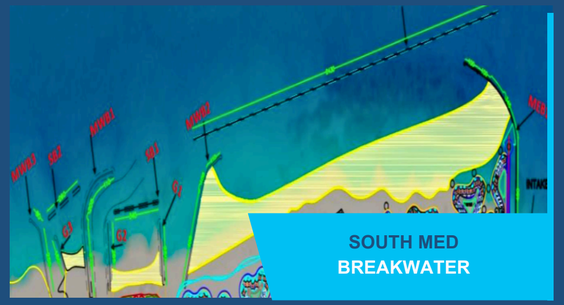
Average daily concrete production 500 m3/day
Average daily rock supply 3000ton/ day
Piles 21000 LM
Port Area 267.1271 Hectares
Built-up Area 32074 SqM

Activities

Concrete Works
Steel Works Marine Works
Piling Works
Soil Improvement
Buildings
Infrastructure



ARISH
MARINE PORT



2025

North Coast, Egypt

Client
Talaat Moustafa Group

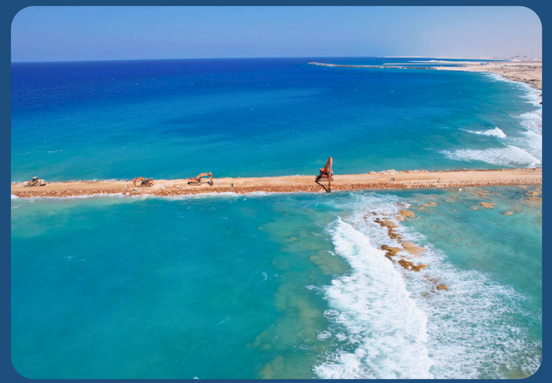
Description

Construction of the Project Submerged Breakwaters: 4,300 m
Emerged breakwaters: 1000 m
Rocks: 3.6 Million Cum
Concrete: 600,000 Cum
Constitute the link between the design and execution of construction works through a clear work procedure

Activities

Concrete Works
Marine Works
Infra-structure

SOUTH MED
BREAKWATER



2024

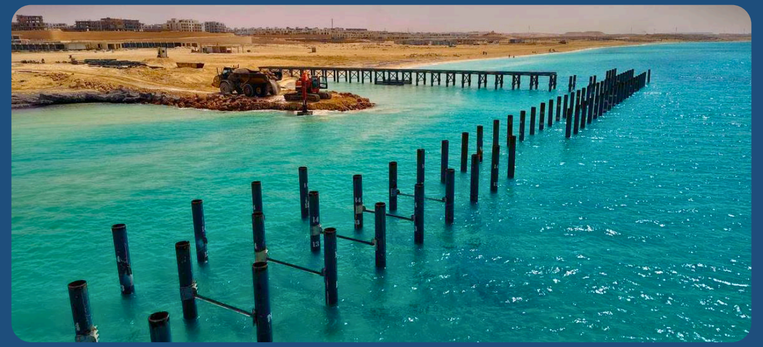
Ras ElHekma, Egypt

Client

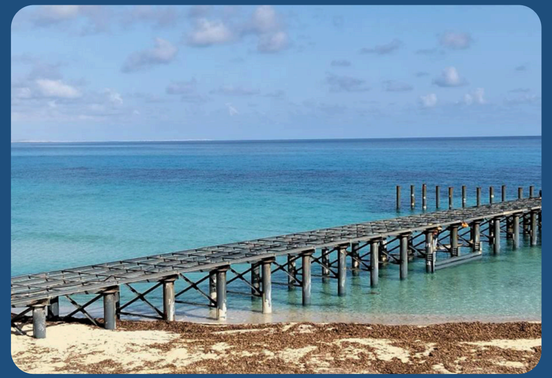
Aabella Tourist and Urban Development

Description

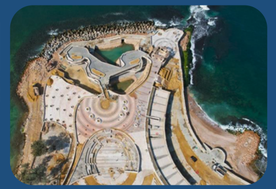
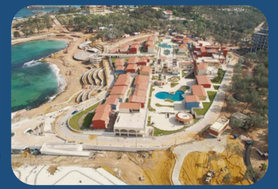
Length the Platform: 330 m
Fabrication of Steel Connections
Prepare method statements
Prepare shop drawing by Tekla Structures



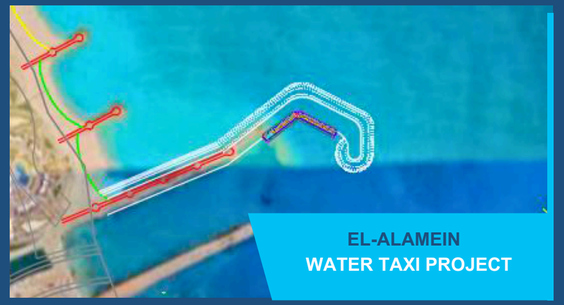
DIRECTION WHITE-COASTAL DEVELOPMENT PLAN



EL-MUNTAZAH SHORE PROTECTION

EL-ALAMEIN RESORT



2025

North Coast,Egypt

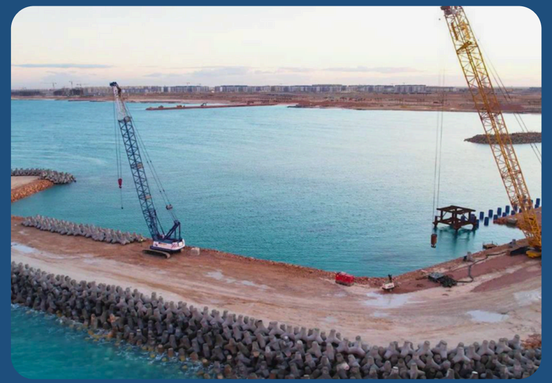
Client

Engineering Authority of the Armed Forces

Description

Construction of quay wall with draft 12 m
Construction of yacht Marina
Gaining sand beaches
Construction of water taxi
Construction of the Project Breakwaters
Constitute the link between the design and execution of construction works through a clear work procedure

EL-ALAMEIN WATER TAXI PROJECT



2023

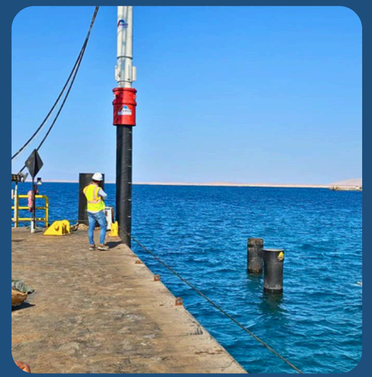
Kingdom of Saudi Arabia

Client Neom

Description

The Construction, farbrication and erection of Steel platform In Sindala Island located in kingdom of Saudi Arabia Redesign the Platform. Design of Steel Connections. Quality Control and Supervising. Prepare Method Statements. Prepare shop drawing by Tekla Structures

SINDALA - KSA
PLATFORM AND EMERGED BREAKWATER



RAS QASABAH
TEMPORARY FIXED JETTY

2023

Kingdom of Saudi Arabia

Client Neom

Description

Ton of steel: 2000 ton
The construction of a temporary Jetty in the Shushah Island Located in Ras Qasabah.
The new Jetty will be used for the loading and unloading of construction materials and equipment for the early works of the island, as well as the transfer of staff
Redesign the Platform Design of Steel Connections
Quality Control and Supervising
Prepare Method Statements
Prepare shop drawing by Tekla Structures

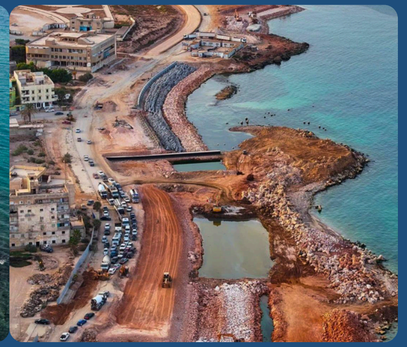
RAS QASABAH - KSA
TEMPORARY
FIXED JETTY

2024

Wadi Derna, Libya

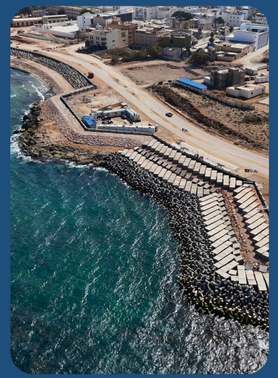
Client Wadi Derna, Libya

Description Rehabilitation of Derna wadi and Cornish due to flood damage



WADI DERNA, LIBYA

SHORE PROTECTION, CORNISH DEVELOPMENT AND CONSTRUCTION OF THE COASTAL ROAD



WADI DERNA, LIBYA
CONSTRUCTION PROJECT FOR
VEHICLE BRIDGES NO. 5 & 6

2024

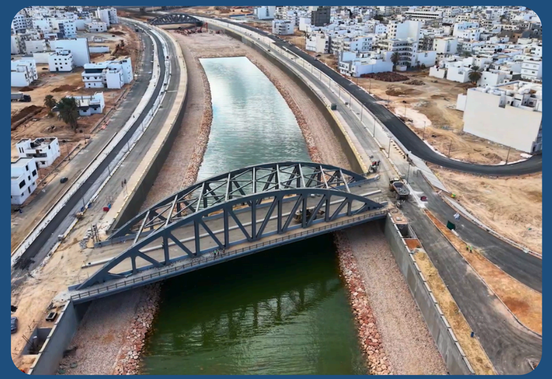
Description

Wadi Derna, Libya

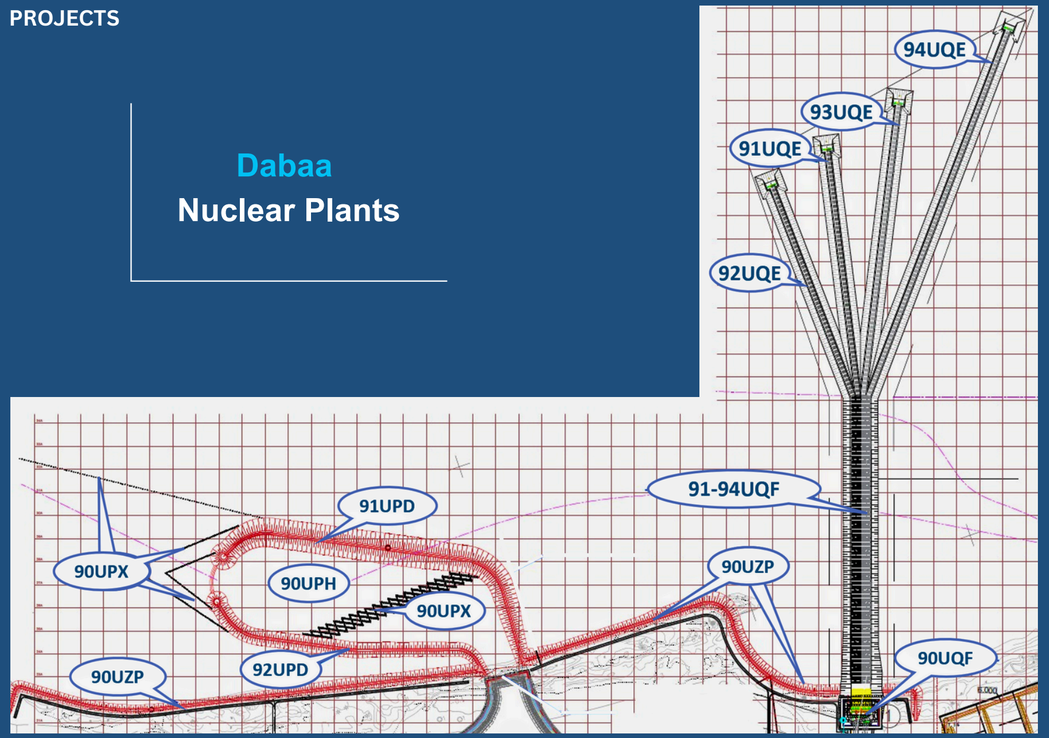
Client Wadi Derna, Libya

WADI DERNA, LIBYA

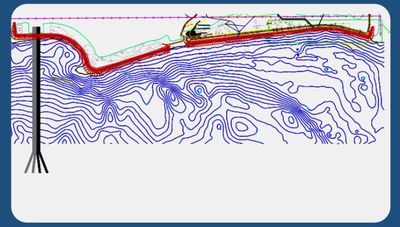
CONSTRUCTION PROJECT FOR VEHICLE BRIDGE NO. 5 & 6

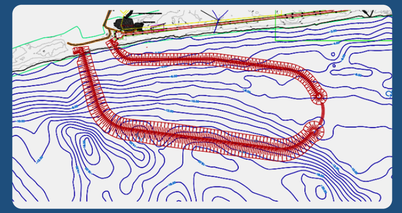


Dabaa
Nuclear Plants



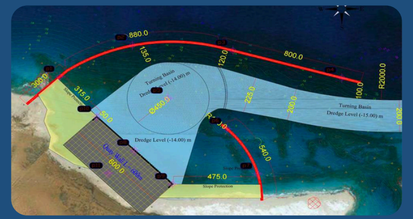
COAST LINE ARRANGEMENT (COAST PROTECTION STRUCTURES) 90UZP

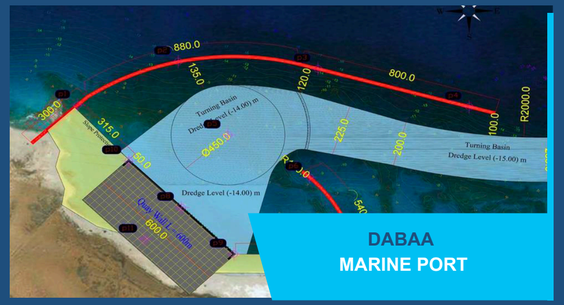




DABAA SHORE PROTECTION AND INTAKE

DABAA MARINE PORT





2019

Dabaa ,
Matrouh ,Egypt

Client Egyptian Navy

Description

Gravity Blocks Quay Wall Length:300m ,Draught 8 m
Main Breakwater (Armor: Tetrapods 24t) Length:1250m ,
Depth -18m
Sec. Breakwater Length:565m
Dredging Quantity : 1 Million M3

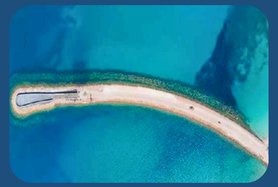
Highlights

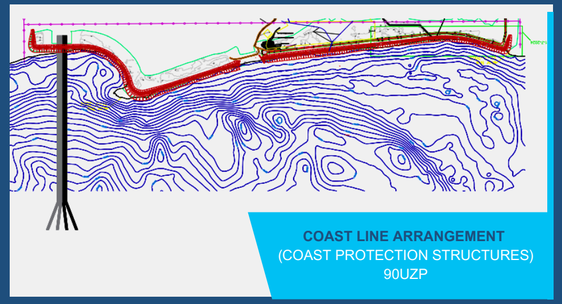
Concrete Production : 1300 CuM/Day
Daily Rock supply : 10,000 ton/day

Activities

Concrete Works
Steel Works
Marine Works (Breakwater - Quay wall - Dredging)
Buildings

DABAA
MARINE PORT





2025

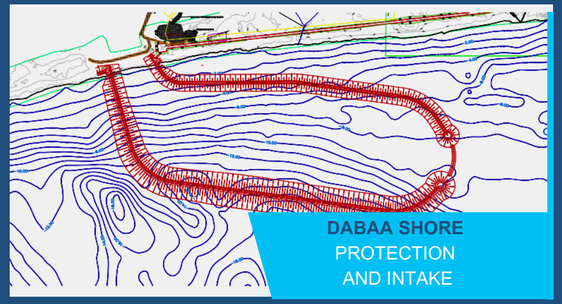
Dabaa, Egypt

Client ASE

Description

Shore protection Total length = 4.2 KM
Rock = 880,000 (M3)
Conc = 215,000 (m3)

COASTLINE ARRANGEMENT (COAST PROTECTION STRUCTURES) 90UZP



2025

Dabaa, Egypt

Client ASE

Description

LOT 1097 91-92UPD Deflector protective dam +Fish protection facilities +90UPH Sedimentation basin
Rocks = 2.5 M (M3)
Total Conc = 560,000 (M3)

DABAA SHORE PROTECTION AND INTAKE

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PROJECTS

Gharably Integrated Engineering