EDECS

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EDECS El Dawlia for Engineering & Contracting

COMPANY PROFILE 2023

EDECS

Proudly Local... *Going Global*

www.edecs.com

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Chairman's Statement

With a heritage spanning over 28 years, EDECS has established itself as one of leading marine construction companies in the region. We take great pride in reflecting on our accomplishment across a diverse range of sectors, including marine, railways, roads and bridges, infrastructure, irrigation, water control, and civil works. Our journey has been challenging, yet immensely fulfilling and rewarding. EDECS has become synonymous with excellence and quality.

We are committed to continuously improving our performance and exceeding our valued customers' expectations. Our team is constantly expanding with the addition of talented new staff in all divisions. We support each other with a positive attitude and a shared dedication to our work.

"The strength of our company relies on the strength of our employees".

I would like to extend my heartfelt appreciation to every member of the EDECS family and to all of our partners for their contributions to our success. We are dedicated to fostering a culture of learning, innovation, safety and timely project delivery.

Engineer. Hussein El - Dessouky
Chairman & Managing Director

Our Vision

Our aspiration is to rank among the top-tier construction companies in all types of construction projects in the Middle East.

Our Mission

We collaborate closely with our clients to create innovative solutions in the construction industry. Our well-trained professional staff ensures that we not only meet our clients' expectations but also venture into new markets. We prioritize delivering the highest levels of quality and safety across all aspects of our work

Our Objective

Our goal is to establish ourselves as the premier construction company in Egypt across various types of construction projects within the next five years.

Our Values

People

Our people are the true assets; we are committed to investing in their capabilities and well-being.

Quality

Our passion is excellence and ensuring a safe & healthy environment for our employees, clients & community.

Agility

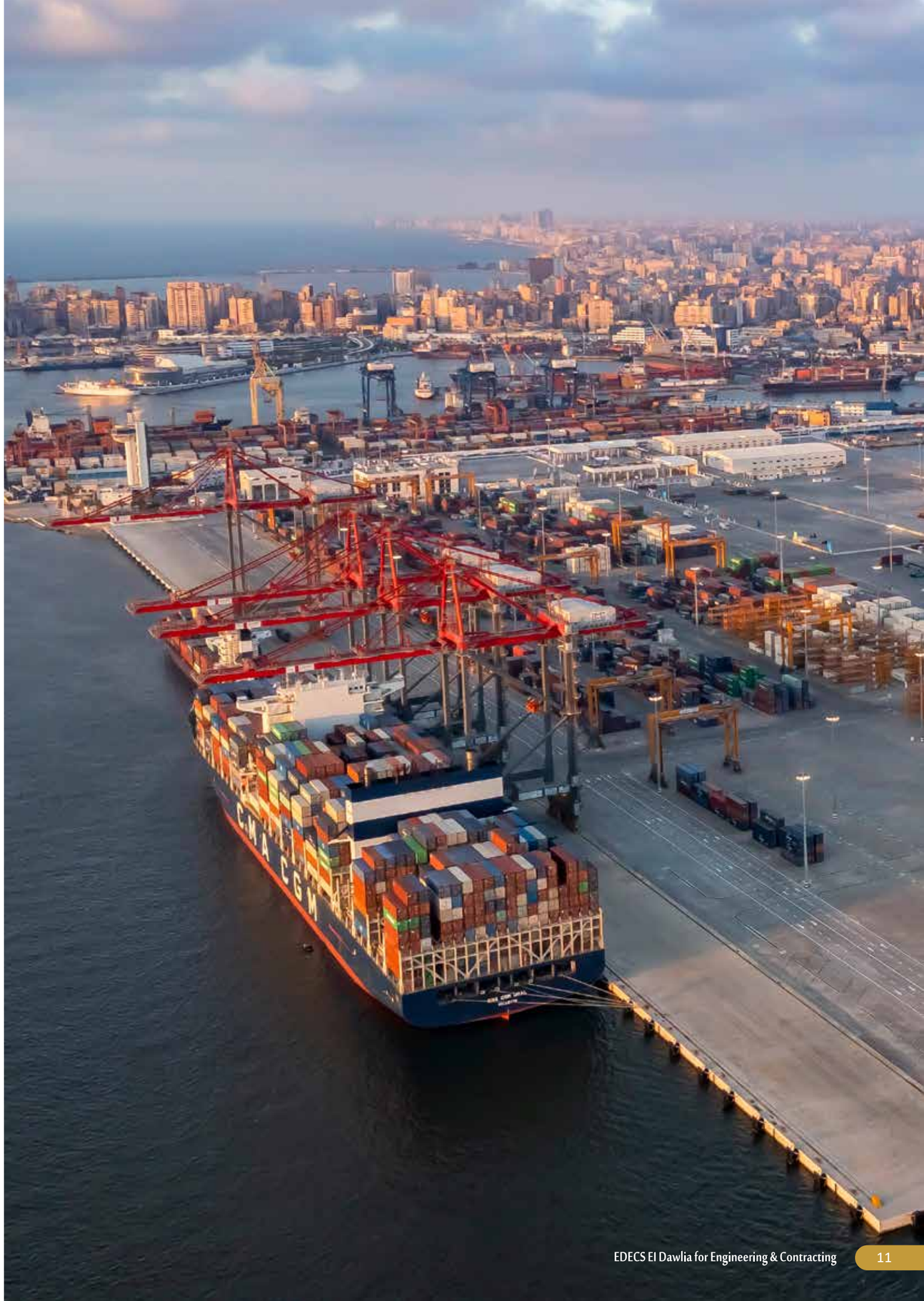
We focus on adopting innovative, and flexible solutions to proactively overcome challenges.

Ownership

Honor our promises and strive to build and maintain strong long-term partnerships with our clients.

Integrity

Our ethics rule all our actions and relations.



Consistent Excellence and Future Potential

Resolute Launch

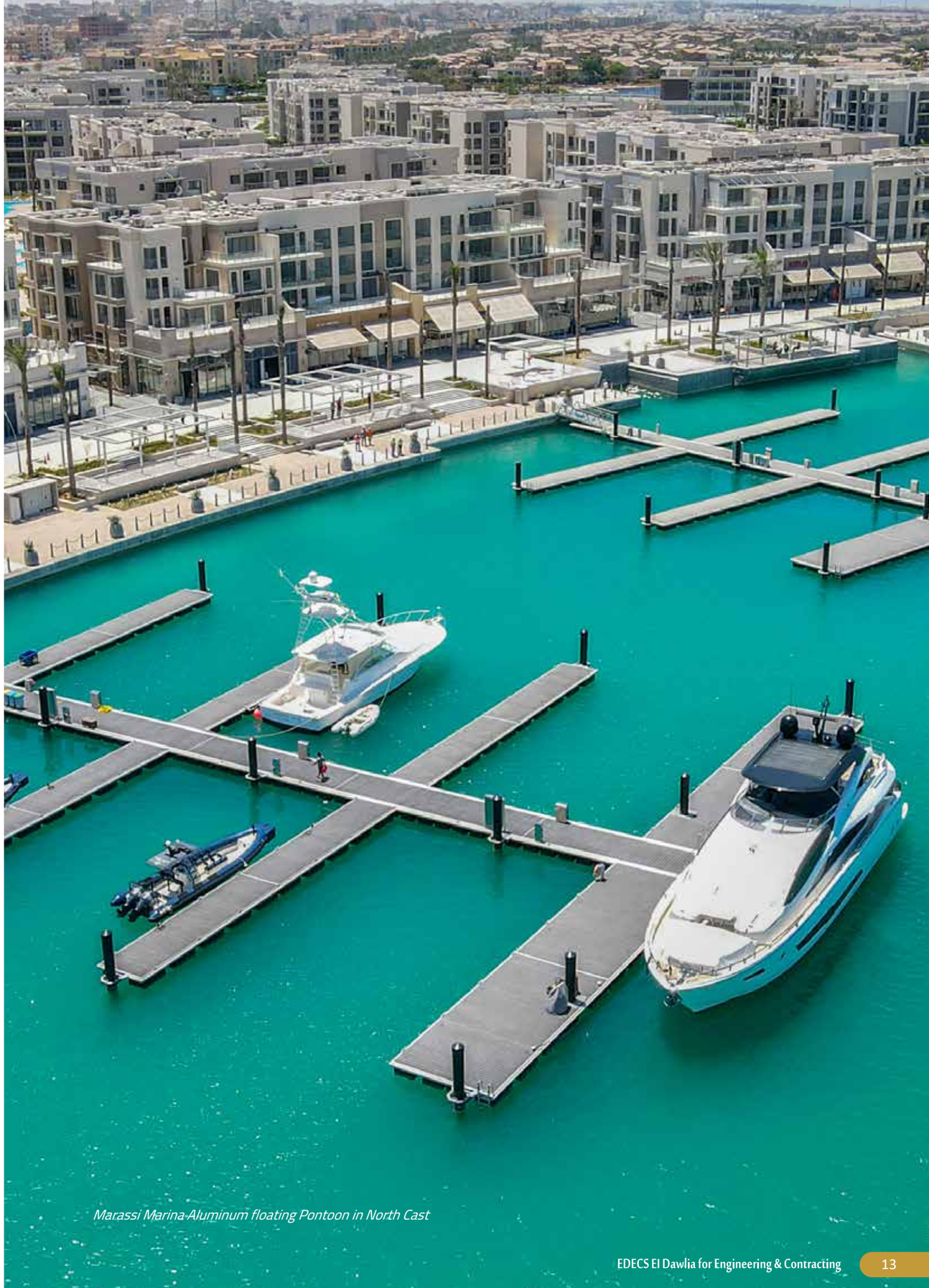
In 1995, EDECS for Engineering and Contracting emerged as a general civil works contractor, specializing in large-scale and complex construction Projects.
Pursuing an ambitious vision for expansion and diversification in the field of marine works, seaports, and infrastructure works; EDECS has persisted in this field with growth and excellence. EDECS has broadened its services to encompass dredging, marine works, roads, bridges, and irrigation stations. The company has also consistently invested in procuring the latest and most advanced equipment for excellence in these areas.

Founded to Excel

Over the last 28 years of diligent work and success, EDECS has swiftly become the go-to company for complex marine projects in both the Egyptian market and the GCC region.
EDECS gained the requisite momentum to expand and diversify its portfolio into other construction sectors, namely: bridges, railways, roads, infrastructure, irrigation control structures, soil improvement, shore protection and breakwaters, and constructing fish farms.
EDECS is renowned and trusted by the major clients and international consultants operating in the region, being a classified grade A contractor by the Egyptian Federation for Construction and Building.

Proudly Local... Going Global

Building on our success in delivering complex and mega projects to governmental and private sector clients with highly acclaimed performance in terms of quality, safety, time of delivery, and cost, we expanded our operations to Saudi Arabia -as an investment company- specializing in infrastructure works. EDECS growth plans extend further to more countries in the Middle East, Africa, and Gulf states.



Marassi Marina-Aluminum floating Pontoon in North Cast

EDECS Empowering Diverse Sectors

A Leading Infrastructure Contractor

EDECS is a leading contractor in the infrastructure and marine sectors Over the past five years, EDECS has experienced remarkable growth due to its unique expertise in infrastructure and marine construction, inline with the significant ports infrastructure development in Egypt.

600+

Engineering Personnel

140+

Heavy Equipment

2,600+

Manpower

Operational Sectors

Marine & Port Facilities

Buildings

Roadworks & Bridges

Infrastructure

Water Control & Earthworks

Railways

A

Grade A Contractor in Egypt & KSA

28+

Years of Experience

10+

KM of Berths

13+

KM of Bridges

320+

KM MV & LV Cables

Sustainability Policy Statement

At EDECS, we recognize our responsibility create value for our employees, customers, business partners, community, and future generations. Therefore, we are committed to advancing sustainability through a continuous improvement of corporate governance and reduction of our environmental footprint when designing, building, and managing facilities.

We believe that balanced, responsible management of the three recognized pillars of sustainability –social, environmental, and economical- is essential to achieving our vision.

EDECS is committed to minimizing the environmental impact of its business operations

In all company's activities, EDECS aims to:

- Comply with, and exceed, where practicable, all applicable legislation, regulations, and codes of practice
- Continuously improve our sustainability performance and integrate recognized best practices into our business operations
- Operate with minimal environmental impact by improving resource efficiency on job sites and offices whenever possible
- Adopt and encourage the 3Rs: Reducing, Reusing, and Recycling waste generated from our business operations
- Include a copy of our Sustainability Policy in all our proposals to clients To achieve these commitments,

EDECS shall undertake the following objectives:

1. Environment

- Minimizing harm to the environment and living things during construction through planning and management of projects
- Use local materials sustainably to decrease Greenhouse Gas (GHG) emissions
- Adopt the policy to reduce, reuse, and recycle all the materials used in our projects
- Use FSC-certified wood in our construction sites
- Implement Waste Management measures that align with Environmental Management Plan (EMP)
- Ensure Energy Efficiency through design, construction, and operation
- Consider and actively promote the use of sustainable resources and materials
- Provide relevant environmental/ sustainability training to EDECS employees, workers, and representatives
- Reduce environmental impact wherever possible, using the best practices and standards
- Undertake voluntary work with the local community and/or environmental organizations and make donations to seek to offset carbon emissions from our activities

2. Social

EDECS'S role extends to enhancing the communities where we operate and providing value to stakeholders and people of all backgrounds. Edecs works to make people's lives better through its corporate social responsibility (csr) program, which provides several services and activities to ensure equality and balance among generations.

We provide the basic requirements for our internal stakeholders, as well as community welfare support and investment through our csr program:

- Provide training programs for engineers, workers, and technicians
- Offer annual internships to qualify them to the international labor market requirements
- Conduct charity construction works to support the local community through ngos and other charity organizations
- Provide humanitarian aid to local hospitals and underprivileged villages
- Participate and sponsor events and conferences that focus on our csr pillars, such as the annual sustainability conference held in luxor under the slogan of "sustainability, economic and social transformations.

3. Governance

Economic sustainability is a vital aspect of Sustainable economic development at EDECS, which entails:

- Creating a strong and stable construction business
- Respecting the applicable legislation concerning sustainability
- Reducing operational costs by optimization of internal resources, efficient design and construction, and reduction of fixed costs, while maintaining the quality of our services
- Adopting the 3Rs initiative
- Applying sustainable procurement practices

EDECS Internship Program

At EDECS, we believe in empowering and fostering opportunities for the youth. Our internship program provides a comprehensive learning experience for young individuals who are interested in the construction industry. Through this program, interns get to apply their theoretical knowledge to practical situations and develop their professional skills through real-world projects and site visits.

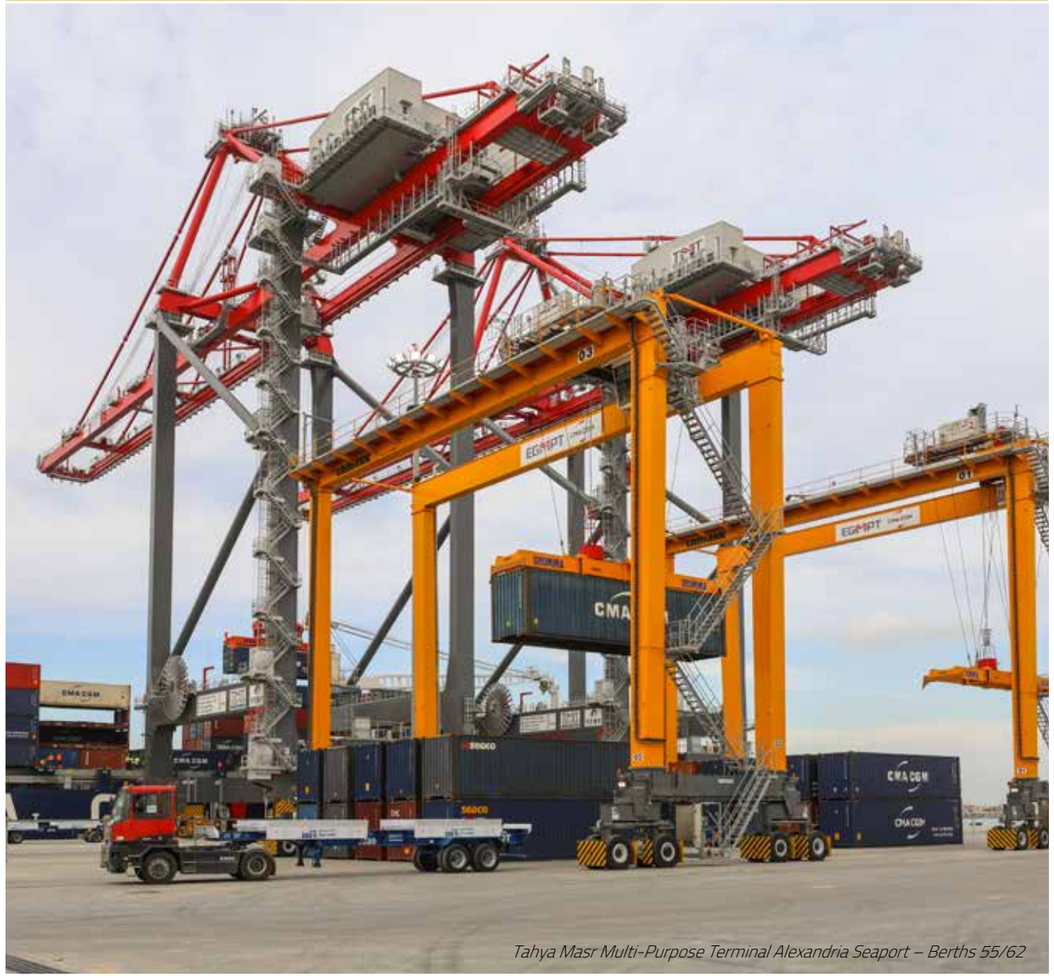
Interns work closely with experienced mentors who guide them through various aspects of the industry, such as project management, quality control, and safety regulations. Many of our interns have successfully transitioned to full-time employees at EDECS. We are committed to nurturing the next generation of talent and leading the industry to new heights.

Our internship program offers a promising opportunity for young talents to gain valuable experience, network with industry professionals, and establish a solid foundation for their future careers.

EDECS Up-Skill Program

At EDECS, we value our employees and their continuous professional development. That's why we have created the EDECS Upskill Program to equip our team with the latest trends and technologies. The program covers a range of topics that enhance employees' technical knowledge and skills, such as projects, contracts and cost management, commercial and tendering, technical procurement, BIM standards, and more.

By participating in this program, our employees can stay on top of the game and deliver the best possible services to our clients. We believe in investing in our employees' growth and success, making EDECS a great place to work.



Tahya Masr Multi-Purpose Terminal Alexandria Seaport – Berths 55/62

Collaboration

EDECS prides itself on collaborating with International and national contractors to meet our clients' requirements.

Some of our notable collaborations include:

- Dredging & Slope Protection-Port Said With Boskalis-Hyundai-Ballast Nedam-Jan De Nul.
- Port Said Container Terminal with Archirodon.
- El-Salam Cable-Stayed Bridge with Kajima.
- Dredging Work for Intake Pipe Line at Al Sokhna Thermal Power Plant with Egyptian Dutch Dredging Co. & Abeko Server Co.
- Polypropylene Factory with Uhde-Petrojet.
- Shore Protection for Bunkering & Storage Marine Terminal East Port Said Seaport for Mashreq Petroleum Co.
- Shore Protection-Navigation Channel East Port Said Port with Arab Contractors.

Building Success with Our Clients:

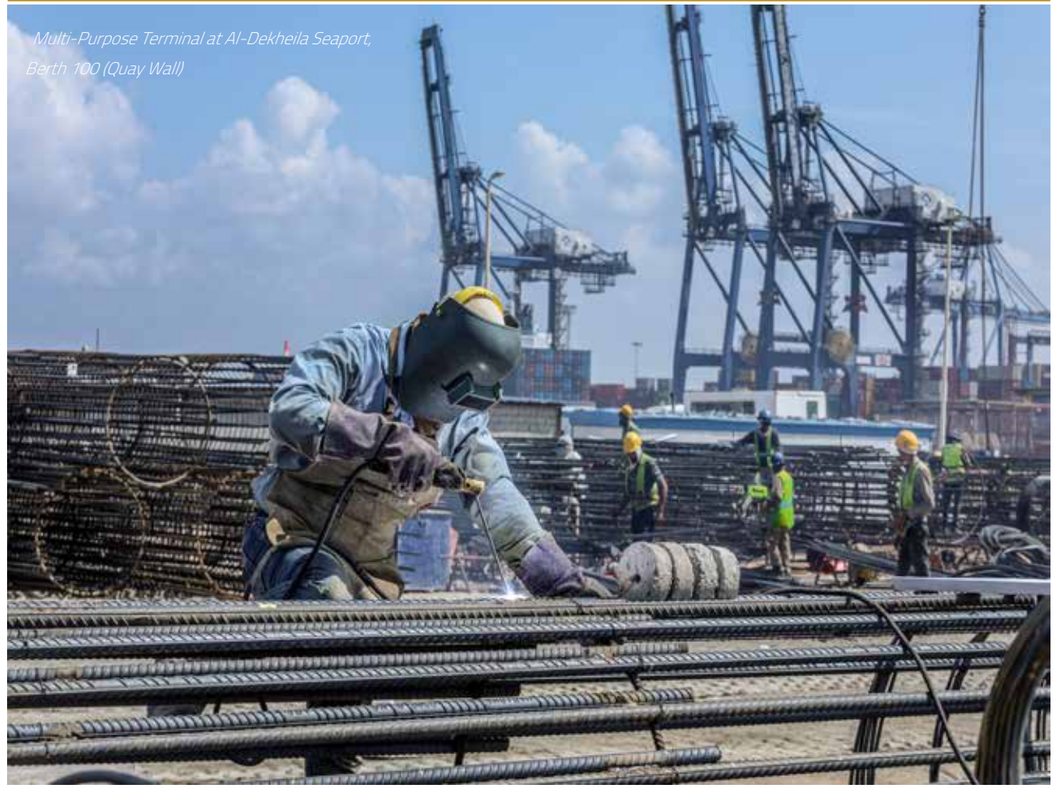
We are proud to have contributed to great projects for great clients in collaboration with major contractors.

EGYPTIAN GROUP FOR MULTI PURPOSE TERMINALS
وزارة النقل MINISTRY OF TRANSPORT
الهيئة العامة لموانئ البحر الأحمر
الهيئة العامة للطرق و الكباري و النقل البري
SC°ZONE المنطقة الاقتصادية SUEZ CANAL ECONOMIC ZONE
الهيئة العامة لميناء الإسكندرية
ميناء دمياط
KHATIB & ALAMI
ELSEWEDY ELECTRIC
dar
getinsa-euroestudios
tpf ENGENHARIA
ACE CONSULTING ENGINEERS MOHAMMAD BAKHOUM
menard
ماجد القطيم MAJID AL FUTTAIM
BAUER
موانئ دبي العالمية DP WORLD
ETROJET بتروجت
المقاولون العرب
بنك أبوظبي الأول FAB First Abu Dhabi Bank
SNB Saudi National Bank
SYSTRA
HYUNDAI ENGINEERING CO., LTD.
Reliance Ready Mix
QNB AL AHLI
مصرف الراجحي Al Rajhi Bank
saib
البنك العربي الافريقي الدولي arab african international bank
بنك مصر BANQUE MISR
البنك الأهلي المصري NATIONAL BANK OF EGYPT
ahli united bank
بنك القاهرة Banque du Caire
الوطني NBK
Emirates NBD
中国中铁二院 CREEC
EGYDRILL MISR
TUV NORD
SCS
SCCT
中国中铁
AMIRAL
bp
KAJIMA CORPORATION
EnviroTrade Environmental and technical support
中航国际 AVIC INTL
ABEKO DREDGING & MARINE CONTRACTORS Ltd
TAQA Arabia
ACC ARABIAN CONSTRUCTION CO.
EDDC
EMAAR MISR
BUILD Construction & Engineering
Mashreq PETROLEUM
DJN ondememingen Jan De Nul n.v.
BESIX
Uhde ThyssenKrupp
Ballast Nedam
ISO 9001 ISO 14001 ISO 45001 BUREAU VERITAS Certification
TÜV AUSTRIA
ARCHIRODON
methanex the power of agility
MORRISONS
Boskalis

Gesr El Suez Bridge

EDECS Attributes its Success to:

- Competent Management Team: Our management team has accumulated and diversified expertise that adheres to internationally accredited industry standards.
- Advanced Management Program: We use Enterprise Resource Planning (ERP) system to optimize our workflow and gain full control over our business process.
- Dynamic Human Resources Team: We constantly recruit the best candidates for our growing vacancies, whether in the project sites or in the Head Office.
- Solid Supply Chain System: We maintain excellent relations with suppliers and subcontractors and use logistics control schemes to ensure resilience in business continuity.
- Modern, Cutting-Edge Equipment: We have suitable equipment for every job and keep them in optimal condition.
- Strong Financial Position: We have the financial resources to cater to our needs.
- On-the-Spot Client Service: We have branches in Cairo, Port Said, and Riyadh to serve our clients promptly and efficiently.
- Equipment Management & Maintenance Unit: We have dedicated unit to test, repair, overhaul, or modify most components in our equipment.



Multi-Purpose Terminal at Al-Dekheila Seaport, Berth 100 (Quay Wall)

Construction of Multi-Purpose Terminal at Safaga Seaport (Quay Wall)

Quality, Safety & Environment Accreditations

At EDECS, we are committed to delivering quality, safety, and environmental excellence in all our projects. We have the following accreditations and policies to ensure we meet the highest standards of our industry:

- Quality: Quality is at the heart of our operation. We provide on-site dedicated quality control teams who are equipped with all the necessary tools to ensure we meet or exceed our customer expectations.
- Health, Safety, and Environment: HSE is our priority. We comply with all safety and environmental requirements stipulated in the Egyptian and international standards. We always strive to create a safe and healthy working conditions for our employees, clients consultant, and subcontractors.
- Accreditations: we adhere to the world's highest accreditations as a result of the management's continuous efforts to ensure adherence to the international standards. These include:
    - ISO 9001: 2015 Quality Management System (QMS)
    - ISO 45001: 2018 Occupational Health and Safety Management (OHSAS)
    - ISO 14001: 2015 Environmental Management System (EMS)

The Integrated Management System Policy ensures that we:

- Deliver quality and timely projects that satisfy our clients.
- Provide a safe and secure working environment that protect our people and assets.
- Consider environmental protection in all our operations and minimize our impact.
- Considering environmental protection in our operations.
- Achieve a suitable profit to sustain our growth and competitiveness in the construction field.

EDECS Management System Principles:

- Consistently meeting the agreed clients' requirements in the most effective and efficient way.
- Protecting all of our projects from any potential risk that may affect any of our stakeholders, including: employees, clients, consultants, or any individual working on the projects.
- Achieving integration and seamless communication between the various sectors of EDECS to ensure the optimum effectiveness of the integrated management system.
- Working collaboratively with consultants and subcontractors to deliver projects with the highest quality, safety, and environmental standards.
- Complying with the relevant local and international legal obligations and regulations.
- Setting SMART objectives and measuring the achievements to evaluate the effectiveness of the Integrated Management System and to act upon outcomes.
- Periodically measuring all performance indicators for continuous improvement and innovation.

1 Marine *Construction*

EDECS is a leader in the marine industry, providing cutting-edge solutions for harbor facilities, waterfront developments, and seaside structures. Our expert team at EDECS uses innovative techniques and materials to ensure robust and eco-friendly outcomes.

Construction of Tahya Masr Multi-Purpose Terminal,

Alexandria Seaport – Berths 55/62 (Quay Wall)

Owner: Egyptian Group for Multi-purpose Terminal (EGMPT)

Consultant: Dar Al-Handasah Engineering Consultants

169,518 m³
Amount of Concrete

41,696 tons
Amount of Steel

30 months
Project Duration

15 million tons
Goods Capacity

Project Overview:

The Tahya Masr Multipurpose Terminal is a state-of-the-art terminal that will play a pivotal role in transforming the Alexandria Seaport into a regional and global hub for trade and logistics.

With its large capacity of goods, the terminal is expected to boost the port's annual revenues, expedite waiting times for ships docking at the port, create investment opportunities, and generate many job opportunities.

Furthermore, the terminal will play a crucial role in Egypt's modern transport sector, as a key link in the forthcoming $4.45 billion high-speed electric rail line, which will connect the Red Sea port of Ain Sokhna to the Mediterranean Ports of Alexandria and Marsa Matrouh. The terminal will also supply the dry port on the 6th of October Industrial City as well as the logistics center associated with the Alexandria Seaport.

Scope of Work:

1- Construction of a container berth on the northern and western sides of the project site, with a total length of 1420 m and a depth of 17.5 m.

2- Construction of a container berth on the southern side of the project site, with a length of 930 m and a depth of 14 m.

3- Construction of the storage terminal yards at the project site, with an Area of 550,000 m^2, including the finishing paving layers of base course material, concrete paving, and heavy-duty concrete laying blocks.

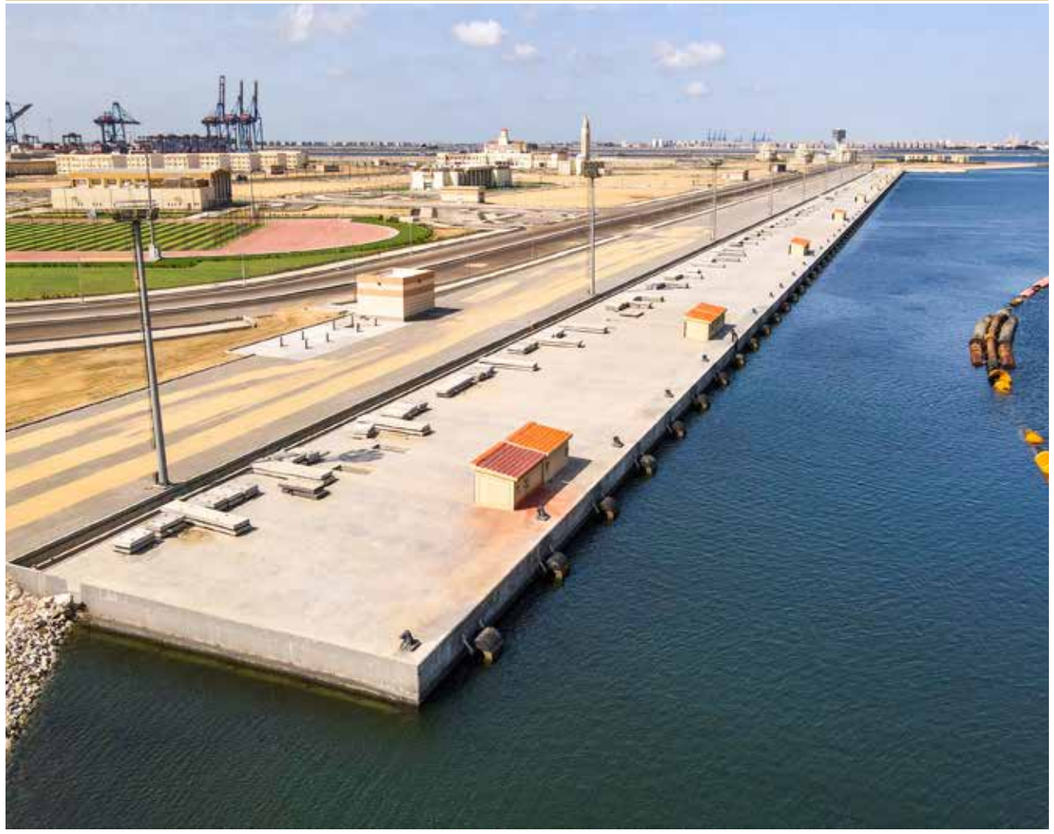
4- Construction of an environmental barrier of 2,650 m in length to protect the environment of the navigation channel in the Seaport during sand reclamation works.

5- Reclamation and Backfilling work for the entire area of the project to execute and construct a berth and yards with estimated quantities of about 10 million m^3. The backfill will be carried out by using land and specialized marine equipment (Hopper dredger).

6- Executing the soil improvement works for the entire area of the project for the berth and yards with an area of 473,749 m^2 by using Prefabricated Vertical Drains (PVD), Vibro-compaction (VC), and Rapid Impact Compaction (RIC).

7- Construction of the berth with a length of 2,350 m and 33.9 m in width includes the following:

- Front diaphragm wall with a width of 1.20 m, a depth of up to 36.3 m, and a length of 1,420 m, and estimated concrete quantities of 61,800 m^3 for the berths with a depth of 17.5 m.
- Front diaphragm wall with a width of 1 m, a depth of up to 36.3 m, and a length of 930 m, and estimated concrete quantities of 33,759 m^3 for the berths with a depth of 14.50 m.
- Piles with a diameter of 1.20 m, a depth of up to 36.30 m and 35.00 m, with a total length of 42,028 m, and estimated concrete quantities of 49,000 m^3.
- Barrettes with dimensions of 2.8 x 0.8 m, a depth of up to 36.30 m and 35.00 m, with a total length of 42,028 m, and estimated concrete quantities of 54,235 m^3.



Construction of Eastern Quay Wall & Breakwater

East Port Said, Egypt

Consultant: Dar Al-Handasah Engineering Consultants & Modern Engineering consulting office.

136,500 m³
Amount of Concrete

26,163 tons
Amount of Steel

18 months
Aug. 2018 - Feb. 2020

120,000 tons
Goods Capacity

Project Overview:

East Port Said Seaport is one of the Egyptian ports belonging to the Suez Canal Economic Zone (SCZone). It is well-positioned to be a major transshipment hub and gateway port.

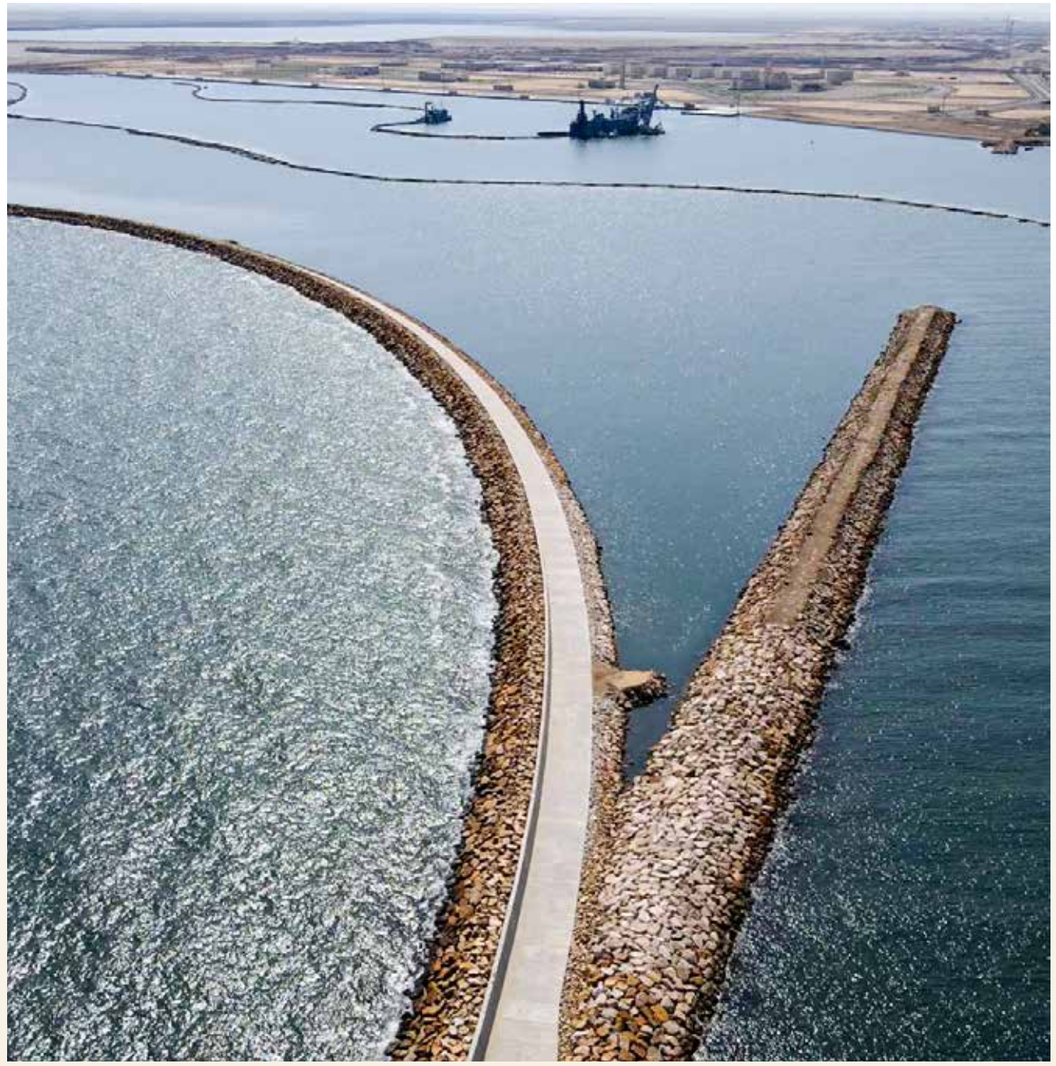
The Eastern Port Said Naval Base is designed to secure the Suez Canal, which could be threatened by the low-level insurgency in the Sinai, and to provide strategic access to recently discovered gas resources in the Eastern Mediterranean. Egypt's new naval strategy is designed to support a growing role in regional maritime affairs.

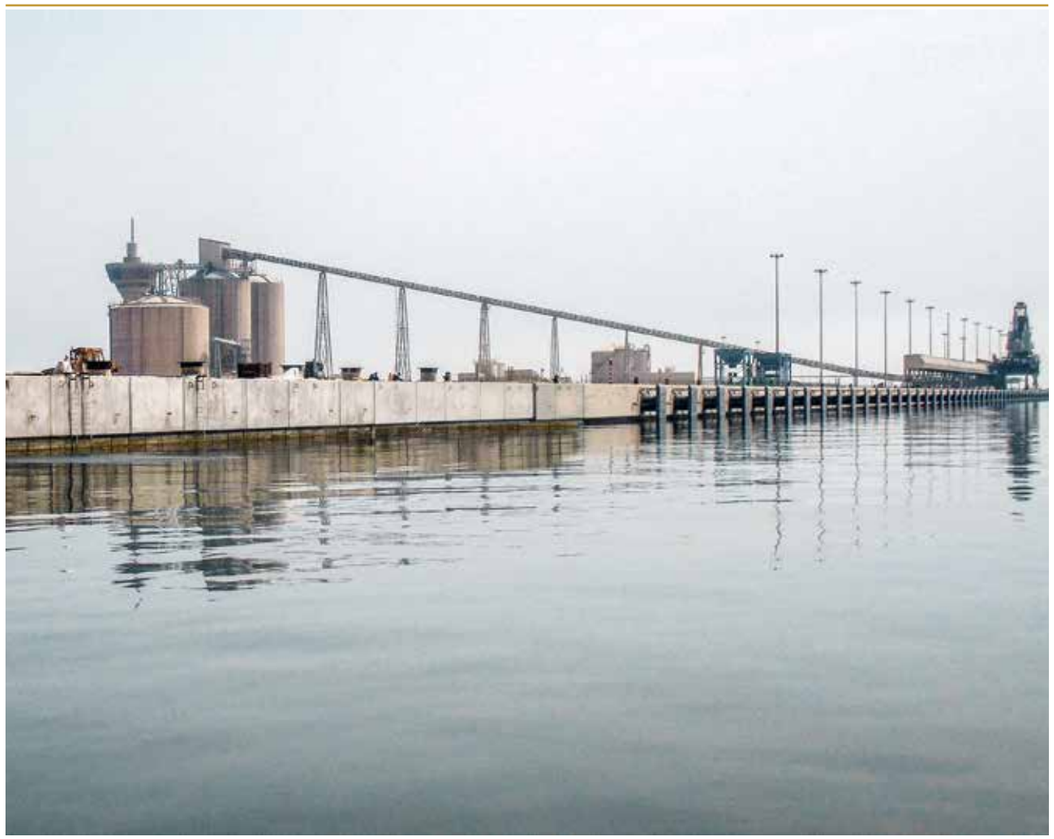
Scope of Work:

1- Construction of 1000 m Quay Wall using front deep Diaphragm reinforced concrete wall of 0.80 m thick and 63 m depth of total quantity 46,500 m³, reinforced concrete barrettes with dimensions 2.8 m X 0.8 m and depth 63 m of total quantity 58,000 m³ and construction of Deck slab of total quantity 32,000 m³.

2- Construction of a Breakwater of length 2,500 m and total rock quantity 600,000 m³.

3- Reinforced concrete utility trench of total length 1000m.





Construction of Two Berths (9 & 10) at Ras Al-Khair Seaport,

Saudi Arabia (Design & Build Contract)

Owner: SEAPA - Saudi Ports Authority, Kingdom of Saudi Arabia

Engineers: Lievense Arabia

200,000 m³
Amount of Concrete

30 months
Jul. 2014 – Dec. 2016

35 million tons
Goods Capacity

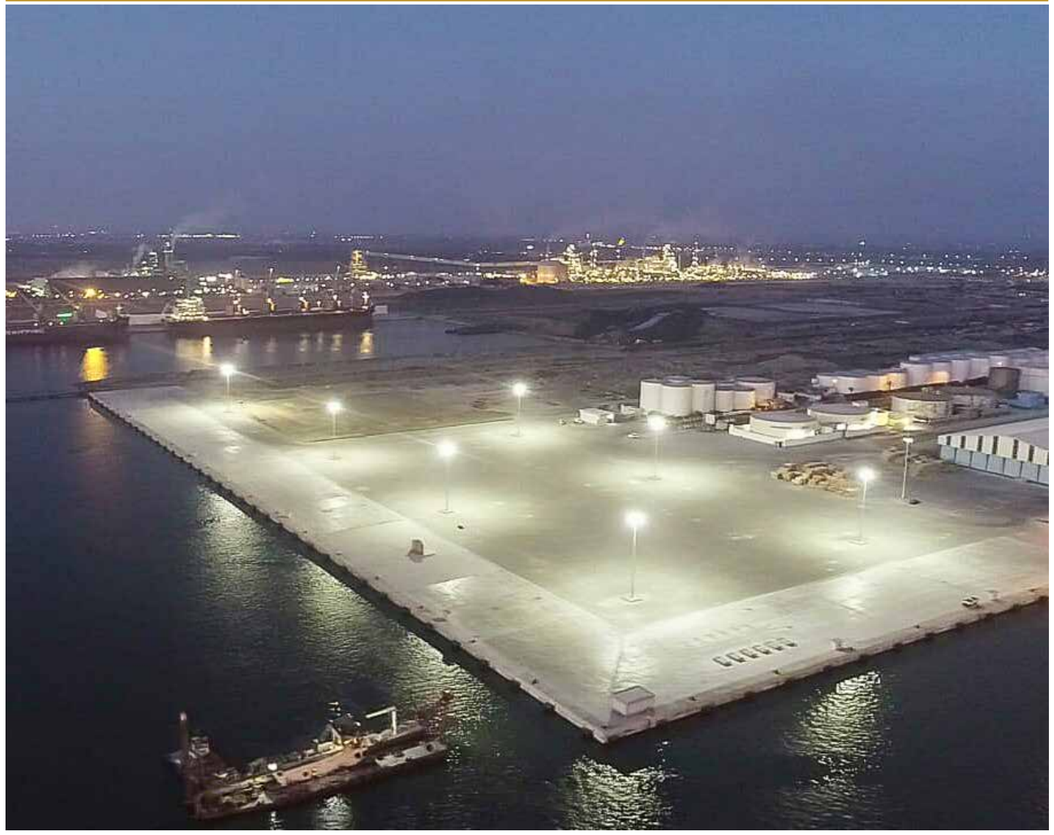
Project Overview:

Ras Al-Khair Seaport is the newest industrial port in Saudi Arabia located at the center of its rapidly-growing industrial regions. The Seaport will handle about 895.4 million tons of industrial products annually when completed. The Seaport will export about 4.335 million tons of minerals and import about 660K tons of goods.

EDECS and Rawbai Joint Venture were awarded the design and build contract to construct two container berths (No. 9 & 10) and complete Berth No. 8; totaling around 1,000 m of docking wharf.

Scope of Work:

1. Dredging more than 3.5 million m^3 to level (-16.20m) of the basin and dredging trenches to level (-26.00m) with the reclamation of more than 1.5 million m^3 in the lagoon area and more than 2 million m^3 behind the gravity-type quay wall.
2. Producing and installing about 200,000 m^3 of concrete for the quay-wall Concrete blocks, capping beams, and other works.
3. Constructing a jetty to accommodate a heavy crane of 500 tons needed to handle about 5,000 precast concrete blocks, supplied and installed for rock backfilling and anti-scouring works.
4. Supplying and installing cell fenders and bollards, constructing of interlock paving areas, asphalt roads, construction of seawater firefighting, and potable water systems.



Construction of 680 m Multi-Purpose Terminal

at Damietta Seaport, Egypt (Quay Wall & Storage Terminal Yards)

Owner: Damietta Port Authority (DPA), Egypt.

Consultant: Maritime Research & Consultation center (MRCC).

100,000 m³
Amount of Concrete

21,000 tons
Amount of Steel

18 months
Jul. 2017 - Dec. 2018

17 million tons
Goods Capacity

Project Overview:

Damietta Seaport is one of the most developed Egyptian ports by the Egyptian Ministry of Transport, considering its distinguished location. It is only 23 nautical miles from the northern entrance of the Suez Canal, which gives it advantage for the vessels crossing the Suez Canal.

Damietta Seaport also has huge potential to become the leading Egyptian commercial port, as it an integrated automated system that serves the national economy. The Port is owned by the Egyptian Ministry of Transportation and managed by the Damietta Seaport Authority, which has a clear strategy to increase the port's capacity by adding more berthing lengths and deepening the basin into 17 m. The new berth will provide 680 m of quay wall for multipurpose berthing and handling with a 17 m depth of berthing.

This terminal will enhance the port's efficiency and competitiveness by reducing vessel waiting time outside the port, increasing cargo handling volumes, attracting more ships with larger sizes and types, and expanding storage capacity inside the port area.

Scope of Work:

1- Preparing and investigating the site, including bathymetric survey, soil investigation, and installing and maintaining environmental barriers.

2- Reclaiming land to add over 50,000 m^2 to the quay wall and stacking area. This involves backfilling of about 1 million m^3 of clean sand.

3- Excavating and constructing 680 m lengths of about 28,000 m^2 of diaphragm walls with 1-meter thickness and 44 meters depth.

4- Excavating and constructing about 500 barrettes (1 m by 2.5 m and about 44 meters deep).

5- Constructing the copping beams, girders, and deck slabs.

6- Installing 59 cell fenders and 20 bollards.

7- Dredging works in front of the quay wall up to depth (-15.00) cd using a cutter suction dredger with a total dredging quantity of 760,000 m^3.

Construction of Multi-Purpose Terminal

at Al-Dekheila Seaport, Berth 100 (Quay Wall)

Owner: Ministry of Transportation

Consultant: G.C. Consultants

300,000 m³
Amount of Concrete

53,000 tons
Amount of Steel

24 months
Jun. 2022 - Jun. 2024

15 million tons
Goods Capacity

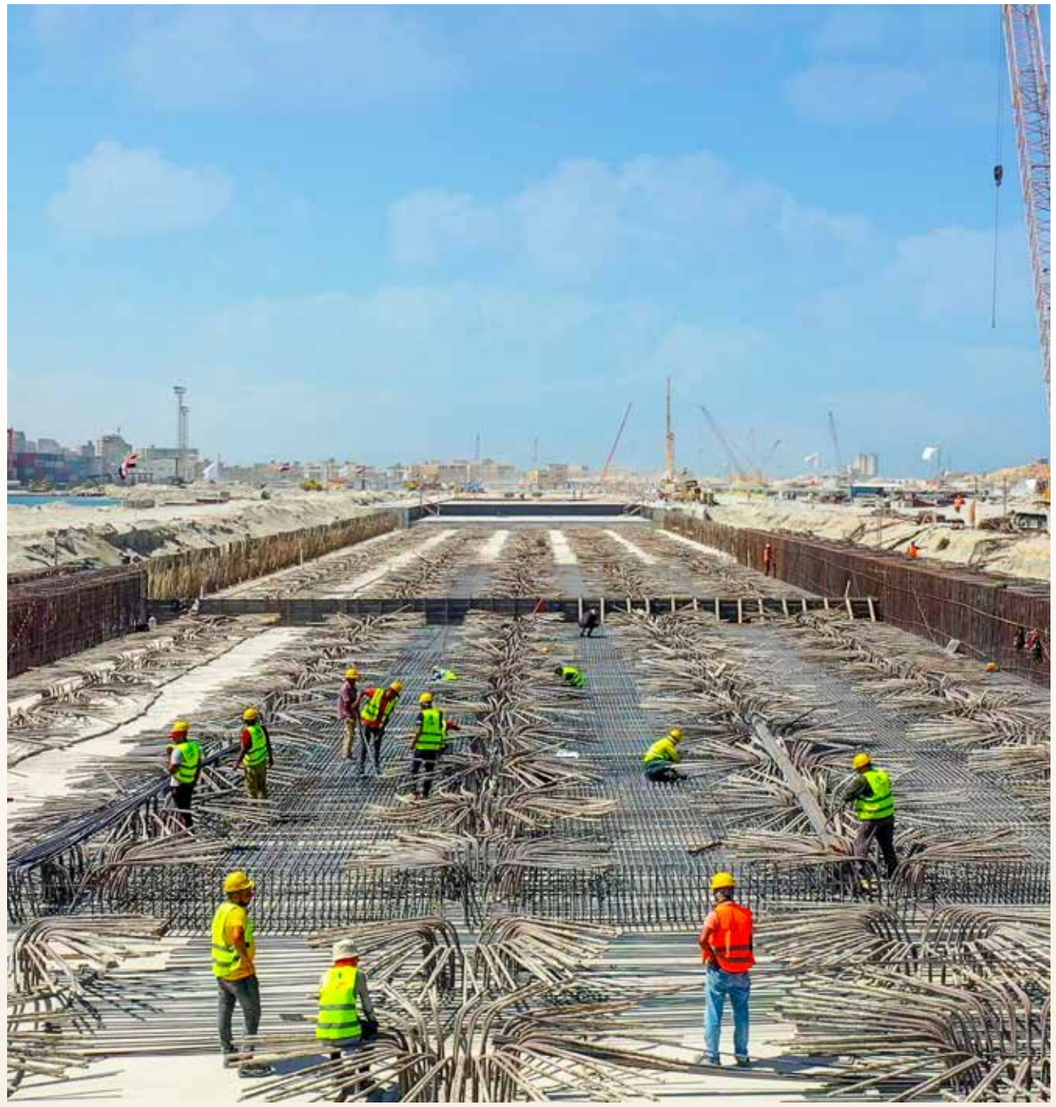
Project Overview:

Al-Dekheila Seaport Container Terminal is a prime destination for operators working in container activities, as it has a deep draft of the navigational corridor and the berths in the port. The station is also boasts a large rear yards and a long berth that can accommodate three container ships, one of them being giant, at the same time.

Berth No. 100, which is under construction, is one of the most important projects to increase the capacity of goods and containers in the port. The project consists of terminals with a berth of 1,800 meters in length, a depth ranging between 15-17 meters, and a backside of 660,000 square meters. The terminal's capacity is expected to reach 2 million containers by the end of the project.

Scope of Work:

Constructing a multi-purpose terminal on berth 100 with a length of 1900 meters by applying the diaphragm wall system.



Construction of Multi-Purpose Terminal

at Safaga Seaport (Quay Wall)

Owner: Ministry of Transportation - Red Seaports Authority

Consultant: MECO/ Dr. Hamdy El Kamhawy

118,500 m³

Amount of Concrete

1,700 tons

Amount of Steel

24 months

Dec. 2021 - Jun. 2023

7 million tons

Goods Capacity

Project Overview:

Safaga Seaport is located in a strategic and important commercial area. It is the gateway to Upper Egypt on the Red Sea and a link to Asia, Europe, and the industrial areas in Upper Egypt.

The development of the port will facilitate more investments in the region and in the improvement of land and sea transport networks, to accommodate ships and general cargo up to 7 million tons annually. The terminal is situated 6 km south of the current Safaga Seaport.

Scope of Work:

Constructing a multi-purpose terminal with a length of 500 meters and a depth of 17 meters by applying the concrete blocks systemBackfilling inside the sea, site preparation, and paving layers for the terminal behind the quay wall.

Construction of Ain Al Sokhna Seaport Basin 2-4 (Quay Wall)

Owner: Suez Canal Economic Zone

Consultant: Dar Al-Handasah Shair and Partners

Engineer: Ministry of Transportation – General Authority for Roads, Bridges and Land Transport (GARBLT).

211,458 m³
Amount of Concrete

40,530 tons
Amount of Steel

18 months
Dec. 2021 - Jun. 2023

20 million tons
Goods Capacity of 3 Berths

Project Overview:

Ain Al Sokhna Seaport is undergoing a massive expansion to become the largest port in the Red Sea, covering an area of 23 km². The port will serve as a strategic hub for trade between South and East Asia, South and West Europe, and North Africa.

The port's development is complemented by the implementation of the HSR "Al Sokhna - Alexandria - New Alamein" project, which will enhance the port's connectivity and efficiency as a regional and African logistics center for global trade transportation.

The project is a result of the fruitful collaboration between state institutions to improve maritime and land transport infrastructure for all Egyptian ports on the Red and Mediterranean Seas.

Scope of Work:

We are responsible for constructing a sea berth with a length of 1560 meters with a depth of 18 meters using a diaphragm wall system in basin 2-4.

Dredging and Widening Works in Basin-3 Al Sokhna Seaport

Owner: Sokhna Port Development Company & Dubai Port World.

Project Duration: Mar. 2011 – Mar. 2015 (60 months).

Project Overview:

To accommodate a large regasification vessel that would secure the natural gas supply for power stations in Egypt, Basin No. 3 in Al Sokhna Seaport needed to widened and deepened. This was a challenging project due to the presence of a very hard cemented soil layer.

Scope of Work:

We completed the project in two stages:

The first stage involved collaborating with the Egyptian Dutch Dredging Co. and ABEKO Server Co. to dredge 330,000 m^3 and dump the dredged material at a designated off-shore dumping area. We performed this works for Dubai Ports World.

The second stage involved deepening the basin and widening its northern side for Sonker Bunkering Co. We used the Backhoe Red October to dredge 400,000 m^3 and dump it. We also removed the existing shore protection, cut/trimmed new slopes, installed new geotextile filters, and protected the new slopes.

Western Edge Retaining Wall 480m for Basin 2,

Al Sokhna Seaport

Owner: DP world Sokhna

Consultant: Pacer Consultants

24,031 m³
Amount of Concrete

3,196 tons
Amount of Steel

6 months
Dec. 2021 - Jun. 2023

1 million
Containers Annually

Scope of Work:

We are responsible for constructing a quay wall with a diaphragm wall system that has an operational length of 480m and is equipped with all necessary furnishings such as fenders, bollards, ladders, and an anchoring system. We also construct a barrette wall to secure the tie rod system.

Construction of Ain Al Sokhna Seaport Basin 6

Owner: Suez Canal Economic Zone

Consultant: Dar El Handsa for Engineering Consultant

Engineer: Ministry of Transportation – General Authority for Roads, Bridges and Land Transport (GARBLT)

135,059 m³
Amount of Concrete

25,910 tons
Amount of Steel

12 months
Feb. 2023 - Feb. 2024

20 million tons
Goods Capacity of 3 Berths

Project Overview:

Al Sokhna port is expanding its capacity and area to become the largest port in the Red Sea, spanning 23 km². The port will facilitate trade between South and East Asia, South and West Europe, and North Africa.

The port's growth is supported by the HSR "Ain Sokhna - Alexandria - New Alamein" project, which will improve the port's access and performance as a regional and African logistics center for global trade transportation.

This project is an outcome of the successful cooperation between state institutions to enhance the maritime and land transport network for all Egyptian ports on the Red and Mediterranean Seas.

Scope of Work:

We are responsible for Constructing a sea berth with a length of 1005 meters and a depth of 18 meters using a diaphragm wall system in basin 6.

Construction of Marassi Marina Prefabricated

Aluminium Pontoons

Owner: Emaar Misr

Consultant: Pacer Consultants

260
Number of Pontoons

7,700 m²
Total Built up Area

9 months
Jan. 2021 - Sep. 2021

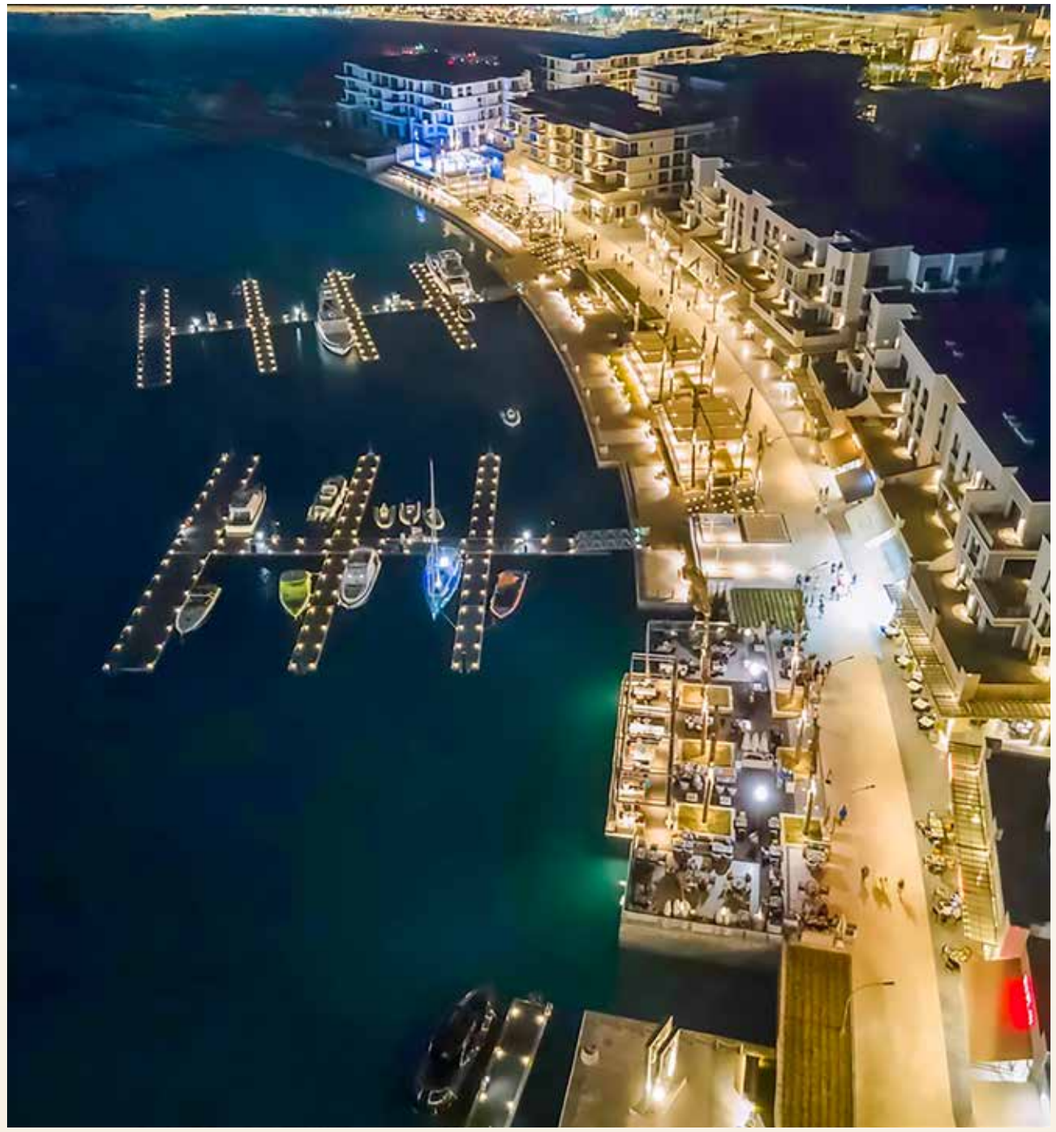
267 yachts
Marina Capacity

Project Overview:

We were selected to execute a special and strategic project for Marassi Marina Port, located along the north coast of Egypt, according to drawings, special conditions, and within the time frame.

Scope of Work:

We are responsible for supplying and installing an anchorage system of epoxy-painted steel pipes and driving them to a depth of 12 m using marine equipment. Our work includes design, shop drawing, supply, and installation of Prefabricated Aluminium Pontoons with a total area of 7500 m² and their accessors of rubber fenders, cleats and ladders, and gangways. Our work also involves utilities for the Marassi Marina Luxury Motor/Cruiser Vessel Marina Project, including water, SOS Fuel, and electric supply pedestals.



New Suez Canal Excavation & Rock Protection

Owner: Suez Canal Authority

Project Duration: Sep. 2014 - Dec. 2015 (16 months)

Project Overview:

Parts of the Suez Canal could not accommodate two-way container ship traffic. A national project was launched in 2014 to excavate and dredge a new 75 km navigation canal (200 wide, 24 m deep) parallel to the existing Suez Canal in an exceptionally short time of 12 months.

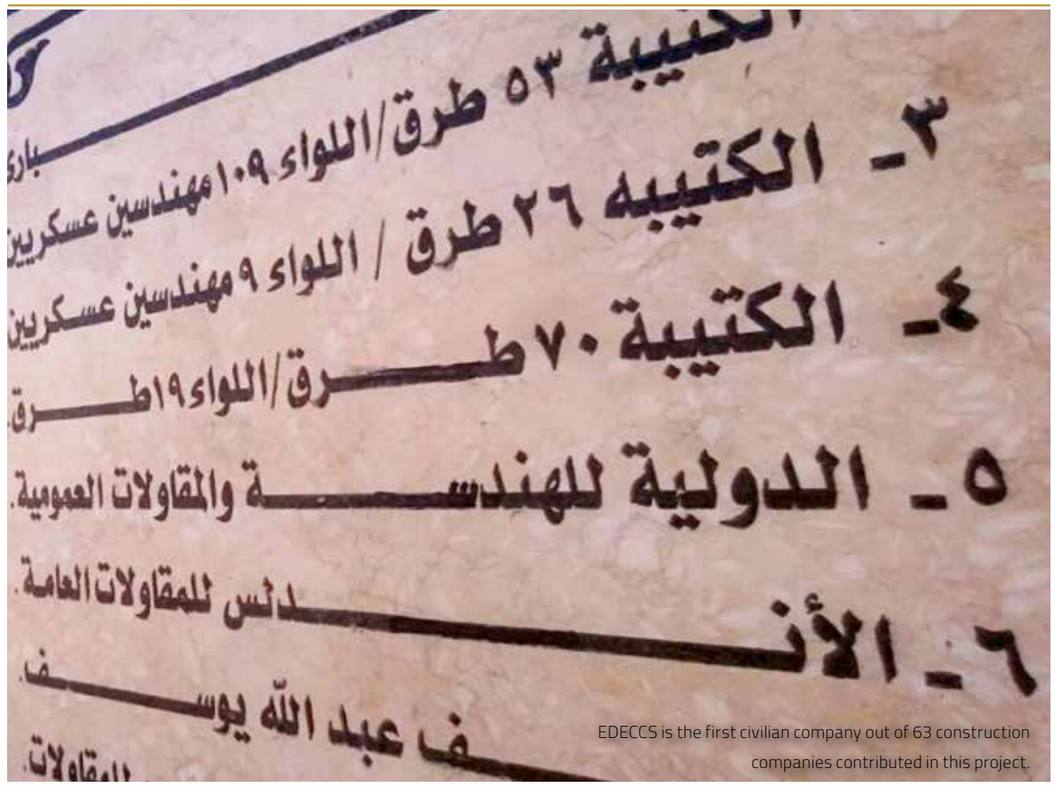
This was the largest expansion of the Suez Canal since its inauguration, completed in August 2015, a third of the originally estimated time.

Several Egyptian and multinational companies collaborated on this national project to dredge over 240 million m^3 and excavate over 200 million m^3.

Scope of Work:

We were the largest earthworks and infrastructures contractor among the 63 construction companies that contributed to this project, and we were responsible for the largest volume of revetment (12 km, main contractor) and dry excavation and dumping of nearly 13 million m^3.

We also constructed embankment for sedimentation basins of over 10 million m^3. Scope of Work includes 10 km of the New Canal revetments (including slopes trimming/leveling, supplying & install geotextile, installing rock protection layers of 130 cm thickness) and the construction of 43 reinforced concrete bollard bases along the New Canal.



EDECCS is the first civilian company out of 63 construction companies contributed in this project.

2 Roads & Bridges *Construction*

At EDECS, we specialize in building and maintaining bridges and roads, offering unparalleled solutions for transportation infrastructure. Our team at EDECS leverages the latest technologies and techniques to ensure efficient, safe, and reliable results.

Construction of Shubra-Banha Bridge

Consultant: International Consultant Engineers.

7,956 m³
Amount of Concrete

2,326 tons
Amount of Steel

1,050 meters
Length

19 meters
Width

2,552 meters
Length of Piles

5 months
Mar. 2020 - Jul. 2020

4
Number of Lanes

Project Overview:

Shubra Banha Bridge above the ring road in the direction of Banha Free Road within the third phase linking Heliopolis with the Shubra Banha to transfer traffic from the heart of Heliopolis to the agricultural road without passing through the city center in only 8 minutes.

Construction of Joseph Tito Bridge

Consultant: Moharram Bakhoum (ACE).

11,286 m³
Amount of Concrete

2,852 tons
Amount of Steel

1,200 meters
Length

12 meters
Width

3,400 meters
Length of Piles

3 months
Jul. 2020 – Sep. 2020

4
Number of Lanes

Project Overview:

Construction of Joseph Tito Bridge to connect 6th of October Street to Taha Hussein Corridor, New Nozha, and Suez Bridge, and who is heading to Al Orouba Corridor or Ismailia Desert Road, to help in the traffic flow and avoid congestion on Abdel Hamid Badawi Street.

Al Fayoum Bridge, Cross High-Speed Rail

A cross bridge for (the Cairo - Al Fayoum) road intersection with a length of 1.2 km

Owner: Ministry of Transportation & Public Authority for Roads and Bridges.

Consultant: Moharram Bakhoum (ACE).

66,775 m³
Amount of Concrete

22,000 tons
Amount of Steel

1,400 meters
Length

13,820 meters
Length of Piles

24 months
Project Duration

74 meters
Width

12
Number of Lanes

Project Overview:

An integrated system of a high-speed electric railway network linking the whole country with a total length of 1750 km and speed of 250 Km/hr. to transport passengers, tourists, and cargo along Egypt's Eastern, Northern coasts, Luxor and Aswan, the project aims to link the country with neighboring countries as well and will be implemented by Siemens along with Egyptian construction companies.

The Project Comprises Three Main Lines:

- 1st line: Sokhna - Alamein.
- 2nd line: Alexandria - Matrouh.
- 3rd line: Hurghada - Luxor.

Scope of Work:

Construction of deep foundation piles of total length 10,796 m.

Construction of the main bridge concrete structure includes foundations, columns, retaining walls, box Girder concrete deck slab with high strength prestressing wires of a quantity 52,000 m³.

With all bearing and expansion joints.

Road and earthworks include excavation, reinforced panels earth retaining walls, road base two asphalt layers, all traffic signs system, concrete curbs and new jersey

Road lightening system include lighting poles, flood lights, transformers and main distribution panel.

Construction of Gesr El Suez Bridge

Consultant: Saad Consulting Engineers

6,580 m³
Amount of Concrete

2,360 tons
Amount of Steel

560 meters
Length

1,920 meters
Length of Piles

3 months
Jul. 2020 – Sep. 2020

15.8 meters
Width

4
Number of Lanes

Project Overview:

The Suez bridge serves the traffic heading from Midan Bin Sinder to Al-Abbasiya Square to reduce congestion on Al-Khalifa Al-Mamoun Street and Salah Salem Street.

Construction of Al Amal Bridge (Shinzo Abe Axis)

Consultant: Nile Engineering Consulting

28,115 m³
Amount of Concrete

9,200 tons
Amount of Steel

850 meters
Length

26.6 meters
Width

4,280 meters
Length of Piles

4 months
Apr. 2021 - Aug. 2021

6
Number of Lanes

Project Overview:

We had established Al Amal Bridge, located at the top of the Shinzo Abe axis (named after Japan's longest-serving prime minister), which connects the Suez Road with the East Cairo Region by passing through the Azbat El Hagana up to the Mesak Road and then to the Al Amal Cemeteries.

This is due to the liquidity of the traffic and avoiding traffic congestion in the Nasr City area to serve the citizens and facilitate the flow of traffic.

Construction of El Badrasheen Bridge

Consultant: International Consultant Engineers

5,930 m³
Amount of Concrete

1,595 tons
Amount of Steel

100 meters
Length

55 meters
Width

1,180 meters
Length of Piles

5 months
May 2020 – Sep. 2020

6
Number of Lanes

Project Overview:

We constructed a bridge to cross the top of the ring road at 4 km with a width of 43 meters, within the national project for roads (the middle ring with a length of 147 km) to transfer traffic densities from Greater Cairo and connect the main roads.

Construction of Abu El Nomros Bridge

Owner: Ministry of Transport (Roads & Bridges Authority).

Consultant: International Construction Engineers.

17,500 m³
Amount of Concrete

6,000 tons
Amount of Steel

1,360 meters
Length

9 meters
Width

6,300 meters
Length of Piles

12 months
15 Jun. 2022 - 15 Jun. 2023

4
Number of Lanes

Project Overview:

Construction of a bridge at the top of the Abu El Nomros crossing, divided into two parts, the first east of the railway, with (2) exits and (1) at the Cairo-Aswan road and the second west of the railway.

Construction of El Marazik Bridge

Owner: Ministry of Transport (Roads & Bridges Authority).

Consultant: Al Raed Consultant.

14,000 m³
Amount of Concrete

3,800 tons
Amount of Steel

1,300 meters
Length

10 meters
Width

3,100 meters
Length of Piles

12 months
10 Jun. 2022 - 10 Jun. 2023

4
Number of Lanes

Project Overview:

Construction of a bridge at the top of the Al thalaga in Maraziq crossing. The bridge is divided into two parts. The first is an entrance for those coming from Giza to the top of Dahshur-Saqqara Road, and the second is an exit for those coming from Dahshur-Saqqara Road to Cairo-Aswan Agricultural Road in the direction of Assiut.

Construction of Hassab Allah El Kafrawy Bridge

Consultant: Nile Consulting Engineers.

7,660 m³
Amount of Concrete

2,700 tons
Amount of Steel

325 meters
Length

900 meters
Length of Piles

4 months
Oct. 2021 - Jan. 2022

22 meters
Width

6
Number of Lanes

Project overview:

Construction of Maadi Bridge 1 in the Hassaballah El Kafrawy axis connects Autostrad Road with Ring Road to help in the traffic flow and avoid congestion.

Construction of Umm Qamar Bridge

(Along the Link with Suez Road)

Consultant: Al Raed Consultant

10,200 m³
Amount of Concrete

2,650 tons
Amount of Steel

225 meters
Length

2,200 meters
Length of Piles

3 months
Feb. 2022 - May. 2022

30.8 meters
Width

8
Number of Lanes

Project Overview:

Construction of a concrete bridge above Suez Road with a length of 220 m and a width of 31 m along the Umm Qamar link with the Suez Road in km 16 of the regional ring to solve the congestion crisis in the area and aims to facilitate and service the movement of heavy transport trucks that transport loads of raw materials extracted from the quarries in that area to the areas Industrial and investment in Cairo and other cities, which supports the development process in the country.

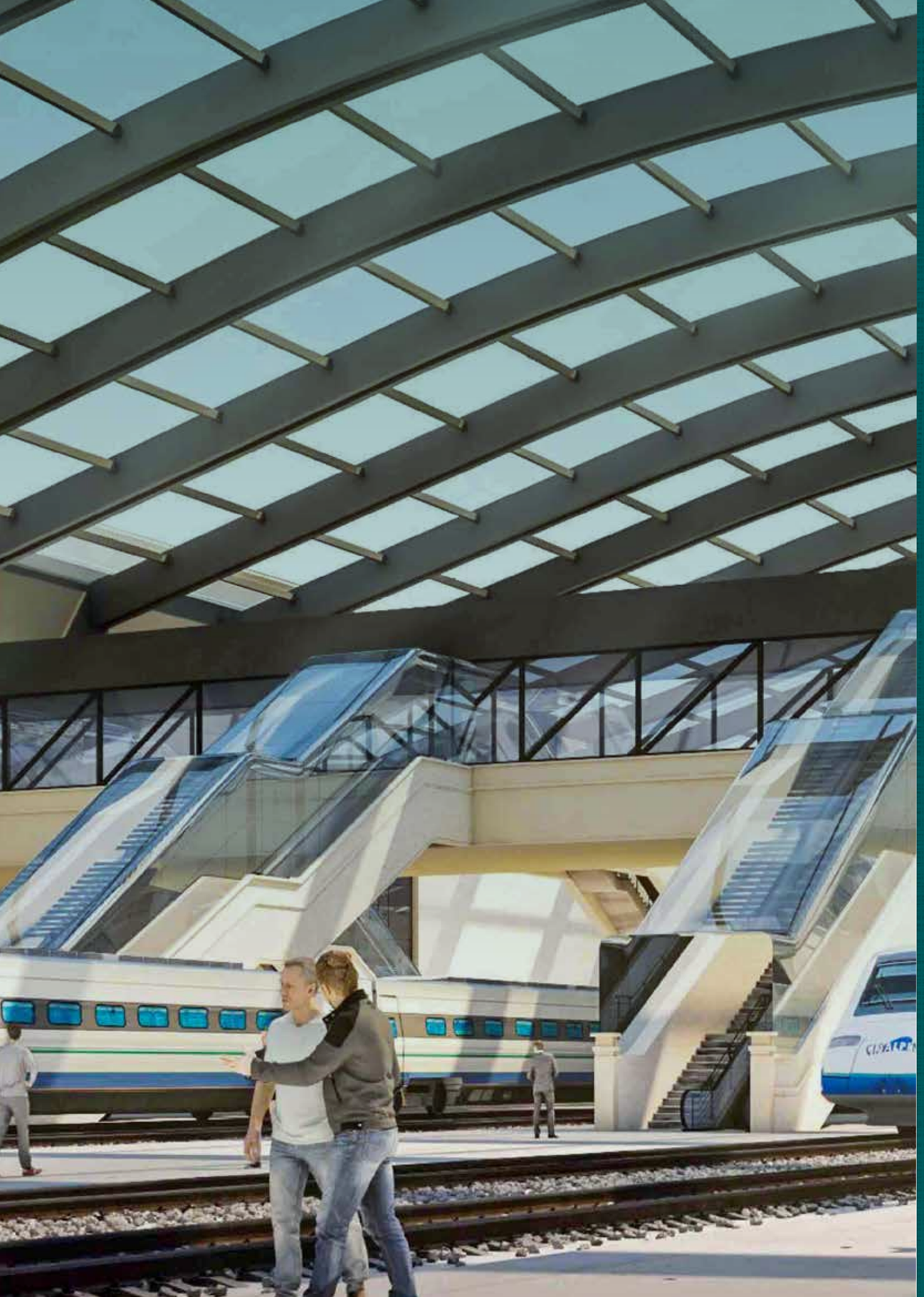
Main Road Extension - Arterial Road, East of Port Said

Owner: Port Said port Authority.

Consultant: Maritime research & consultation center.

Scope of Work:

The (Arterial Road) serves the Suez Canal Containers Terminal on one side and the Trucks Parking Terminal on the other side of the Main Road Extension. Works included excavation for the new road in very soft soil inside the dredging basin and disposal of the material, supply, backfilling & compaction of imported sand, and construction of subbase layer, base & asphalt layers.



3 Railways Construction

EDECS is a leader in railway construction, delivering high-speed electric railway systems that revolutionize global trade and transportation. Our team at EDECS prioritizes eco-friendly solutions while ensuring safety and efficiency in every project.

Light Rail Transit (LRT)

(The Military Kayan LRT Viaduct)

Owner: Ministry of Transportation & The National Authority of Tunnels.

Consultant: Khatib & Alami TPF INGENIERIA.

70,000 m³
Amount of Concrete

20,000 meters
Length of Piles

12 month
Project Duration

2,800 meters
Length

Project Overview:

The electric train project (10th of Ramadan – The New Administrative Capital) is one of the most important transit projects in Egypt during the current period. The electric train will provide an excellent service to all its users, which represents a new way from the heart of Cairo to the new cities. It's implemented by the Ministry of Transport and the National Authority for Tunnels, in cooperation with our company "EDECS" and the Chinese CREC- AVIC companies.

The electric train will run parallel to the "Cairo-Ismailia" road, reaching the international medical center, then branching north to the 10th of Ramadan city & south to the New Administrative Capital, and linking with the Cairo Metro network at Adly Mansour station.

The electric train is contributing to facilitating the movement of citizens, strengthening the transit system, increasing the comprehensive development in these new areas, and increasing trade & investment.

The project included 12 stations and extended over a length of 70 km.

The speed of the electric train will reach 120 km/hr. And will transport 350 thousand passengers per day.

Scope of Work:

Construction of deep foundation piles of total length 21,248 m.

Construction the main bridge concrete structure includes foundations, columns, retaining walls, Precast prestressed concrete of total quantity 82,000 m^3 With all bearing and expansion joints.

High-Speed Rail (HSR)

A cross-bridge above Zewail road with a length of 1.35 km & the railway track of a length of 4 km

Owner: Ministry of Transportation & Public Authority for Roads and Bridges.

Consultant: Systra Group.

44,692 m³
Amount of Concrete

17,056 meters
Length of Piles

18 months
Project Duration

1,510 meters
Length

Project Overview:

An integrated system of a high-speed electric railway network linking the whole country with a total length of 1750 km and speed of 250 Km/hr. to transport passengers, tourists, and cargo along Egypt's Eastern, Northern coasts, Luxor and Aswan, the project aims to link the country with neighboring countries as well and will be implemented by Siemens along with Egyptian construction companies.

The Project Comprises Three Main Lines:

1st line: Al Sokhna - Alamein.

2nd line: Alexandria - Matrouh.

3rd line: Hurghada - Luxor.

Scope of Work:

Construction of the access road includes base layers and asphalt layers.

Bridgeworks include, excavation, piling works of a total quantity 17,700 m, back extended wires for retaining wall Construction of main bridge concrete structure including foundations, columns, retaining walls, Precast - prestress concrete girders, box Girder concrete deck slab quantity 40,000 m^3.

Road and earthworks include excavation, reinforced panels earth retaining walls, road base two asphalt layers, all traffic signs system, concrete curbs and new jersey.

The works for the track embankment include the followings:

Excavation, backfilling works, coarse base layer and rigid pavement concrete slab of a total area 44,527 m^2.

4 Water Irrigation & Fish Farms *Construction*

At EDECS, water irrigation is just one of our many construction sectors. With advanced techniques for water conservation and sustainable land reclamation that supports related industries, our teams at EDECS prioritize eco-friendly practices for a positive environmental impact.

Construction of Control Gates & Barrages of Bahr Al-Baqar Drain

Main Regulators with Automated Sliding Gates for the water Carriage System, From Bahr Al-Baqar Drain To The Treatment Plant – East Of The Suez Canal

Owner: Ministry of Water Resources and Irrigation

Consultant: ENOIA Utilities Consulting Engineers & ACE Moharram-Bakhoum

31,300 m³
Amount of Concrete

3,400 tons
Amount of Steel

12 months
Jan. 2020 - Jan. 2021

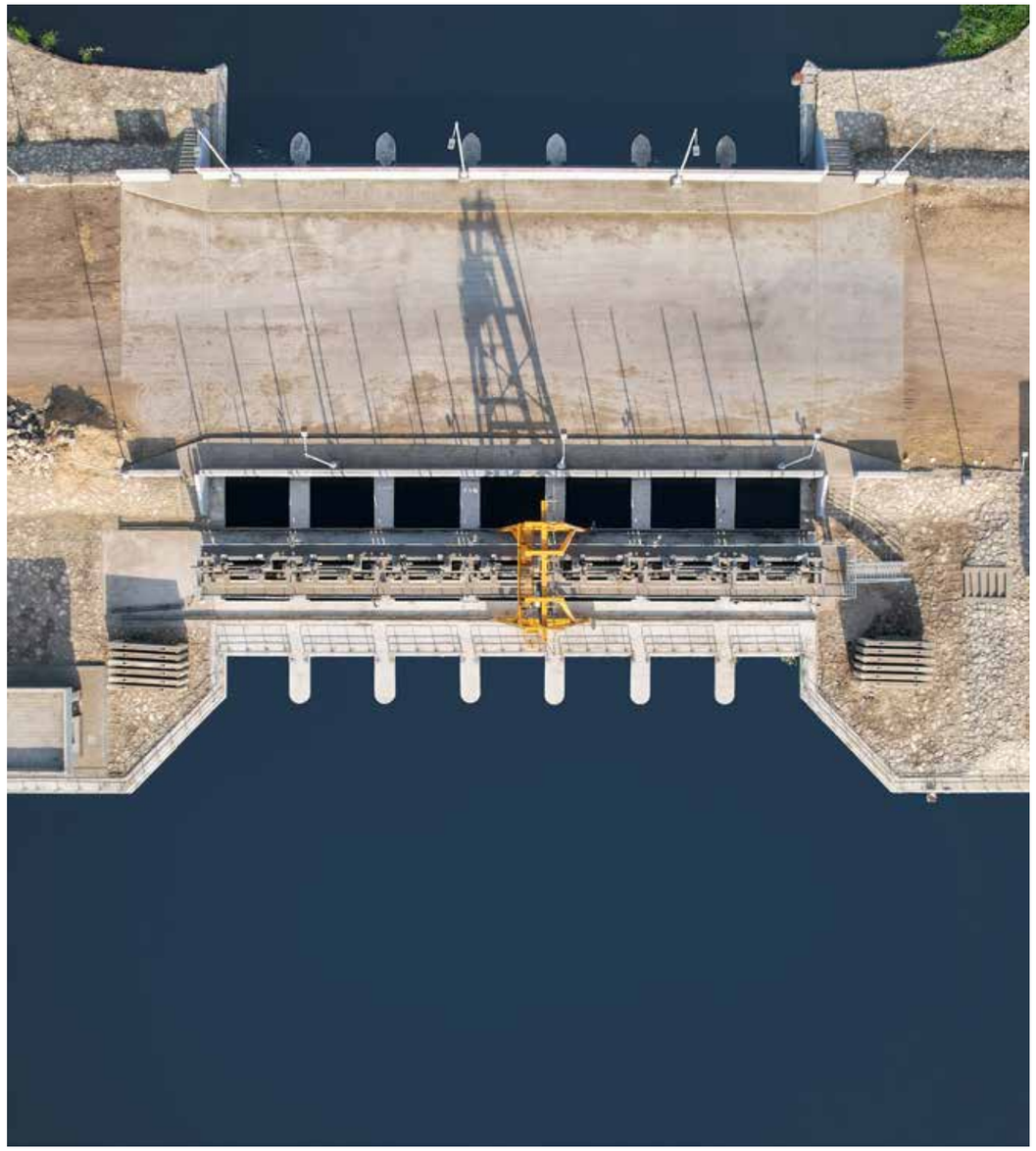
5 million m³/day
Water capacity /day

Project Overview:

It is considered one of the most important projects that aim to develop the Sinai Peninsula to leverage its natural resources. The project will contribute to the reclamation of 400,000 acres by recycling and using agricultural, industrial, and sewage wastewater, which will be diverted from the western to the eastern bank under the Suez Canal. Upon treatment, all water will be dispensed in Sheikh Jaber's Canal.

Agricultural and industrial wastewater and sewage are collected from three drains, the largest of which is Bahr El Baqar Drain 106 km, which flows into Manzala Lake. Therefore, this water is considered a source of pollution because of its negative environmental impacts on human health and fisheries.

New Bahr EL Baqar Darin shall be constructed with all control irrigation structures to pass the water through EL SALAM Syphon to reach one of the world's largest water treatment plant .



Our work scope includes the followings:

Construction of Three Waste Water Canal Regulating Penstock stations, their main purpose is to regulate and control the flow of water ingress (5 Million m^3/day) to the giant wastewater treatment plant located East of the Suez Canal. The scope was designed and built (Turnkey), and the challenge was that required double penstocks were advanced and had never been constructed in Egypt before, they could fully close the Drain in 18 minutes rather than 1 hour with the conventional penstocks.

1- A Cross Regulator Penstock station is constructed on the Old Drain at Quantum 27:

The work includes making a diversion to the old drain's path, driving sheet piles to support the sides of excavation for foundation construction, carrying out concrete piles of 80 cm in diameter by rotary drilling with a length of 4,000 m foundations, abutments and wing walls, Deck slab reinforced concrete With a quantity of about 7,500 m^3, the regulator is divided into seven vents 4 m width and equipped with double vertical steel gates They operate automatically and manually with the necessary cranes for maintenance.

2- The Intake Regulator Penstock station was constructed at 17.55 m. The work includes the implementation of concrete piles of 80 cm in diameter by rotary drilling of a length of about 2,800 m abutments and wing walls, Deck slab reinforced concrete with an amount 3500 m^3, and the regulator is divided into four vents 4 m width and is equipped with double vertical steel gates They operate automatically and manually, with the necessary cranes for maintenance.

3- The Cross Regulator Penstock station is constructed with a weir at the New Drain, a quantity of 6,500 m^3. The work includes the implementation of concrete piles with a diameter of 80 cm by rotary drilling of a length of about 4,000 m, abutments and wing walls, Deck slab reinforced concrete with an amount of about 6,200 m^3 and the work of the weirs to reduce the level of the drain bottom from -4.0 m to -7.5 m. the regulator is divided into five vents 4 m width It is equipped with double vertical steel gates They operate automatically and manually, with the necessary cranes for maintenance.

Al-Fayrouz Fish Farms, East of Port Said

Owner: The National Company for Fisheries and Aquaculture.

Project Manager: Armed Forces Engineering Authority.

Consultant: Dr. Fathy Abd Rabbo and Partners Office (FACB).

1,500 Feddans
Total Built up Area

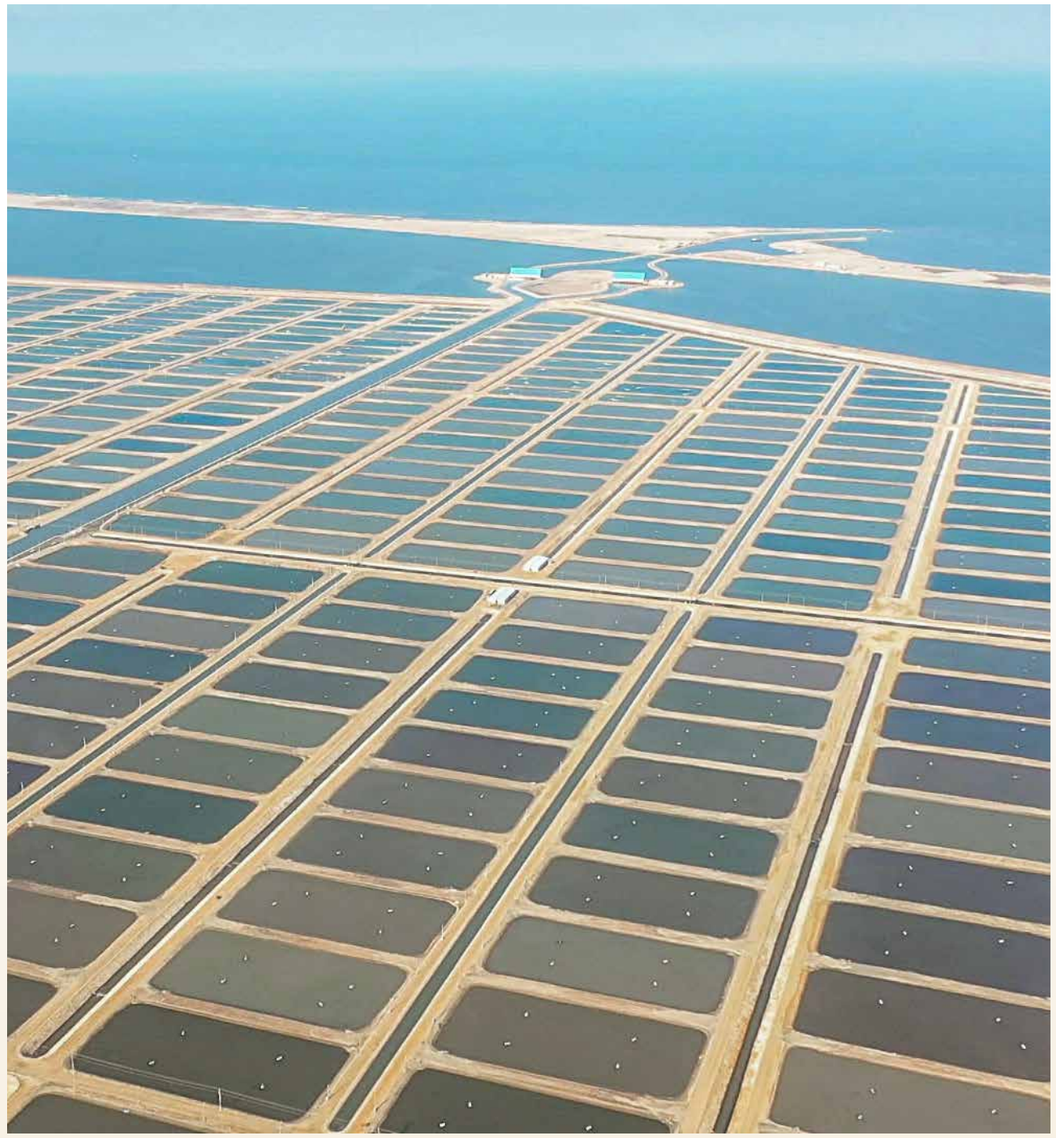
12 months
Project Duration

5,900
No. of Basins

Project Overview:

It is a mega project that aims to increase the per capita share of fish and ultimately export to Arab and European countries.

- It is the largest project of its kind in the Middle East
- It is a huge added value to the development of the Suez Canal and the Sinai Peninsula because it entails industrial and urban settlements there
- It provides 10,000 direct and indirect job opportunities in different fields
- It will eventually lead to self-sufficiency, reducing imports and allowing export to Arab and European markets. This will bring about hard currency in the country
- New technologies in fish farming will be used for the first time in Egypt, such as cage culture, and the level of fish processing will be enhanced to increase the per capita share of fish
- The project is built on 26,000 acres with 17.5 kilometers on the Mediterranean and 10 kilometers in depth east of Port Said.



5 Buildings *Construction*

At EDECS, building construction is taken seriously, bridging the gap between architecture and reality. Our team works seamlessly with architects to bring their designs to life, ensuring that every building project is not only aesthetically pleasing but functional and efficient.

Construction of Tahya Masr Multi-Purpose Terminal,

Alexandria Seaport – Berths 55/62 (Port Buildings)

Owner: Egyptian Group for Multi-purpose Terminal

Consultant: Dar Al-Handasah Engineering Consultants

5,716 m³
Amount of Concrete

11,388 m²
Total Built up Area

24 months
Jun. 2022 - Jun. 2023

10 Buildings
No. of Buildings

Project Overview:

The Tahya Masr Multipurpose Terminal is an upcoming terminal that will play a vital role in transforming the Alexandria Port into a regional and global hub for trade and logistics. With a capacity for over two million tons of goods a year, the terminal is expected to boost the port's annual revenues by $50 milliwon, shorten waiting times for ships docking at the port, create investment opportunities, and establish 4,500 direct and indirect job opportunities. Moreover, the terminal will play a vital role in Egypt's modern transport sector as a key linking chain in the upcoming $4.45 billion high-speed electric rail line, which will link the Red Seaport of Ain Sokhna to the Mediterranean Ports of Alexandria and Marsa Matrouh. The terminal will also supply the upcoming dry port on the 6th of October Industrial City as well as the logistics center associated with the Alexandria Seaport.

Scope of Work:

Construction of many turn key bases building with full finishing and electromechanically items include:

Main administration building of 4 floors and total built up area 1,500 m^2 include concrete structure, Masonry works, waterproofing, wood claddings, doors, windows, Gypsum board and flooring tiles, stone and marble flooring and Signage MEP plumbing include water pipes and valves, firefighting system, HAVC system, Electric panels, Transformer, LV cables, lighting fixtures & switches, Fire alarm system, Public address system, cable trays and Earthing and CCTV system.

3 floors Workshops of a total built up area of 1125 m^2 include full structural works, MEP and finishes Waste station Building, Access Control building, control rooms, Prayer room Fuel station equipped with all electromechanics equipment and fuel tanks Security rooms, waste station and fence.

Landscape works include curbs, planting works, stainless steel handrail, Exterior Lighting, Earthing, Duct bank and manholes, Roads and irrigation system.

High-Speed Rail Station (HSR)

Hadayek October High-Speed Train Station

Owner: Ministry of Transportation & Public Authority for Roads and Bridges

Consultant: Systra Group

27,282 m³
Amount of Concrete

62,557 m²
Total Built up Area

12 months
Project duration

3 Buildings
No. of Buildings

Project Overview:

An integrated system of a high-speed electric railway network linking the whole country with a total length of 1750 km and speed of 250 Km/hr. to transport passengers, tourists, and cargo along Egypt's Eastern, Northern coasts, Luxor and Aswan, the project aims to link the country with neighboring countries as well and will be implemented by Siemens along with Egyptian construction companies.

The Project Comprises Three Main Lines:

- 1st line: Al Sokhna - Matrouh.
- 2nd line: 6th of October - Aswan.
- 3rd line: Qena - Safaga.

Scope of Work:

This station is an intermediate station with 6 tracks and 4 platforms, the work area includes the main station building, the parking lots ,the landscape and service buildings the main building has 3 floors (ground floor, mezzanine floor and first floor), the area of the main building is 6,250 m² including the main gate entrance, the waiting area, the commercial area, Fare Gates, arrival and departure hauls, administration offices, stairs bridges and Escalators.

Our scope includes excavation and soil replacement works, all concrete structure works of a total quantity of 45,000 m³, and Precast reinforced concrete fence, damp and waterproofing works, Masonry works, thermal insulation, aluminum doors, Glazed aluminum curtain walls, steel doors and windows, floor and wall tiling, plaster, stone cladding, paintings, handrails, suspended ceilings, interior signage.

Site works include granular, 2-layer asphalt layers, curb stones, interlocking paving layer and traffic signs, stone flooring, decorative concrete paving and planting works.

Construction of Ahl Misr Walkway (Buildings)

Owner: Ministry Of Housing, Utilities & Urban Communities

Consultant: Moharram Bakhoum (ACE)

5,825 m³
Amount of Concrete

50,000 m²
Total Built up Area

12 months
Project duration

7 Buildings
No. of Buildings

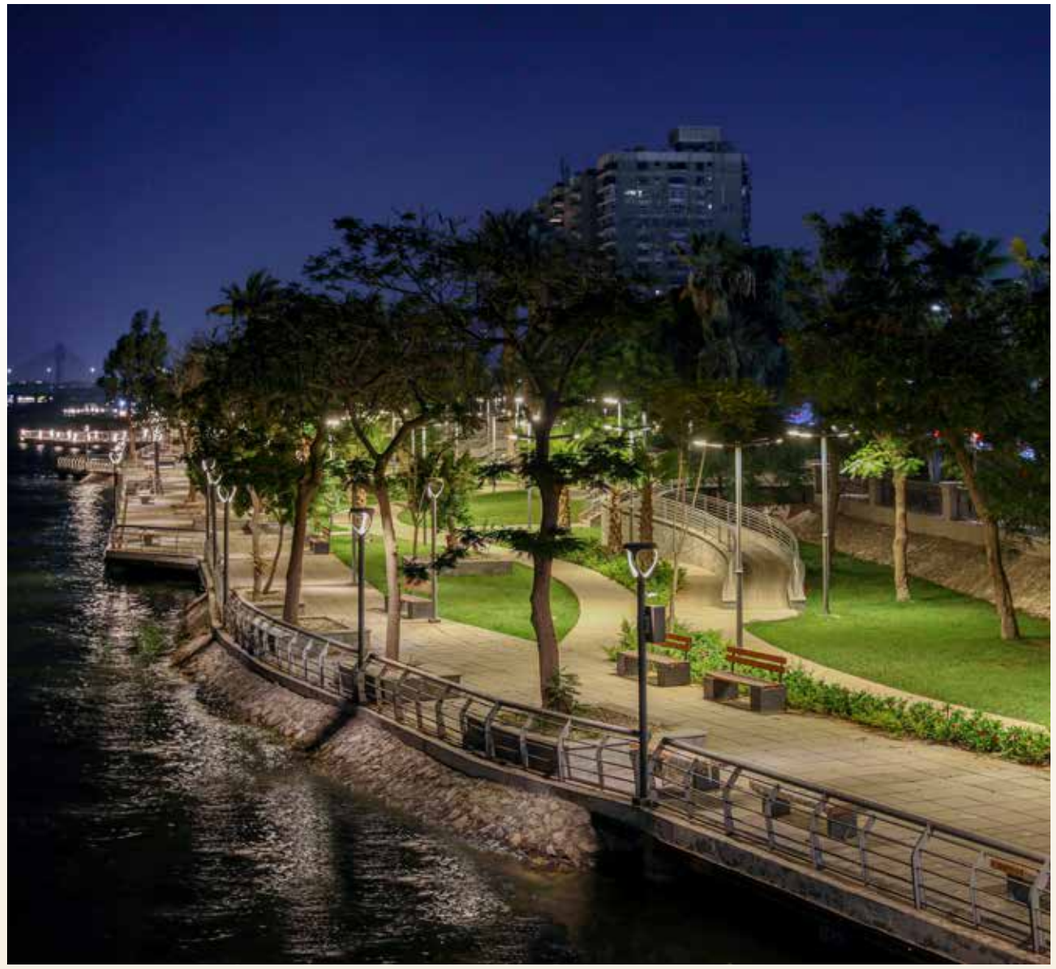
Project Overview:

From the state's efforts to develop Nile destinations, increase leisure activities for citizens and increase tourist attractions to achieve great use of the Nile River to enable citizens to enjoy its beautiful view, the project will also contribute to clearing the riverbed, expanding and refining the waterway of the Nile River. Its absorption of water quantities improves the flow of water and prevents overruns and slums, and civilized upgrading.

Construction of a walkway along the Corniche with a length of 4.7 km, and the average width of the upper walkway is 4.5 m. While the average width of the lower walkway is 6.5 meters, the project includes 19 buildings, including 5 restaurants, 5 Cafeterias, 62 Shops, and 3 garages with a total capacity of 180 cars, as well as 3 terraces with a total length of 315 meters that can accommodate 1240 people, in addition to a theatre with an area of 275 square meters capacity for 772 people and a dockyard for yachts.

Scope of Work:

Construction of the (Ahl Misr Walkway) in phase 2, restaurants, cafeterias, shops, a theatre, and a dockyard for yachts on the Nile. The project is constructed from Imbaba Bridge to the Coast Bridge with a length of 1200 m, including marine piling, dredging, walkway deck slab, buildings, electromechanics networks, hardscape, and landscape works.



Light Rail Transit Station (LRT)

The Military Kayan LRT Station

Owner: Ministry Of Housing, Utilities & Urban Communities

Consultant: Khatib & Alami TPF INGENIERIA

6,200 m³
Amount of Concrete

7,000 m²
Total Built up Area

12 months
Project Duration

2 Buildings
No. of Buildings

Project Overview:

The electric train project "10th of Ramadan – The New Administrative Capital" is one of the most important transit projects in Egypt at the present. The electric train will provide an excellent service to all its users, which offers a new way from the heart of Cairo to the new cities. Thehe project was implemented by the Ministry of Transport and the National Authority for Tunnels, in cooperation with our company "EDECS" and the Chinese CREC- AVIC companies.

The electric train will run parallel to the "Cairo-Ismailia" road, reaching the international medical center, then branching north to the 10th of Ramadan city & south to the New Administrative Capital, and connecting with the Cairo Metro network at Adly Mansour station.

The electric train will contribute to facilitating the movement of citizens, strengthening the transit system, increasing the comprehensive development in these new areas, and boosting trade & investment.

The project includes 12 stations and extends over a length of 70 km.

Its speed will reach 120 km/hr. and will transport 350 thousand passengers per day.

Scope of Work:

We are responsible for the construction of LRT Station No 4 at stage 3 Kayan Station The

Station area is 68,105 m^2 and the

buildings area is 6354.6 m^2. The station features a parking lot of 40,000 m^2, landscape & Hardscape area of 21,751 m^2.

Our scope Consists of:

Excavation and soil replacement works All concrete structure works of total quantity 45,000 m^3 Precast reinforced concrete fence Damp and water proofing works Masonry works Thermal insulation Aluminum doors Glazed aluminum curtain walls Steel doors and windows Floor and wall tiling Plaster Stone cladding Paintings Handrails Suspended ceilings Fire fighting and plumbing works Sanitary works and fixtures Drainage works Power and Lighting works Traffic marking and signs Curbs and barriers Site parking area, including earthworks, aggregate base coarse, two asphalt layer works, site electric network, site fire fighting and plumbing works, interlocking paving works, curb stones and site furniture.

Container Seaport Terminal, East of Port Said

Dewatering, Excavation, Backfilling, Compaction, and Paving Layers

Owner: Suez Canal Container Terminal (SCCT)

Consultants: PACER & Royal Haskoning

60,000 m³
Amount of Concrete

5,000 m²
Total Built up Area

24 months
Project Duration

11 Buildings
No. of Buildings

Project Overview:

The project involves the construction of the terminal yards of 2,400 m of quay wall divided into two stages (1,200 m in each stage) with container terminals of 500 m width and an overall length of 2,400 m. The two stages are split into several contracts and phases of execution.

EDECS completed the project in collaboration with several contracts either as the main contractor or as a subcontractor for ARCHIRODON Constructions Overseas Co. China Harbor Engineering Company Egypt Ltd. (CHEC) and the Petroleum Projects & Technical Consulting Company (PETROJET).

Scope of Work:

In the First Stage:

- With ARCHIRODON Co: We performed excavation & dumping of 450,000 m³, backfilling & compaction of 600,000 m³.

In the second stage:

- With China Harbor Co: We carried out oil backfilling for sea pockets at up to -17 CD water depth, installation of a long silt screen, removal of old protection, installation of underwater sandbags at -17 CD water, and installation of underwater geotextiles and sandbags above to fix geotextiles. We also did dewatering & excavation of 158,000 m³ of soil 6.5 m deep.
- With Petrojet Co: We executed excavation with dewatering & dumping of 1,300,000 m³, backfilling & compaction of 700,000 m³, sub-base paving layer, sand cement concrete paving layer, and heavy-duty interlock laying blocks.
- As a Main Contractor, we constructed the steel shed area and service building of the steel skeleton including reinforced concrete footing and all finishing works, wire mesh fence and infrastructure works including water, drainage, and firefighting utilities, manholes, pump house, communication & electric utilities, and fire alarm system.

Construction of 680m Multi-purpose Terminal

at Damietta Seaport (Buildings)

Owner: Damietta Port Authority (DPA), Egypt

Consultant: Maritime Research & Consultation center (MRCC)

Project Duration: Jul. 2017 - Dec. 2018 (18 months)

Project Overview:

Damietta Port is one of the most developed Egyptian ports by the Egyptian Ministry of Transport due its distinguished location. The port is about 23 nautical miles from the northern entrance of the Suez Canal, which gives it major advantage for all the vessels crossing the Suez Canal. Damietta Port also has huge potential to become the prime Egyptian commercial port.

One of its many benefits is the integrated automated system that serves the national economy. The port is owned by the Egyptian Ministry of Transportation and is managed by the Damietta Port Authority, which has a well-defined strategy that includes increasing the capacity of the port by adding more berthing lengths and deepening the basin into 17 m. This new berth adds 680 m of quay wall for multipurpose berthing and handling with a 17 m depth of berthing.

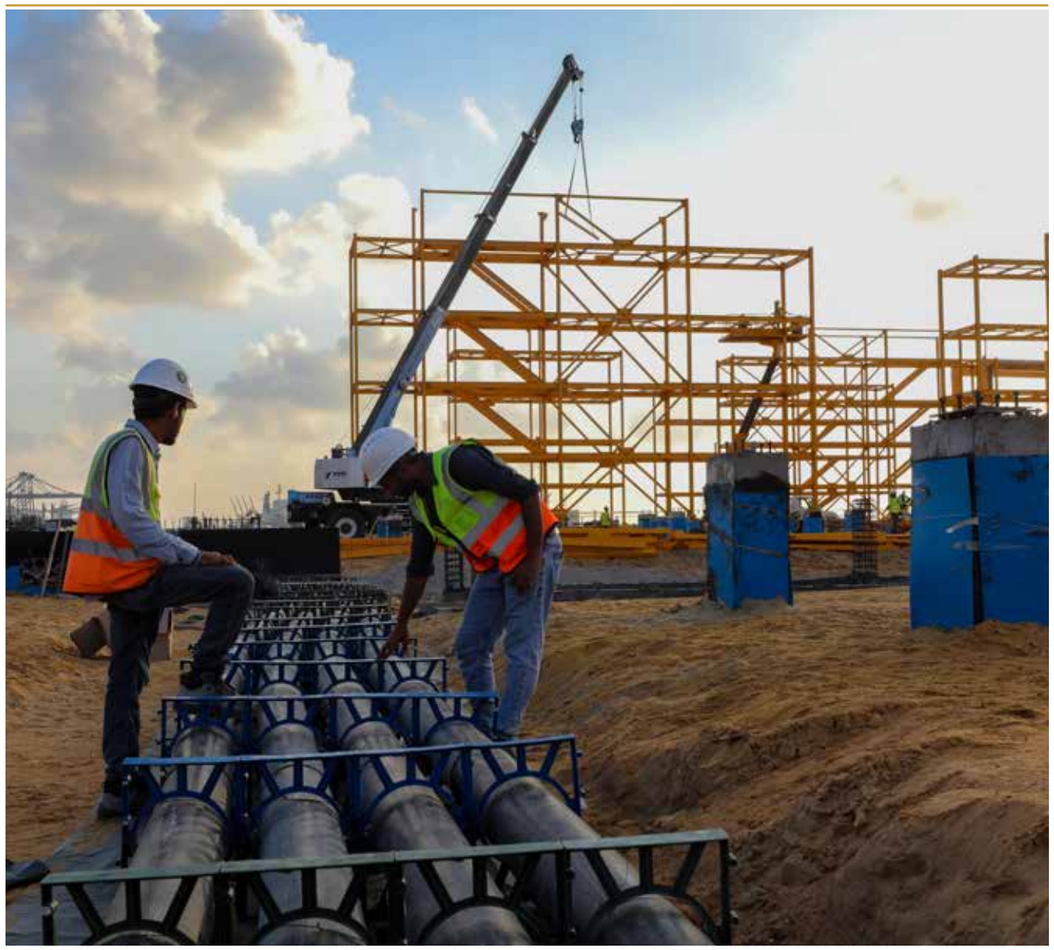
This terminal will help to reduce vessel waiting time outside the port, increase cargo handling volumes, attract more ships with bigger sizes and types, and enhances storage capacity inside the port area.

Scope of Work:

We are responsible for the construction of the electric room, pump rooms, warehouse, and store building on total built area 5,500 m².

6 Infrastructure *Construction*

EDECS is committed to providing innovative infrastructure solutions for a connected world. We focus on sustainability and efficiency in every project we undertake. Our expertise in sustainable design and efficient construction methods enables us to create functional and durable infrastructure that meets the needs of our clients and communities.



Construction of Tahya Masr Multi-Purpose Terminal

Alexandria Seaport – Berths 55/62 (Infrastructure)

Owner: Egyptian Group for Multi-purpose Terminal

Consultant: Dar Al-Handasah Shair and Partners

Project Duration: 9 months

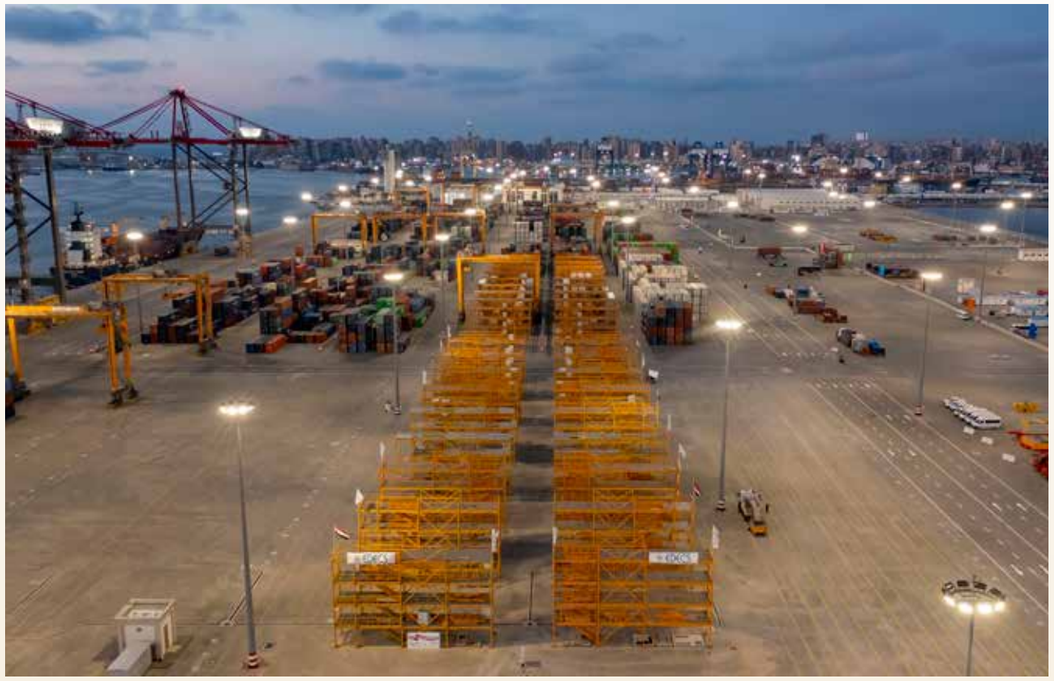
Project Overview:

The Tahya Masr Multipurpose Terminal is a state-of-the-art terminal that will transform the Alexandria Port into a regional and global hub for trade and logistics. With a capacity for over two million tons of goods a year, the terminal will increase the port's annual revenues by $50 million, reduce waiting times for ships docking at the port, create investment opportunities, and establish 4,500 direct and indirect job opportunities. Moreover, the terminal will be a key component of Egypt's modern transport sector as vital link in the upcoming $4.45 billion high-speed electric rail line, which will connect the Red Sea port of Ain Sokhna to the Mediterranean Ports of Alexandria and Marsa Matrouh. The terminal will also supply the upcoming dry port on the 6th of October Industrial City as well as the logistics center associated with the Alexandria Port.

Scope of Work:

We are responsible for the construction of all electric and sewer networks utilities, roads and yards for the marine terminals of total storage area 500,000 m². Our scope includes:

- GC substation, WS substation, emergency generator substation, main MV distributor building, north quay substation, south quay substation, west quay substation.
- Sewer and electric manholes.
- Outdoor generator storage.
- Indoor generator fuel tank.
- Medium and low voltage electric cable networks.
- Main distribution electric panels, high masts and complete earthing system.
- High masts.
- Electric vehicle charging station.
- Communication and security systems.
- SCADA, PLC and BMS systems.
- External firefighting station.
- Water and storm drainage piping networks, valves.
- Main pump room and underground fuel and firefighting tanks.
- Lifting station.
- Water treatment station of capacity 50 m³/day.
- General earth and backfilling works for all the terminal yards.
- Paving layers of cement bound layer and block paving interlock layer.
- Site water utility distribution piping.
- Stormwater drainage network.
- Storm utility drainage piping.
- Domestic water pump room, GLS tank and oil separator.



Jeddah South Container Terminal Works - Stage 3B

Owner: DP World

Consultant: AECOM Arabia Ltd

Project Overview:

Jeddah Islamic Port is the main import destination for Saudi Arabia, handling 59% of its imports by sea and serving its main commercial centers.

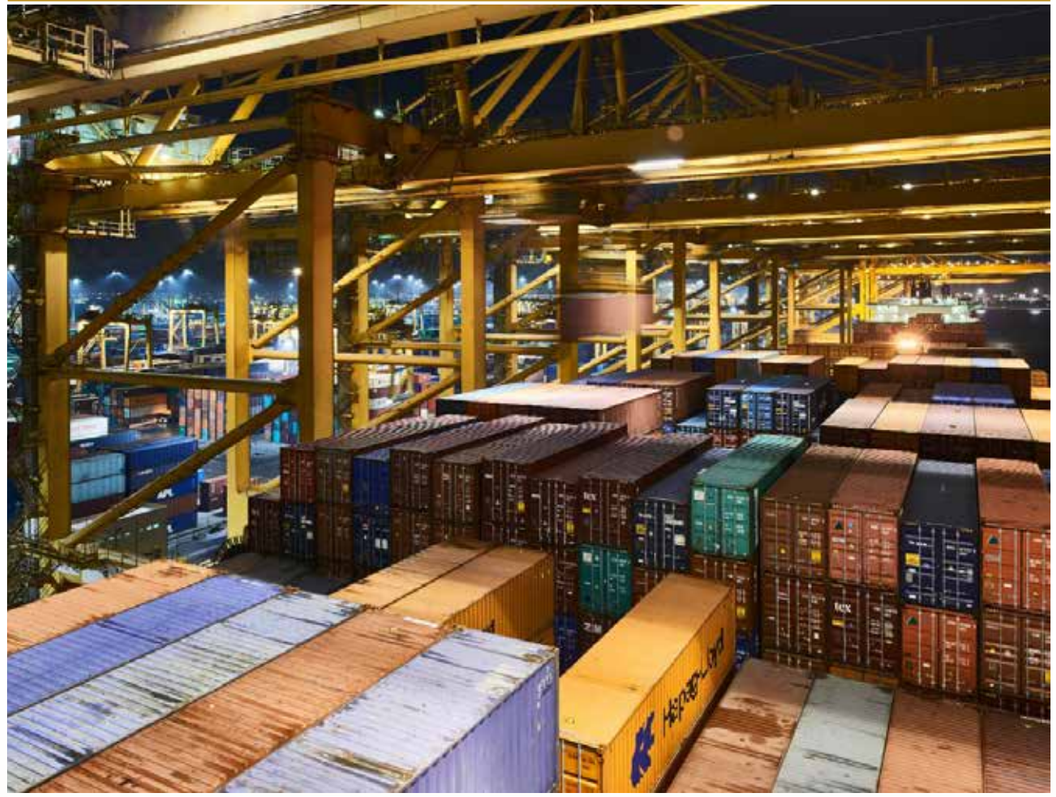
The Terminal works as a crucial link in the world's busy east-west trade routes through the Red Sea and catering to a rich domestic cargo base.

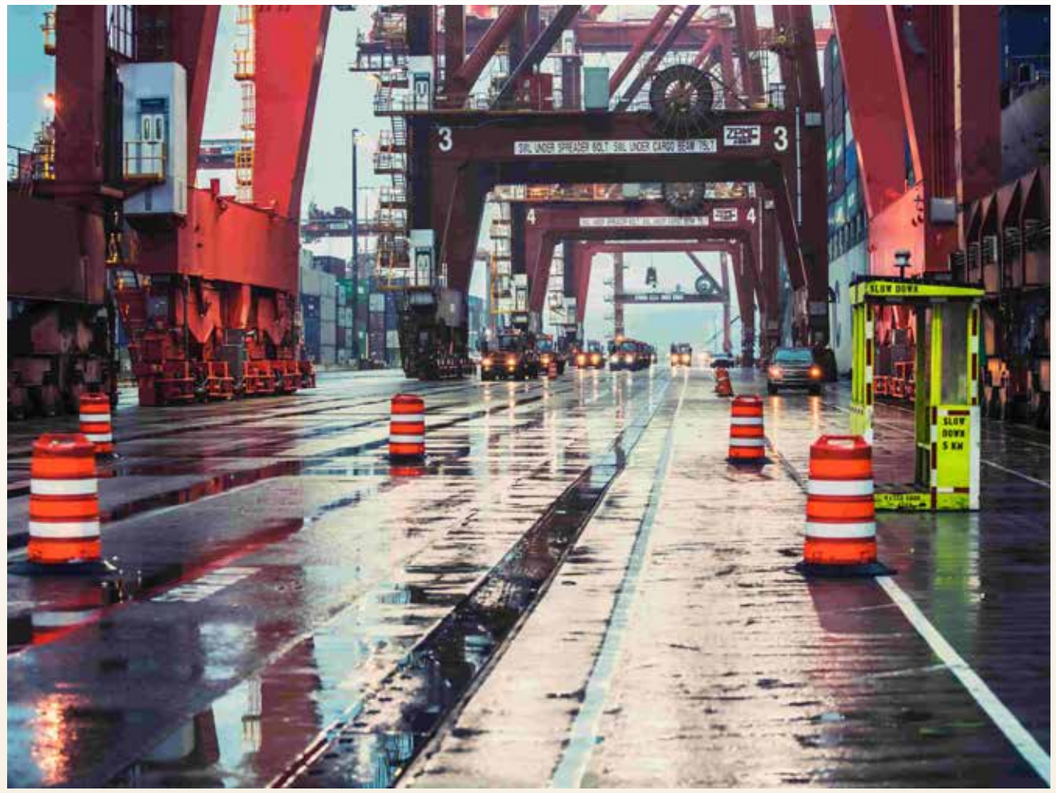
The new overhaul project, which will take place over four phases and is set to be completed by 2024, will see infrastructural upgrades, including the broadening of draft depth and quay, and the installation of advanced equipment and technologies.

When complete, the revamped terminal will double Jeddah Islamic Port's container handling capacity from 2.4mn TEUs to 4mn by 2024 and solidify Jeddah's standing as a major trade and logistics center on the Red Sea coast.

Scope of Work:

EDECS scope of work includes the infrastructure work on a total of 100,000 square meters, including earthwork, paving layers, road marking, electrical networks, sewage networks, firefighting networks, and reefer gantries.





Construction of Ahl Misr Walkway (Infrastructure)

Owner: Ministry of Housing, Utilities & Urban Communities

Consultant: ACE Moharram-Bakhoum

Project Duration: Oct. 2020 - Jul. 2021 (9 months)

Project Overview:

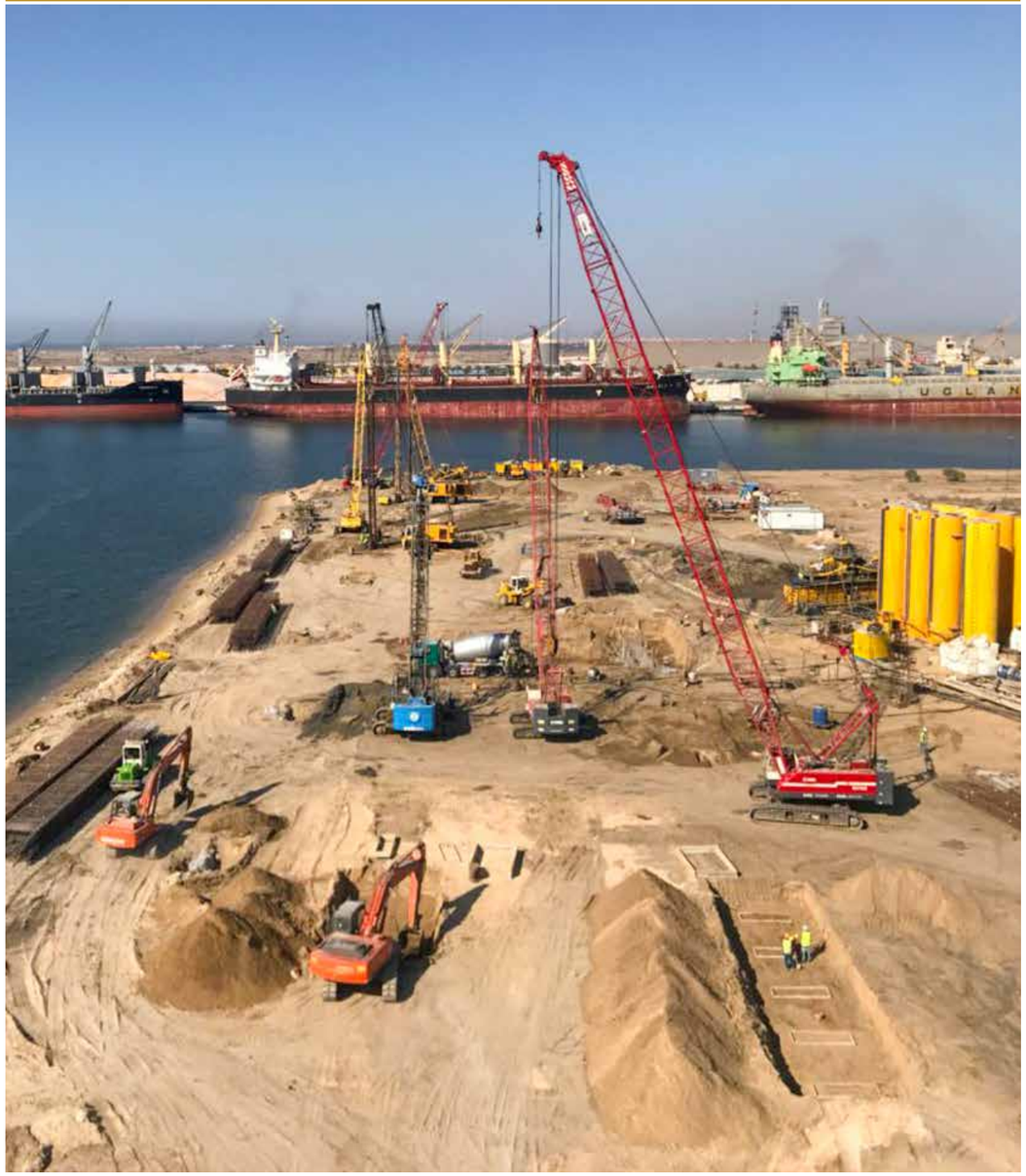
The project is part of the state's efforts to develop Nile destinations, enhance leisure activities for citizens and increase tourist attractions. The project aims to make optimal use of the Nile River and enable citizens to enjoy its scenic view. It will also contribute to clearing the riverbed, expanding and refining the waterway of the Nile River. This will improve the water flow and prevent overruns and slums, as well as achieve urban development.

The project involves the construction of a walkway along the Corniche with a length of 4.7 km, and an average width of 4.5 m for the upper walkway and 6.5 m for the lower walkway. The project includes 19 buildings, comprising 5 restaurants, 5 Cafeterias, 62 Shops, and 3 garages with a total capacity of 180 cars. The project also includes 3 terraces with a total length of 315 meters that can accommodate 1240 people, as well as a theatre with an area of 275 square meters capacity for 772 people and a dockyard for yachts.

Scope of Work:

We are responsible for the Electromechanical works, including water, drainage, firefighting and irrigation piping networks, control valves, sewer manholes, firefighting pump system, electric transformer, electric generator, main distribution panel, low voltage distribution panels, cable network system, and lighting fixtures.

We also perform the site landscape and hardscape works, including stone flooring and cladding, steel fence, stainless steel handrail, colored concrete walkway.



Construction Of 680m Multi-purpose terminal

at Damietta Seaport, Egypt (Infrastructure)

Owner: Damietta Port Authority (DPA), Egypt

Consultant: Maritime Research & Consultation center (MRCC)

Project Duration: Jul. 2017 - Dec. 2018 (18 months)

Project Overview:

Damietta Seaport is one of the most developed Egyptian ports by the Egyptian Ministry of Transport due to its strategic location. The port is about 23 nautical miles from the northern entrance of the Suez Canal, which gives it a major advantage for all the vessels crossing the Suez Canal. Damietta Port also has huge potential to become the prime Egyptian commercial port.

One of its many benefits is the integrated automated system that serves the national economy. The Port is owned by the Egyptian Ministry of Transportation and is managed by the Damietta Port Authority, which has a well-defined strategy that includes increasing the capacity of the port by adding more berthing lengths and deepening the basin into 17 m. This new berth adds 680 m of quay wall for multipurpose berthing and handling with a 17 m depth of berthing.

This terminal will help to reduce vessel waiting time outside the port, increase cargo handling volumes, attract more ships with bigger sizes and types, and enhance storage capacity inside the port area.

Scope of Work:

We are responsible for the construction of the storage terminal yards at the project site, with a storage area of 35,000 m². Our scope includes:

Top paving layer of heavy-duty concrete paving blocks above a crushed stone base course layer.

Underground water utilities (sewer manholes, drainage, water supply pipe lines, full firefighting system with underground pump station, scada system, Medium volt substation, transformer, high masts, electric manholes & LV and MV cables networks, frequency convertor, and all control electric panels), oil underground tanks, utility trench, supplying ships with electricity within OPS technique, and oil and waste reception facility from ships.

7 General Contracting

At EDECS, we have a proven track record of delivering successful and diverse construction projects. From small projects to large-scale initiatives, our team at EDECS has the experience and expertise to execute a wide range of construction visions with excellence.

Methanol Marine Terminal at Damietta Seaport Dredging,

Shore Protection, Marine Fixtures & Installation for Petrochemical Complex

Owner: E-Methanex

Engineer: Tichent

Main Contractor: Petrojet

Project Duration: Oct. 2007 – May 2010. (30 months)

Project Overview:

Methanex in Egypt operates a state-of-the-art methanol production facility located in Damietta, Egypt, on the Mediterranean Sea. The facility is among the most energy-efficient methanol plants in the world, with a production capacity of 1.3 million tons of methanol per year, primarily supplying domestic and European markets.

Scope of Work:

- Dry excavation and installation of a deep well dewatering system to lower the water level to enable further dry excavation. Leveling and slope protection and scour protection at depth -14.5 below sea level.
- Dredging works for the Terminal area up to -14.00 m of total quantity 550,000 m^3 and disposal of the dredged material to the designated off-shore dumping area using floating barges with clamshells and split barges.
- Underwater slope leveling and rock slope protection.
- Installation of the marine fixtures works for the Pulling Heads and the steel footpaths.

Construction of Truck Parking Seaport Terminals,

East of Port Said

Owner: Port Said Port Authority

Consultant: Research Center for Maritime Sector (MRCC)

Project Duration: Oct. 2012 - Jan. 2014 (16 months)

Project Overview:

East Port Said Seaport truck parking provides services that aims to regulate the movement of trucks inside East Port Said Seaport amenities to drivers. The parking lot has a cafeteria, mosque, medical treatment center, shaded parking areas, a supermarket, and a group of transport services offices. The parking lot also provides the service of dismantling and installing refrigerant generators for containers. The East Port Said truck parking lot is constructed on a total land area 170,000 m^2.

Scope of Work:

- All site preparation and parking yards' construction, including excavation with dewatering, backfilling, sub-base layer, and heavy-duty interlock laying block paving layer.
- Curb stone works, colored tiles, road alignment works, guidance, and warning signs.
- Several buildings, including the administration building, workshops, cafeteria, services building, arch parking sheds, transforms building, fence, and security building.
- Sewage, firefighting, and electric networks.
- High masts and lighting poles.

Construction of Al-Adabiya Terminal

for Dry Bulk Dredging, Reclamation, and Rock Protection

Owner: Adabiya Marine Investment Company

Main contractor: Petrojet Co.

Project Duration: May 2015 - Dec 2016 (20 months)

Project Overview:

This project is part of the strategic expansion of Al Adabiya Seaport, a vital port that overlooks the Gulf of Suez. The project aims to construct a state-of-the-art yard that will double the annual capacity of the port to 10 million tons, enhancing its efficiency and competitiveness.

Scope of Work:

We are responsible for the following marine works:

Marine surveying works, including land and sea surveys, to ensure the accuracy and quality of the project design and execution.

Dredging works, to create a suitable depth and width for the terminal and the navigation channel.

Backfilling works, to reclaim land inside the sea with clean imported sand, totaling more than 1 million m^3. Stone protection work, to stabilize and reinforce the slopes of the reclaimed land and prevent erosion.

Navigation Channel at Seaport, East of Port Said

Dredging & Slope Protection

Owner: Port Said Port Authority

Main Contractors: Boskalis, Hyundai, Ballast Nedam, and Jan De Nul

Project Duration: Apr. 1999 - Feb. 2001 (22 months)

Project Overview:

The project is a landmark achievement in the development of a new Seaport at Port Said in Egypt, where the Suez Canal meets the Mediterranean. The project involved the dredging of a navigation channel that can accommodate large vessels and enhance the port's capacity.

The project was executed by a consortium of leading European and Korean dredging contractors, who joined forces to deliver the project on time within the budget.

Scope of Work:

We were subcontracted to provide the design and construction services for the following works:

Earthworks, including excavation, filling, grading, and compaction of the soil.

Construction of the sedimentation basin embankments, to control the water quality and prevent sedimentation in the navigation channel.

Road works, including paving, curbing, drainage, and lighting of the access roads.

Shore protection, including placement of geotextiles, rocks, and pitching works to protect the shoreline from erosion and wave action.

We adopted a Design and Construct contract model, which was one of the first such contracts in the region. This model allowed us to get involved at an early stage of the project and introduce innovative solutions and technology or engineering that met the client's requirements and expectations.

Mall of Egypt Infrastructure

Site Enabling Works & Diversion of Irrigation Pipelines at Mall of Egypt, 6th of October City

Owner: Majid Al Futtaim Properties

Project Duration: Oct. 2010 – Apr. 2012 (20 months)

Project overview:

The project is part of the development of Mall of Egypt, the first shopping destination of its kind in Egypt. The mall is owned and managed by the Majid Al Futtaim Group, the leading pioneer in shopping malls, retail, and leisure across the Middle East and North Africa region. Mall of Egypt is located on Al Wahat Road on the 6th of October. It has Gross Leasable Area (GLA) of 165,000 square meters and 6,500 car parking spaces. Mall of Egypt offers a variety of family leisure services, including Ski Egypt – Africa's first indoor skiing slope, a 21 multi-screen VOX Cinemas, and a Magic Planet family entertainment center.

Scope of Work:

We were contracted to provide the following infrastructure works for the mall:

Site enabling works (Contract No.1), including:

site facilities preparations and excavation in rock and sandy soil and disposal of the excavation material to public dumping sites.

Divert the irrigation pipelines (Contract No.2), including :

excavation for the diverted Irrigation pipeline, installing the pipeline with all the fittings for pipe connections, manholes, valves, connections with the old pipelines, and backfilling.

Sokhna Thermal Power Plant

Dredging & Pipeline Backfiling Works for the Intake

Owner: East Delta for Electric Production Co

Main Contractor: Orascom-Besix JV

Contractor: Consortium of EDECS, Egyptian Dutch dredging co., and Abeko server co.

Project Duration: Aug. 2011– Aug. 2012 (12 months)

Scope of Work:

We were contracted to provide the following dredging and backfilling works for the intake:

Contract No. 1:

Dredging at the intake area and transporting the dredged material to the off-shore dumping area using two self-propelled split barges.

Contract No. 2:

Transporting backfilling materials from the berth using self-propelled split barges and dumping the backfill material above the pipeline trenches using high-accuracy GPS equipment.

Earthworks for West Nile Delta

Natural Gas Station in Motobus D3

Owner: Egyptian Natural Gas Holding Company

Main Contractors: British Petroleum Co. & Petrojet

Project Duration: Apr. 2013 - Nov. 2013. (8 months)

Scope of Work:

We were contracted to provide the supply, installation, and compaction of clean sand for the natural gas station. We carried out the works as per the high health and safety requirements of British Petroleum Co.

East of El Gamil Airport, Port Said

Shore Protection Works

Owner: The General Authority for Shores Protection

Project Duration: Mar. 2011 - Mar. 2013. (24 months)

Scope of Work:

We were contracted to provide the construction of 14 groins along the beach and extending inside the sea with varying lengths. The groins are designed to prevent beach erosion and protect the shoreline.

The works include the following:

- Supply and installation of geotextiles.
- Supply and installation of rocks.
- Supply and installation of concrete dolosse.
- Shoreline sand nourishment of 350,000 m³

Bunkering & Fuel Storage of Marine Terminal at Seaport East of Port Said

Shore protection, Site Preparation & Boundary Wall

Owner: The Mashreq Petroleum Co.

Consultant: PACER consultant office

Project Duration: Oct. 2006 – Mar. 2008. (18 months)

Scope of Work:

We were contracted to provide the following works for the marine terminal, which is designed to store and supply fuel for ships and vessels:

- Excavation and dewatering
- Installing filter layers.
- Installing protection rocks.
- Pouring concrete for the toe block, bracing beams, and cap slab.
- Supply and install a pre-cast concrete fence and security rooms.

Polypropylene Factory in West of Port Said

Site Preparation Works

Owner: The Egyptian Polypropylene Company

Main Contractors: Uhde & Petrojet

Project Duration: Apr. 2007 - Jul. 2007 (3 months)

Scope of Work:

We were contracted to provide the site preparation works for the factory, which included the following:

Site cleaning, Surface soil cut, Supply and compaction of clear sand on layers, Supply and compaction of coarse backfilling material

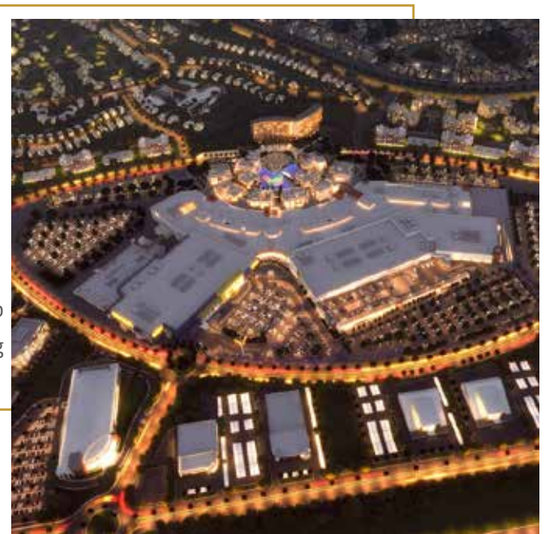
Cairo Festival City Mall

Owner: Al Futtaim Properties

Project Duration: Jun. 2008 to Oct. 2008 (5 months)

Scope of Work:

We were contracted to provide the excavation works, which included: Excavation of 620,000 m³ for an area of 79,000 m² to depths of up to 14 m Shifting the excavated materials to the designated dumping area with a productivity of 12,000 m³ per day.



Ismailia Tunnels Under The Suez Canal

Deep Excavation Works for Two Inspection Shafts

Main contractor: Petrojet Company

Consultant: CDM SMITH

Project Duration: Nov. 2016 – Apr. 2017 (6 months)

Project Overview:

The project consists of two car tunnels under the new and old Suez Canal, connecting the east and west banks of Ismailia.

Scope of Work:

We were contracted to provide:

Excavation and dredging in the presence of underground water for 2 inspection shafts up to a depth of 62 m from the surface of the earth, using a crane with with heavy clamshell and a Toyo dredger pump. Drilling for a quantity of sand, stone, and mud soil until reaching the required depth.

Construction of New Marine Terminal Quay Wall at Damietta Seaport

Owner: Kuwait United Development

Engineers: HPC Hamburg Port Consulting & Sellhorn Ingenieurgesellschaft

Project Managers: DMJM HARRIS & AECOM

Project Duration: Aug. 2007 - Jan. 2009 (18 months)

Project Overview:

The project is part of the extension of the harbor area at Damietta Seaport. The project covers approximately 130 hectares of land at the port and includes the construction of a new U-shaped basin with total new terminals and basin dredging.

The new terminal berths enhanced the port's capacity to accommodate giant container vessels and increase its efficiency and competitiveness.

Scope of Work:

We were contracted to provide the following works:

- Removal of grouted slope protection.
- Re-installing the grouted slope on the new slope- Site leveling, excavation, filling of in-situ sand, and supply and backfilling of crushed stone for a working platform.

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