# DIAMOND

## Engineering Consultancy

## FIRM PROFILE BRIEF

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# INTRODUCTION

01




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## DIAMOND ENGINEERING CONSULTANCY

- DEC is a KSA Based Multi-Discipline Consultancy Firm that was established on the shoulder of two International Consultancy Giants in the Middle East.

INTERNATIONAL CONSULTING ENGINEERS
PROF. OSAMA OKAIL & PROF. HUSSEIN OKAIL

- DEC is the Sister Firm for International Consulting Engineers (ICE) & A&A Consultants in Egypt, with more than 40 years of global large scale engineering experience.

A&A CONSULTANTS

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INTERNATIONAL CONSULTING ENGINEERS
PROF. OSAMA OKAIL & PROF. HUSSEIN OKAIL

-ICE is a ICE is a renowned civil engineering consulting firm based in Egypt with more than 30 years of Domestic and International experience. ICE headquarters located in Nasr City provides world class consulting services from conceptual design, planning and appraisal studies to project design, construction management, quality control.

-ICE is has successfully completed more than 2000 projects. ICE \ experience spans over 4 continents in various work environments. ICE has conducted and completed projects in Egypt, Tanzania, Ghana, Kingdom of Saudi Arabia, United Arab Emirates, United States of America, Canada and Colombia.

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A&A CONSULTANTS

A&A is an Egyptian Consulting Company offering a wide range of technical services. It was founded in 1997, by a group of highly qualified consultants and technical engineers, whose expertise in engineering projects covers geotechnical and structural design and supervision.

The services rendered by the company cover the full range of professional Engineering services. These include project feasibility studies, design and detailed engineering of projects, construction management, supervision services and quality control.

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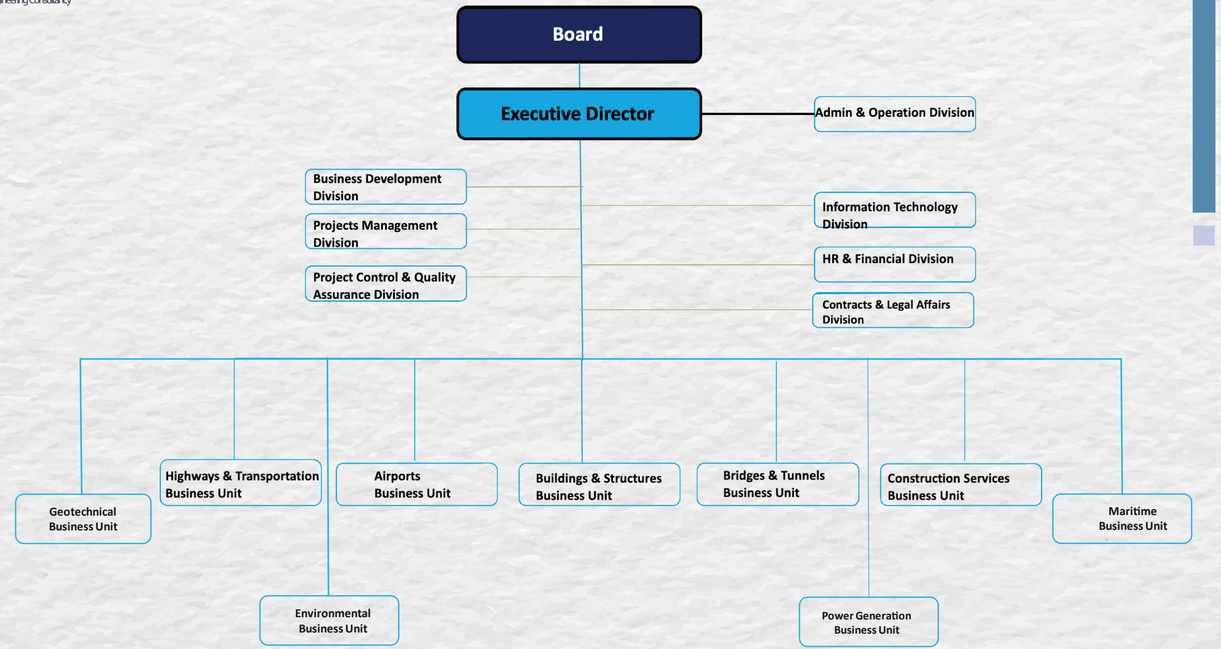
# FIRM ORGANIZATION

02




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## ORGANIZATION CHART



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# CONSULTANCY SERVICES

03




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## SERVICES DETAILS

-Structural engineering Based

-Bridges and Tunnels Engineering

-Transportation Planning and Studies

-Traffic and Transportation Engineering

-Traffic Impact Studies

-Highway Engineering

-Airport Engineering

-Geotechnical Engineering

-Project Management

-Construction Supervision and Quality Control

-Geotechnical Investigation

-Geological Studies

-Geosynthetics Design

-Value Engineering

-Soil Structure Interactions Studies

-Design of Temporary Works

-Third Party Reviewer

-Assets Dilapidation

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# GLOBAL EXPERIENCE & FEATURED PROJECTS

04




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## WORLD MAP WITH PROJECTS



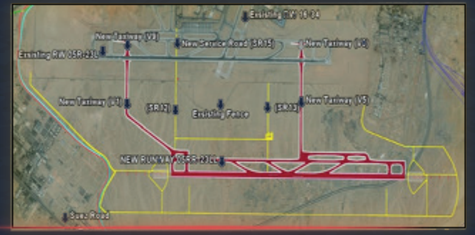
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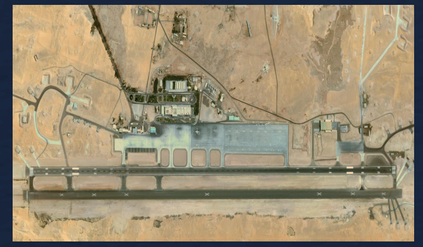


CAIRO INTERNATIONAL AIRPORT




Airports
01

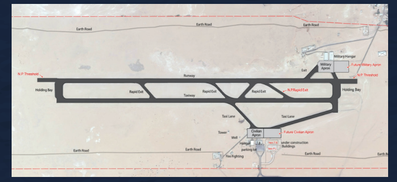
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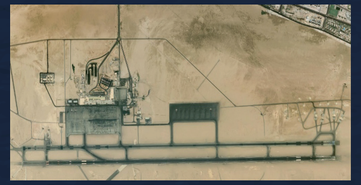
ASWAN AIRPORT REHABILITATION



LUXOR AIRPOT REHABILITATION



AL KOFRAH ALRPORT DESIGN IN ASSOCIATION WITH E.C.G, LYBIA

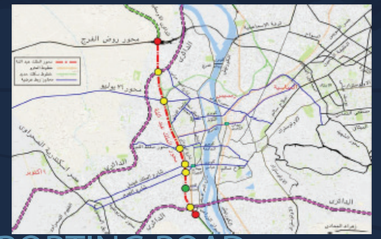


HURGADA AIRPORT EXTENSION REHABILITATION

Airports
01

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CAIRO RING ROAD SUPPORTING ROAD



REGIONAL RING ROAD



ZOMOR CORRIDOR




30th JUNE CORRIDOR

## Highways
02

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ZOMOR CORRIDOR CABLE STAYED ARCH BRIDGE

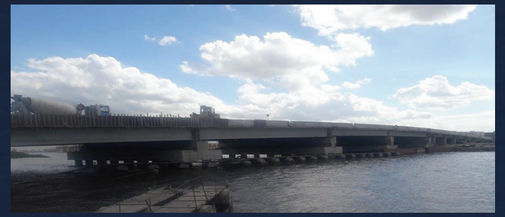




INTERNATIONAL COASTAL ROAD ROUNDABOUT BRIDGE

## Bridges
03

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CONNECTION CANAL BRIDGE – PORTSAID



AWSATY RING ROAD BRIDGES



MOSTAKBAL CITY BRIDGE OVER AWSATY RING ROAD



MOSTOROD BRIDGE



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30TH JUNE HIGHWAY BRIDGES

Bridges
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## REGIONAL RING ROAD – Sector 3

Bridges
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## AWSATY RING ROAD / AUTOSTRADE TUNNEL



## CAIRO UNIVERSITY 750M TUNNEL

Bridges
03

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TUNNELS UNDER SUEZ CANAL
PORT SAID - EGYPT



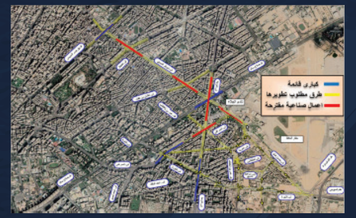
DUBAI INTN TRUCK & SERVICE TUNNEL
(DIFC) DUBAI - UAE



CAIRO MONORAIL

## Tunnels
04

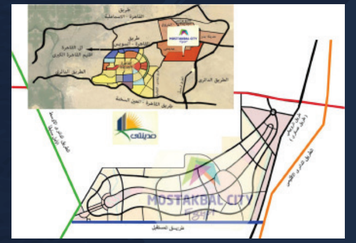
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HELIOPOLIS CITY



NASR CITY



MOSTAKBAL CITY



NEW CAIRO



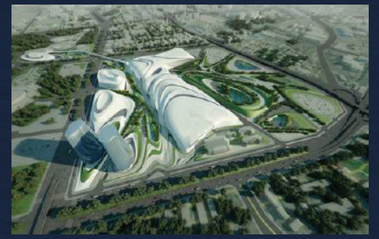
NASR CITY

## Urban planning & Traffic studies
05

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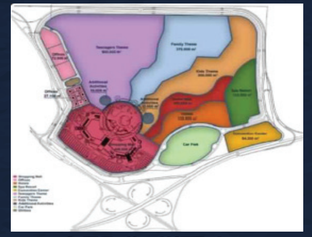
NATIONAL CANCER INSTITUDE CITY



CAIRO EXPO CITY



UPTOWN CAIRO



AERO CITY



NASR GARDENS CITY

Urban planning & Traffic studies

05

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CAIRO NORTH POWER PLANT



EL-Tebbin Power Plant



BENI SUEF POWER PLANT



TERGA Power Plant

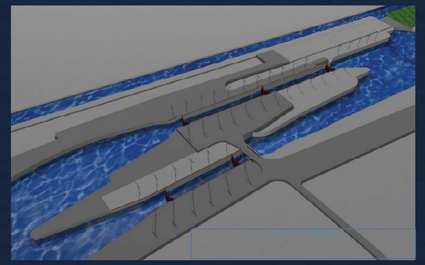
Power Generation

06

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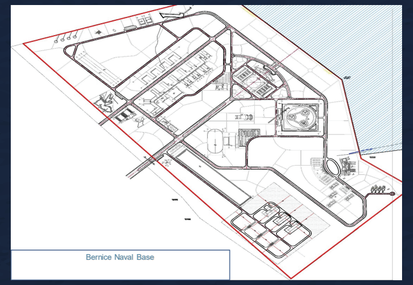
NEW TERMINALAT DAMIETTA PORT



LOCKK100 – NUBARIA



FIRST-SECTION DWALL IN EGYPT




ESNA LOCK

BERNICE NAVAL BASE

## Maritime

07

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MAIN SEWERAGE WATER
TRANSMISSION LINE
BURAIDAH CITY – QASSIM K.S.A.



ALHARTHA WATER TREATMENT
PLANT
BASRAHA - IRAQ

## Infrastructure

08

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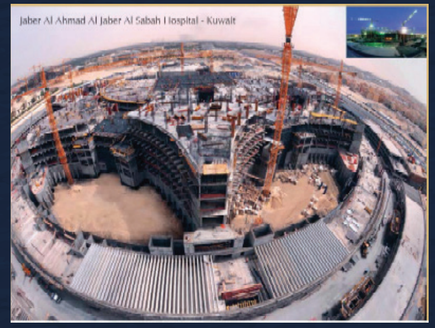
EL-HAMMAN "NEW DELTA"
AGRICULTURE
WATERTREATMENT PLANT



TOSHKA AGRICULTURE
PROJECT

Environmental
09

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JABER AL-AHMED ALJABER
ALSABAH HOSPITAL
KUWAIT



SALVATION OF KARNAK AND
LUXOR TEMPLE – LUXOR CITY
USAID GRANT NO. 174-263

Specialized Projects and landmarks
10

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ASHGAR H EIGHTS - 6th of October City, Egypt



HIGH COUNSIL SUPREM E COURT COM PLEX

Residentia l



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BADR ELDI N E RESI DENTIAL AN D COM M ERCIAL COM PLEX

Residentia l

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INTERNATIONAL SCHOOL – SORAT AL-KARZ
COMPOUND – NEW CAIRO



INTERNATIONAL SCHOOL – dORAT aL-kaRZ
cOMPOUND – nEW cAIRO



MILITARY ACADEMY – CONFERENCE CENTER



NATIONAL CENTER FOR PEDIATRIC AND ADOLESCENT
PHYCIATRIC MEDICINE

## Healthcare & education



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## Resorts & Compounds

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NILE SUGAR
COMPANY

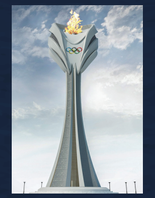


RED SEA SUGAR REFINERY
PROJECT
ELSOKHNA PORT, SUEZ – EGYPT

## Industrial



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OLYMPIC TORCH –
MISR OLYMPIC CITY



KATAMEYA DOWNTOWN
MULTI-STORY PARKING STRUCTURE



INIZIO ADMIN
BUILDING – NEW CAPITAL



PX MALL – NEW CAPITAL



NEW CITY HALL SHARM EL SHEIKH

## Admin & Retail

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## THE ARK

Admin & Retail

15

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## DAHAB STEIN BURG TOURIST VILLAGE

Development

15



## NEW GIZA