

2024

INFRA. PRESENTATION

DISTANCE INFRA
Infrastructure Field

A Subsidiary Company From

DSC distance studio consultants

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01
Introduction

Who We Are

Since **2000** in the MARKET

More than **350** Professionals

5 Branches

Delivered more Than **750** Projects

Served more Than **12** Countries

ISO Certified

Our Milestones

2016 — **Inauguration of Oman Branch**

2015 — **Inauguration of Abu Dhabi Branch**

2013 — **Inauguration of KSA Branch**

2004 — **Inauguration of Qatar Branch**

2000 — **DSC Multidisciplinary Cairo Branch**

Establishment Design Studio Consultants

Purpose

The purpose for our existence is to express and demonstrate our sincere and whole hearted commitment towards the society and the nation by executing sustainable infratructure projects

Mission

Distance Infra Offers the best service and value for the cost and acquires new clients by our innovative work and offers. A Team of professional and highly-skilled engineers with vast experience in infrastructure prepare the design/ workshop drawing documents including reports, drawings, calculates for scope of works stated. our work will be provided according to international standards executed on BIM 360 with LOD 350-400

Vision

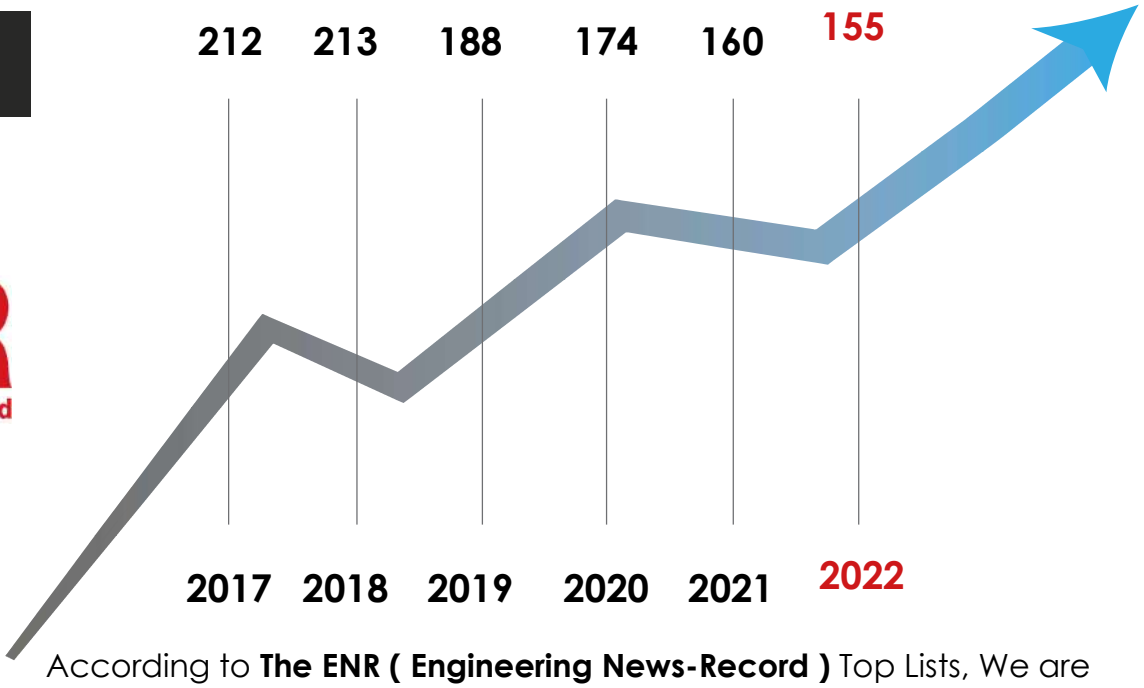
Distance Infra works to ensure beauty, efficient, comfort environments and life style of the future. It Builds a reputation and solidify our position in the construction field and expands our business by offering design and workshop drawings services

Values

- Quality, Reliability & Safety – We make sure that our infrastructure projects are of the supreme quality, highly reliable and safe for users.
- Morality & Ethics – Our conduct and actions will at all times be moral and ethical. We would never resort to any action or work or involve in such an acts, which are illegal, immoral and/or unethical.
- Ownership & Stability – Each one of us at IRB is committed to function with high responsibility, like a stakeholder, so as to ensure growth, stability and sense of security for the organization.
- Trust & Integrity – Our rich domain expertize and high project execution skills; cost effectiveness and profitability; fair and transparent business practices constitute the bedrock of our policy for creating high level of trust and integrity about us among the stakeholders.
- Openness and Transparency for Organizational Growth – We promote work environment that gives equal opportunity to each and every employee to develop and grow within the organization. We embrace and encourage the culture of openness to dialogue, free-fair-frank-firm- and fearless expression of views and opinions for creating a robust and adapted organization for meeting challenges in the fast changing business environment.

Awards

ENR
Engineering News-Record



According to **The ENR (Engineering News-Record)** Top Lists, We are ranked as 155 from the top 225 international design firms in 2022

Awards

ENR
Engineering News-Record

15

We are ranked as one of the top 15 international design firms in mixed-use buildings sector in 2021 according to **ENR**

Awards

06

From Top 6 counsultants of the year in 2019 according to the **Meed**

01

Architecture firm of the year in year 2018 according to the **Meed**

Distance Infra Design, Supervision and Management Services

Wet Utilities



Dry Utilities



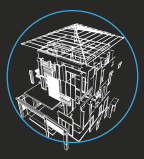
Plants



Architecture



Structure



MEP



Roads



Sustainability

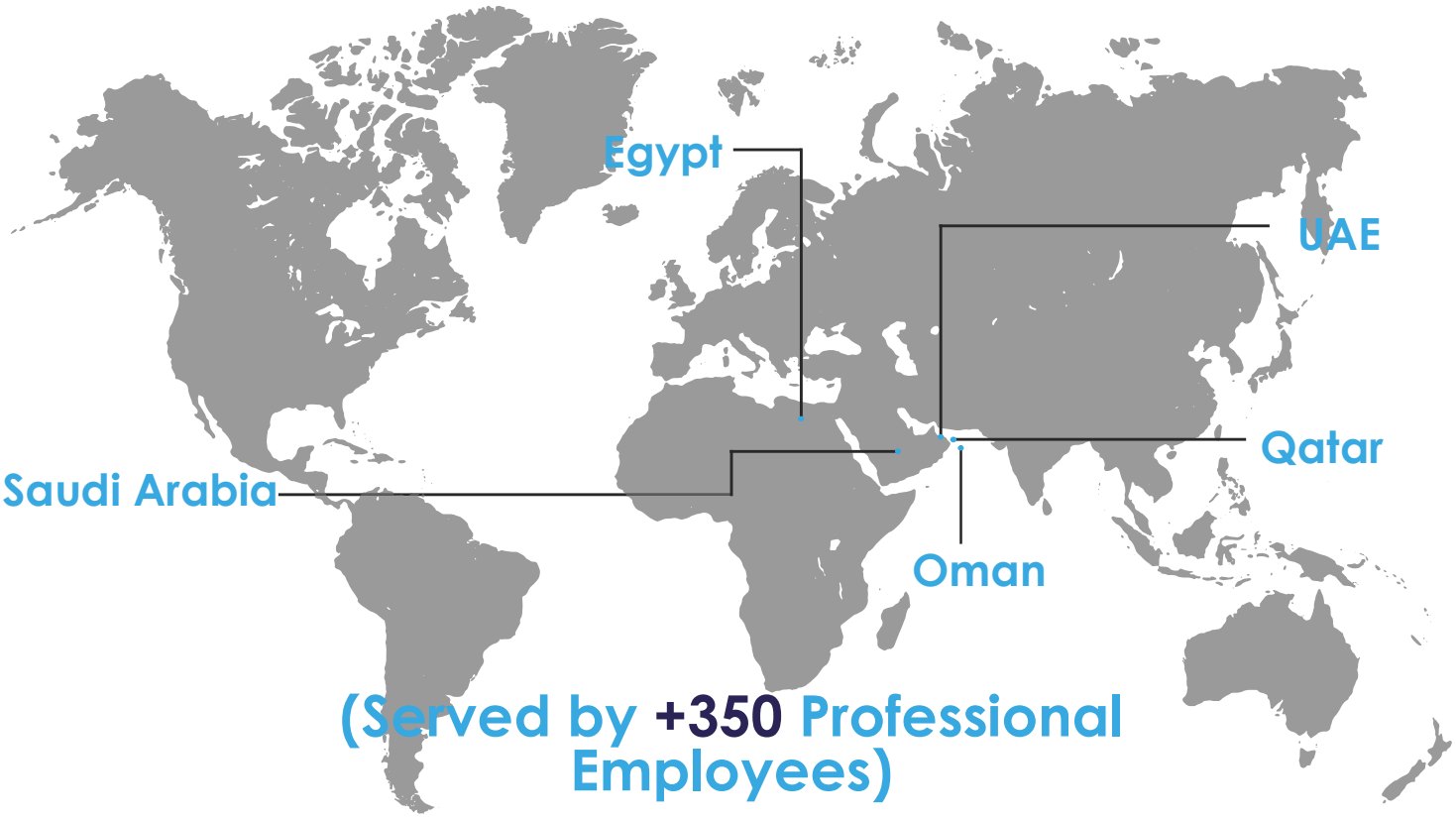


BIM

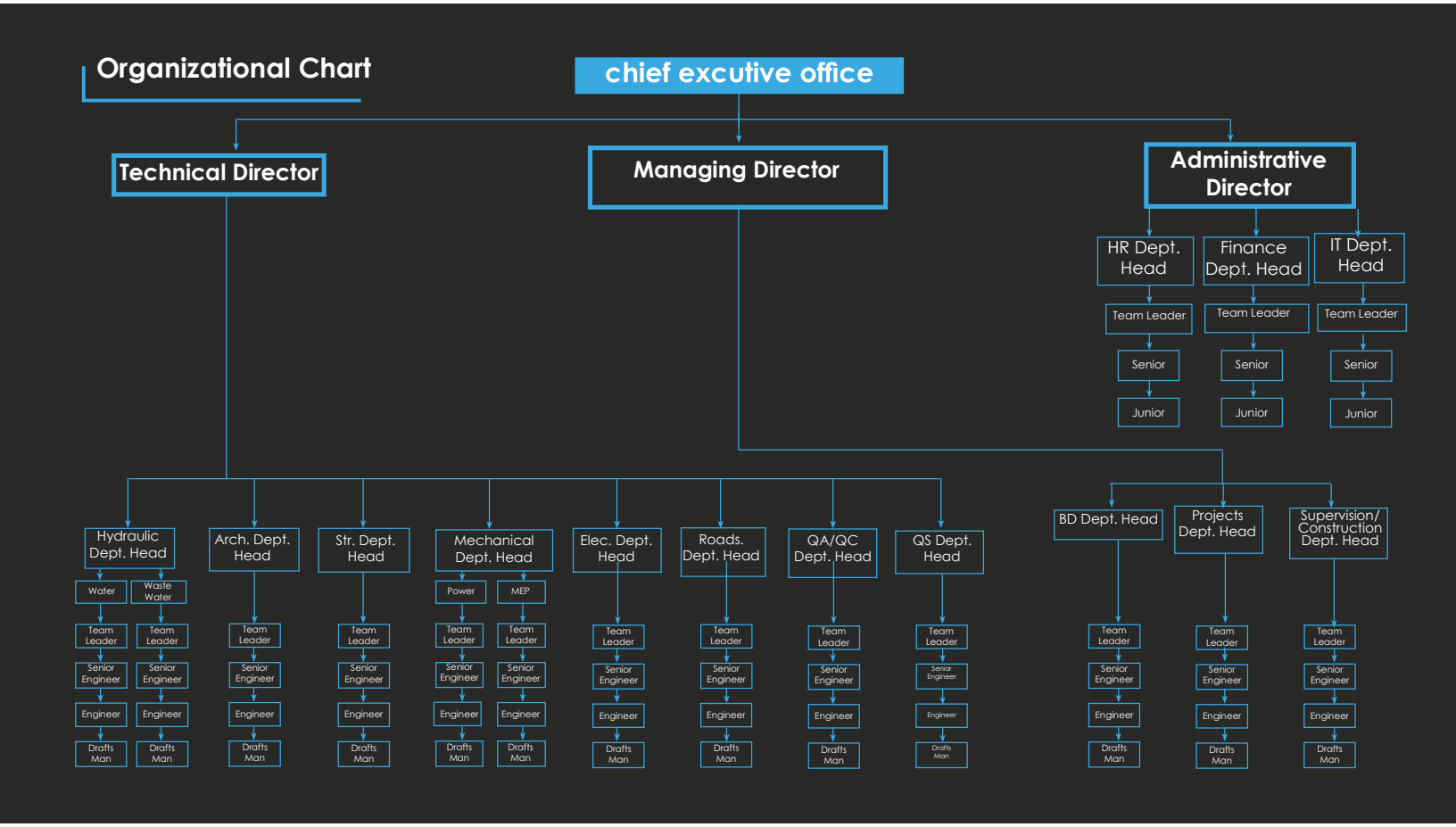


Value Engineering





(Served by +350 Professional Employees)


Organizational Chart
chief excutive office
Technical Director
Managing Director
Administrative Director
HR Dept. Head
Finance Dept. Head
IT Dept. Head
Team Leader
Senior
Junior
Hydraulic Dept. Head
Water
Waste Water
Arch. Dept. Head
Str. Dept. Head
Mechanical Dept. Head
Power
MEP
Elec. Dept. Head
Roads. Dept. Head
QA/QC Dept. Head
QS Dept. Head
BD Dept. Head
Projects Dept. Head
Supervision/ Construction Dept. Head
Senior Engineer
Engineer
Drafts Man


DSC
distance
studio
consultants
رمضان كريم

02

Scope of work

Scope of Work

Disciplines

- Roads networks
- Potable water
- Sewage drainage
- Storm water drainage
- Irrigation networks
- Firefighting systems
- Electrical Systems
- Telecommunications
- MEP Works
- WWTP
- Desalination Plant
- RO Plant
- Special Studies
- BIM Services

Design

- Conceptual
- Feasibility
- Basic Design
- Detail Design
- Shop Drawings
- BIM Services

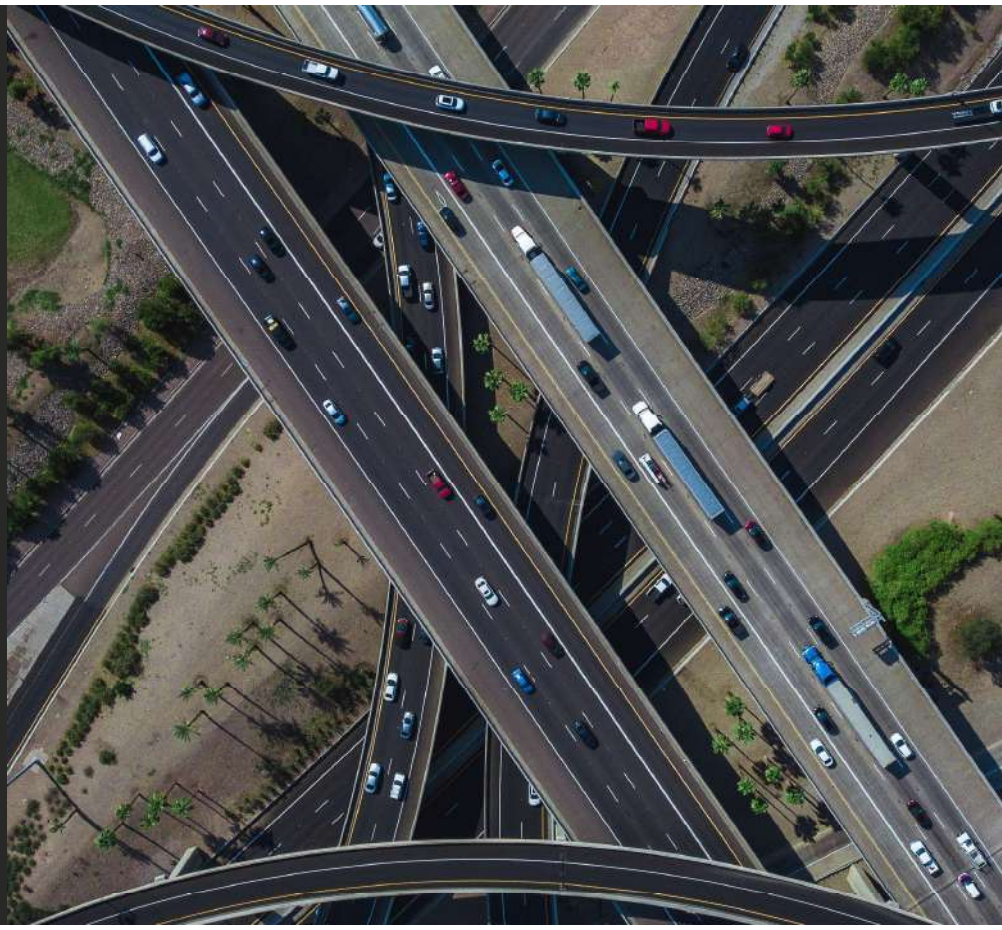
Management

- Costing
- Planning & Scheduling
- Risk management
- Contracts Management
- Technical Assistance / Advising
- Construction Supervision
- Testing & Commissioning

ROAD DESIGN

Scope Of Work

- Highway and Interchanges
- Urban Roads
- Roads Networks Design
- Traffic Impact Assessment
- Pavement Structural Design
- Tunnels, Bridges and Special Structure
- Traffic Sign-age



WET UTILITIES

Scope Of Work

- Water Networks
- Sewage Networks
- Storm Water Drainage Networks
- Irrigation Networks
- Subsurface Drainage Networks
- Water Treatment Plants
- Wastewater Treatment Plants
- Desalination Plants
- Hydraulic Analysis
- Anti-Hammer Systems
- EIA Studies
- Pump Station



DRY UTILITIES

Scope Of Work

- Medium Voltage Network
- Low Voltage Network
- Street Lighting Network
- Telecommunication Network
- Sewage & water pumping station including power and control system
- Interior Electrical Works for Building

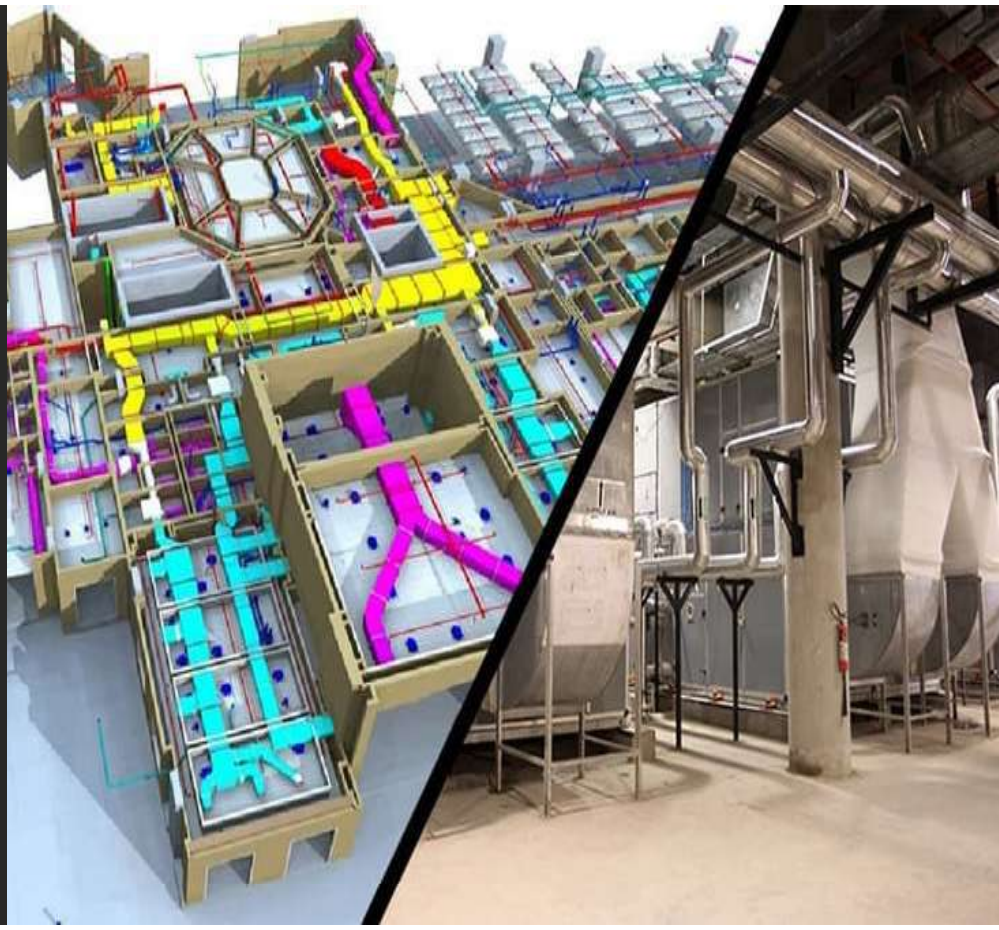




MEP DESIGNS

Scope Of Work

- Firefighting, plumbing and HVAC.
- Pipe routes, Sizes and Slopes.
- Firefighting networks, Pressures and Fire Hydrants.
- Sprinklers, Clean agent systems, Hose cabinets and Fire Extinguishers.
- Building's Interior plumbing water supply and wastewater drainage.
- Ventilation calculations and choice of best solutions.
- Air conditioning and Heat transfer.



PLANTS DESIGN
(WWTP, DESLINATIONAN &RO)

Scope Of Work

- Desalination [Sea Water and Brackish Water RO]
- Domestic sewage, Industrial waste and grey water plant
- Bio-Shaft Waste Water Technology
- Filtration systems Old & New technology and Arsenic, Iron & Manganese removal
- Demenlalization for water use in green hydrogen and other industrials
- Surface water plant

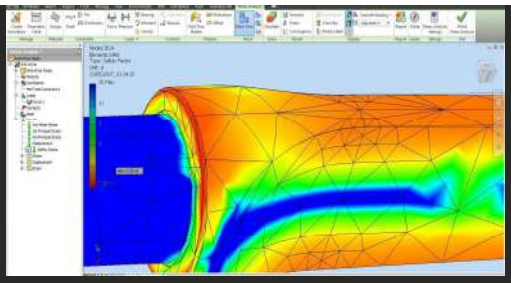




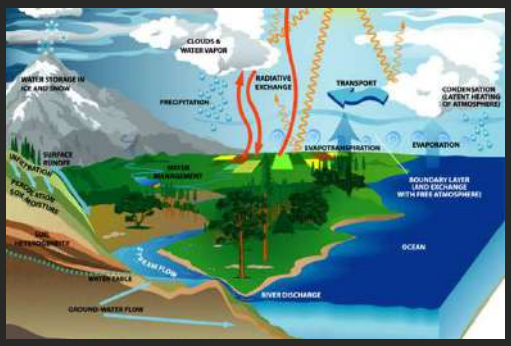
SPECIAL STUDIES

Scope Of Work

- Environment Impact Assessment (EIA)
- Computational Fluid Dynamics (CFD)
- Water Hammer
- Stress Analysis
- Hydrological Studies
- Traffic Impct Study

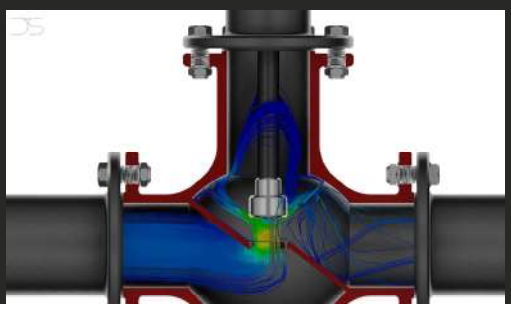


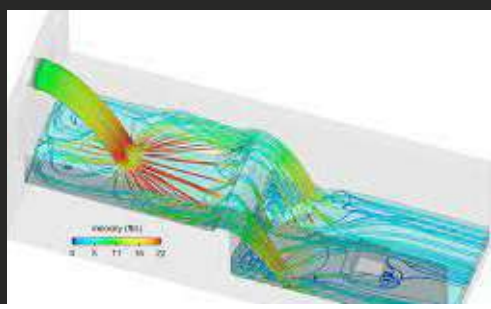








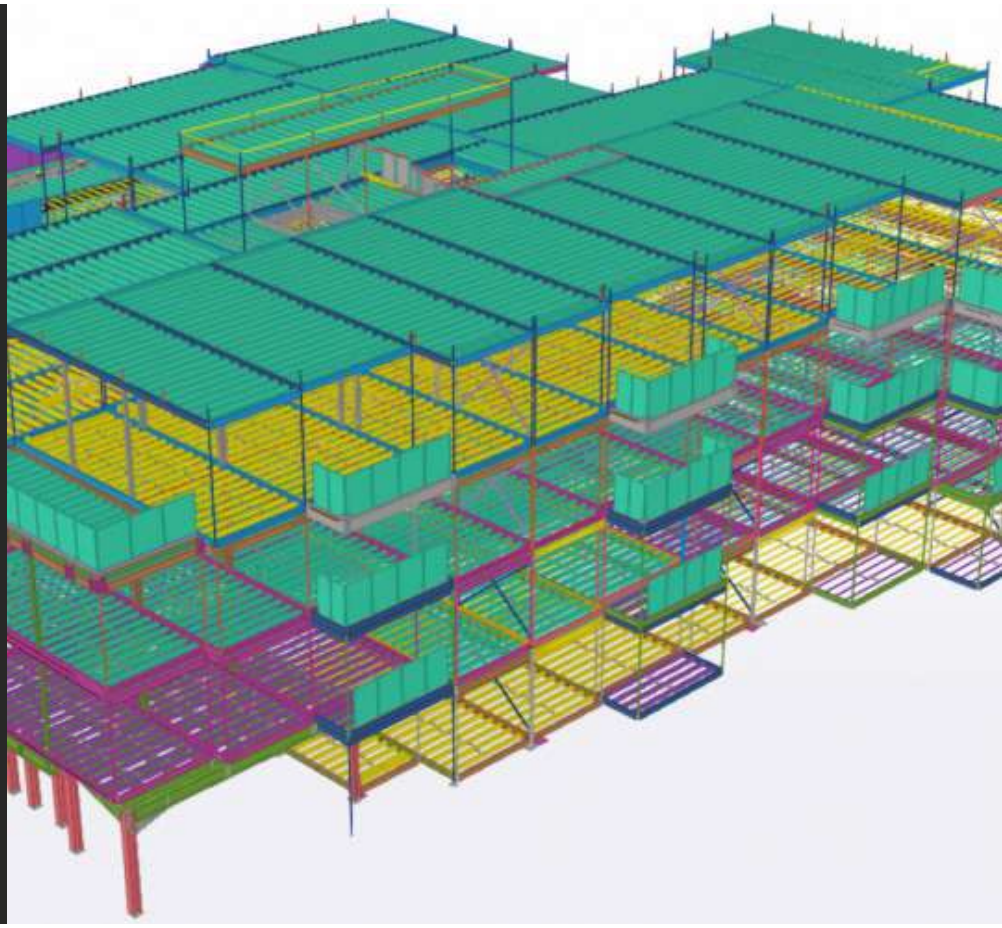




BIM SERVICES

Scope of Work

- Develop the model virtually for specific design discipline
- Ensure that the model aligns with the standards and goals set in BIM project wrokflow criteria.
- Collaborate and coordinate internally or/and externally with oyer disciplines design-changes and model changes.
- develop accurate construction drawings and extract data based on the discipline BIM platform
- Coordinate design documentation as a methodology with full utilization of BIM softwares and tools



LIST OF PROJECTS

Projects In Egypt	Projects In KSA	Project In Qatar
Development Plan of Ras El-Hekma Water front city	Al Derayia Development	Fahkro Residence Compound
Capital Gardens	Design & Engineering Services for Neom Projects	
Marina Al Alamin	Rabiet Makkah II	
Industrial City in Capital Gardens	Kudwa Developmet	
New Suez City Extension Competition	Thakher City	
Phia	Mecca Mixed-Use Complex	
Maesta Serviced Apartments	CP2	
Bleu Vert Compound	La Palma Residential Compound	
Il Mondo Compound	Manazel Qourtoba Residence	
Rivan Residential Compound	Al Tilal Residential Compound	
Sahel Hashish Compound	Zain Compound	
Porto Lagoon	Dar El Wesal Coumpound	
Sports Lagoon	Sheikh Ghanim Compound	
CFC Creative District	Mekkah Station	
Rehab English School	Dussur Seah Stainless Steel	
Grain Silos Factory	Integrated Public Security Operations (IPSO)	
DAGA Infrastructure - Area B	Site Development of mutrafiah District Sector A3	
Hatchery Factory	Site Development of mutrafiah District Sector A7	
Shura Island -Golf Estate	Sabic Matrafia	
Seashell Playa North Coastal		


Seashell PLAYA
North Coast
EGYPT

Seashell Playa North Coastal

Seashell Playa North Coastal designed to serve purpose with 9 zones, Distance infra prepares the workshop drawing documents for infrastructure wet & dry network.



Seashell Playa North Coastal

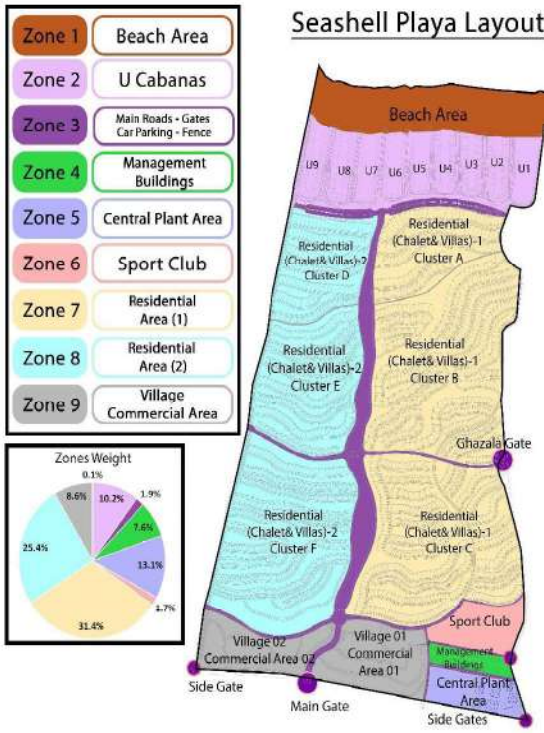
Client : RME-G

Land Area: 3,266,518 m2

Scope of Work

- Potable Water and Fire network.
- Sewage network.
- Irrigation network.
- MV, LV and Street lighting networks.
- Telecommunication and light current
- Road network.





RECLAMATION & IRRIGATION NETWORKS IN TOSHKA

Client : Orascom, HAC, Concord, Madjour Group& El Sewedy Elec.

Services: Shop Drawings

Scope of Work:
- Canals
- Networks
- Pump Station

EGYPT



LAND RECLAMATION PROJECT SOUTH OF AL-DABAA AXIS

Client : Engineering Authority Department of Water Engineering Authority Department of Military Engineers

Hammam city is a national project that aims to deliver 7.5 million m3 per day of irrigation water from different sources along the path to the west towards a waste water treatment plant located at hammam city for the reclamation of 362,000 feddans



RECLAMATION OF 465,000 FEDDANS IN SINAI

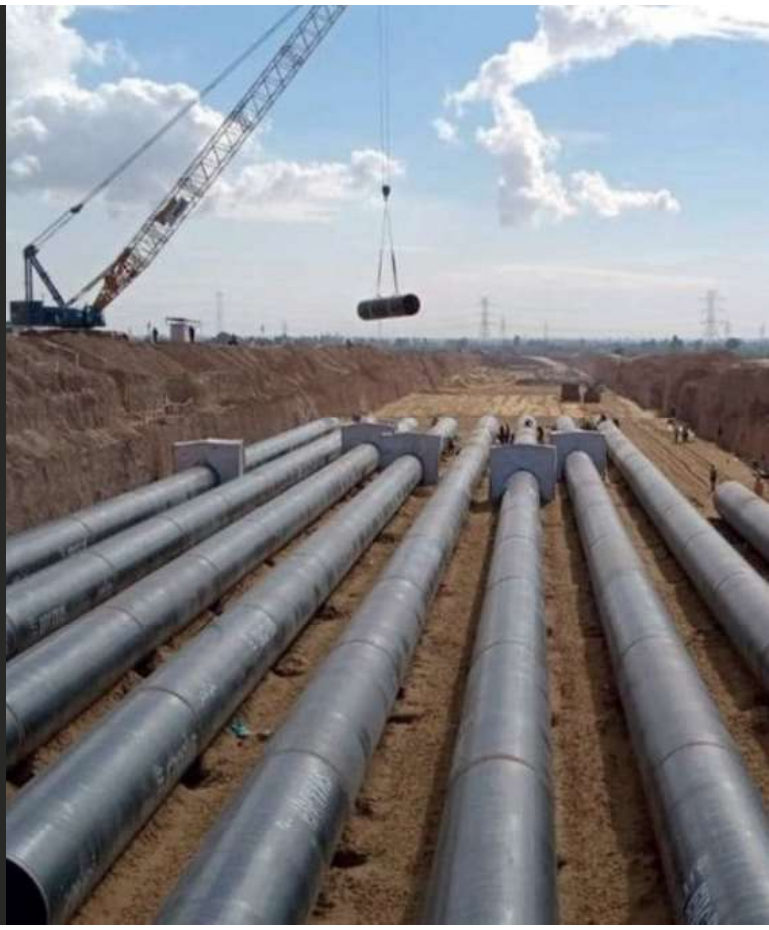
A mega national project that aims to reclaim 465,000 feddans in Sinai by delivering millions of cubic meters of irrigation water per day from different sources. The project consists of (15) pumping station and pipelines of different materials (Prestressed Concrete – Carbon Steel – GRP) with diameters of (2200 mm - 1600 mm - 1400 mm) stretching across (61,020 km - 12,310 km - 20,20 km) respectively with a total path length of 75,350 km and a total pipelines length of 359,830 km.



WATER TRANSFER FROM EASTERN SOURCE TO MOSTAKBAL MISR PROJECT SITE

Client : Engineering Authority Department of Water

MostakbalMasrisanationalprojectthataimstodeliver10millionm3perdayofirrigationwaterfromtheRasheedNilebranch to the west of the ring road and the west of the Sheikh Zayed City. The path stretches along 41.4 kilometers starting at Rasheed branch.



WATER TRANSFER FROM EASTERN SOURCE TO MOSTAKBAL MISR PROJECT SITE

Client : MOTT MacDonald

Services: Shop Drawings

Scope of Work:
- 35 km of new sewage network.
- 1.6 km of rehabilitation of sewage Network.
- 3.7 km of force-main lines.
- Rehabilitation of Pump Station (mechanical, electrical and civil)

EGYPT



FARMING 3000
FEDDANS OF FORESTRY

Client : Construction Authority for Potable water & Wastewater

Services:
- Construction Supervision
- Design Review

Scope of Work:
- Design works for the following networks (Water – Irrigation – Sewage – Firefighting – Roads).
- Supervise the construction to ensure works are executed according to drawings and relevant codes and follow up with the time schedule.
- Prepare periodic invoices.
- Revise the as-built drawings.
- Coordinate and prepare preliminary and final handing over letters between the owner and the contractor.



SOUTH VALLEY DEVELOPMENT PROJECT IN TOSHKA



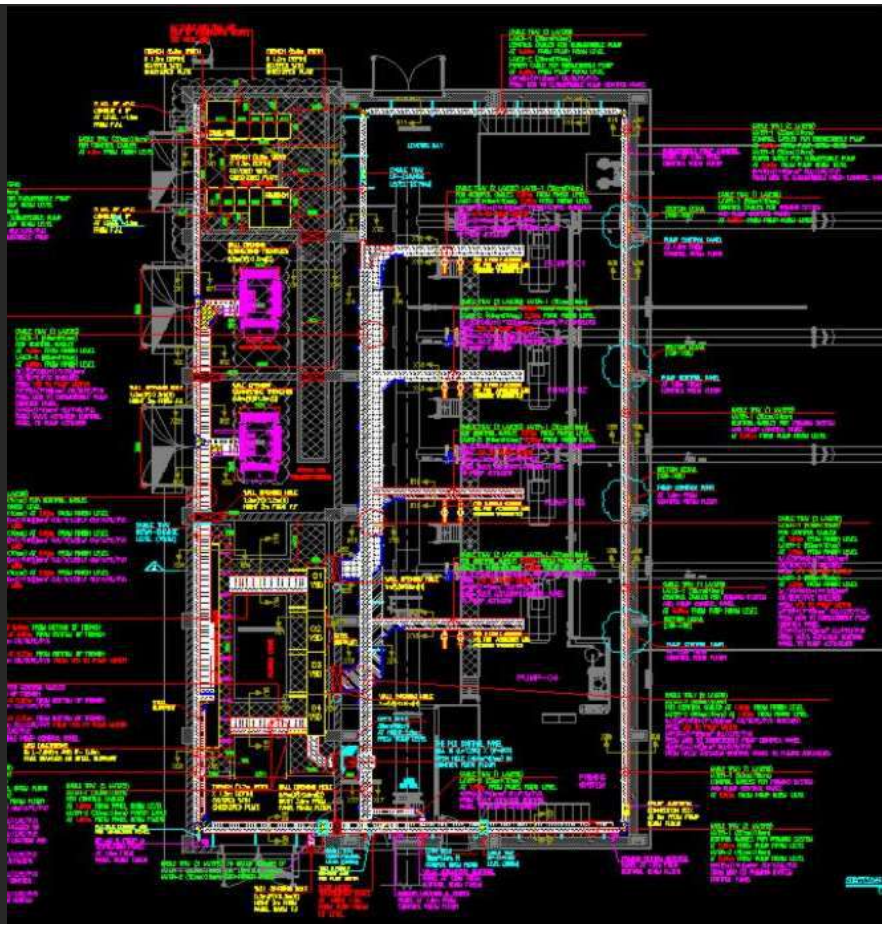
SOUTH VALLEY DEVEL-OPMENT PROJECT IN TOSHKA

The project aims to overcome the food gap by increasing the agricultural area by about 540 thousand feddans, to develop and reach one million feddans in the future, while maximizing the return of available resources and increasing agricultural exports, which helps reduce the deficit in the trade balance, and provides job opportunities for thousands of young people, especially in Upper Egypt.



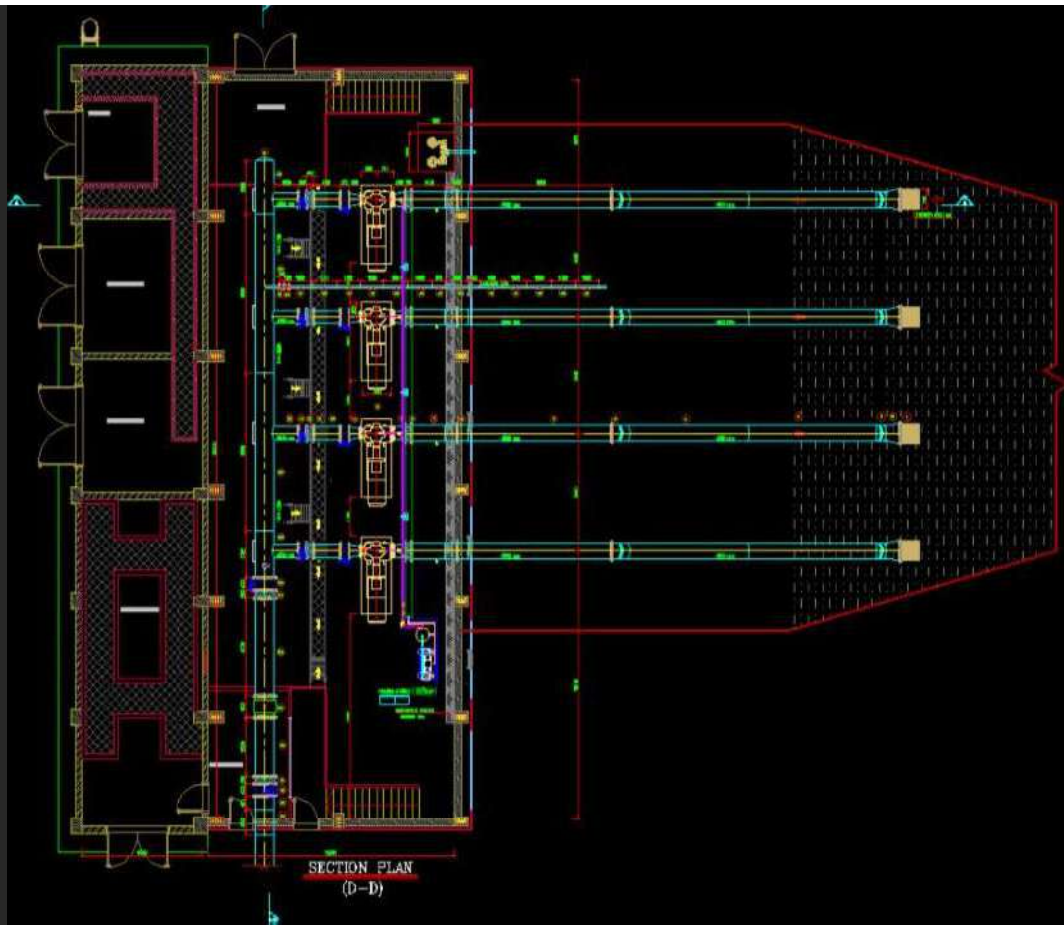
SOUTH VALLEY DEVELOPMENT PROJECT IN TOSHKA

- Electrecal (Power)
- Scope:
- Lighting System
- Power System
- Fire Alarm System
- AC Power
- Cables Routing



SOUTH VALLEY DEVELOPMENT PROJECT IN TOSHKA

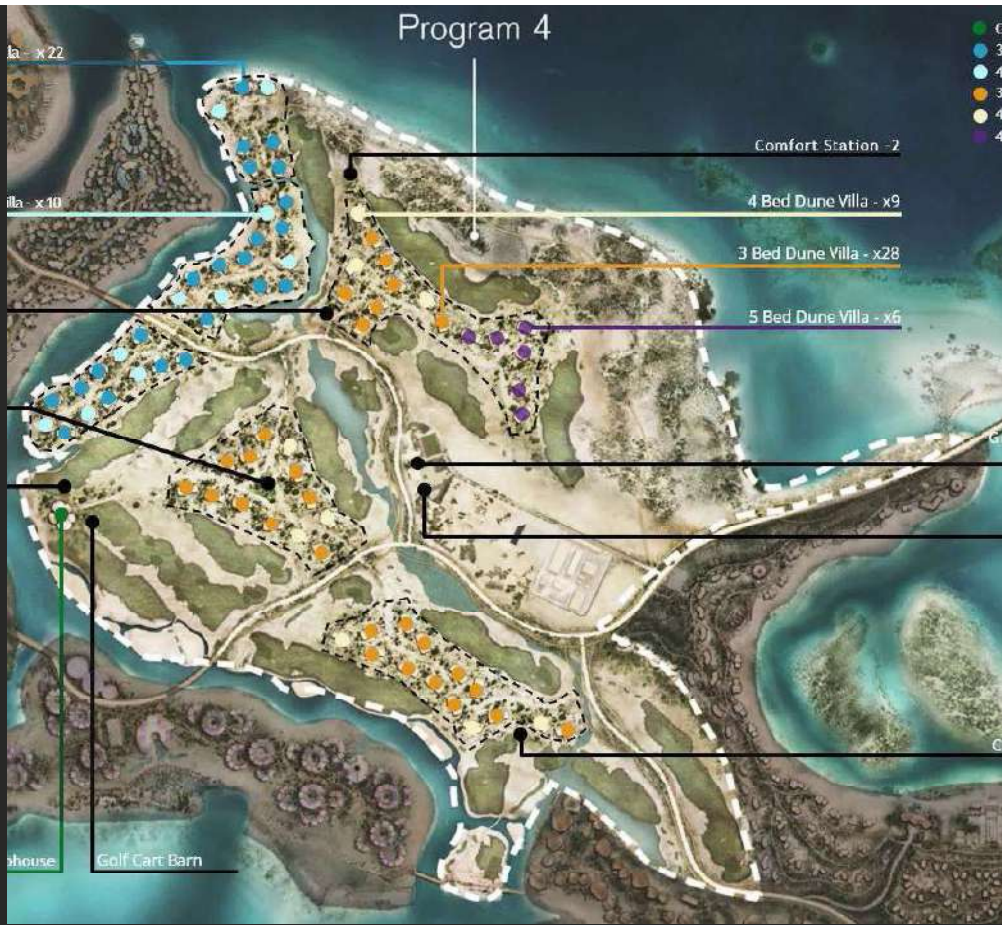
- Mechanical :
- Pump Station Furniture
- Pump Details
- HVAC
- HVAC System for Pump Station




SHURA ISLAND
-GOLF ESTATE
KSA

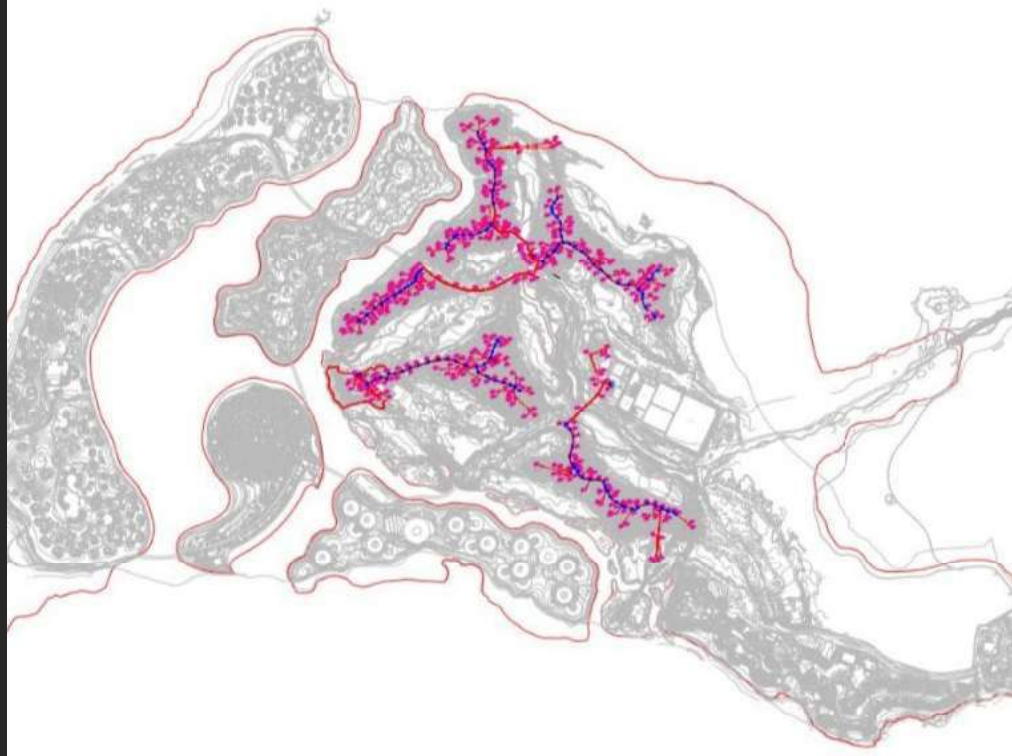
SHURA ISLAND -GOLF ESTATE

- Shura is the hub island of The Red Sea Project on the west coast of Saudi Arabia. With an aturaldolphinshape,the island is one of92in ourarchipelago,whichishome to theworld's fourth largest barrier reef system,untouched corals and a significant number of endangered species.
- 11unique resorts on Shura designed to give future guests abarefoot luxury experience like no other place on earth.



SHURA ISLAND -GOLF ESTATE

The Scope of the Work includes without limitation all engineering, procurement, installation, testing, commissioning, and final handover of all infrastructure works for P4 assets and associated Works as defined




DEVELOPMENT PLAN
OF RAS EL - HEKMA
WATER FRONT CITY
EGYPT