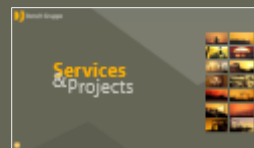






## AGENDA

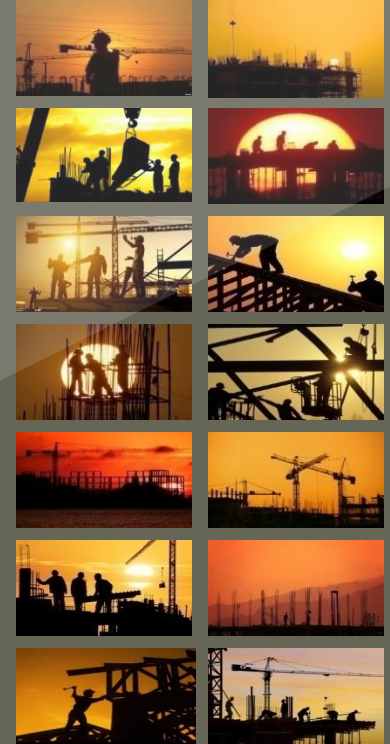
- Dorsch Gruppe – Overview
- Dorsch Gruppe – Middle East
- Services & Projects
- Selected Projects



# AGENDA

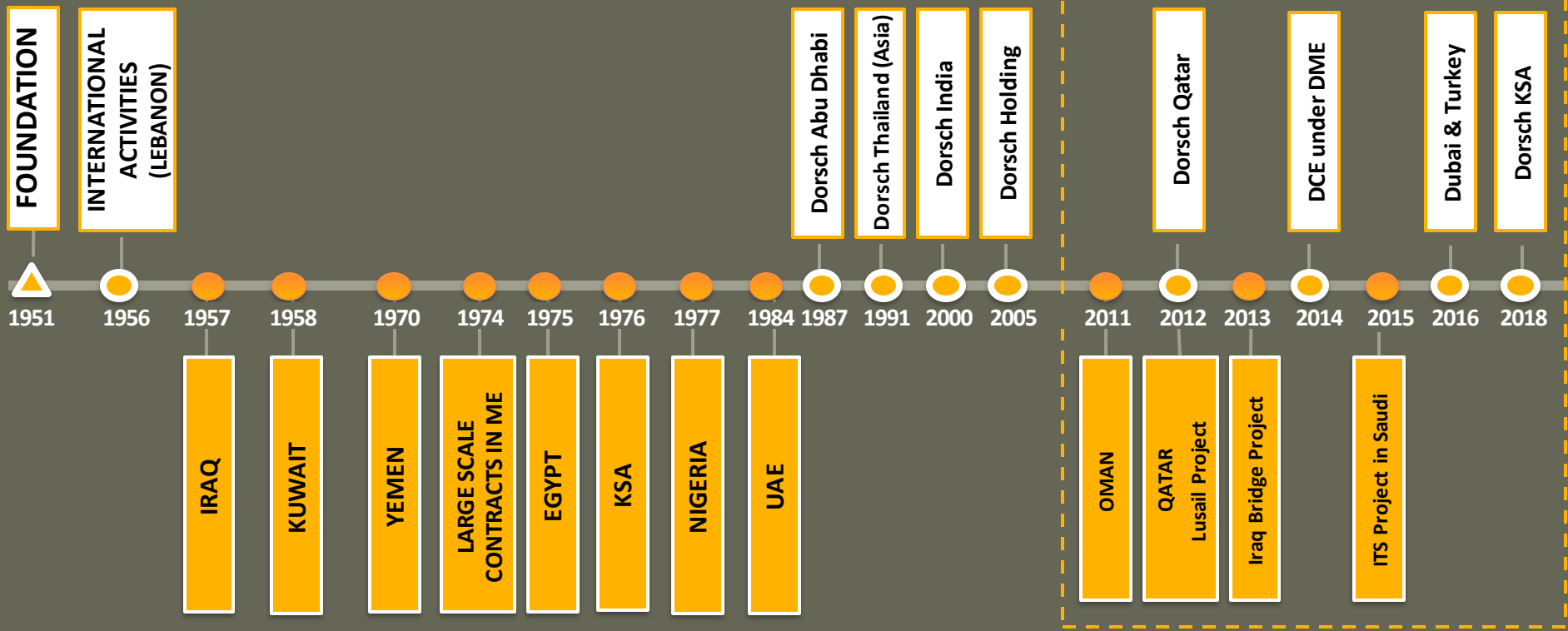
# Dorsch Gruppe

## Overview





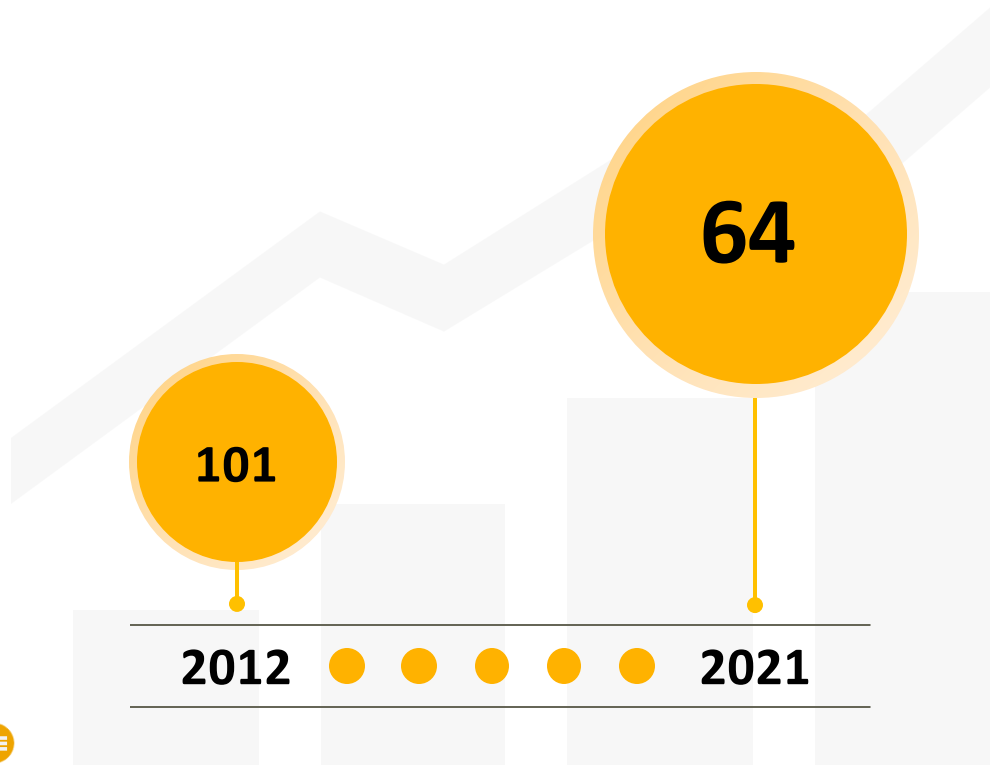
# Milestones



## Strategy of Competitors

Market Share among the Top International Engineering Firms

Dorsch ME Ranking Among Top International Engineering Firms



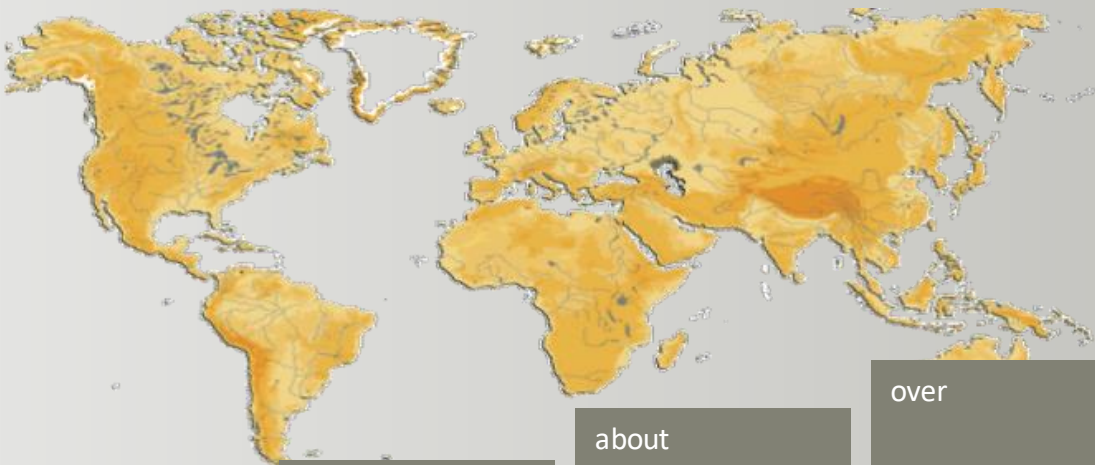
## Dorsch Ranking per Select Sub-Sector

### Worldwide

- **2<sup>nd</sup> in Operation & Maintenance**
- **5<sup>th</sup> in Transmission Lines & Cabling**
- **6<sup>th</sup> in Transmission Lines & Aqueducts**
- **6<sup>th</sup> in Dams & Reservoirs**
- **9<sup>th</sup> in Sanitary & Storm Sewers**
- **10<sup>th</sup> in Treatment & Desalination Plants**
- **10<sup>th</sup> in Wastewater Treatment & Solid Waste**
- **11<sup>th</sup> in Water Supply**
- **16<sup>th</sup> in Bridges**
- **16<sup>th</sup> in Sewage**
- **23<sup>rd</sup> in Highways**
- **23<sup>rd</sup> in Power Distribution**
- **45<sup>th</sup> in Transportation**



# Company Information: Dorsch Gruppe



more than  
**70**  
Years  
Of Experience

about  
**3,400**  
Staff  
Members

about  
**70%**  
Turnover  
Abroad

over  
**140**  
Countries  
(active in 43  
countries)

about  
**3,500**  
Domestic &  
Overseas  
Projects  
To Date

Over  
**€2** Billion  
Annual  
Investments  
Planned &  
Supervised



## Head Office: **Germany**

**Head Office of Dorsch Holding GmbH**

**Frankfurt**

### Subsidiaries / Affiliates in Germany

Dorsch International  
Consultants GmbH

Dorsch Consult  
Verkehr und  
Infrastruktur  
GmbH

BDC  
Dorsch Consult  
Ingenieur-  
gesellschaft mbH

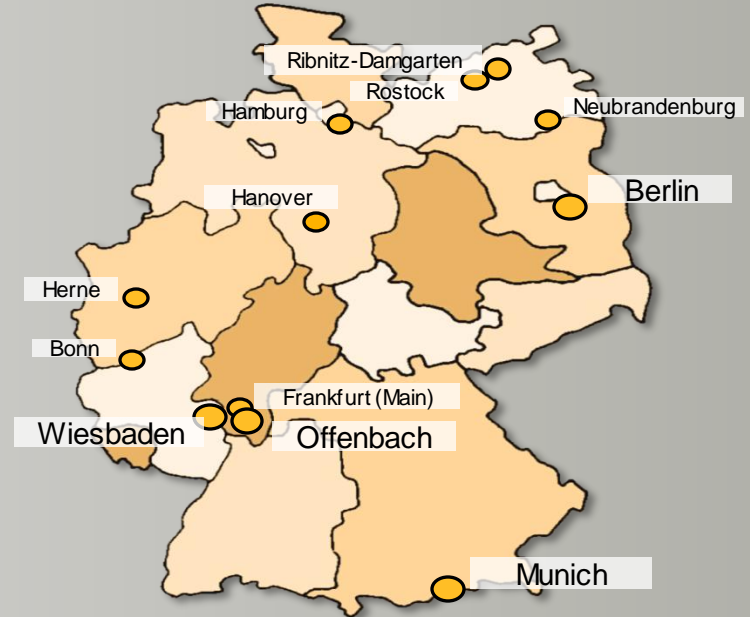
Head Office  
Munich

Head Office  
Wiesbaden

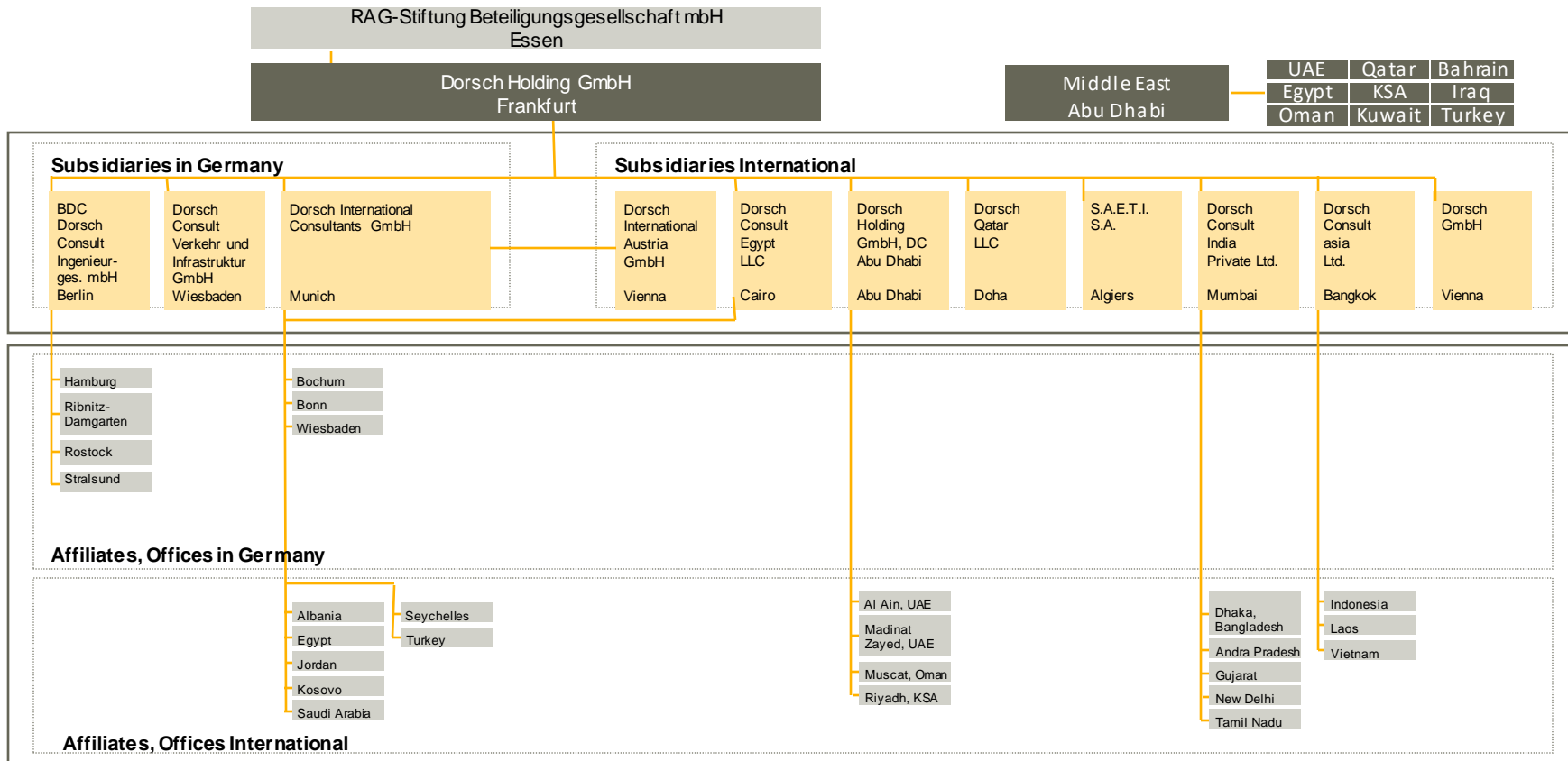
Head Office  
Berlin

Offices:  
Bonn  
Herne  
Frankfurt / Main  
Wiesbaden

Offices:  
Hamburg  
Hanover  
Neubrandenburg  
Ribnitz-Damgarten  
Rostock



# Organization Chart



# Fields of Activity



**Project Management**



**Transportation**



**Infrastructure**



**Buildings**



**Oil & Gas**



**Master Planning**



**Marine**



**Industrial Engineering**



**Airports**



**Landscaping**





**Environment**




**Asset Management/FM/O&M**

# Quality Management

## CERTIFICATE

This is to certify that



**Dorsch Holding GmbH**  
 Berliner Straße 74-76  
 63065 Offenbach

with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System**.

**Scope:**  
 Engineering- and Consulting services in Germany and abroad in the fields of Transport Infrastructure including Airports, Architectural, Civil, Mechanical, Urban planning, Structural design, Construction material design, Industrial and Pipeline Engineering, Water Resources and Environmental Engineering, Project- and Construction Management, Integrated industrial planning, Health and Safety as well as Integrated Consulting Services for physical and social Infrastructure projects

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:


### ISO 9001 : 2008

Certificate registration no. 012110 QM08

Valid from 2014-12-02

Valid until 2017-12-01

Date of certification 2014-10-07




DAKKS  
 Deutsche  
 Akkreditierungsstelle  
 D-28195 Berlin

**DQS GmbH**

*G. Blechschmidt*

Goetz Blechschmidt  
 Managing Director



Accredited Body: DQS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main



THE INTERNATIONAL CERTIFICATION NETWORK®

## CERTIFICATE

IQNet and  
 DQS GmbH Deutsche Gesellschaft zur Zertifizierung von Managementsystemen  
 hereby certify that the company



with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System**.

**Scope:**  
 Engineering- and Consulting services in Germany and abroad in the fields of Transport Infrastructure including Airports, Architectural, Civil, Mechanical, Urban planning, Structural design, Construction material design, Industrial and Pipeline Engineering, Water Resources and Environmental Engineering, Project- and Construction Management, Integrated industrial planning, Health and Safety as well as Integrated Consulting Services for physical and social Infrastructure projects

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

### ISO 9001 : 2008

Valid from 2014-12-02

Valid until 2017-12-01

Date of certification 2014-10-07

Registration Number: DE-012110 QM08



*Michael Drechsel*  
 Michael Drechsel  
 President of IQNet



*G. Blechschmidt*  
 Goetz Blechschmidt  
 Managing Director of DQS GmbH

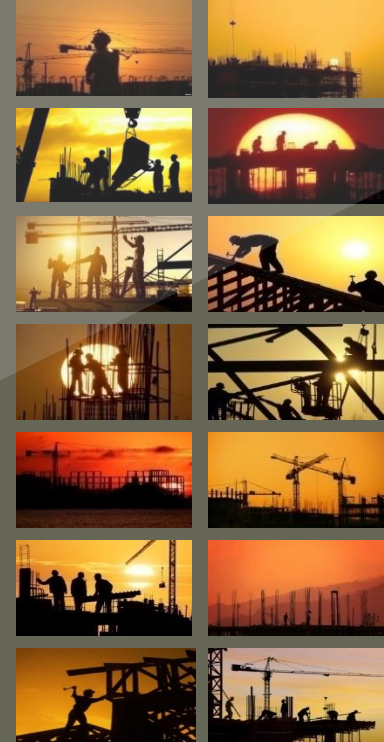


IQNet Partners:  
 AENOR Spain AFNOR Certification France AIS-Ingote International Belgium ANCE-SISE Mexico APCER Portugal CCC Cyprus  
 CISC Italy CQC China CQB China CCB Czech Republic CQI-Cert Canada CQB Holding United Kingdom  
 FCAV Brazil FONCONORMA Venezuela ICONTEC Colombia IMC Mexico Inspecta Certification Finland IRAM Argentina  
 JCA Japan KQI Korea IMETEC Greece IMET Hungary Nemko AS Norway NTA Ireland PCBC Poland  
 Quality Austria Austria RRI Russia RI Israel SIG Slovenia SRM QA5 International Malaysia  
 SCS Switzerland SBCA Slovenia TSI ITI Brandenburg Russia TSE Turkey YUGS Serbia  
 IQNet is represented in the USA by: AFNOR Certification, CISC, DQS Holding GmbH and NTA Inc.  
 \* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under [www.iqnet-certification.com](http://www.iqnet-certification.com)



# Dorsch Gruppe

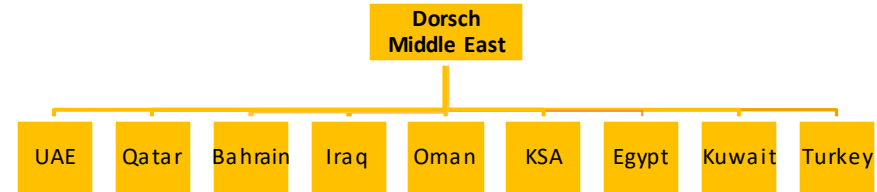
## Middle East



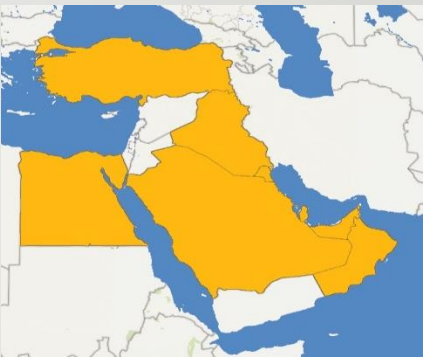
## DORSCH MIDDLE EAST



## Dorsch Gruppe Middle East



# Company Information: Dorsch Gruppe – Middle East



more than

**35**

Years  
of Experience in  
the UAE

more than

**60**

Years  
of Experience in  
the Region

more than

**1,600**

Staff  
Members

about

**2,000**

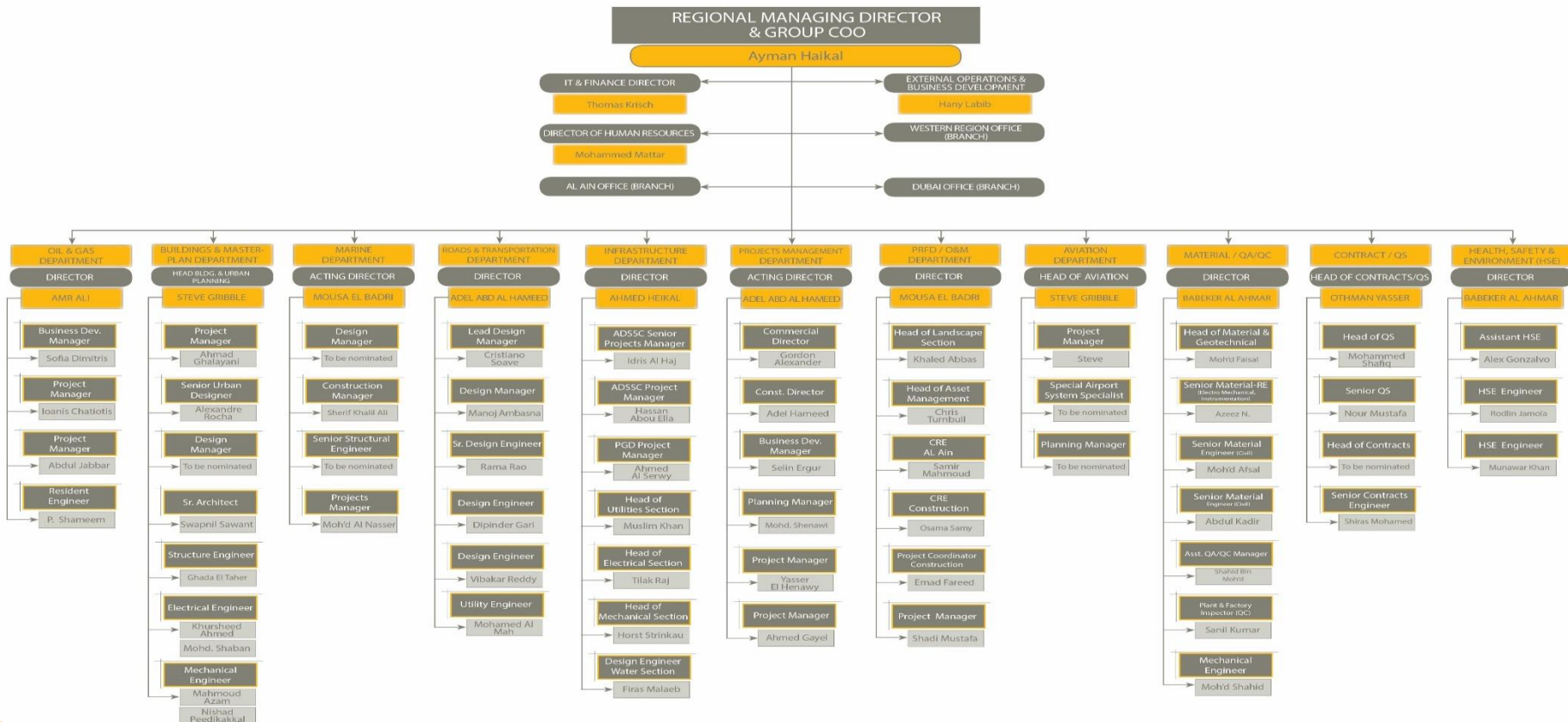
Domestic  
Projects  
To Date

Over

AED **80** Billion

Construction  
Amounts  
Managed,  
Planned and  
Supervised

# DORSCH ME ORGNIZATION CHART





# ISO Certifications



## CERTIFICATE

Management system as per  
**ISO 9001 : 2015**

In accordance with TÜV NORD CERT procedures, it is hereby certified that:

**Dorsch Holding GmbH Abu Dhabi**  
Lulu Centre, 5th, 10th, 11th, 15th & 18th Floors  
Salam Street, Abu Dhabi  
United Arab Emirates



with the locations / sites according to the annex:  
applies a management system in line with the above standard for the following scope:

**Design, Project Management, Construction Supervision, Operation & Maintenance, Facility Management, Consultancy related to Architectural and Infrastructure Projects (Sewerage, STP, Water & Power Supply, Roads, Bridges, Highways, Railways & Airports), Civil & MEP Works, Landscaping Projects, Master & Urban Planning, Marine and Oil & Gas Sector**

Certificate Registration No. 44 100 127988  
Audit Report No. 5800 8206

Valid from 2019-09-23  
Valid until 2021-09-22  
Initial certification 2012



Certification Body  
at TÜV NORD CERT GmbH

Abu Dhabi, 2019-09-23

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH    Langemannstraße 20    45141 Essen    [www.tuv-nord-cert.com](http://www.tuv-nord-cert.com)






**Quality Management**



## CERTIFICATE

Management system as per  
**ISO 14001 : 2015**

In accordance with TÜV NORD CERT procedures, it is hereby certified that:

**Dorsch Holding GmbH Abu Dhabi**  
Lulu Centre, 5th, 10th, 11th, 15th & 18th Floors  
Salam Street, Abu Dhabi  
United Arab Emirates



with the locations / sites according to the annex:  
applies a management system in line with the above standard for the following scope:

**Design, Project Management, Construction Supervision, Operation & Maintenance, Facility Management, Consultancy related to Architectural and Infrastructure Projects (Sewerage, STP, Water & Power Supply, Roads, Bridges, Highways, Railways & Airports), Civil & MEP Works, Landscaping Projects, Master & Urban Planning, Marine and Oil & Gas Sector**

Certificate Registration No. 44 104 127058  
Audit Report No. 5800 8207

Valid from 2018-05-23  
Valid until 2020-09-22  
Initial certification 2012



Certification Body  
at TÜV NORD CERT GmbH

Abu Dhabi, 2018-05-23

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH    Langemannstraße 20    45141 Essen    [www.tuv-nord-cert.com](http://www.tuv-nord-cert.com)






**Environmental Management**



## CERTIFICATE

Management system as per  
**BS OHSAS 18001 : 2007**

In accordance with TÜV NORD CERT procedures, it is hereby certified that:

**Dorsch Holding GmbH Abu Dhabi**  
Lulu Centre, 5th, 10th, 11th, 15th & 18th Floors  
Salam Street, Abu Dhabi  
United Arab Emirates



with the locations / sites according to the annex:  
applies a management system in line with the above standard for the following scope:

**Design, Project Management, Construction Supervision, Operation & Maintenance, Facility Management, Consultancy related to Architectural and Infrastructure Projects (Sewerage, STP, Water & Power Supply, Roads, Bridges, Highways, Railways & Airports), Civil & MEP Works, Landscaping Projects, Master & Urban Planning, Marine and Oil & Gas Sector**

Certificate Registration No. 44 116 127658  
Audit Report No. 5800 8206

Valid from 2019-09-23  
Valid until 2021-03-11  
Valid until 2021-03-11 (in case of registration to ISO 45001:2018)  
Initial certification 2012



Certification Body  
at TÜV NORD CERT GmbH

Abu Dhabi, 2019-09-23

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH    Langemannstraße 20    45141 Essen    [www.tuv-nord-cert.com](http://www.tuv-nord-cert.com)





**Occupational Health and Safety Management**

# Asset Management: ISO 55001:2014



## Letter of Compliance

Management system as per  
**ISO 55001 : 2014**

In accordance with TÜV Middle East procedures, the compliance audit has been completed for

**Dorsch Holding GmbH-Abu Dhabi**  
Lulu Centre, 5th, 10th 11th  
15th & 18th Salam Street  
P.O. Box 26417, Abu Dhabi  
United Arab Emirates



with the location: Dorsch Qatar LLC, Al Salam Tower, Sheraton Roundabout  
P.O. Box 23593, Doha, Qatar

applies a management system in line with the above standard for the following scope

**Design, Project Management, Construction Supervision, Operation & Maintenance  
Consultancy related to Architectural and Infrastructure Projects (Sewerage, STP,  
Water & Power Supply, Roads, Bridges, Highways, Railways & Airports), Civil & MEP  
Works Landscaping Projects, Master & Urban Planning, Marine and Oil & Gas Sector**

Certificate Registration No. TÜV 01 00007  
Audit Report No. 1000 0015

Valid from 30-11-2016  
Valid until 29-11-2019



TÜV Middle East

Abu Dhabi, 30-11-2016

This compliance was conducted in accordance with the TÜV Middle East auditing procedures and is subject to regular surveillance audits.

TÜV Middle East, Mezzanine Floor, Danaï Tower A, Airport Road, P. O. Box 46030, Abu Dhabi, U.A.E [www.tuvme.com](http://www.tuvme.com)



# HSE Approval Certification



DEPARTMENT OF MUNICIPAL AFFAIRS  
Environment, Health and Safety Center



دائرة الشؤون البلدية  
البيئة والصحة والسلامة  
Abu Dhabi Environment, Health and Safety Center

## Approval Certificate

Department of municipal Affairs

Certifies that

Dorsch Holding GMBH – Abu Dhabi

Has met all the minimum requirements of Building and Construction Sector EHSMS Requirements Document and the requirements of Abu Dhabi Environment, Health and Safety Management System (AD EHSMS).

### Approved System:

"Environment, Health and Safety Management System of Dorsch Holding GMBH – Abu Dhabi"

Approval Date: 14 August 2012

Approval Certificate No:

AD EHSMS/BC-12-0044/0054

## شهادة اعتماد

تشهد دائرة الشؤون البلدية

بأن

دورس هولدينج جي ام بي اتش - ابوظبي

قد استوفت كافة المتطلبات الأساسية لوثيقة متطلبات نظام إدارة البيئة والصحة والسلامة لقطاع البناء والإنشاء ومتطلبات نظام إدارة البيئة والصحة والسلامة لإدارة أبوظبي.

### النظام المعتمد:

"نظام إدارة البيئة والصحة والسلامة الخاص بـ دورس هولدينج جي ام بي اتش - ابوظبي"

تاريخ الاعتماد: 14 أغسطس 2012

شهادة اعتماد رقم:

دائرة الشؤون البلدية  
Department of Municipal Affairs

### Important Note:

- System Implementation should commence within one month of the approval date and all requirements under the Building and Construction Sector EHSMS Requirements Document and applicable requirements under AD EHSMS should be complied with.
- Performance Reporting by entities shall commence after system implementation in accordance with AD EHSMS requirements, and reports submitted to the Department of Municipal Affairs on quarterly basis.
- Auditing should be conducted by a third party registered with AD EHS Center after 12 months from approval date and annually after that.
- In case of non-compliance with the implementation conditions, failure to submit regular EHS Performance Reports, or with corrective actions required in audit reports, this Certificate shall be revoked by the BSA.

### ملاحظة هامة:

- يجب تطبيق النظام خلال فترة لا تتجاوز شهر من تاريخ الإصدار والالتزام به.
- يجب البدء بإعداد تقارير الأداء وفقاً لمتطلبات نظام إدارة البيئة والصحة والسلامة وإرسالها إلى دائرة الشؤون البلدية بشكل ربع سنوي.
- يتم إجراء التدقيق على النظام من قبل طرف ثالث مسجل لدى مركز أبوظبي للبيئة والصحة والسلامة بعد 12 شهراً من تاريخ اعتماد النظام بشكل سنوي بعد ذلك.
- في حال عدم الالتزام بمتطلبات التطبيق، أو برفع تقارير الأداء بشكل منتظم، أو بإخلاق الإجراءات التصحيحية الواردة في تقارير التدقيق، يتم سحب شهادة الاعتماد من قبل السلطة المختصة للتشريع.

Building and Construction Sector  
Tel: +971 2 6786555 Fax: +971 2 6777755  
PO Box 3, Abu Dhabi, United Arab Emirates  
website: www.dma.abudhabi.ae



القطاع الإنشاء والإنشاء  
هاتف: +971 2 6786555 فاكس: +971 2 6777755  
ص.ب 3، أبو ظبي، الإمارات العربية المتحدة  
موقع إلكتروني: www.dma.abudhabi.ae



تم تفويض "دائرة الشؤون البلدية" كسلطة محلية لقطاع البناء والإنشاء، بناءً على قرار اللجنة العليا للنظام إدارة البيئة والصحة والسلامة لإدارة أبوظبي الصادر رقم (1/1) عام 2009.

The "Department of Municipal Affairs" has been delegated as Sector Regulatory Authority for the Building and Construction Sector in accordance with the AD EHS Higher Committee Decision and Decree No. (02) of 2009.

Abu Dhabi Environment, Health and Safety Management System  
Approval Certificate



## HSE Policy Statement

Dorsch Gruppe  
DC Abu Dhabi

### HSE Policy Statement

DC Management recognizes and accepts its responsibilities for performing its work in a manner that ensures the Health and Safety of its staff, contractors and/or any other person who may be affected by its works. Maintaining a high safety standard is a collective responsibility and team work, and every employee is responsible for achieving this goal.

DC is committed to achieve excellence in all aspects of HSE. Our commitment in preserving and promoting the reputation of the clients we serve, their environment, communities and all stakeholders associated with our projects is absolute and uncompromising. We believe that all accidents and incidents are, where possible, preventable. We ensure implementing all applicable HSE standards, regulations, procedures and practices in line with AD EHS Policy and Building and Construction Sector EHS Policy necessary to protect and enhance Health and wellbeing of our employees, contractors, subcontractors, clients and general public and also a continuous improvement through trainings, audits and safety meetings. We will safeguard the environment in which we operate through an actively managed sustainable development strategy to mitigate potential risk of pollution derived from our activities.

We therefore believe that it is the responsibility of every employee to perform their assigned duties and activities safely by following the safe working procedures, achieving HSE targets and objectives using appropriate HSE resources, stopping work that is deemed unsafe and by reporting or correcting unsafe acts or conditions as appropriate.

This policy is reviewed periodically to remain relevant and appropriate with AD EHS Policy and Building and Construction Sector EHS Policy.



AYMAN HAIKAL

REGIONAL MANAGING DIRECTOR

31 May 2015

## Quality Policy

Dorsch Gruppe

DC Abu Dhabi

Dorsch Holding GmbH - Abu Dhabi  
Salim Street  
P.O. Box 26 417  
Abu Dhabi  
United Arab Emirates

Phone : +971 2 872 19 23  
Fax : +971 2 872 08 08  
E-Mail : info@dorsch.com  
Internet : www.dorsch.com

Head office: Offenbach, Germany  
Trade reg. Offenbach a.M. No. HRB 42115  
VAT No. DE247139609  
Managing Directors:  
Dirp-Ing. Olaf Hoffmann  
Andreas Rienecker

### Quality Policy

The Management of Dorsch Group recognizes and accepts the responsibility of performing its activities in a manner that ensures the commitment of the organization to identify and meet the requirements and expectations of the customers by consistently delivering the highest quality services in the fields of Engineering Design, Construction Supervision and Project Management.

Management reviews the quality policy at management review meeting and at each update of the Quality Manual to determine the policy's continuing suitability for our organization.

Top Management ensures that the quality policy is communicated to all employees and posted in prominent places throughout the facility to maintain high standards within our organization.

The Management will periodically review the performance of our management system and our quality objectives by providing frameworks to develop and improve them.

The company shall continuously improve the effectiveness of the quality management system by analyzing customer feedback, conducting internal audits, imparting training where necessary, complying with the requirements of all applicable standards and regulations.



Ayman Haikal  
Chief Operating Officer  
Regional Managing Director

Date: 27 July 2016

Document No.	Revision	Date	Page
DC-QMS-MA-100	5	27 Jul 2016	19 of 40



Document No.	Revision	Date	Section	Page
DC-HSE-MA-100	3	May 2015	A	Page 11 of 153

## Asset Management Policy

Dorsch Gruppe  
DC Abu Dhabi

Asset Management Manual

### Asset Management Policy

The Management of Dorsch Group recognizes and accepts the responsibility of performing its activities in a manner that ensures the commitment of the organization to identify and meet the requirements and expectations of its customers by consistently delivering the highest quality services in the fields of Engineering Design, Construction Supervision, Project Management, Facilities Management and Asset Management.

The asset management services that Dorsch Group provides to its clients are mainly involved with planning, implementation and review of asset management activities. As a service provider we assist our clients on a journey to improve each element of their asset management, asset management systems and alignment/certification with the International Standard ISO 55001:2014. Our planning and design services are done taking into the principles and requirements of ISO 55001:2014 Asset Management.

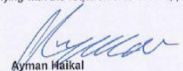
Our own assets (both physical and non-physical) are managed effectively in accordance with ISO 55001:2014 such that they enable the efficient delivery of value-for-money services to our clients.

This policy is aligned with our Quality Policy and our Health Safety Environmental Policy such that they form an integrated suite of policies providing guidance to those people who are providing services on behalf of the Company.

Top management ensures that Asset Management Policy is communicated to all employees and posted in prominent places throughout the facility to maintain high standards within our organisation.

The Management will periodically review the performance of our management system and our asset management objectives by providing frameworks to develop and improve them.

The Company shall continuously improve the effectiveness of the Asset Management Manual by analyzing customer feedback, conducting internal audits, imparting training where necessary, complying with the requirements of all applicable standards and regulations.



Ayman Haikal

COO – Dorsch Holding GmbH

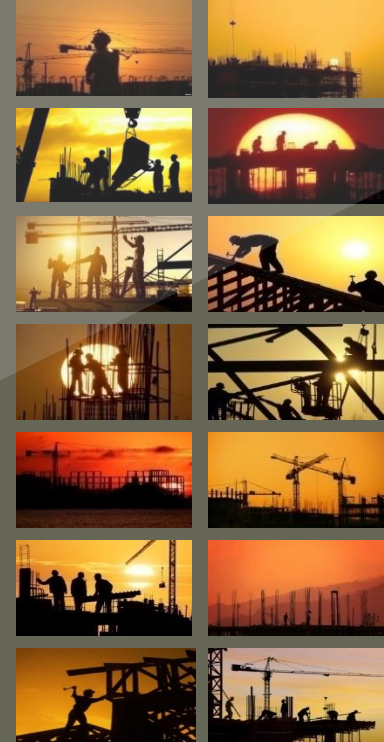
RMD – Dorsch Middle East

Date September 2016

Document No.	Revision	Date	Page
DC-AMS-MA-100	1	15 September 2016	1 of 55



# Services & Projects



## Railways & Public Transportation



Design | Project Management | Construction Supervision



### Oman Railway

Location: Port of Duqm, Oman

Cost: USD 10 Billion

Services: Technical assistance, carry out railway projects evaluation, project planning & design, prepare/review consultancy tenders for design, project management & construction, and design review.

### Munich Metropolitan Rapid System

Location: Munich, German

Services: Advice on formation of a subway engineering group within the city administration, Advice on implementation of Munich Metropolitan Rapid Transit System, Technical direction of an underground traversing design team for the German Federal Railways (S-Bahn), Design services for various sections, Construction supervision services

### Project Management Services for the Implementation of the ITS Riyadh Bus

Location: Riyadh, KSA

Cost: Euros 450 Million

Services: Project management and supervision services, Design and coordination of the telecommunication tasks, Guidance and contribution in TCC and CCTV, Development and the implementation of the Journey Planner

### Community Line Bus Stops Phase 2 & Phase 3 - Riyadh Bus Stop

(Design of 1,500 Bus Stops in Riyadh City)

Location: Riyadh, KSA

Services: Preliminary study, Preliminary design, Final design, Tender documents, Contract Documents



## Roads & Highways



Roads & Highways | Bridges & Tunnels | Maintenance | Rehabilitation | Project & Construction Management | Construction Supervision



### Construction of Dubai – Fujairah Freeway

Location: Dubai, UAE  
Cost: AED 1.7 Billion  
Services: Construction Supervision & PM



### Consultancy Services for the Construction of El-Ferdan Bridge

Location: Ismailia, Egypt  
Cost: USD 97 Million  
Services: Design Review, Construction Supervision



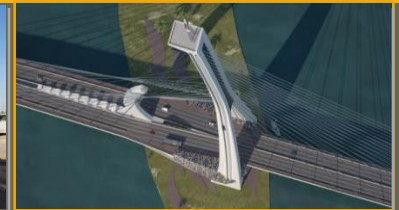
### Highway A72, Chemnitz - Bavarian Border

Location: Sachsen, Germany  
Cost: AED 3.4 Billion  
Services: Traffic studies and examinations, Survey, earthworks.



### Construction of Mafraq- Ghweifat Highway

Location: Abu Dhabi, UAE  
Cost: AED 1.2 Billion  
Services: Redesign Works Construction supervision



### Al-Graia'at Bridge, Baghdad, Iraq

Location: Baghdad, Iraq  
Cost: AED 1.5 Billion  
Services: Detailed Engineering Design, Construction Supervision





# Project & Construction Management



## Project Management | Construction Management & Supervision



### General Head Quarter of Abu Dhabi Police

Location: Abu Dhabi (UAE)  
Cost: AED 8.4 Billion  
Services: Design & Design Review, Project Management Cost Consultancy, Construction Management



### Development Sewerage Networks, Al Reem, Al Saadiyat Islands & Al Raha Beach

Location: Abu Dhabi (UAE)  
Cost: AED 5.8 Billion  
Services: Design & Design Review, Project Management Cost Consultancy, Construction Management



### Construction Management, Supervision & Consultancy Service Contract for Al Ghadeer Phase I

Location: Abu Dhabi Emirate (UAE)  
Cost: AED 1.5 Billion  
Services: Project Management, Design & Design Review, Construction Management & Supervision



### Lusail Development, Qatar

Location: Qatar  
Cost: QR 165.5 Billion  
Services: Construction Management, Design Review, Construction Supervision Consultancy, Monitoring Progress and Quality on site, Review and Approval of Submissions



## Urban Design & Infrastructure



Urban Design | Infrastructure | Project & Construction Management | Construction Supervision



### Residential Development Al-Yahar & Al Salamat

Location: Al Ain (UAE)  
Cost: AED 3.1 Billion  
Services: Master Plan, Infrastructure for 710h, 2,280 Villas, Cost Consultancy & CM.



### Detailed Design Services for Master Plan and Infrastructure for Ghantoot Hotel and Resort

Location: Abu Dhabi (UAE)  
Cost: AED 2 Billion  
Services: Mixed-use development (hotel, resort and 776 villas)



### Residential Development Neima

Location: Al Ain (UAE)  
Cost: AED 1.7 Billion  
Services: Master Plan, Infrastructure for 380 hectares, 1230 Residential Villas



### Residential Development Al Wathba

Location: Al Ain (UAE)  
Cost: AED 25 Billion  
Services: Master Plan, Urban, Design and Infrastructure, for 3900 hectares 8500, Residential Villas



### Emirati Homes Al Ain, UAE

Location: Jebel Hafeet (UAE)  
Cost: AED 5.4 Billion  
Services: Master Planning and full Designs. Project require "Green Building" designs according to ESTIDAMA and LEED (3,000 villas)





# Architecture & Building Construction



Architecture | Building Construction | High Rise Buildings | Construction Supervision



**4 Floor, Culture Centre, Abu Dhabi, UAE**

**Location:** Al Reem, Abu Dhabi, UAE  
**Services:** Architecture Design, Structural and MEP Design, Time & Cost control, Tender Documents, Tendering, Construction Supervision



**Al Nakheel Office Tower, Al Reem Island, Abu Dhabi**

**Location:** Abu Dhabi (UAE)  
**Cost:** AED 170 Million  
**Services:** Podium (4 Floors) Tower 23 Floors



**Sheikh Zayed Bin Sultan Al Nahyan Great Mosque**

**Location:** Abu Dhabi (UAE)  
**Services:** Design of seven (7) gates, of the Sheikh Zayed Bin Sultan Al Nahyan Great Mosque and three (3km) long boundary wall.



**Al Hili Residential Complex (H100+H200)**

**Location:** Al-Ain (UAE)  
**Cost:** AED 1.5 Billion  
**Services:** construction of multi-storey residential buildings, in an area of approximately 12,561 sqm. floor print area.



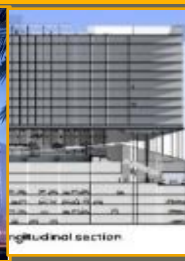
**ASAS Marina Towers, Lusail**

**Location:** Lusail City, Doha, Qatar  
**Services:** 3 Residential Tower with 1 Podium and Retail

## Architecture: Hospitality



Architecture | Building Construction | High Rise Buildings | Construction Supervision



### Bin Yousef Hotel Tower

Location: Dubai, UAE  
 Cost: AED 1.2 Billion  
 Scope: 56 Floors, 400 keys fivestar hotel (Hilton), 200 apartments, offices, residential apartments.



Project Services:

- Design & Const. Supervision

### 5 Stars Hotel in Al Barsha - Dubai

Location: Al Barsha 1 – Dubai, UAE  
 Cost: AED 320 Million  
 Scope: 3B + G + 3 Podium + 13 Floors  
 270 Keys Five Stars Hotel

Project Services:

- Design & Construction Supervision
- Project Management

Project Period: 2016 - 2019

### 4 Stars Hotel in Al Barsha - Dubai

Location: Al Barsha 2 – Dubai, UAE  
 Cost: AED 300 Million  
 Scope: 4B + G + 3 Podium + 10 Floors  
 320 Keys Four Stars Hotel

Project Services:

- Design & Const. Supervision
- Project Management

### Private House Project, Qatar

Client & Financing: PEO  
 Location: Qatar  
 Construction Costs: QR 479.2 Million  
 Project Period: 7/2014 – 12/2015  
 Project Services:

- Construction Management
- Site Supervision



# Airports



**Landside / Airside | Design | Project Management | Construction Supervision**



## Military Air Bases

Location: Gulf Area  
Cost: Confidential  
Services: Design, PM/CM & Construction Supervision



## Berlin Brandenburg Int'l Airport (BBI), General Planner Airside

Location: Berlin , Germany  
Cost: AED 1.8 Billion  
Services: Design, Project Management



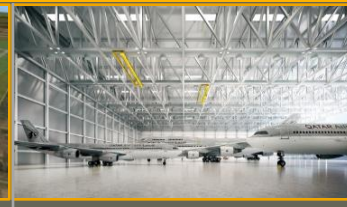
## New Bangkok Int'l Airport.

Location: Thailand  
Cost: AED 4.6 Billion  
Services: Design, Project Management



## Bangalore Int'l Airport, Greenfield Airport

Location: India, Bangalore  
Cost: AED 850 Million  
Services: Design, Project Management



## Al Amiri Flight

Location: Doha, Qatar  
Cost: QR 1.1 Billion  
Services: Project, Design Management Const Management



## Infrastructure & Utilities



Power Network | Sewerage and STP | Water Supply | Irrigation | Storm Water | Street Lighting | Fire Fighting | Mechanical / Electrical Works | Gas | District Cooling | IT & Security



Construction of Sewerage Connection and Related Works for Isolate Properties in Abu Dhabi Island and Main Land – Phase 1

Location: Abu Dhabi (UAE)  
Cost: AED 369 Million  
Services: Concept and detailed design, tender documents/evaluation, Construction supervision



Construction Works Associated with Rehabilitation & Replacement of Existing VC Sewerlines in Abu Dhabi Island and Mussafah Industrial Area

Location: Abu Dhabi (UAE)  
Cost: AED 600 Million  
Services: Concept and detailed design, tender document/evaluation, construction supervision



Development & Upgrade of Sewerage Treatment Plant & Recycled Water Transmission Main to Liwa City – Western Region & Connection of Remote Areas to the Existing Network

Location: Abu Dhabi (UAE)  
Cost: AED 75 Million  
Services: Preliminary & Detailed design, tender document/evaluation, construction supervision



Construction of an integrated Sewerage System for Bidaa Mutawaa City and Upgrading of Existing Sewerage Treatment Plant at Al-Mirfa City at Western Region

Location: Abu Dhabi (UAE)  
Cost: AED 84 Million  
Services: Preliminary & Detailed design, tender document/evaluation, construction supervision



Sewerage & Storm water for Khalifa Town "A" Contracts No. 414A, 415A, 416A, 417, 418, 418M, 440/1 and 440/2

Location: Abu Dhabi (UAE)  
Cost: AED 380 Million  
Services: Preliminary & Detailed design, tender document/evaluation, construction supervision



## Industrial Engineering



Industrial Engineering | Factory /Fuel Depot | Project & Construction Management | Construction Supervision



PVD Salt Factory, Musaffah-Abu Dhabi

Location: Abu Dhabi (UAE)  
Services: Construction of a PVD salt factory and sea water intake, engineering design for water system incl. all electrical works, civil and structural design, project supervision



Fuel Depot & System for Naval Basis in Fujairah

Location: Fujairah (UAE)  
Services: Full Design Services for Fuel Depot and Network System Topographical & Geotechnical Surveys, Schematic Design Stage, Design Development Stage, Construction Documents & Tendering, Tender Evaluation & Assistance in Contract's



Detailed Design & Construction Supervision of Qatar Economic Zone 1 (QEZ 1), Qatar

Location: Doha (Qatar)  
Services: Master Planning, Preliminary Engineering, Infrastructure Design, Architectural Design, Design Review for Design and Build Packages, Construction Supervision





# Landscape



Residential | Interchanges | Parks | Mosques | Urban Spaces | Palaces | Beaches



## CPC Landscape

Location: Abu Dhabi, UAE

Cost: AED 47 Million

Services: Concept, Detailed and Construction Supervision



## Baniyas Park

Location: Baniyas, UAE

Cost: AED 118 Million

Services: Detail Design



## E19 Park

Location: Abu Dhabi, UAE

Cost: AED 100 Million

Services: Under Construction



## Abu Al Abyad Palace

Location: Abu Al Abyad, UAE

Cost: AED 200 Million

Services: Concept Design



## O&M, Asset Management, Facility Management



Assets Management | Assets Survey | Construction Supervision



Operations and Maintenance of landscape, irrigation, storm water and associated infrastructure in Abu Dhabi

Cost: AED 528 Million  
Location: Abu Dhabi (UAE)  
Services: Operation and maintenance of forest and public landscaped areas including soft and hard landscape, irrigation and storm water systems.



Facilities Management Consultancy Services at Ruwais City

Location: Ruwais (UAE)  
Services: Advisory services related to planning and strategic aspects of FM. Developing a FM framework and Manual.



Operations and Maintenance of irrigation, landscape, sub soil network and infrastructure in Al-Khatim

Cost: AED 387 Million  
Location: Abu Dhabi (UAE)  
Services: Operation and maintenance of forest and public landscaped areas including soft and hard landscape, irrigation and storm water systems.



Operations and Maintenance of landscape, irrigation, infrastructure and forests in Western Region

Cost: AED 446 Million  
Location: Abu Dhabi (UAE)  
Services: Operation and maintenance of forest and public landscaped areas including soft and hard landscape, irrigation and storm water systems.



## Healthcare



**Design | Project Management | Construction Supervision**



### Hospitals and Infrastructure for Earthquake Recovery Projects

**Location:** Turkey  
**Cost:** € 286 million  
**Services:** Checking design, technical specifications and BOQ. Time, cost and quality control. Facility management & documentation, Construction supervision



### Wagner-Jauregg State Psychiatric Hospital

**Location:** Linz, Austria  
**Cost:** € 215 million  
**Services:** Planning. Construction supervision in respect of sanitary installation. Heating, ventilation, electrical engineering and conveying systems.



### Extension of King Khalid Hospital in Al Kharj, Saudi Arabia

**Location:** Al Kharj, Saudi Arabia  
**Cost:** € 15.0 million  
**Services:** Functional design. Preliminary design

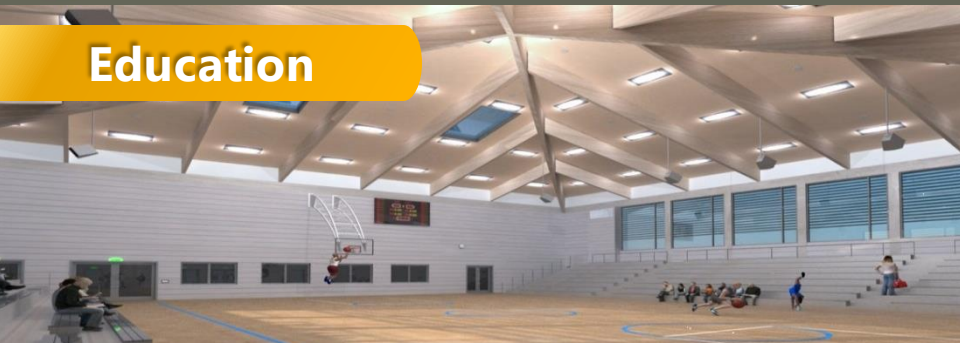


### New Clinics in Habshan, UAE

**Location:** Habshan, UAE  
**Cost:** AED 504 million  
**Services:** Infra, MEP, Project Planning Architecture, Construction Supervision, PMC Related Activities



## Education



**Design | Project Management | Construction Supervision**



Design & Site supervision consultancy services in relation to the construction of 6 schools as part of Abu Dhabi future Schools - Phase 5

Client: Musanada, Abu Dhabi Education Council

Location: Abu Dhabi, UAE

Cost: AED 1.2 billion



New American Middle School for 325 Students, Spangdahlem  
New American High School for 300 Students, Spangdahlem

Client: Schenkel Shultz Architects  
Orlando, FL USA

Location: Germany

Cost: € 65 million

- Floor area: c. 22,000 m<sup>2</sup>
- Gross volume: c. 90,000 m<sup>3</sup>



New American High School for 850 Students, Kaiserslautern-Vogelweh  
Client: Landesbetrieb Liegenschafts-und Baubetreuung (LBB), Kaiserslautern  
Location: Germany  
Cost: € 52 million

- Floor area: c. 21,000 m<sup>2</sup>
- Building area: c. 11,150 m<sup>2</sup>
- Gross volume: c. 125,000 m<sup>3</sup>



New American High School for 850 Students, Kaiserslautern-Vogelweh II  
Client: Landesbetrieb Liegenschafts-und Baubetreuung (LBB), Kaiserslautern  
Location: Germany  
Cost: € 50 million

- Floor area: c. 17.150 m<sup>2</sup>
- Building area: c. 10.000 m<sup>2</sup>
- Gross volume: c. 102.700 m<sup>3</sup>





Oil & Gas



Oil & Gas | Infrastructure | Project & Construction Management | Construction Supervision



Ruwais Project

Location: Abu Dhabi (UAE)  
Cost: AED 3.7 Billion  
Services: Feasibility Study and Detailed Design for Reinstating and rehabilitation of all commercial building, mosques and schools.



SARB Field Development Project – SARB ISLANDS – ABU DHABI

Location: Sarb Island (UAE)  
Cost: AED 1.5 Billion  
Services: Zirku Island Early Site Preparation, Jetty & Seawater Intake, Accommodation Complex and Administration Building. Drillers Camp & Associated Utilities-Engg, Procurement &



ADNOC Callout project management consultancy services for the construction of project (Agree no. EPD-CA12002B)

Location: Abu Dhabi (UAE)  
Cost: AED 300 Million  
Services: Project Management Consultancy of fuel stations, pipelines and tanks





# Marine



Marine Engineering | Infrastructure for Shores | Project & Construction Management | Construction Supervision



Marine Infrastructure for Coast Guards Port in Mina Zayed, Abu Dhabi

Location: UAE

Services: Master Planning, Port Planning, Marine Works, Transportation Planning, Infrastructure, Port Facilities Design and Construction Supervision



Si Chang Thong Marine Terminal and Tank Farm

Location: Thailand

Services: Port planning, navigation channel, offshore reclamation, 6 berths, 14 tanks 500,000 m<sup>3</sup> each



Doha Military Naval Base

Location: Qatar

Services: Rehabilitation of Marine Works and structures, Transportation Planning, Infrastructure, Port Facilities Design and Construction Supervision



Naval Base

Location: Gulf Area

Services: Bathymetric Survey, Geotechnical, Wave Modeling, Port Planning, Infrastructure, Port Facilities Design and Construction Management



8 Ports, Ras Al Khaimah (Government Authority)

Location: Gulf Area

Services: Design, Project Management, Construction Supervision  
Const. Cost: AED 228 Million



# Selected Projects



<b>New Rosetta City</b>	<b>Egypt</b>
<b>ITS Public Transportation, Riyadh</b>	<b>KSA</b>
<b>Al Ghadeer Housing Project, Abu Dhabi</b>	<b>UAE</b>
<b>Abu Dhabi Police Projects</b>	<b>UAE</b>
<b>Main Gate Complex (MGC)</b>	<b>UAE</b>
<b>Jebel Hafeet Emirati Housing Project, Al Ain</b>	<b>UAE</b>
<b>Manazel Al Reef</b>	<b>UAE</b>
<b>Housing Projects</b>	<b>UA</b>
<b>Dubai–Fujairah Freeway</b>	<b>UAE</b>
<b>Al Graia'at Bridge, Baghdad</b>	<b>Iraq</b>
<b>Ghantoot Hotel and Resort</b>	<b>UAE</b>
<b>Etihad Cargo</b>	<b>UAE</b>
<b>4 Stars Hotel</b>	<b>UAE</b>
<b>Jeddah Airport City</b>	<b>KSA</b>
<b>Lusail City Development</b>	<b>Qatar</b>
<b>Al Amiri Flight</b>	<b>Qatar</b>
<b>Qatar Economic Zone (QEZ 1)</b>	<b>Qatar</b>
<b>ASAS Marina Tower</b>	<b>Qatar</b>



# Rosetta City

Rasheed, Egypt







 **New Rosetta City, Rasheed, Egypt**



## New Rosetta City

Client: **Ministry of Housing, Utilities & Urban Communities**

Location: Rasheed, Egypt

Project Area: 3100 Feddans (13 km<sup>2</sup>)

Project Period: 2019 – 2020

Project Services:

- Detailed Master Plan
- Infrastructure design for phase-1







# ITS Public Transportation

Riyadh, KSA





***A sustainable public transportation system is aiming reducing automobile dependence and implementing comprehensive multi-modal Public Transport System***



النقل العام بمدينة الرياض  
Riyadh Public Transportation 

**Client:** Arriyadh Development Authority (ADA)  
on behalf of The High Commission for  
the Development of Arriyadh

**Location:** ArRiyadh, KSA

**Duration:** 2015-2020

**Project Services:**

- Project management and supervision services
- Design and coordination of the telecommunication tasks,
- Guidance and contribution in TCC and CCTV
- Development and the implementation of the Journey Planner



## Information Technology Systems (ITS) Implementation



- ITS, a combination of systems in which information and communication technologies are applied in the field of road transport, including infrastructure, vehicles and users, and in traffic management and mobility management, as well as for interfaces with other modes of transport.
- Providing modern, fast and comfortable travel to the citizens of Riyadh, by implementing seamless communications within the complex system of systems, characterized by user friendliness and customer focus.

### **ITS is comprising of:**

- Automatic Vehicle Management (AVM),
- Automatic Fare Collection (AFC)
- Real Time Passenger Information (RTPI)
- Journey Planner ( JP)
- Transport Control Centre (TCC)

*Recently Ar Riyadh Development Authority requested Dorsch Gruppe to submit its proposal to extend the scope of project management services for Telecommunication Infrastructure to support :*

- *Riyadh Operations Center (ROC)*
- *Advanced Traffic Control (ATC)*

# SMART CITIES



# Al Ghadeer Housing Development

UAE













***A 75 Hectare mixed use development capturing populations with outstanding architecture and convenient location***



<b>Client:</b>	Sorouh
<b>Location:</b>	Abu Dhabi, UAE
<b>Construction Cost:</b>	AED 1.2 Billion
<b>Project Period:</b>	2010 - 2012
<b>Project Description:</b>	Villas, Townhouses, Terrace Apartments, Clubhouse, Mosque
 <b>No of Units:</b>	2130

**Project Services:**

- Project Management,
- Construction Management,
- Design Management & Review,
- Construction Supervision



## Al Ghadeer Development





## Al Ghadeer Development





## Al Ghadeer Development










# Abu Dhabi Police Projects General Head Quarters – GHQ

Abu Dhabi, UAE



-  Project Management
-  Design Management
-  Construction Management



## Abu Dhabi Police Projects

Client & Financing: **GHQ Abu Dhabi Police, Abu Dhabi**

Location: Abu Dhabi Emirate

Construction Cost: AED 8,400,000,000.00 (154 Projects)

Project Period: 2008 – 2010

### Project Services:

- Design & Design Review
- Project Management during all stages
- Cost Consultancy
- Construction Management

### Projects handled, inter alia:

- Police Stations
- Hotels
- Villa Compounds
- Institutes, Colleges, Schools
- Hospitals



Construction of a Civil Defense Center in Hameem

Construction of a Civil Defense Center in Omm Al Huson

Fire Fighting Station Al Silai

Fire Fighting Station and Civil Defense Center of Madinat Zayed in the Western Region

Civil Defense Center of Sir Baniyas

Reconstruction of Tareef Civil Defense Center

Reconstruction of Dalma Civil Defense Center

Police Officers Club Hotel at Abu Dhabi

Government & Diplomatic Establishment Protection Department Building at Abu Dhabi

Buildings of the Police - Dog Section at Abu Dhabi

Buildings of the Police - Dog Section at Abu Dhabi

Research and Security Studies Center

Reformatory & Penal Buildings at Al-wathba in Abu Dhabi

Development Project of the Buildings & Maintenance Works of Al Wathba Prison

Development Project of the Buildings & Maintenance Works of Al Wathba Prison (New Buildings)

Development Project of the Buildings & Maintenance Works of Al Wathba Prison (Security System)

Development Project of the Buildings & Maintenance Works of Al Wathba Prison (Maintenance)

Residential Buildings for Policemen at Bani Yaas, Musasafahm, Khalifa

Residential Buildings - for Police at bani Yas- East

Residential Buildings - for Police at bani Yas- West

Residential Buildings - for Police at Musasafah

Residential Buildings - for Police at Khalifa







#### Abu Dhabi Police GHQ Extension Buildings

Police GHQ Buildings at Abu Dhabi City: Security Information Department, Community Policing Department, Central Computer and Security System Building, Private Security companies division

#### Capital Police Club and Restaurant at Abu Dhabi

Social Support Centre Building at Abu Dhabi

#### Building for Ambulance and Rescue/ ABU DHABI

Al-Shabeia Police Section Building

AL-Medina Police Station Building

Al-Manasser Police Station Building

Building of the Project Engineering and Department

Licensing and Information Technology Building

Private Security Force Buildings at Abu Dhabi

Police Officers' Villas Abu Dhabi & Musaffah

Police Officers' Villas Abu Dhabi & Musaffah / 1st Stage

Police Officers' Villas Abu Dhabi & Musaffah / 2nd Stage

Police School & Traffic Institute at Abu Dhabi

Police Traffic Institute

Police School

Buildings of Civil Defence General Administration

Buildings of Police College Administration

Naturalization and Residence at Abu Dhabi (First stage)

Buildings of Transport and Works department / Abu Dhabi (Phase one)

Construction and Maintenance of Civil Defense Stations Buildings at Abu Dhabi (4)



- Civil Defense Center in Al-Saad
- Civil Defense Center in Swihan
- Civil Defense Center in Al-Heer
- Civil Defense Center in Al-Kazna
- Buildings for Sports Activities at Al Ain City
- Additional works for Al-Moroor Branch of Al-Khazna Police station
- New Buildings Projects at Traffic & Licences Section at Al-Ain - Hazza
- AL Saad Police Station
- Al Maqam Police Station
- AL Madina Police Station
- AL Jeemi Police Station
- AL Sinayea Police Station
- Police Station in Khatm Al Shakla
- Ideal School for Policew
- Al Ain Police Administration Buildings
- Residential Villas for Police Officers, Second Stage
- Traffic and Patrol station at Tarrif
- Tarif Police Building in Western Region
- Khanour Police Centre
- Improvement of Ghaifat police centre
- Ba'ya Al Sila Police Station
- Ghayathy Police Station
- Al-Ruwais Police Station
- Al-Mozeria Police Station



**Civil Defense Center of Sir Baniyas**



**Police Officers Club Hotel at Abu Dhabi**



**Research & Security Studies Center**



**Government & Diplomatic Establishment  
Protection Department Building at Abu Dhabi**



**Building of the Police – Dog Section at  
Abu Dhabi**



**Residential Buildings – for Police at Khalifa**





**Residential Buildings – for Police at Musaffah**



**Abu Dhabi Police GHQ Extension Buildings**



**Police GHQ Building at Abu Dhabi City**



**Building for Ambulance and Rescue – Abu Dhabi**



**Social Support Center Building at Abu Dhabi**



**Al Shabeia Police Station Building – Abu Dhabi**



**Al Medina Police Station Building – Abu Dhabi**



**Al Manasser Police Station Building – Abu Dhabi**



**Private Security Force Buildings at Abu Dhabi**



**Building of the Project Engineering and Department**



**Licensing and Information Technology Building**



**Police School & Traffic Institute at Abu Dhabi**





**Al Ain Police Administration Buildings**



**Buildings of Transport and Works  
Department / Abu Dhabi (Phase one)**



**Civil Defense Center in Al - Heer**



**Police Traffic Institute at Abu Dhabi**



**Buildings for Sports Activities at Al Ain City**



**Al Jeemi Police Station**







# Jebel Hafeet Emirati Housing Development

Al Ain, UAE





***A distinctive and environmental friendly living experience  
accredited by ESTIDAMA as a green city on the foothill  
of Jebel Hafeet mountain.***



**Client:** Abu Dhabi Urban Planning Council under responsibility of the Abu Dhabi developer Tamouh

**Location:** Jebel Hafeet, Al Ain, UAE

**Construction Cost:** AED 5.4 Billion

**No of Villas:** 3000

**Project Services:**

- Master Planning,
- Full Designs on Architecture,
- MEP, Structural,
- Roads,
- Infrastructure.
- Project require "Green Building" designs according to ESTIDAMA and LEED.



## Site Photos





# Manazel Al Reef

UAE





## Manazel Al Reef

Client: Manazel Real Estate PJSC

Location: Abu Dhabi, UAE

Scope:

Design & construction of 860 Villas (2bedroom & three bedroom), four (4) community centre / facilities, convenience retail and all associated Infrastructure Works.

Project Value: AED 800 Million

Project Duration: 2/2015 – 10/2018

Design: 6 Months

Construction: 30 Months

### Project Services:

- Design Review
- Data Collection and study
- Tender documents, tendering and tender evaluation
- Construction supervision and project management
- Contract close out, final account











# Housing Projects

UAE







## Al Yahar Residential Development

Client & Financing: Urban Development Committee,  
Abu Dhabi

Location: Al Salamat, Al Ain / UAE

Scope: Master Plan, Infrastructure for 380  
hectares, 1230 Residential Villas

Construction Cost: AED 1.7 Billion

Project Period: 2006 - 2011

### Project Services:

- Master Planning
- Urban Design
- Infrastructure Design
- Time & Cost control
- Tender Documents, Tendering and assistance in contract award
- Construction Supervision
- Project Management



## Al Salamat Residential Development

Client & Financing:	Urban Development Committee Abu Dhabi
Location:	Al Yahar, Al Ain / UAE
Scope:	Master Plan, Infrastructure for 330 hectares, 1050 Residential Villas
Construction Cost:	AED 1.4 Billion
Project Period:	2006 - 2010

### Project Services:

- Master Planning
- Urban Design
- Infrastructure Design
- Time & Cost control
- Tender Documents, Tendering and Assistance in contract award
- Construction Supervision
- Project Management



## Al Wathba Residential Development

Client & Financing:	Urban Development Committee, Abu Dhabi
Location:	Al Wathba, Abu Dhabi, UAE
Scope:	Master Plan, Urban Design and Infrastructure for 3900 hectares, 8500 Residential Villas
Construction Cost:	AED 25 Billion (estim.)
Project Period:	2008 - 2012

### Project Services:

- Master Planning
- Urban Design
- Infrastructure Design
- Time & Cost control
- Tender Documents, Tendering, assistance in contract award
- Construction Supervision (expected)
- Project Management





## Residential Development Neima

Client & Financing: Urban Development Committee,

Abu Dhabi

Location: Naima, Al Ain / UAE

Scope: Master Plan, Infrastructure for 300 hectares, 1300 Residential Villas

Construction Cost: AED 1.7 Billion

Project Period: 2006 - 2009

### Project Services:

- Master Planning
- Urban Design
- Infrastructure Design
- Time & Cost control
- Tender Documents, Tendering and assistance in contract award
- Construction Supervision
- Project Management



## Al Hili Residential Development

Client & Financing:	Ministry of Public Works, Abu Dhabi
Location:	Al Ain, UAE
Scope:	Masterplan, Design and Supervision of 95 seven storey residential buildings with 1456 apartments and related infrastructure
Construction Cost:	AED 900 Million
Project Period:	2006 - 2009

### Project Services:

- Study and data collection
- Master Planning
- Concept and detailed design
- Tender documents, tendering and tender evaluation
- Construction Supervision
- Project and Construction Management



## Ghenaima East Emirati Housing Project, UAE

Client:	MUSANADA
Developer:	ALDAR
Location:	Al Ain, UAE
Project Cost (infrastructure):	AED 155,000,000
Site Area:	600,000 m <sup>2</sup>
Residential Units:	275
Design:	May 2014 – March 2015
Construction:	Q2 2015 – Q2 2017

### Project Services:

- Assessment of previous Master Plan.
- Concept and Detailed Master Plan.
- Concept and Detailed Infrastructure Plans.
- Approvals from authorities.
- Tender documentation.
- Project management, coordination.
- Construction Supervision.





## 760 Emirati villas with public facilities and infrastructure in Al Samha, Al Saad, Sweihan

**Location:** Al Samha, Al Saad, Sweihan (Abu Dhabi, UAE)

**Client:** Musanada

**The estimation cost:**

Al Samha: AED 840,981,250

Al Saad: AED 1,065,928,050

Sweihan: AED 686,240,700

**Duration:**

Design: 1 year / Construction: 18 months

**Project Services:**

- Assessment of previous Master Plan.
- Concept and Detailed Master Plan & Infrastructure Plans.
- Approvals from authorities.
- Tender documentation.
- Villas and Public Facilities Design







## Design Consultancy Services for Al Hayer Housing Development

**Location:** Al Ain, UAE

### Project Brief:

The project scope shall be delivered on 2 sites within Al Hayer region. Those 2 sites are identified as being (Area 1) and (Area 2).

- The plot area of Area 1 approximately = 117 ha
- The plot area of Area 2 approximately = 363 ha
- 300 villas

**Construction Cost:** 800 Million AED

**Duration:** Six (6) months

**Project Services:** Design Villas, Master planning, infra, landscape & roads works



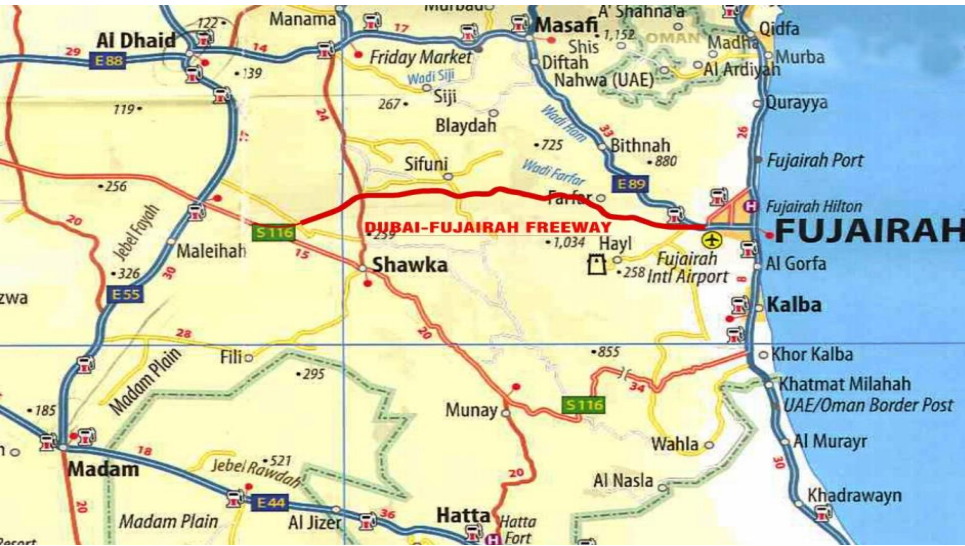




# Dubai - Fujairah Freeway

UAE





<b>Client:</b>	Ministry of Public Works
<b>Location:</b>	Fujairah-Sharjah, UAE
<b>Duration:</b>	2006-2012
<b>Construction Cost:</b>	AED 1.7 Billion
<b>Cut:</b>	17,000,000 m <sup>3</sup>
<b>Fill:</b>	18,000,000 m <sup>3</sup>

### Project Services:

- Design Review / Redesign
- Construction Supervision
- Construction of dual Carriageway road, 3 lanes  
Each side with inner and Outer paved shoulders,  
8 Bridges, 6 Underpasses, 17 Box Culverts & 39  
Pipe Culverts



## Dubai-Fujairah Highway



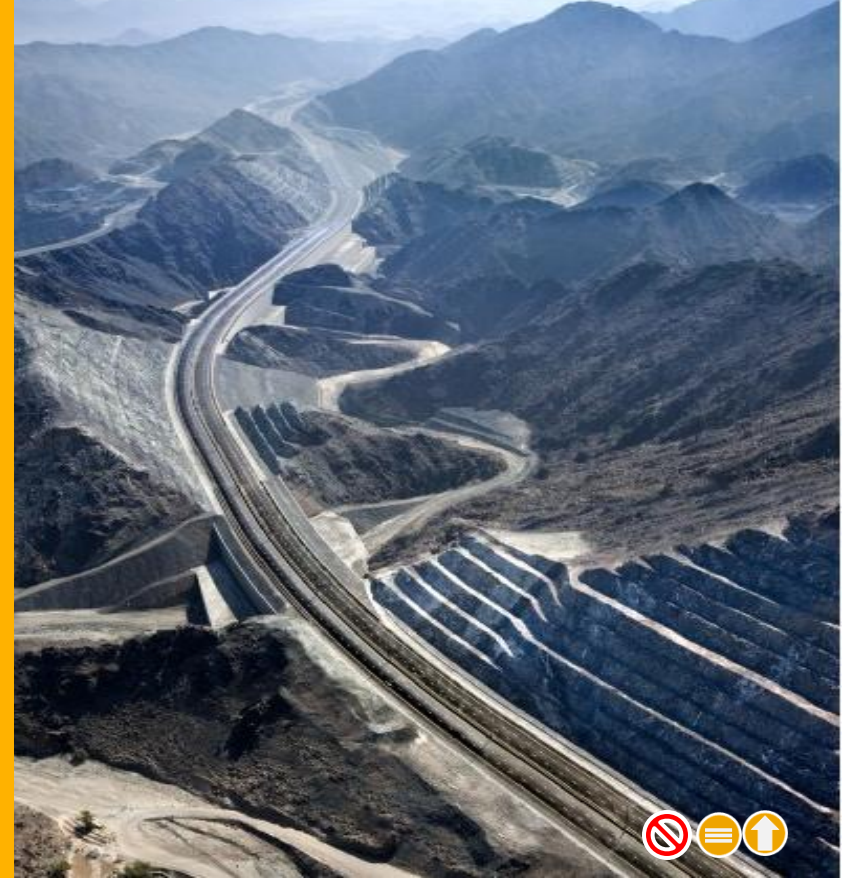


## Dubai-Fujairah Highway





## Dubai-Fujairah Highway Final Project



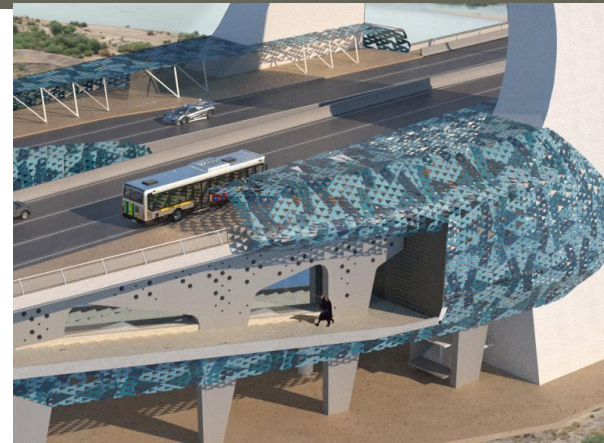




# Al Graia'at Bridge

Abu Dhabi, UAE





***A bridge which is crossing Tigris river at Al-Graia'at area that is located at Northern East of Baghdad City.***



Heritage Inspiration



Arabic letter '**LAM**'

**Client:** State Commission for Roads & Bridge,  
Ministry of Construction & Housing,  
Republic of Iraq.

**Location:** Baghdad, Iraq

**Total Length:** 2,330 m (550 m crossing Tigris River)

**Duration:** 2012 - 2017

**Project Services:**

- Detailed Engineering Design
- Preparation of Tender Documents
- Participation in Bids Evaluation & Award
- Technical Assistant during Construction Stage



## Location



- New modern Landmark in Baghdad reflecting on the wealth of civilization
- Connecting Al-Graia'at area in Al-Rusafa district in the East to Al-Kadhimiya area in Al-Karkh district in the West.
- Solidifying a futuristic vision of modern Iraq flowing over the river Tigris.
- Representing a mixture of creativity and reliability
- Introducing a recreational center located in isle at the base of the bridge to complement the spectacular structure.
- Comprising of shops, cafes& restaurants, cinema and a museum with panoramic views of the isle
- Promising visitors a unique experience enabling them to access a world class architecture with intricate details.

## The Bridge Initial Proposal



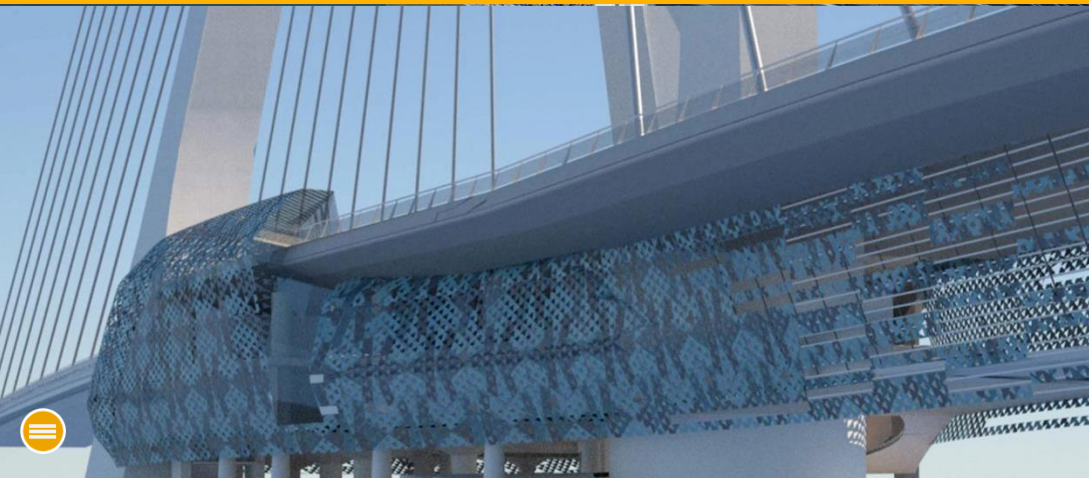
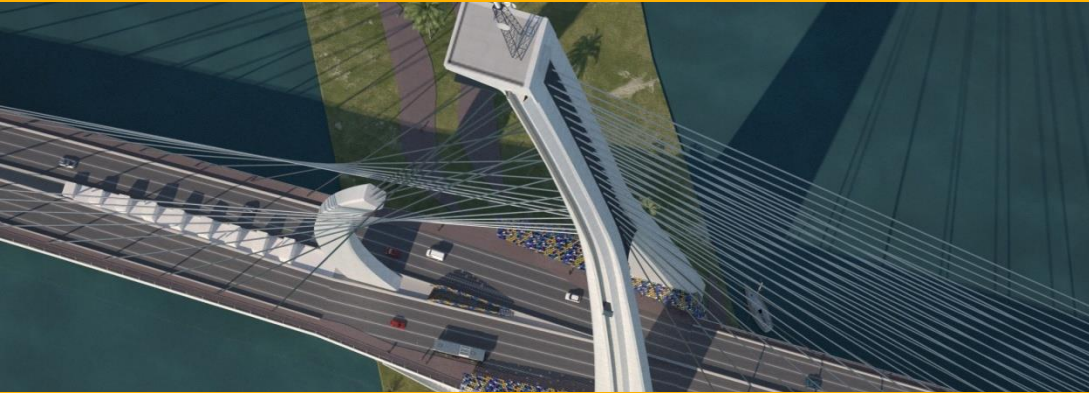


## The Bridge





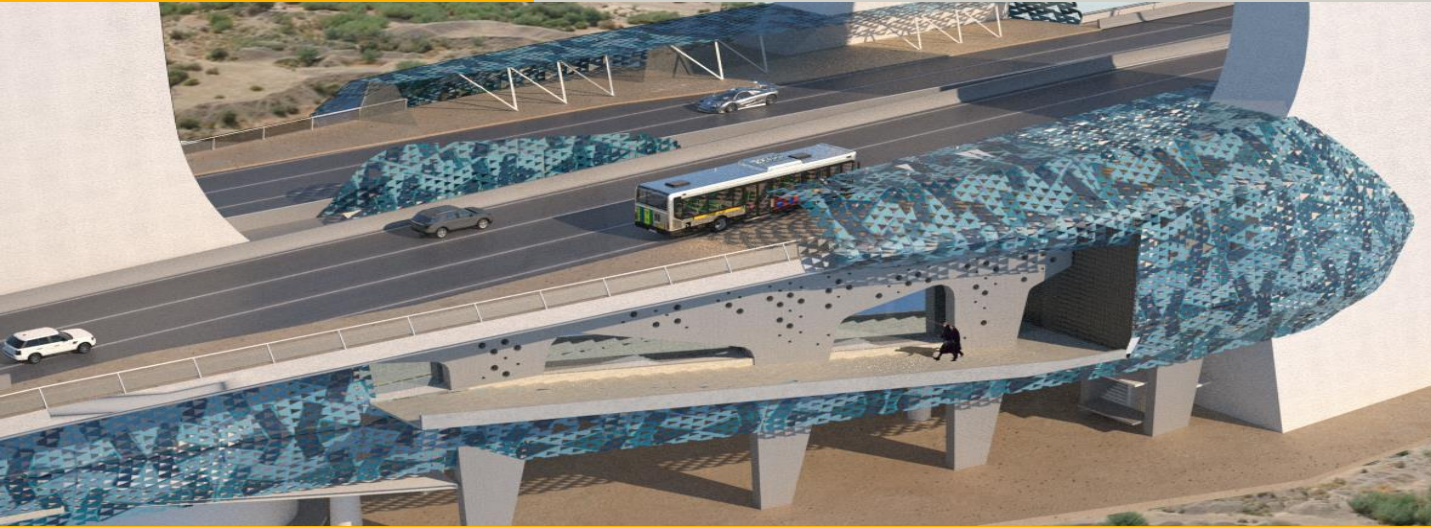
## The Bridge





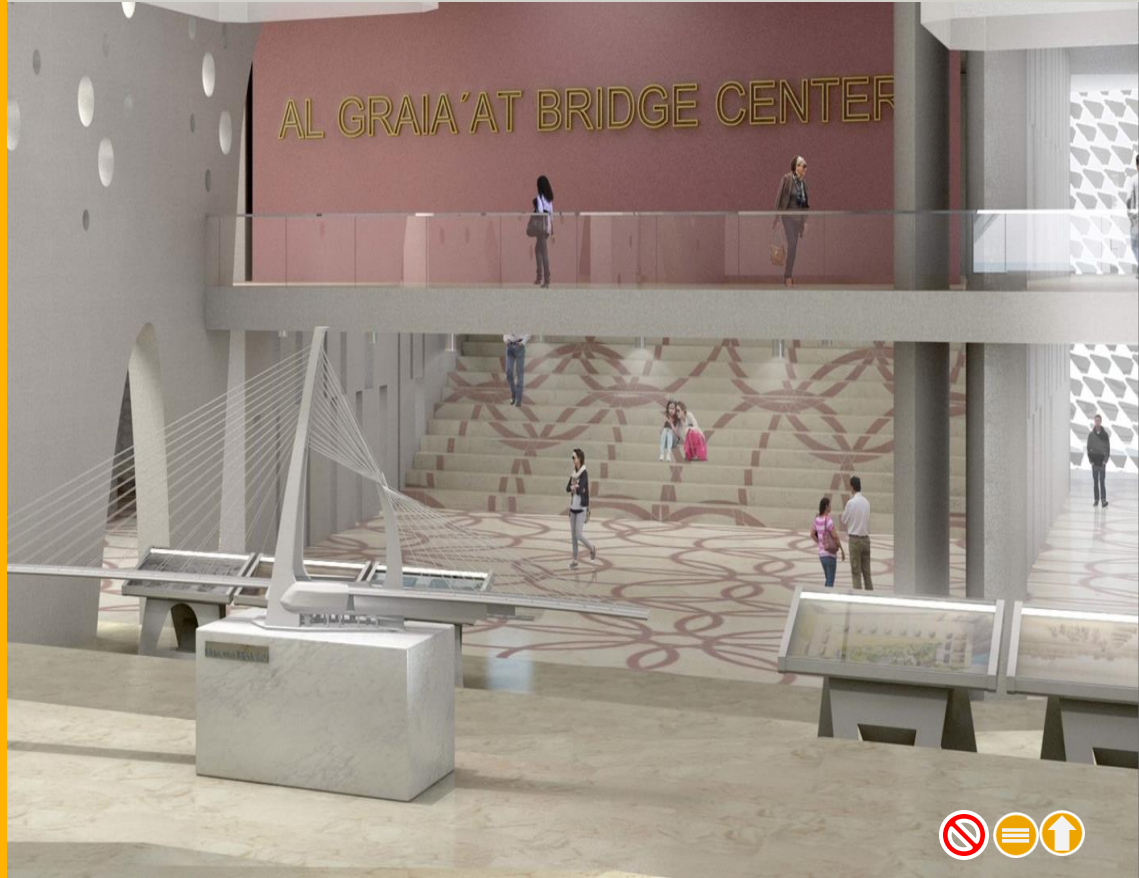
## Bridge Center

Shops, Restaurants, Museums, Cafes, Gallery, etc.



## Bridge Center

Shops, Restaurants, Museums, Cafes, Gallery, etc.







# Ghantoot Hotel & Resort

Abu Dhabi, UAE





## Detailed Design Services for Master Plan and Infrastructure for Ghantoot Hotel and Resort

**Location:** Abu Dhabi, UAE

### Project Brief:

Mixed-use development (hotel, resort and villas)

Hotel: ground + 4 floors

Resort: ground floor + 2 floors

Villas: Ground floor + 1 first floor

Commercial buildings: ground floor + 2 floors

Plot area: 138 ha

Total villa count: 776

**Construction Cost:** 2 Billion AED

**Duration:** Six (6) months

**Project Services:** Design Master planning, Marine & Infrastructure

















# Etihad New Cargo Terminal

Abu Dhabi, UAE





## **Etihad New Cargo Terminal, Abu Dhabi International Airport**

### **Material Handling System Consultancy**

Client:	Etihad Airway
Location:	Abu Dhabi, UAE
Construction Cost:	\$1Billion
Capacity:	2.8 Million Tonnes
Project Period:	2014 - 2017

### **Project Services:**

- Consulting Services for MHS with JV Partner
- Simulation
- Client Support during Construction
- Testing & Commissioning
- ORAT





# 4 Stars Hotel

Dubai, UAE



Main Shot







## 4 Stars Hotel in Al Barsha - Dubai

Client:

Cost: AED 300 Million

Scope: 4B + G + 3 Podium + 10 Floors  
320 Keys Four Stars Hotel

Location: Al Barsha 2 – Dubai, UAE

Project Period: 2016 - 2018

### Project Services:

- Design & Const. Supervision
- Project Management



# Jeddah Airport City

Jeddah, KSA





## Jeddah Airport City

Client & Financing: General Authority of Civil Aviation (GACA) / Under development by Fawaz Abdul Aziz Al Hokair Group

Location: Jeddah, KSA

Scope: Development of an aetropolis - a mega district (128.7 ha) that includes world-class commercial, logistics, residential and business parks socially oriented and anchored around Jeddah Airport

Construction Cost: AED 6.5 Billion

Project Period: 2016 - 2018

### Project Services:

- Urban Design
- Infrastructure Design
- Landscape
- Time & Cost control
- Project Management





# Lusail City Development

Doha, Qatar

# LUSAIL





***A futuristic project which will create a modern and ambitious society***

**Client:** Lusail Real Estate Development Company  
(on behalf of Qatari Diar)

**Project Value:** USD 45 Billion (total area of 35 km<sup>2</sup>)

**Duration:** 2012 – 2019

- Letter of Award (LoA) 21st March 2012 (effective from 10th April 2012). Contract signed on 1st July 2012
- Includes 34 Construction Packages

**Scope of Services:**

- Construction Supervision Consultancy;
- Monitoring Progress, Quality and HS&E on site;
- Monitoring Review and Approval of Submissions;
- Conducting Inspections and Testing;
- Handover, Completion & Maintenance Services.
- Design review





***A futuristic project which will create a modern and ambitious society***

### **Selected Construction Packages:**

- |          |   |         |                                  |
|----------|---|---------|----------------------------------|
| • CP1    | Infrastructure Marina District                | • CP7-B | Lusail Towers                    |
| • CP3-A2 | Marina Bridges (6 Bridges)                    | • CP7-C | Boulevard Commercial, Roads      |
| • CP3-A3 | Pedestrian Bridges                            | • CP 8  | Infrastructure- Qetifan Island   |
| • CP4    | Main Lusail Roads, Utilities and Interchanges | • CP10  | Landscaping                      |
| • CP5-B  | Roads   | • CP12  | Marine Works                     |
| • CP6-B  | Al Kharaej Tower and Waterfront Residential   | • CP14  | Entertainment Island Development |
| • CP6-C  | Utility Structures                            | • CP16  | Control Center                   |
| • CP7-A  | Waterfront Commercial                         | • CP 19 | Club House- Southern marina      |
|          |   | • CP 24 | 66KV Substations                 |













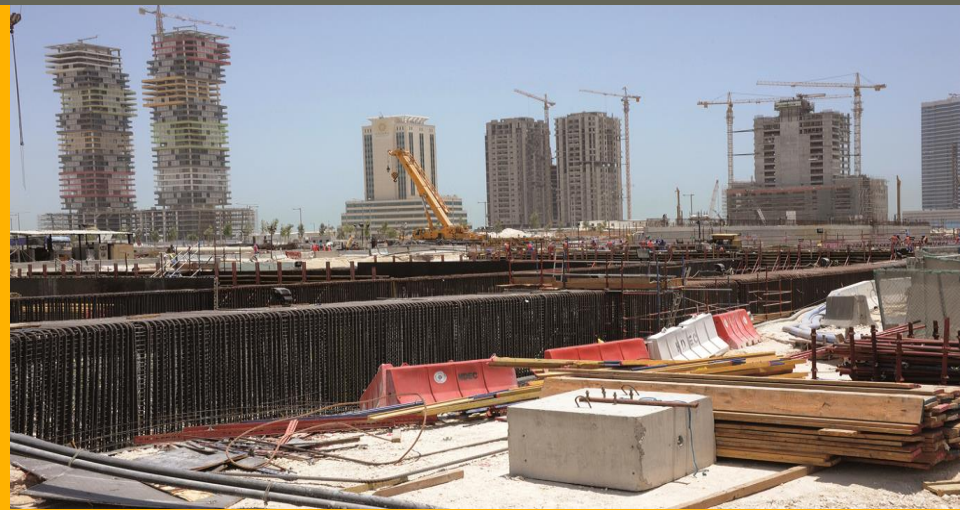






































# Al Amiri Flight Facilities

Doha, Qatar





*A prestigious role within a key project in Qatar's national development strategy*



<b>Client:</b>	New Doha International Airport (NDIA)
<b>Location:</b>	Doha, Qatar
<b>Total Area:</b>	55,400 sqm
<b>Duration:</b>	2013 – 2016
<b>Construction Cost:</b>	US\$ 300 million

**Project Services:**

- Project Management (during design and construction phase)
- Design Review
- Tender Documents, Tender Evaluation & Award
- Construction Management
- Cost Management



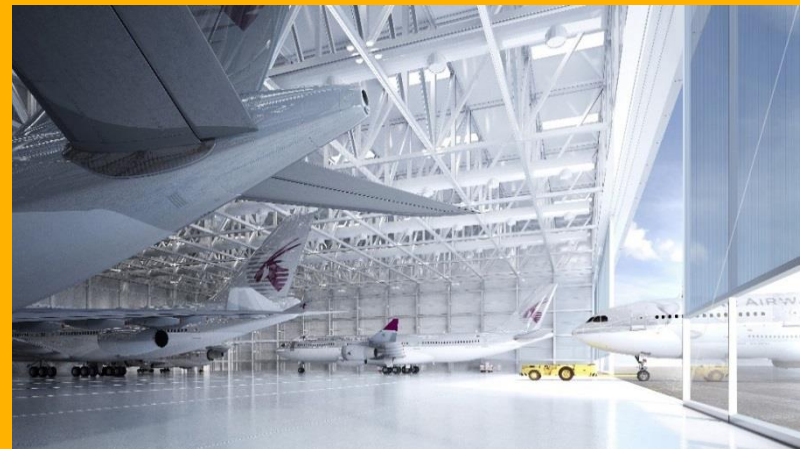
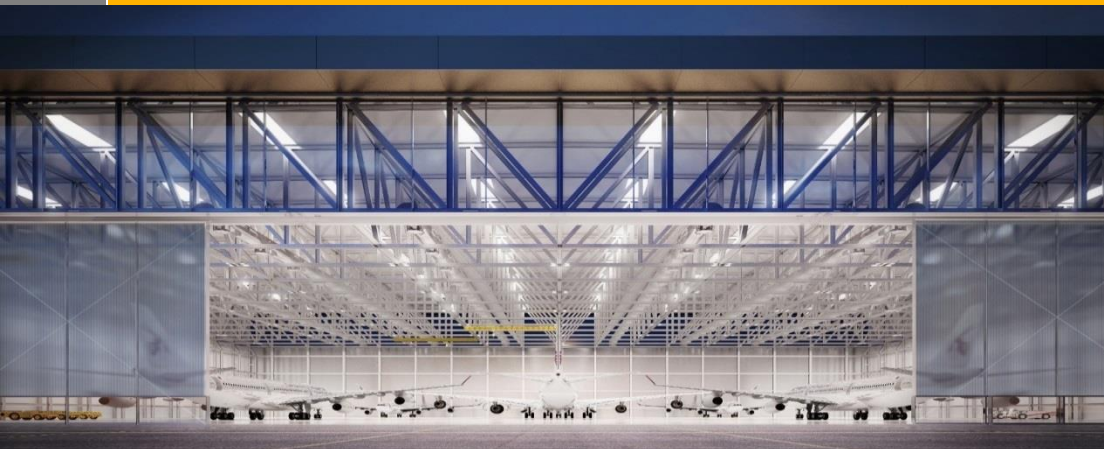
## Hangar



- NDIA is a key project in Qatar's national development strategy with three critical roles:
  - Qatar Getaway to the world,
  - hub for the prestigious airlines
  - Cargo & Aircraft Maintenance Centre
- Amiri Flight, operating exclusively to the Royal Family of the State of Qatar.
- The key elements of the project:
  - New Hangar
  - Workshops
  - Ground Support Equipment Maintenance
  - Logistics and Warehouse for Aircrafts
  - Cabin Equipment and Tools
  - Outside Facilities
  - Vehicle Parking



## Hangar





# **Qatar Economic Zone 1 (QEZ1)**

**Doha, Qatar**





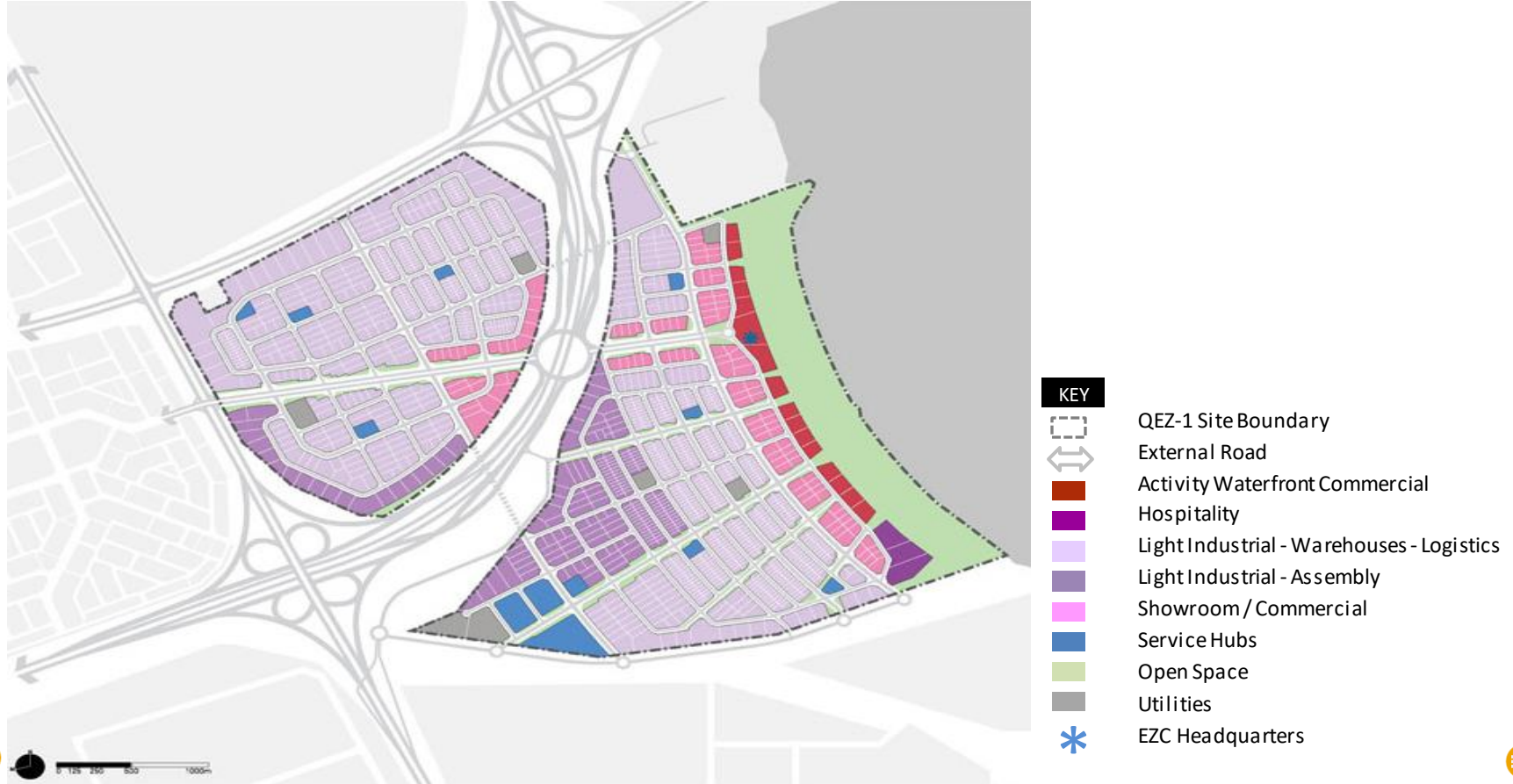
## Detailed Design & Construction Supervision of Qatar Economic Zone 1 (QEZ 1), Qatar

Client & Financing:	Qatar Economic Zone (Manateq)
Location:	Doha, Qatar
Construction Cost:	QR 3.5 Billion
Project Period:	March 2015 – January 2019

### Project Services:

- Master Planning
- Preliminary Engineering
- Infrastructure Design
- Architectural Design
- Design Review for Design and Build Packages
- Construction Supervision

## Qatar Economic Zone (QEZ1) Concept Master Plan / Landuse





# Scope of Services Per Discipline (1)

## A. DESIGN SERVICES

The Design Services include shall include the following disciplines:

### 1. Master Planning:

- Urban Design Guides,
- Plot Development Guidelines and Control Sheets,
- Architectural Guidelines, and
- Landscape Regulations.

### 2. Urban Elements:

- Public Area Lighting;
- Cycling Tracks;
- Urban and Street Furniture;
- Signage and way finding;
- Solid Waste collection and management elements;

### 3. Temporary Works and Facilities:

- Logistics plan for the sites;
- Traffic Management Plans for the sites;
- Contractor site offices locations and lay down areas;
- Access locations.

### 4. Civil & Road Works:

- Site Grading;
- Roads Pavement Design;
- Sidewalks and curbs;
- Roads Marking;
- Traffic Signals,
- Street lighting
- Traffic Signs;
- Beach front edge walls.

### 5. Wet Utilities:

- Storm Water drainage network, including all related structures, up to and including tie-in connections to the external public networks;
- Sewage drainage network;
- Potable Water Network;
- Irrigation Water Network;
- Fire Fighting Network;
- Gas Network;
- District Cooling Distribution Network;
- All Tie-In connections.

### 6. Electrical Works:

- MV and LV distribution network;
- Secondary Substations;
- Primary and Super substations (coordination only)

### 7. Low Current and Controls:

- Telecommunication networks;
- BMS, SCADA and Irrigation Management System;
- System Facility Controls;
- Security Systems, CCTV, Intrusion Monitoring.

### 8. Landscape:

- Hardscape,
- Planting,
- Street furniture including lighting, benches, public waste collection, signage, bus stops and shading areas

### 9. Waterfront/Beach front Areas including all associated infrastructure

### 10. Buildings and Public Amenities

- Architecture
- Structure
- MEP

# ASAS Tower – Lusail Marina

Doha, Qatar





## ASAS Marina Towers at Lusail City, Doha, Qatar

**Client & Financing:** Al Aqaria Qatar Real Estate Investment co.

**Location:** Lusail City, Doha, Qatar

**Scope:** 3 Residential Tower with 1 Podium and Retail

**Consrt. Cost:** QR 1.8 Billion

**Project Period:** 2015 - 2016

### Project Services:

- Architectural Design
- Concept Design
- Detailed Design
- Tender Stage

















**THANK YOU!**



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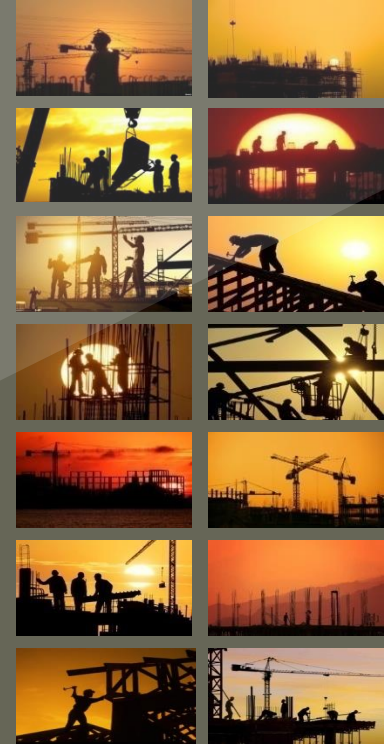


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# More Projects







## Emergency Sewerage Project at Al Raha Beach Contracts No. 440/1 & 440/2

Client & Financing:	Abu Dhabi Municipality
Location:	Abu Dhabi, United Arab Emirates
Length of Pipe:	15 km
Diameter:	DN 150 to DN 2400
No. of Manholes:	280
No. of Lifting Station:	10
Construction Cost:	AED 22 Million
Project Period:	1996 - 1997

### Project Services:

- Study, Design, Tendering, Construction Supervision



## **Construction of Sewerage Connection and Related Works for Isolated Properties in Abu Dhabi Island and Main Land- Phase 1 (Contract O-1081, Lot B)**

Client & Financing:	ADSSC (Abu Dhabi Sewerage Services Company)
Location:	Emirate of Abu Dhabi, UAE
Scope:	Construction of Sewerage Connection and Related Works for Isolated Properties in Abu Dhabi Island and Main Land- Phase 1 (Contract O-1081, Lot B)
Project Period:	2008 - 2009
Construction Cost:	AED 60 Million

### **Project Services:**

- Concept and detailed Design
- Tender documents, tendering and tender evaluation
- Construction Supervision





## **Construction Works Associated with Rehabilitation and Replacement of Existing VC Sewer lines at Musaffah Industrial Area- (O-1087)**

Client & Financing: ADSSC (Abu Dhabi Sewerage Services Company)

Location: Emirate of Abu Dhabi, United Arab Emirates

Scope: Construction Works Associated with Rehabilitation and Replacement of Existing VC Sewer lines at Musaffah Industrial Area- (O-1087)

Construction Cost: AED 536 Million

Project Period: 2008 - 2013

### **Project Services:**

- Concept and detailed Design
- Tender documents, tendering and tender evaluation
- Construction Supervision





## **Sewerage and Storm water for Khalifa Town "A"** **Contracts No. 414A, 415A, 416A, 417, 418 & 418M**

Client & Financing: Abu Dhabi Municipality  
Location: Abu Dhabi, United Arab Emirates  
Length of Sewer:

130,000 m sewerage gravity network,  
DN150 – 2000  
20,000 m storm water gravity network,  
DN200 - 2400  
15,000 m sewerage pressure lines,  
DN100 – 700  
7 No's sewerage pumping stations,  
3 No's sea-outfalls and all related  
structures

Construction Cost: AED 380 Million  
Project Period: 1994 – 1999

### **Project Services:**

Study, preliminary and detailed design, preparation of  
technical specifications and tender documents, tendering,  
evaluation, construction supervision, handing over  





## Sports Facilities in Abu Dhabi Emirate, UAE

Client & Financing:	Public Client, Abu Dhabi
Location:	Abu Dhabi, UAE
Scope:	Full Design Services for 9 prototypes with an average GFA of 5,000 m <sup>2</sup>
Construction Cost:	approx. AED 180 Million
Project Period:	2007 - 2008

### Project Services:

- Architectural Design Concept
- Preliminary and Final Design
- Structural & MEP Design
- Project Management



Alternative Design

## Al Nakheel Office Tower, Al Reem Island, Abu Dhabi, UAE

Client & Financing:	Private Developers
Location:	Al Reem Island, Abu Dhabi, UAE
Scope:	Podium (4 Floors) Tower 23 Floors
Construction Cost:	AED 170 Million
Project Period:	2009 - 2011

### Project Services:

- Architecture Design
- Infrastructure, Structural and MEP Design
- Time & Cost control
- Tender Documents, Tendering and Assistance in contract award
- Construction Supervision
- Project Management







## Sheikh Zayed Bin Sultan Al Nahyan Great Mosque, UAE

Client & Financing:	Municipality of Abu Dhabi
Location:	Abu Dhabi, United Arab Emirates
Scope:	Design of seven (7) gates of the Sheikh Zayed Bin Sultan Al Nahyan Great Mosque and three (3km) long boundary wall.
Project Period:	2007 - 2009

### Project Services:

- Architectural Design Concepts
- Preliminary and Final Design
- Structural Design
- Advisory Services
- Construction Supervision



## Schatt Al Basrah Canal Crossing for Basrah – Fao Railway Line, Iraq

Client:	Ministry of Transportation, Iraqi Republic Railways (IRR)
Location:	Schatt al Basrah Canal, Iraq
Construction Costs:	US\$ 420 million
River Bridge:	Span 200 m Heighth 46 m over canal
Foreshore Bridge:	Total length 20 km
Project Period:	March 2008 – October 2009

### Project Services:

- Preliminary design
- Cost estimate





## Highway A 72, Chemnitz – Bavarian Border, Germany

Client:	Highway Office Dresden
Location:	Sachsen, Germany
Total Length:	km 90.5
Construction Cost:	€ 703 million
Viaducts:	196 m (Friesenbach) 157 m (Culitzsch)
Number of Bridges:	115
Project Period:	1991 – 2005

### Project Services:

- Traffic studies and examinations
- Survey, earthworks, basic investigations
- Environmental studies, preliminary and detailed planning
- Tender prequalification
- Construction supervision, project management





## Oman Railway, Oman

Client: Ministry of Transport & Communications

Location: Muscat, Oman

Total length: 2700 km

- Port of Sohar – Muscat
- Muscat – Port of Duqm
- Sohar – UAE Border via Al Ain
- Sohar Port – UAE Border at Khatmat Milahah

Construction Cost: USD 10 Billion

Project Period: January 2012- Dec 2014

### Project Services:

- Tender Evaluation Services for the Tender of Consultancy Services for Design & Supervision for the National Railway Project in Sultanate of Oman.





## Oman Railway, Oman

Client: Ministry of Transport & Communications

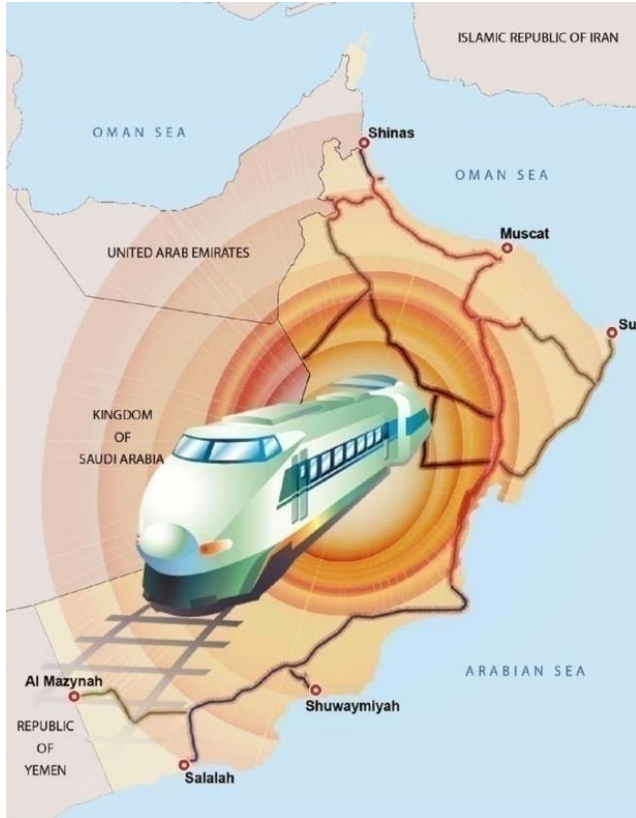
Location: Muscat, Oman

Project Period: 5 Weeks (Started July 2012)

Project: Preparation of Terms of Reference for the consultancy services related to the Preliminary Design; Tender Queries and Answers & Tenders Evaluation for the National Railway Project in Sultanate of Oman.

### Project Services:

- Data Collection & Production of the TOR



## Oman Railway, Oman

Client:	Ministry of Transport & Communications
Project:	National Railway Project -Consultancy Services for Technical Assistance for the Directorate General of Roads & Land Transport
Duration:	1 Year (contract can be expended for the full project duration i.e. 8 years)

### Scope of Services:

- Provide Technical Assistance to DGR&LT, MOTC
- Carry out railway projects evaluation, project planning and design
- Prepare/review Consultancy Tenders for Design, Project Management & Construction
- Design review in all stages



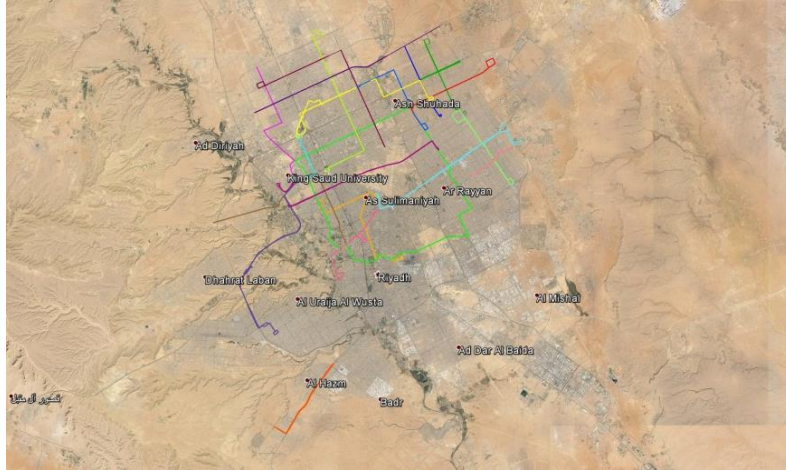


## Munich Metropolitan Rapid Transit System, Germany

Client: Subway Department, Munich Municipality  
 Location: Munich, Germany  
 Project Period: 1967 through to 2002

### Project Services:

- Advice on formation of a subway engineering group within the city administration
- Advice on implementation of Munich Metropolitan Rapid Transit System
- Technical direction of an underground traversing design team for the German Federal Railways (S-Bahn)
- Design services for various sections
- Construction supervision services



## Community Line Bus Stops Phase 2 & Phase 3 - Riyadh Bus Stop

Client:	High Commission for the Development of Riyadh (ADA)
Location:	Riyadh, KSA
Scope:	Design of 1,500 Bus Stops in Riyadh City
Construction Cost:	approx. SR 650 Million
Project Period:	2014 – 2015

### Project Services:

- Preliminary study
- Preliminary design
- Final design
- Tender documents
- Contract Documents





## CPC Landscape Project

Client & Financing:	Crown Prince Court (CPC)
Location:	Abu Dhabi
Scope:	Hard & soft landscape works, Irrigation, Utilities structures, Lighting, Furniture (Seating, Tables, Bins) and Shade Structures
Construction Cost:	AED 35 Million
Project Period:	2010 - 2012

### Project Services:

- Concept and detailed Design
- Tender documents, tendering and tender evaluation
- Construction Supervision





## PVD Salt Factory, Musaffah-Abu Dhabi

Client & Financing:	Advance Projects Development L.L.C.
Location:	Abu Dhabi, United Arab Emirates
Scope:	Construction of a PVD salt factory and sea water intake, engineering design for water system incl. all electrical works, civil and structural design, project supervision
Project Period:	2006 - 2007

### Project Services:

- Design of sea water intake
- Tender documents, tendering and tender evaluation
- Supervision and project management
- Contract close out, handing over and final account



## Fuel Depot & System for Naval Basis in Fujairah

Client & Financing:	Public Client, Abu Dhabi
Location:	Abu Dhabi, United Arab Emirates
Scope:	Full Design Services for Fuel Depot and Network System
Project Cost:	80 Million
Project Period:	2007 - 2008

### Project Services:

- Topographical & Geotechnical Surveys
- Schematic Design Stage
- Design Development Stage
- Construction Documents & Tendering
- Tender Evaluation & Assistance in Contract's Award



## Berlin Brandenburg Int'l Airport (BBI), General Planner Airside

Client:	Flughafen Schönefeld GmbH
Location:	Berlin/Germany
Construction Cost:	Phase 1: ca. 500 Mio. EUR
Capacity:	Phase 1: 20 MAP
Project Period:	2005 – 2011

### Project Services:

- Design and Project Management for entire airside incl. airfield pavement, drainage and water treatment, hydrant fuelling, lighting
- Preliminary to final design, tendering
- Time and Cost Control
- Construction Management
- Leading partner of joint venture





## **New Bangkok Int'l Airport, Terminal Constr. Supervision, Thailand**

Client:	NBIA
Location:	Thailand
Construction Cost:	900 million EUR
Capacity:	54 MAP
Project Period:	2003 - 2006

### **Project Services:**

Construction management & construction supervision of passenger terminal complex, i.e.:

- Main terminal building
- Concourse buildings
- Art works
- Terminal curb side



## Bangalore Int'l Airport, Greenfield Airport, India

Client:	BIAL Bangalore Int'l Airport Ltd
Location:	Bangalore/India
Construction Cost:	US\$ 230 million
Capacity:	11.5 MAP (Phase 1)
Project Period:	2002 – 2008

### Project Services:

- Owner's engineer/owner's architect
- Consulting services for entire airport
- Terminal
- Airside & landside incl. infrastructure
- Airfield lighting, NAVAIDS, airport systems
- Tendering & EPC contracting
- Project & construction management



## Operation and Maintenance for Forest and Landscaped Areas in Abu Dhabi

Client & Financing:	Abu Dhabi Municipality
Location:	Abu Dhabi, United Arab Emirates
Scope:	Operation and maintenance of total 35,000 ha forest and public landscaped areas including soft and hard landscape, irrigation and stormwater systems
Constr. Cost:	AED 980 Million (estim.)
Project Period:	2006 - 2009

### Project Services:

- Data Collection and study
- Tender documents, tendering and tender evaluation
- Supervision and project management
- Contract close out, final account





## **PGD/OM/405 - Operation and Maintenance for Forest and Landscaped Areas in Al Khatim Area -2**

Client & Financing:	Abu Dhabi Municipality
Location:	Abu Dhabi, United Arab Emirates
Scope:	Operation and maintenance of forest and public landscaped areas including soft and hard landscape, irrigation and stormwater systems
Constr. Cost:	AED 116 Million
Project Period:	2007 - 2010

### **Project Services:**

- Data Collection and study
- Tender documents, tendering and tender evaluation
- Supervision and project management
- Contract close out, final account



## **PGD/OM/400 - Operation and Maintenance for Forest and Landscaped Areas Madinat Zayed and Al Riyum Area**

Client & Financing:	Abu Dhabi Municipality
Location:	Abu Dhabi, United Arab Emirates
Scope:	Operation and maintenance of forest and public landscaped areas including soft and hard landscape, irrigation and stormwater systems
Constr. Cost:	AED 125 Million
Project Period:	2006 - 2009

### **Project Services:**

- Data Collection and study
- Tender documents, tendering and tender evaluation
- Supervision and project management
- Contract close out, final account



## PGD/OM/401 - Operation and Maintenance for Forest and Landscaped Areas in Liwa Area

Client & Financing:	Abu Dhabi Municipality
Location:	Abu Dhabi, United Arab Emirates
Scope:	Operation and maintenance of forest and public landscaped areas including soft and hard landscape, irrigation and stormwater systems
Constr. Cost:	AED 148 Million
Project Period:	2006 - 2009

### Project Services:

- Data Collection and study
- Tender documents, tendering and tender evaluation
- Supervision and project management
- Contract close out, final account



## Facilities Management Consultancy Services at Ruwais City



**Client & Financing:** ADNOC - CPU

**Location:** Ruwais, Abu Dhabi – U.A.E.

**Scope:** Develop FM vision/mission statements, objectives, KPIs, new documentation for FM service provider contracts, operational model, organization structure, facilities management framework, O&M methodology, standard operating procedures, FM manual, HSE / QAQC policies & procedures, asset register, risk assessment framework, and assist in making five year business plan & performance contract.

**Project Period:** 2017 – Ongoing

**Project Services:**

- Providing advisory services relating to planning and strategic aspects of FM.
- Developing a FM framework
- Developing a FM Manual



## New Clinics in Habshan, UAE



**Client & Financing:** ADNOC - CPU

**Location:** Habshan, Abu Dhabi – U.A.E.

**Scope:** The Project Consists of design, construction, utility connections, completion, maintenance and handing over Works of four clinics and associated external works including MEP services, roads, shaded car parks, hard and soft landscape, etc.

Basic on-call accommodation of approximately 300 sq. meters each is needed for the Type A clinics. The design and build work shall be as per the latest international and local codes and standards, End User Requirements, Company instructions and comply with Pearl 2 rating of latest Estidama requirements. The facilities shall be designed for 50 years life span.

**Construction Cost:** AED 504 Million

**Project Period:** 2015 – 2018

**Project Services:**

- Civil / Infrastructure Works
- Mechanical Works
- Project Planning
- PMC Related Activities
- Architectural Works
- Electrical Works
- Construction Supervision

**Thank You!**



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