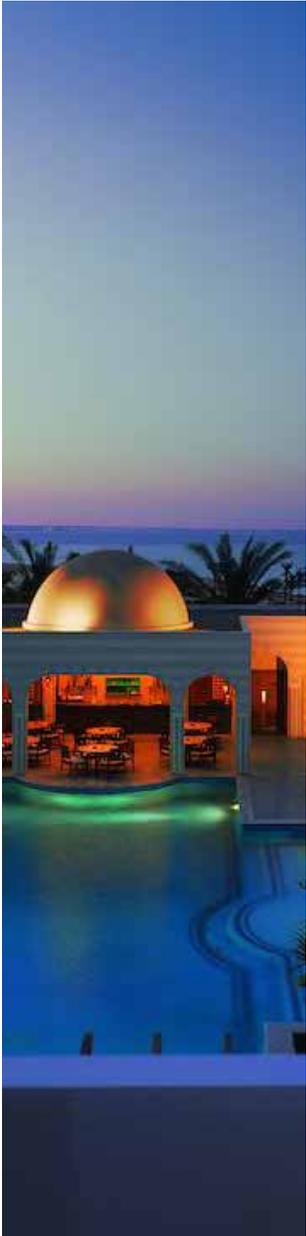




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ENGINEERING CENTER

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المكتب الرئيسي - Head Office

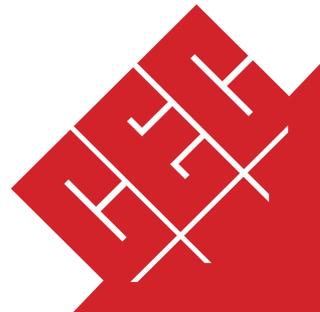
A 5 El-Ahram St., Heliopolis, P.O.Box 11341, Cairo, Egypt

T (+202) 22902469 - 24182279

F (+202) 22907235

E info@ceceg.com

[www.ceceg.com](http://www.ceceg.com)



# COMPANY PROFILE

**CEC** is a multi-discipline consultancy limited liability company with a capital of 1,240,000 (one million, two hundred and forty thousand Egyptian pound), headquartered in Heliopolis, Cairo, Egypt.

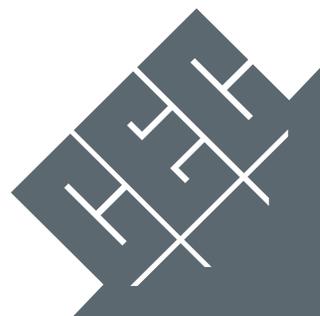
**CEC** delivers architecture, engineering, project management and consulting services for building, infrastructure, and energy sectors. **CEC** has 33 years of excellence in the Egyptian market.

**CEC** is registered in the Egyptian syndicate of engineers as an expertise house. Expertise house is the highest level of registration in Egypt, where just 20 consultancy offices have awarded this registration. It is a very strict assessment for consultancy offices to ensure that these companies have experts in all fields of engineering consultancy besides they have an extensive portfolio in all these fields, i.e. building, infra-structure, and energy.

**a) CEC** is an integrated quality oriented firm according to ISO 9001, ISO 14001:2004 and OHSAS 18001:200 standards.

**b) CEC** the first company to be listed in the green book live for international BREEAM scheme assessments in Egypt. **CEC** is a member in the "US green council" since 2010.

**c) CEC** is the first consultancy office in Egypt to have **ISO 14001** and **OHSAS 18001**, and this reflects its vision regarding the environment and sustainability in all our engineering services. **CEC** is pioneer in Egypt to work in wind energy since 2005.



# COMPANY HISTORY

**1971:** CEC was established by consultant Eng. Mohammad Zaky Attalla to provide architectural and engineering consulting services.

**1985:** CEC was registered in the Egyptian syndicate of engineering to provide multi-discipline consulting engineering services in various fields.

**1991:** CEC has been turned into a limited liability company with different sectors, i.e. architectural, full engineering, environmental, project management and supervision services.

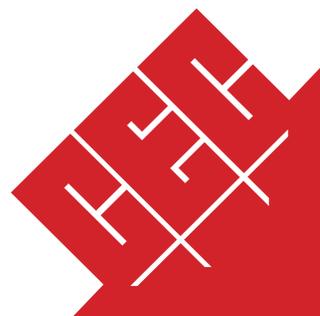
**2003:** CEC was awarded the title “Expertise House of Engineering Consultant” offering multi-disciplinary engineering consultancies with unlimited engineering services for both the national and international sectors.

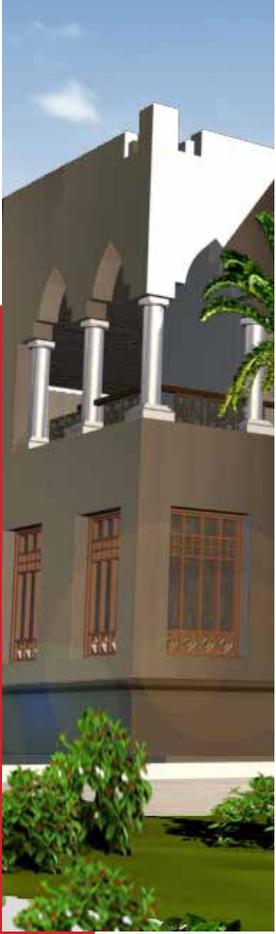
## FIELDS OF ACTIVITIES

CEC Provides a wide range of consultancy services as an expertise house that is not limited to the following: regional analysis and planning, Land use planning, Master planning, Environmental impact, Architecture and engineering, Green architecture, Civil engineering, Infrastructure engineering, multi-modal transport studies, Transportation services including roads, Railways & Airports, Landscape architecture, Interior and graphic design, Bidding/negotiations, Construction supervision, Turnkey consulting, Project management, renewables - solar and wind, Oil and gas, electrical power, Communication and it solutions, Tunnels and bridges, Materials technology, Process, Value Engineering services, design review and third party checking, Health and safety consultation, Building information modeling services for both design and construction including 3D to 5D modelling services and operating management.

## AREA OF ACTIVITIES

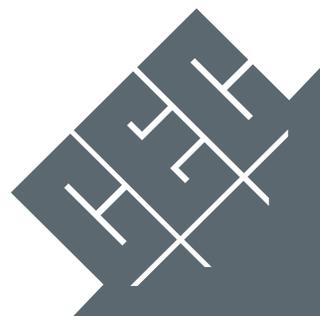
CEC delivers these Previously mentioned services to serve the following kind of projects: Residential, Commercial, Hospitality, Entertainment, Medical, Educational, Public/civic, Religious, Industrial, Infra-structure and energy projects.





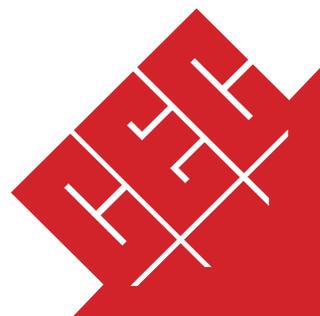
# TABLE OF CONTENTS

- 1- Infrastructure
- 2- Transportation
- 3- Energy





# INFRASTRUCTURE PROJECTS





# AUTOROUTE EST OUEST HAMIZ - LAKHDARIA

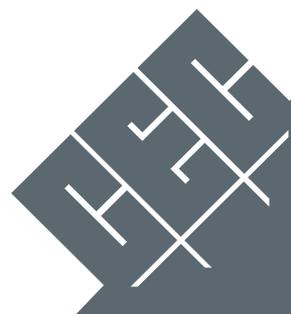
## ALGARIA

### Owner

Agence Nationale des Autoroutes

### Services

- Review of conceptual design
- Topographic surveys
- Geotechnical and hydrological investigations
- Economic evaluation
- Environmental impact assessment
- Final design
- Tender documents
- US\$ 220 million





# AUTOROUTE EST OUEST LAKHDARIAH - BOUIRA

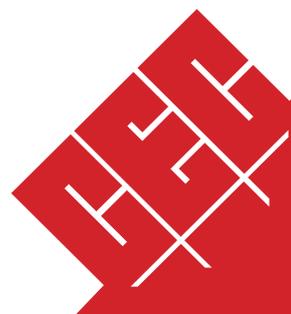
## ALGARIA

### Owner

Agence Nationale des Autoroutes

### Services

- Review of the final design
- Traffic counts
- Additional topographic surveys
- Geotechnical and hydrological investigations
- Final design
- Estimate of project costs
- Economic evaluation
- Environmental impact assessment and proposals for mitigation measures
- Review of tender documents
- Supervision of construction
- US\$ 610 million





## KUWAIT 6TH RING ROAD

### KUWAIT

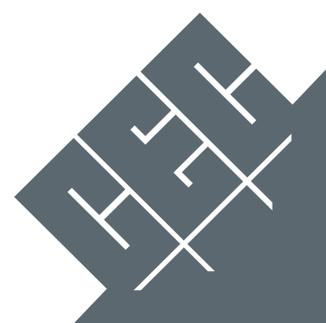
#### Owner

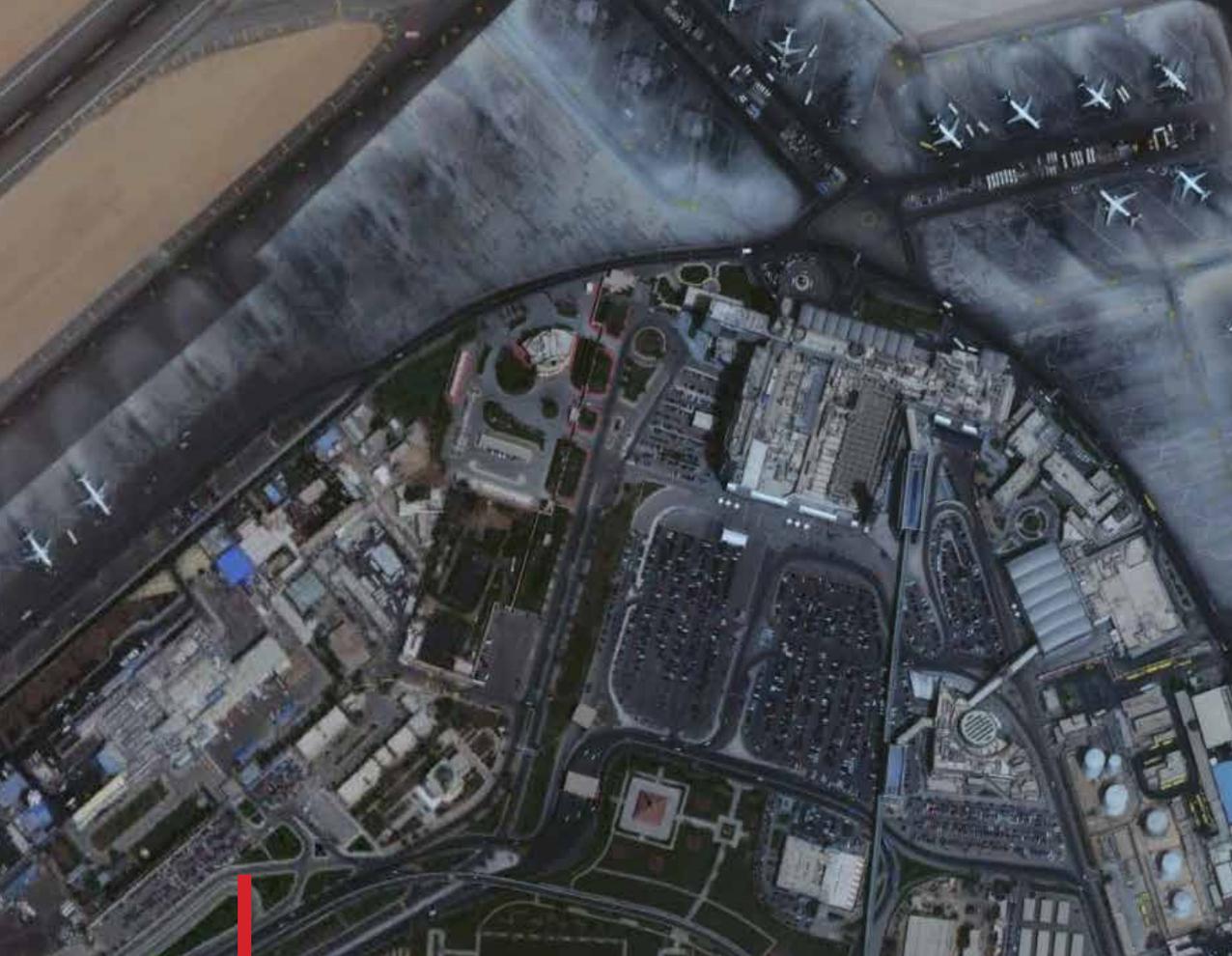
Kuwait Public Works Authority

#### Services

The project includes conceptual to detailed design, and tender documents preparation for the 6th ring road with length of 70km of main line highway with speed of 120KPH including vertical, horizontal design and gore area grading for 8 grade separated intersections with multiple levels in some intersections with more than 10 bridges and 5 underpasses and roads tunnels.

- Full engineering service
- 97 Million KD.





# CAIRO INTERNATIONAL AIRPORT VIP TERMINAL

## EGYPT

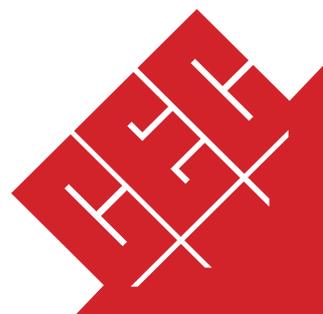
### Owner

Airport Authority

### Services

The project includes conceptual to detailed design, and tender documents preparation for the VIP terminal entrances and exits including design for busses parking, passenger parking areas, kiss-and-ride, connections to terminal one. In addition, the scope includes reshaping of the roads and intersections in the vicinity of the existing airport terminal 1 exit gates to Orouba road.

- Full engineering service
- \$ 400 Million.





## INDUSTRIAL CITY IN 10TH RAMADAN

### EGYPT

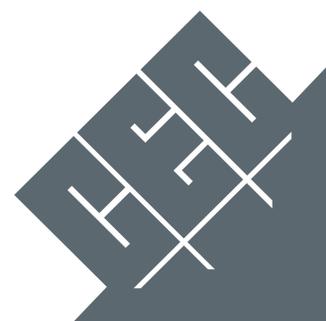
#### Owner

PIP Parks

#### Services

Scope includes conceptual to detailed design, topographic, geotechnical investigations, utilities disposition and tender documents preparation for roads network for 1,100,000 m<sup>2</sup> industrial area for PIP parks developer. In addition, the project includes roads hierarchy determination, on and off street parking areas design for passenger cars and heavy trucks, maneuverability checks for heavy vehicles over the roads network, design of the connection of three entrances and exits from the main highway, design and grading works for more than 30 at-grade intersections and roundabouts.

- Full engineering service
- Project Management
- \$ 280 Million.





## NEW CAIRO COMPOUND

### EGYPT

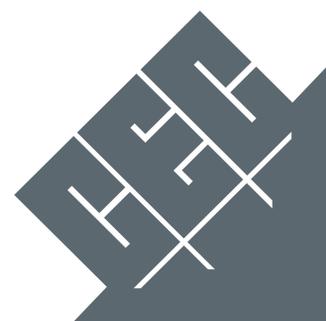
#### Owner

Private Developer

#### Services

The project includes conceptual to detailed design, topographic, geotechnical investigations, utilities disposition and tender documents preparation for roads network for 40,000 m<sup>2</sup> residential area. In addition, the project includes roads hierarchy determination, on and off street parking areas design for passenger cars and heavy trucks, maneuverability checks over the roads network, design of the connection of entrances and exits from the main roads, design and grading works for at grade intersections including the drainage and landscape works.

- Full engineering service
- \$120 Million.





## KING SAUD WOMEN UNIVERSITY

**Kingdom of Saudi Arabia**

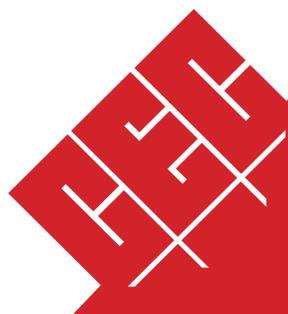
**Owner**

Sausi Guards

**Services**

The scope includes conceptual to detailed design, and tender documents preparation for roads network of the university compass with area of 8,000,000m<sup>2</sup> the package includes roads hierarchy determination and roads design, cross sections definitions, utility dispositions, on and off street parking facilities design, roads furniture, signage, way finding and roads marking and intersection grading for the complete road network with more than 30 at grade intersection. Moreover, we tailored the infrastructure utilities, traffic schemes and devices, and internal road networks to each campuses' needs. We also created a solid waste management plan and a detailed design for the sewage treatment plants; including all environmental, hydraulic, architectural, structural, and electromechanical services.

- Full engineering service
- \$ 400 Million.





# NORTH ROAD PROJECT

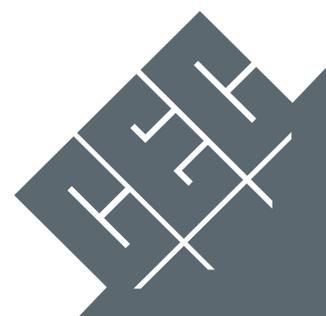
## QATAR

### Owner

Public Works Authority (Ashgal)

### Services

- Traffic counts, axle load surveys and estimation of future travel demand
- Topographic, hydrological and surveys
- Geotechnical investigation, including
- testing of the existing road pavement
- Helicopter survey
- Conceptual, preliminary and detailed design
- Preparation of tender documents
- Estimation of project costs
- Supervision of construction
- US\$ 800 million





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# AUTOROUTE EST OUEST EAST LOT

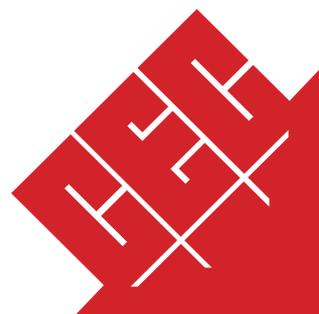
## ALGERIA

### Owner

Groupement COJAAL

### Services

- Review of existing designs
- Preparation of final design drawings
- Construction drawings
- Preparation of bills of quantities
- US\$ 3,500 million





# JAMARAT BRIDGE

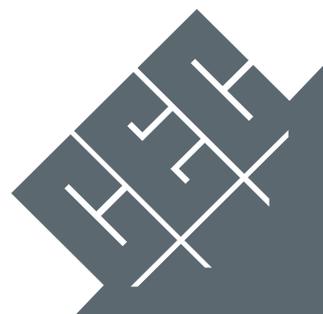
## SAUDI ARABIA

### Owner

Ministry of Municipal and Rural Affairs

### Services

- Study of pilgrims flows
- Detailed design
- Technical assistance during construction
- Supervision of construction
- Construction management
- US\$ 1,120 million





## AMERIAH SEWER STATION

### EGYPT

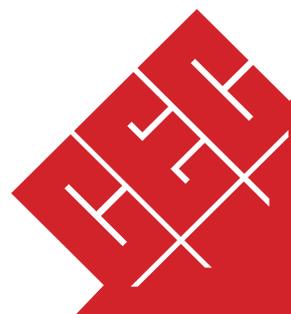
#### Owner

Egyptian holding company for Water and Wastewater Authority

#### Services

The project includes conceptual to detailed design, and tender documents preparation for roads network in the vicinity of the sewer station. In addition, the project includes maneuverability checks for heavy vehicles over the roads network and in the tight entrances and exits to the local roads and at-grade intersection design.

- Full engineering service
- \$ 40 Million.

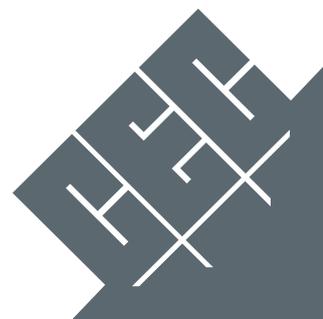


No.	Projects	Owner	Scope of Work / Cost
1	Service station for Agriculture Equipment Mansoura.	Mr. Abdel Hamid Abou Samra	Preliminary drawings
2	Reclamation of 20.000 Feddans. Cairo / Fayoum Road South of October City.	Nauf Co. for Agric. Develop.	- Preliminary Study - Water resources - Preliminary drawings - Infrastructure drawings (Irrigation, Roads, elec....) Sepc. & Tender documents
3	Rainfall Villages. - Abou Daghar - Hager El Dabia - El Ababda & El Shakhaira.	General Organization for Water and Sewage.	- Geotechnical & Surveying studies. - Full engineering services for the water & Sewage Network and Treatment with oxidation bond.  - Sepcs. & Tender documents
4	1 St. Industrial Region Kena Government.	General Organization for water and sewage	- Geotechnical & Surveying studies. -Water & Sewage Networks - Sewage Treatment Plant.
5	Dammat Village in El Gharbia Governorate.	General Organization for Water and Sewage	- Geotechnical & Surveying studies. Sewage Networks and Pumping Stations.
6	Madamoud Village Luxor.	General Organization for Water and Sewage	- Geotechnical & Surveying studies. -Water Network & Elevated tank 300m2
7	Ground Water Tank 3000 m3 El Fayoum.	El Nasr for Civil Works.	- Preparing Arch. & Struc. Drawings.
8	EL Moltaka El Araby.	Almaza R.E.D. Co.	Pump station & raising Main & sewage system, Stabilizing Soil Report.
9	Improving Nasr city sewers network stage (2)	General organization for sanitary drainage of Great Cairo (ElNasr for Civil works).	- Geotechnical & Surveying studies. Execution & Details drawing for sewers manholes, intersection (Roads & Metro)
10	Sewage network – Dakalt Village- Kafr El Sheikh.	General organization for water and sewage.	Preparing working drawings for sewage network, pumping station, Bill of quantities.  Architectural and structural work for the stations.
11	Elmanzala Swage Network – Tokh – EL- Kalubaya.	Sewage and Water management Arab Contractor.	Check Drawings Preparing Shop drawings Preparing As Built Drawings.
12	Tawi – Oman Sewerage Network and Treatment.	Sultanate of Oman Ministry of Regional Municipalities Environment & Water.	-Design Networks and Treatment plant.
13	Hima – Oman Sewerage Network and Treatment.	Sultanate of Oman Ministry of Regional Municipalities Environment & Water.	-Design Networks and Treatment plant





# TRANSPORTATION PROJECTS





# HARAMAIN HIGH SPEED RAIL (HHSR)

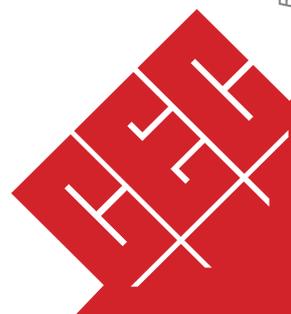
## SAUDI ARABIA

### Owner

Saudi Railways Organization

### Services

- Traffic surveys
- Traffic forecasting
- Ridership forecasts
- Train performance modelling
- Definition of railway systems
- Geotechnical studies
- Railway concept design
- Environmental Impact Mitigation • Tender documents
- Design review
- Project management
- Construction supervision
- US\$ 10,000 million





# MAKKAH-MADINAH HIGH SPEED RAIL | CORRIDOR SELECTION

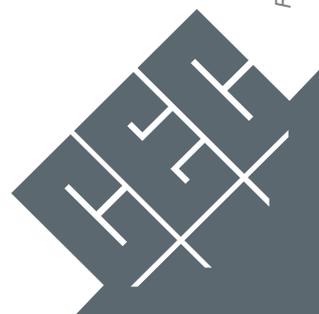
## SAUDI ARABIA

### Owner

Saudi Railways Organization

### Services

- Route reconnaissance
- Examination of alternative alignments
- Multi-criteria evaluation of alternatives
- Generation of project cost
- Identification of preferred alignment.
- US\$ 1,000 million





## BENI SWAIF ASSUIT RAILWAY LINE

### EGYPT

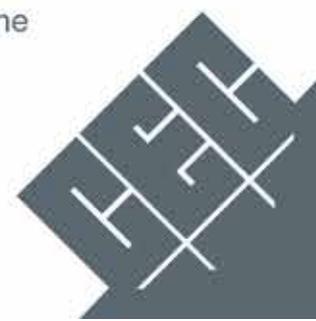
#### Owner

Egyptian National Railways (ENR)

#### Services

The project is a design and built contract for the modernization of 250km of railway line to convert the line from manual to automated signaling including the design and construction of the supporting buildings and associated systems including MEP, signaling system. My duties is to manage the team to control the sub-consultant and monitor the subcontractor to ensure the interfaces and on time delivery.

- Full engineering service
- €100 Million.





## MAKKAH METRO CONTRACT 3 SYSTEM & MEP WORKS

### SAUDI ARABIA

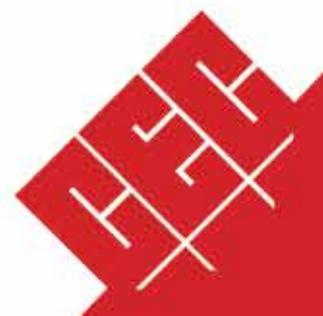
#### Owner

MAKKAH Rail

#### Services

A proposal for a design built contract which includes system and MEP for rail network mentioned below. With major participation to BIM management and implementation, BIM supplier RFQ preparation and selection. In addition to major participation to civil works interface to manage the check for the equipment delivery and system room's size and layout for KAAR stations (Mosque and Haramin stations).

- Full engineering service
- \$ 390 Million.





## DOHA GREEN LINE METRO ELEVATED AND AT-GRADE SECTION

### QATAR

#### Owner

Qatar Rail

#### Services

Managing stakeholders for 2.7Km of elevated bridges, One station building with pedestrian bridge and 200m tunnel.

- Full engineering service
- Project Management
- \$ 240 Million.





## DUBAI METRO ROUTE 2020 RAIL PROJECT

**DUBAI**

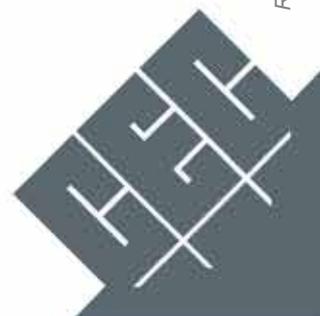
**Owner**

DUBAI RAIL

**Services**

The project comprises the design, construction, commissioning, system maintenance and assistance in operation of the route 2020 metro rail project.

- Full engineering service
- Project Management
- \$ 2,800 Million.





# RAILWAY NETWORK DESIGN & EIA

## JORDAN

### Owner

Ministry of Transport

### Services

- Geotechnical investigations
- Topographic surveys
- Preliminary design
- Environmental impact assessment
- US\$ 3,800 million





# JAMARAT BRIDGE COVER

## SAUDI ARABIA

### Owner

Ministry of Municipal and Rural Affairs

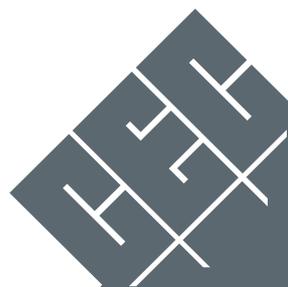
### Services

- Setting the concept
- Checking and review of design
- Supervision of Construction
- Construction Management
- US\$ 2,500 million





# ENERGY PROJECTS





# ZAFARANA WIND POWER PLANT PROJECT - 120 MW

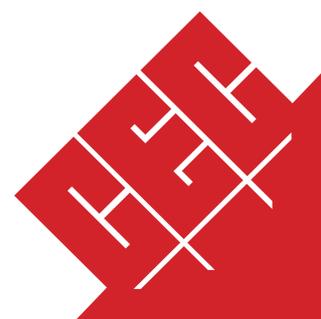
**Zafarana , Egypt**

**Owner**

Kinden Cooperation Company

**Services**

- Design of civil works- site supervision
- Bill of quantities
- 15 Million USD





# **GULF OF EL-ZAYT WIND FARM 200 MW TENDER PROJECT**

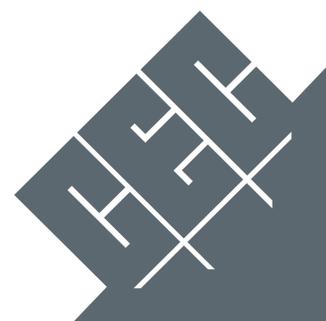
**Gulf El Zayat, Egypt**

**Owner**

Sgurr Energy

**Services**

- Design review
- 30 Million USD





# DERNAH WIND FARM PROJECT, LIBYA

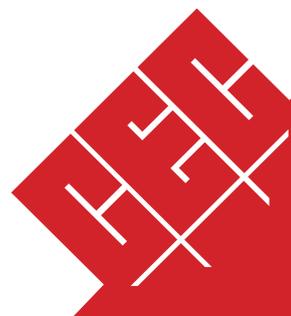
**Derna, Libya**

**Owner**

El-Sewedy For Wind Energy Generation Company

**Services**

- Design of civil works & roads
- 5 Million USD





# HOUSE OF EXPERTS

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T +2 02 22902469 - 24182279 F+2 02 22907235 [www.ceceg.com](http://www.ceceg.com)