

# ARABIAN ENGINEERING CENTER PRE-QUALIFICATION



Arabian  
Engineering  
Centre L.L.C

Where Innovation  
Meet Integrity.









|                                   |  |
|-----------------------------------|--|
| <b>1</b>                          |  |
| About us                          |  |
| <b>2</b>                          |  |
| Our Purpose                       |  |
| <b>3</b>                          |  |
| Our Vision                        |  |
| <b>4</b>                          |  |
| Key Services                      |  |
| <b>5</b>                          |  |
| Organisation Chart & Key Personal |  |
| <b>6</b>                          |  |
| Trade License and classifications |  |
| <b>7</b>                          |  |
| Certificates                      |  |
| <b>8</b>                          |  |
| Project References                |  |
| <b>9</b>                          |  |
| Main Clients                      |  |
| <b>10</b>                         |  |
| Contact Details                   |  |



## ABOUT US

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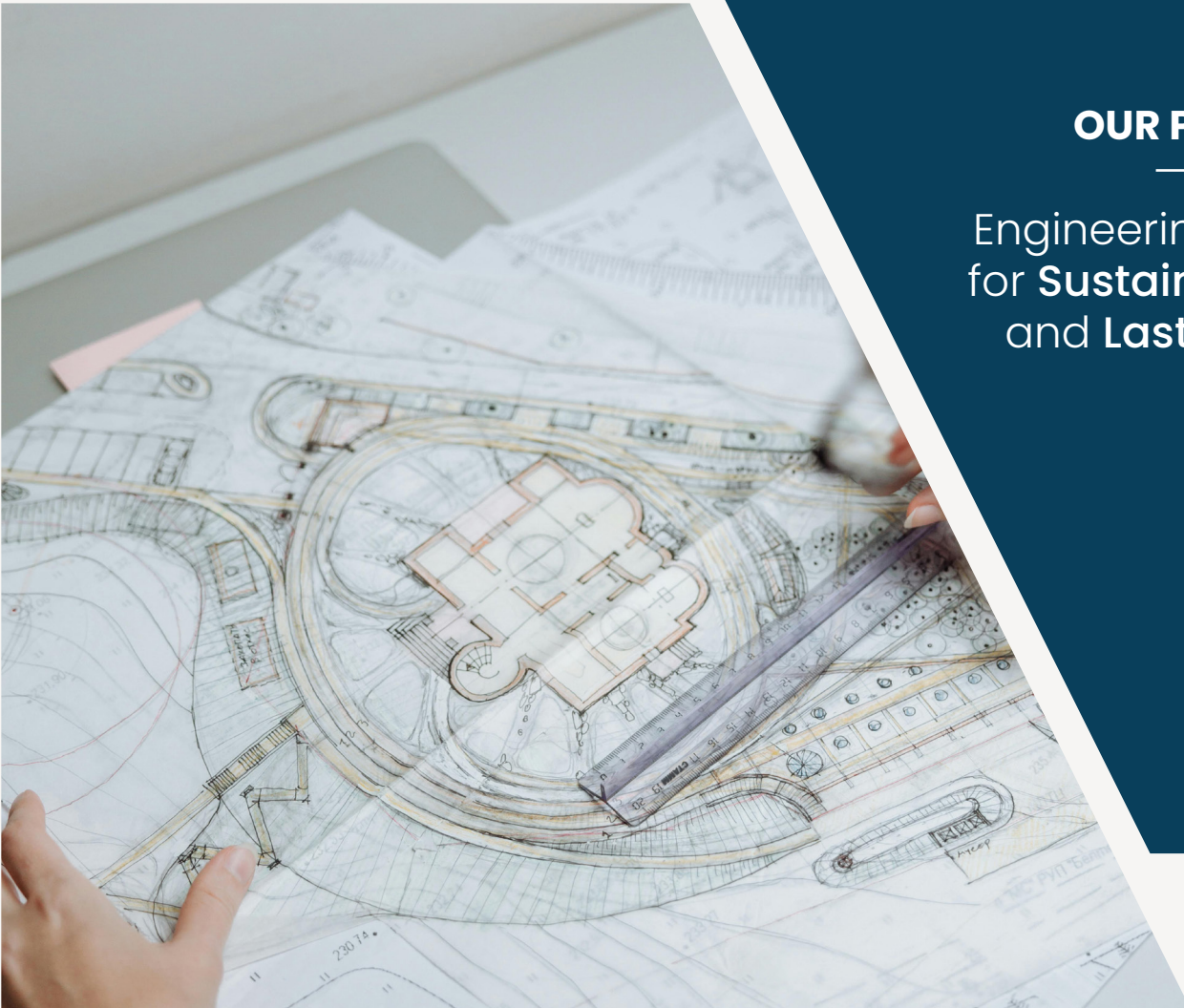
**Since 1989**, Arabian Engineering Centre LLC (AEC) has been more than a consultancy—we are a trusted partner, empowering clients with innovative and sustainable engineering solutions. Headquartered in Abu Dhabi, we've built a reputation for excellence, integrity, and client satisfaction, establishing ourselves as a cornerstone of the local engineering community.

With a multidisciplinary approach, AEC specializes in urban development, roads and infrastructure, structural engineering, buildings, and industrial projects. We provide comprehensive services, from master planning and detailed design to construction supervision, ensuring seamless project execution.

Our expertise allows us to navigate complex engineering challenges, delivering innovative, future-ready solutions that align with our clients' vision and the highest industry standards.

**At AEC, we are passionate about creating value and ensuring every project leaves a lasting, positive impact.**





## OUR PURPOSE

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Engineering Excellence  
for **Sustainable Growth**  
and **Lasting Impact**

At Arabian Engineering Centre LLC (AEC), our purpose is to shape the built environment through innovative, sustainable, and client-driven engineering solutions.

We empower our clients by delivering efficient, high-quality designs and engineering expertise across urban development, infrastructure, and industrial sectors. By integrating technology, sustainability, and practical design, we create solutions that enhance communities, optimize resources, and drive long-term value.



## OUR VISION

# **“Where Innovation Meets Integrity”**

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To lead with excellence, shaping a sustainable future through transformative engineering solutions that enhance infrastructure, improve quality of life, and create long-term value for communities and industries.





An aerial photograph of a wastewater treatment plant. The image shows several large, circular clarifiers arranged in a grid-like pattern. Each clarifier is divided into four quadrants by a central cross-shaped structure. The water in the clarifiers appears dark. In the center of the image, there is a small, rectangular building with a flat roof. The surrounding area is mostly flat and open, with some trees visible in the upper right corner. The overall color scheme is a monochromatic blue-grey.

## KEY SERVICES



At Arabian Engineering Centre L.L.C. (AEC), our expertise encompasses a wide range of key areas to deliver **comprehensive and sustainable solutions**:

## | 1- Infrastructure & Urban Development

AEC specializes in the planning and design of modern infrastructure that supports urban growth. Our expertise includes road networks, highways, and smart cities, ensuring seamless connectivity and efficient utility management.

We develop comprehensive infrastructure solutions, integrating transportation, water, energy, and communication networks for sustainable urban environments.

- Roads and Highway
- Infrastructure Systems
- Water Networks
- TSE Network
- Sewer Networks
- Irrigation Main, Secondary and Tertiary Networks
- Storm water Management
- Street and Landscape Lighting
- Electrical LV and MV networks
- Telecommunication Networks



## | 2. Water & Environmental Engineering

We provide innovative and sustainable water management solutions that ensure safe and efficient water supply, treatment, and distribution.

Our expertise includes stormwater drainage, wastewater treatment, flood control, and groundwater management, complemented by rigorous environmental impact assessments (EIA) to promote sustainability and regulatory compliance.

- Stormwater drainage and flood protection
- Wastewater treatment and solid waste management
- Hydrogeological assessments and groundwater modeling
- Water Distribution
- TSE Network
- Irrigation Networks
- Environmental impact assessments (EIA) and sustainability studies







### | 3. Architectural, Structural & Landscape Engineering

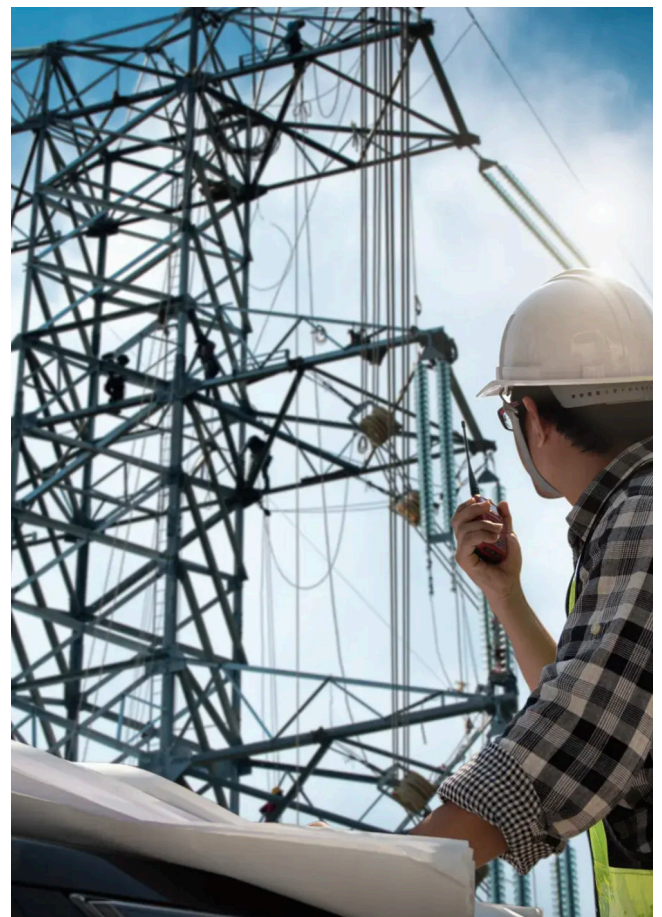
AEC delivers robust and aesthetically optimized designs, combining functionality with cutting-edge engineering. From reinforced and prestressed concrete structures to earthquake-resistant buildings and large-span structures, we ensure that every project meets the highest safety and durability standards.

Our architectural team creates aesthetically pleasing and functional spaces that enhance the built environment, integrate seamlessly with natural landscapes, and integrates urban landscape design, green building solutions, and façade engineering to enhance the built environment.

### | 4. Mechanical, Electrical & Low-Current Systems

We provide comprehensive mechanical and electrical engineering solutions, including HVAC, plumbing, fire protection, LV, MV and industrial automation.

Our expertise in low-current systems covers CCTV, intrusion detection, access control, smart lighting, and IoT-based asset management, ensuring security and efficiency for modern infrastructure projects.



## | 5. Energy & Industrial Solutions

AEC is committed to advancing renewable energy and industrial infrastructure with solar, energy distribution, and clean power generation solutions.

Our team designs and develops power distribution networks, industrial facilities, pumping stations, STPs, and RO plants, ensuring energy efficiency and environmental compliance in every project.



## | 6. Specialized Engineering Consulting

Beyond engineering, AEC provides strategic consulting services that optimize project feasibility, compliance, and execution. Our expertise covers hydraulic and hydrogeology studies, surge analysis, and Operation & Control Philosophy, ensuring technically sound and sustainable solutions.

We also specialize in regulatory approvals, ensuring seamless coordination with local authorities. Our team efficiently manages NOCs, permits, and stakeholder approvals, streamlining compliance and minimizing project delays. From project planning to tendering and construction supervision, we provide the expertise needed to navigate complex regulatory landscapes and deliver high-value outcomes.





At AEC Arabian Engineering Centre L.L.C, we are committed to delivering projects that meet the **highest standards of quality and sustainability**, ensuring the **satisfaction and success of our clients**.







## TRADE LICENSE AND CLASSIFICATIONS





## رخصة أبوظبي الاقتصادية Abu Dhabi Economic Licence

### Licence Details

### تفاصيل الرخصة

|                          |                                      |                           |                    |
|--------------------------|--------------------------------------|---------------------------|--------------------|
| Licence Type             | Professional                         | مهنية                     | نوع الرخصة         |
| Licence Category         | Normal                               | عادية                     | فئة الرخصة         |
| Licence No.              | CN-1043403                           |                           | رقم الرخصة         |
| Unified Registration No. | 101-2021-100087238                   |                           | رقم التسجيل الموحد |
| Unified Licence No.      | 501-1989-100006227                   |                           | رقم الرخصة الموحد  |
| Establishment Date       | 18/10/1989                           |                           | تاريخ التأسيس      |
| Issuance Date            | 28/08/2024                           |                           | تاريخ الإصدار      |
| Expiry Date              | 27/08/2025                           |                           | تاريخ الإنتهاء     |
| Legal Form               | Limited Liability Company            | شركة ذات مسؤولية محدودة   | الشكل القانوني     |
| Trade Name               | ARABIAN ENGINEERING CENTRE<br>L.L.C. | مركز الهندسة العربي ذ.م.م | الإسم التجاري      |

### Ownership and Representatives

### الملكية والممثلين

| ممثل عن<br>Representative of | الدور\المناصب<br>Role/Position | الجنسية<br>Nationality                           | الاسم<br>Name                                                         |
|------------------------------|--------------------------------|--------------------------------------------------|-----------------------------------------------------------------------|
|                              | شريك<br>Partner                | لبنان<br>Lebanon                                 | وسام خير الميس<br>WISSAM KHAIR EL MAIS                                |
|                              | شريك<br>Partner                | الإمارات العربية المتحدة<br>United Arab Emirates | احمد حامد يمانى محفوظ الصيعرى<br>AHMED HAMED YEMANY MAHFOUDH ALSEIARI |
|                              | مدير<br>Manager                | لبنان<br>Lebanon                                 | وسام خير الميس<br>WISSAM KHAIR EL MAIS                                |

### Licence Activities

### الأنشطة المرخصة

|                                                                                 |         |                                                                   |
|---------------------------------------------------------------------------------|---------|-------------------------------------------------------------------|
| - Civil Engineering Consultancy                                                 | 7110205 | - استشارات في الهندسة المدنية                                     |
| - Road Engineering Consultancy                                                  | 7110702 | - استشارات هندسية في الطرق                                        |
| - Sewerage and Collecting and Disposing of Wasted Water Engineering Consultancy | 7110112 | - استشارات هندسية في الصرف الصحي وجمع المياه المهذرة والتخلص منها |
| - Irrigation Water Resources Engineering Consultancy                            | 7110116 | - استشارات هندسية في مصادر مياه الري                              |

General Note : The Consultant is not permitted to practice the activities unless these activities are classified

ملاحظة عامة : لا يحق للمكتب الاستشاري مزاولة أنشطة الاستشارات الهندسية إلا بعد التصنيف فيها

### Address

### العنوان

|                 |                                                 |                          |
|-----------------|-------------------------------------------------|--------------------------|
| Official Email  | info@aec-ae.com                                 | البريد الإلكتروني الرسمي |
| Official Mobile | +971501245271                                   | رقم التواصل الرسمي       |
| Address         | آل نهيان, شرق 25, 0 : ~ مبنى, مريم احمد عبدالله | العنوان                  |





## رخصة أبوظبي الاقتصادية Abu Dhabi Economic Licence

### Additional Information

### معلومات إضافية

|                              |       |                                                  |
|------------------------------|-------|--------------------------------------------------|
| ADCCI No                     | 27558 | رقم عضوية الغرفة                                 |
| MOHRE Establishment Card No. | 23971 | بطاقة المنشأة - وزارة الموارد البشرية والتوطين   |
| ICP Establishment Card No.   |       | بطاقة المنشأة - الهيئة الاتحادية للهوية والجنسية |





A person in a dark suit and tie is seated at a desk, signing a document with a fountain pen. The document is open, showing several lines of text. The person's left hand, wearing a ring, rests on the document. The background is blurred, suggesting an office setting. The entire image has a blue tint.

## CERTIFICATES



# CERTIFICATE



This is to certify that the Environmental Management System of

## ARABIAN ENGINEERING CENTRE L.L.C.

Office No. 904, Opal House Tower, Al Nahyan Camp Area, Delma Street/ Al Mamoura Street, PO. Box 3191, Abu Dhabi, **United Arab Emirates**

has been assessed and registered by ACS W3 Solutionz as conforming to the requirements of:

## ISO 14001:2015

**FOR THE SCOPE: PROVISION OF ARCHITECTURAL AND CIVIL CONSULTANCY, PROJECT MANAGEMENT AND PROJECT SUPERVISION.**

EA Code: "34, 35"

**Certificate No.:** 24.67.AE802302  
**Certificate Issuance:** 23<sup>th</sup> August 2024  
**Certificate Expiry:** 22<sup>nd</sup> August 2025  
**Re-Certification:** 04<sup>th</sup> August 2027  
**Rev:** 00

  
**Director of Certification**  
**ACS W3 Solutionz**



In issuance of the certificate, ACS W3 Solutionz assume no liability to any other party other than to the client. This certificate becomes invalid if conditions of certification are not fulfilled (<http://w3solutionz.com/doc/F-OPE-306CoP.pdf>). This certificate is the property of W3 Solutionz FZE dba ACS W3 Solutionz, Off. M-02, Bldg: C-70, ME-10, Abu Dhabi – United Arab Emirates. Web: [www.w3solutionz.com](http://www.w3solutionz.com)

Accreditation Details are available with IAS (International Accreditation Services), USA, [www.iasonline.org](http://www.iasonline.org)



# CERTIFICATE



**ACS**  
United States

This is to certify that the Occupational Health & Safety Management System of

## ARABIAN ENGINEERING CENTRE L.L.C.

Office No. 904, Opal House Tower, Al Nahyan Camp Area, Delma Street/ Al Mamoura Street, PO. Box 3191, Abu Dhabi, **United Arab Emirates**

has been assessed and registered by ACS W3 Solutionz as conforming to the requirements of:

# ISO 45001:2018

**FOR THE SCOPE: PROVISION OF ARCHITECTURAL AND CIVIL CONSULTANCY, PROJECT MANAGEMENT AND PROJECT SUPERVISION.**

EA Code: "34, 35"

**Certificate No.:** 24.67.AE802303  
**Certificate Issuance:** 23<sup>th</sup> August 2024  
**Certificate Expiry:** 22<sup>nd</sup> August 2025  
**Re-Certification:** 04<sup>th</sup> August 2027  
**Rev:** 00

  
**Director of Certification**  
**ACS W3 Solutionz**



In issuance of the certificate, ACS W3 Solutionz assume no liability to any other party other than to the client. This certificate becomes invalid if conditions of certification are not fulfilled (<http://w3solutionz.com/doc/F-OPE-306CoP.pdf>). This certificate is the property of W3 Solutionz FZE dba ACS W3 Solutionz, Off. M-02, Bldg: C-70, ME-10, Abu Dhabi – United Arab Emirates. Web: [www.w3solutionz.com](http://www.w3solutionz.com)

Accreditation Details are available with IAS (International Accreditation Services), USA, [www.iasonline.org](http://www.iasonline.org)



# CERTIFICATE



This is to certify that the Quality Management System of

## ARABIAN ENGINEERING CENTRE L.L.C.

Office No. 904, Opal House Tower, Al Nahyan Camp Area, Delma Street/ Al Mamoura Street, PO. Box 3191, Abu Dhabi, **United Arab Emirates**

has been assessed and registered by ACS W3 Solutionz as conforming to the requirements of:

# ISO 9001:2015

**FOR THE SCOPE: PROVISION OF ARCHITECTURAL AND CIVIL CONSULTANCY, PROJECT MANAGEMENT AND PROJECT SUPERVISION.**

EA Code: "34, 35"

**Certificate No.:** 24.67.AE802301  
**Certificate Issuance:** 23<sup>th</sup> August 2024  
**Certificate Expiry:** 22<sup>nd</sup> August 2025  
**Re-Certification:** 04<sup>th</sup> August 2027  
**Rev:** 00

  
**Director of Certification**  
**ACS W3 Solutionz**



**Exclusions:** N/A

In issuance of the certificate, ACS W3 Solutionz assume no liability to any other party other than to the client. This certificate becomes invalid if conditions of certification are not fulfilled (<http://w3solutionz.com/doc/F-OPE-306CoP.pdf>). This certificate is the property of W3 Solutionz FZE dba ACS W3 Solutionz, Off. M-02, Bldg: C-70, ME-10, Abu Dhabi – United Arab Emirates. Web: [www.w3solutionz.com](http://www.w3solutionz.com)

Accreditation Details are available with IAS (International Accreditation Services), USA, [www.iasonline.org](http://www.iasonline.org)



# ORGANISATION CHART

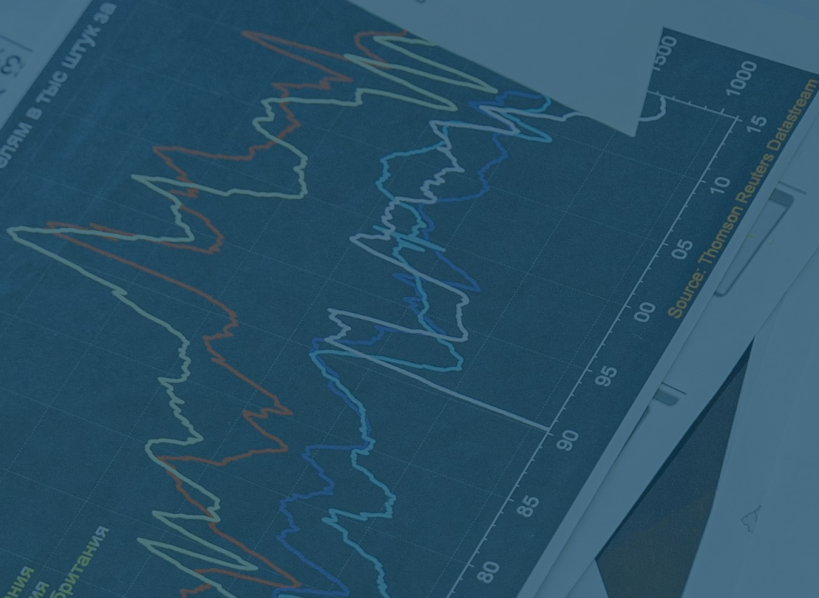
Pie Chart of Countries



Frequency of visit



Объемы реализации авто конечным покупателям в тыс штук за год



Split by drivetrain in %

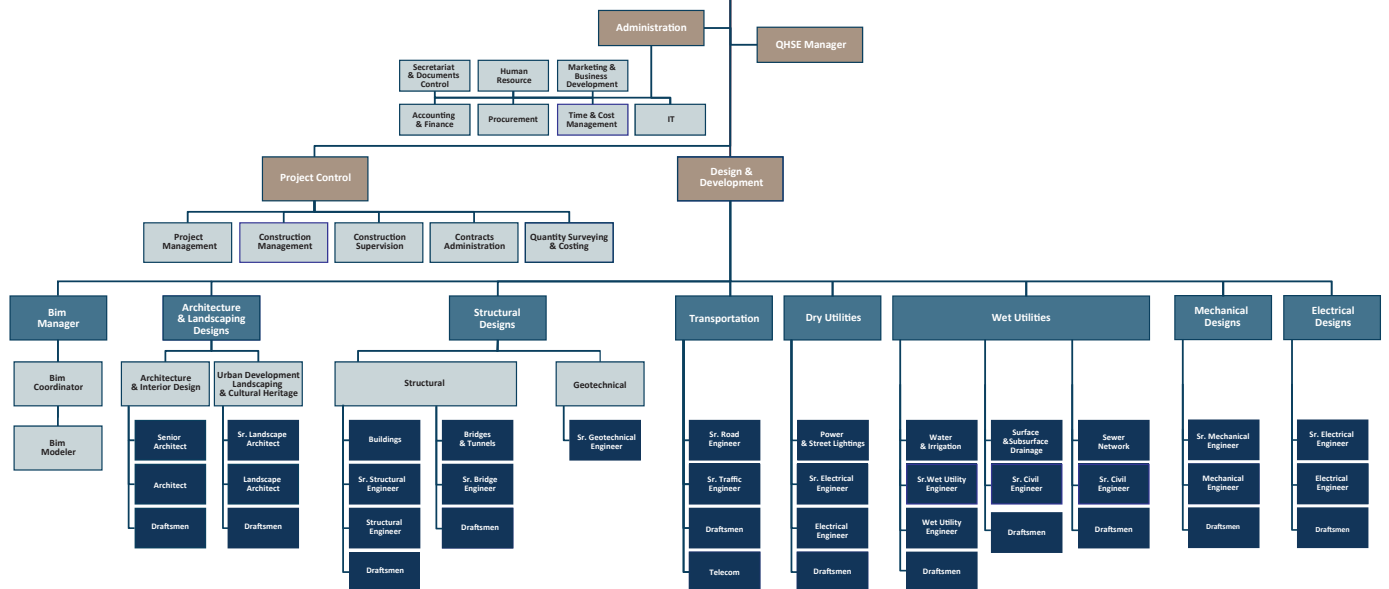


2011 - 2019 Mar)  
hs average  
etrain



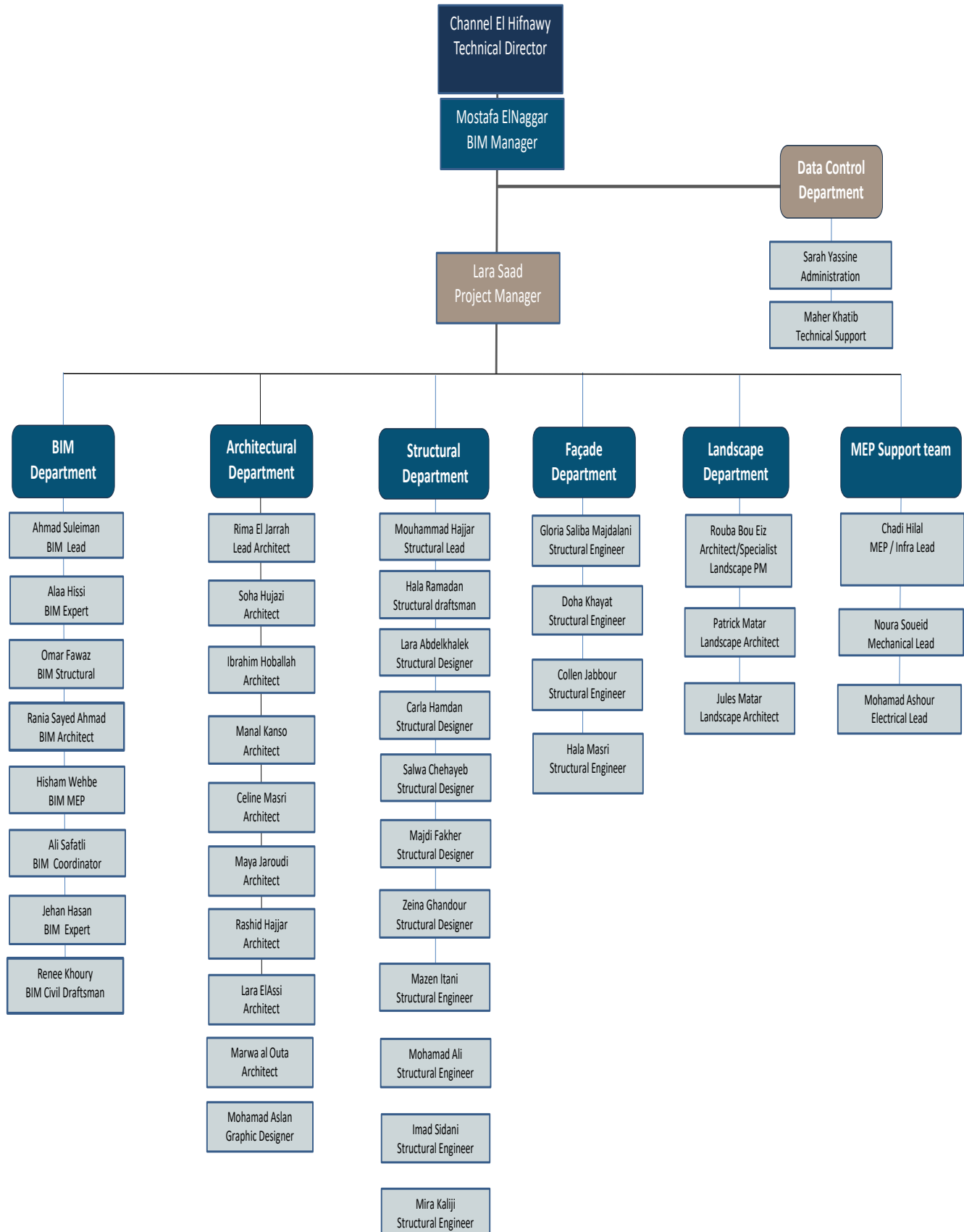
## Organization Chart

### SENIOR MANAGEMENT





# PROJECT ORGANISATIONAL CHART





The image shows four business professionals in a modern office setting. They are silhouetted against a large window that looks out onto a cityscape. The floor is highly reflective, creating clear mirror images of the people and the window. The overall color scheme is a monochromatic blue. The text 'KEY PERSONAL' is centered horizontally across the middle of the image, flanked by thin white lines.

KEY PERSONAL



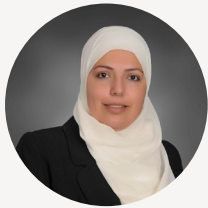
## Key Personal



### WISSAM EL MAIS

**Managing Director**  
Arabian Engineering Centre (AEC)

**Wissam El Mais** is a seasoned engineering and project management professional with over 20 years of experience in the construction and infrastructure industry. As the Managing Director of **AEC Consulting Engineers**, Wissam leads the firm with a strong focus on delivering high-quality engineering solutions, technical excellence, and strategic project execution.



### CHANEL EL HIFNAWY

**Design Manager**  
**Head Mechanical & I&C Engineering**  
Arabian Engineering Centre (AEC)

**Chanel El Hifnawy** is a highly experienced mechanical and instrumentation & control (I&C) engineer with over 18 years of expertise in the design, implementation, and management of complex engineering systems. As the Director of Mechanical & I&C Engineering at Arabian Engineering Centre (AEC), she leads multidisciplinary teams in delivering cutting-edge solutions for a wide range of projects, including infrastructure, industrial facilities, and high-tech building systems.



### MAHDI ZAITER

**Infrastructure Lead**  
**Technical Manager**  
Arabian Engineering Centre (AEC)

**Mahdi Zaiter** is an accomplished civil engineer with over 13 years of experience specializing in road design, infrastructure development, and transportation engineering. As the Infrastructure Lead and Technical Manager at Arabian Engineering Centre (AEC), he oversees the planning, design, and execution of complex infrastructure projects, ensuring technical excellence and adherence to industry standards.



### CHAHINE ATALLA

**Principal Electrical Engineer**  
Arabian Engineering Centre (AEC)

**Chahine Atalla** is a seasoned Electrical Engineer with over 15 years of experience specializing in infrastructure and building electrical systems. As a Principal Electrical Engineer at Arabian Engineering Centre (AEC), he is responsible for leading the design, development, and implementation of electrical solutions for a wide range of projects, including urban infrastructure, commercial buildings, and industrial facilities.



### ROLA KRAYEM

**Lead Wet Utilities Engineer**  
Arabian Engineering Centre (AEC)

**Rola Krayem** is a highly skilled civil engineer with over 13 years of experience specializing in wet utilities and infrastructure development. As the Lead Wet Utilities Engineer at Arabian Engineering Centre (AEC), she plays a key role in the planning, design, and implementation of water supply, stormwater drainage, wastewater, and irrigation networks for a wide range of projects.



## Key Personal



### YOUSSEF OMAR

**Principal Structural Engineer**  
Arabian Engineering Centre (AEC)

**Youssef Omar** is a highly experienced Structural Engineer with over 30 years of expertise in the design, analysis, and execution of complex structural systems. As a Principal Structural Engineer at Arabian Engineering Centre (AEC), he plays a vital role in delivering innovative and efficient structural solutions for a wide range of projects, including high-rise buildings, bridges, marine structures, and large-scale infrastructure developments.



### MAHMOUD ABDELWAHAB

**Principal Bridge & Structural Engineer**  
Arabian Engineering Centre (AEC)

**Mahmoud Abdelwahab** is a highly experienced Bridge and Structural Engineer with over 19 years of expertise in the design, analysis, and construction of bridges and complex structural systems. As a Principal Bridge & Structural Engineer at Arabian Engineering Centre (AEC), he leads the development of innovative and cost-effective structural solutions for transportation and infrastructure projects.



### OLA NABHANI

**Senior Landscape Architect**  
Arabian Engineering Centre (AEC)

**Ola Nabhani** is a seasoned Landscape Architect with over 10 years of experience in designing and delivering innovative, sustainable, and aesthetically compelling outdoor spaces. As a Senior Landscape Architect at Arabian Engineering Centre (AEC), she specializes in the planning and execution of landscape designs for urban developments, public spaces, and high-profile infrastructure projects.



### CHARBEL TEKLI

**Architect & BIM Manager**  
Arabian Engineering Centre (AEC)

**Charbel Tekli** is a highly skilled BIM Manager over 7 years of experience in Building Information Modeling (BIM) and architectural design. With a strong foundation in architecture, he has successfully led BIM implementation on a wide range of projects, optimizing digital workflows, enhancing collaboration, and ensuring seamless coordination across multidisciplinary teams.



### PETRA KHALIFE

**Agriculture Engineer**  
Arabian Engineering Centre (AEC)

**Petra Khalife** is an Agriculture engineer with over 6 years of experience in designs and improves farming equipment, irrigation, and systems for sustainable agriculture. They apply engineering solutions to enhance productivity and environmental stewardship in agriculture.



## BIM Project Team



### MUSTAFA AL NAGGAR

**Architect & BIM Manager**  
Arabian Engineering Centre (AEC)

**Mustafa Al Nagggar** is a highly skilled BIM Manager with over 14 years of experience in Building Information Modeling (BIM) and architectural design.

With a strong foundation in architecture, he has successfully led BIM implementation on a wide range of projects, optimizing digital workflows, enhancing collaboration, and ensuring seamless coordination across multidisciplinary teams.



### LARA SAAD

**Projects Manager**  
Arabian Engineering Centre (AEC)

Mrs. Saad is a highly qualified civil engineer with over 18 years of professional experience in structural analysis, design, design review, and the preparation of specifications, calculations, cost estimates, and other technical design documents for numerous large-scale projects.



### AHMAD SLEIMAN

**BIM Lead**  
Arabian Engineering Centre (AEC)

Mr. Ahmad Sleiman is a highly skilled BIM Coordinator with over 15 years of experience in the design, analysis, and management of complex structural systems, specializing in the integration and implementation of Building Information Modeling (BIM) across various commercial and residential projects.



### ALAA HISSI

**BIM Coordinator**  
Arabian Engineering Centre (AEC)

Miss Hissi is a detail-oriented BIM Coordinator with a passion for bringing designs to life through smart and efficient modeling. She specializes in coordinating multi-disciplinary models, resolving clashes early, and keeping teams aligned using tools such as Revit and Navisworks. She is focused on streamlining workflows and helping projects run more smoothly from concept to construction.



### RIMA JARRAH

**Architectural Department Lead**  
Arabian Engineering Centre (AEC)

Mrs. Jarrah is a Lead Senior Architect of more than 20 years of experience in conceptualizing and developing operational architectural solutions and creating commercial, residential and mixed used buildings design. She worked on large Scale projects of Master Plans and Urban design projects from the concept design to the Final Design Phase.

## BIM Project Team

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### MOHAMAD ELHAJJAR

**Structural Engineering Department**  
Arabian Engineering Centre (AEC)

Mr. Hajjar is a structural engineer with 12+ years of experience in design, analysis, and bill of quantities for major projects like airports, hotels, and infrastructure. He has also served as a structural coordinator, ensuring compliance with BIM standards and project-specific detailing.



### ROUBA ABOU EIZ

**Landscape Department Lead**  
Arabian Engineering Centre (AEC)

Ms. Bou Eiz is a landscape and agricultural engineer with 20+ years of experience managing residential, commercial, educational, and mixed-use projects. Her strengths lie in project management, office administration, and contract oversight, complemented by her proficiency in producing detailed drawings for various project stages.



### CHADI HILAL

**MEP Lead Technical Support**  
Arabian Engineering Centre (AEC)

Mr. Hilal is a high qualified Hydraulics Engineer with over 20 years of professional experience in the design of infrastructure projects and the supervision of the execution of roads infrastructure works and related amenities such as technical plants, substations, and pumping stations.





## BIM RELEVANT PROJECT

## Diriyah Square Structural Works to the Above Ground Assets

Services

Structural Works to the Above Ground Assets

Location

Riyadh, KSA

Start/End Date

2023 to 2025

### Description

Diriyah Square is the central element of Diriyah Gate Masterplan.

It is a district between Diriyah North, Diriyah South, Wadi Hanifa to the West and the Western Ring Road to the East.

Team scope :

Develop from final design to shop drawings level the structural packages 3, 6 and 7.

This includes:

Bim LOD350

LOD400 and

LOD500 models

4D simulations

All related shop drawings





## Riyadh and Damam Data Centers Review

Services

Review of All civil and MEP deliverables

Location

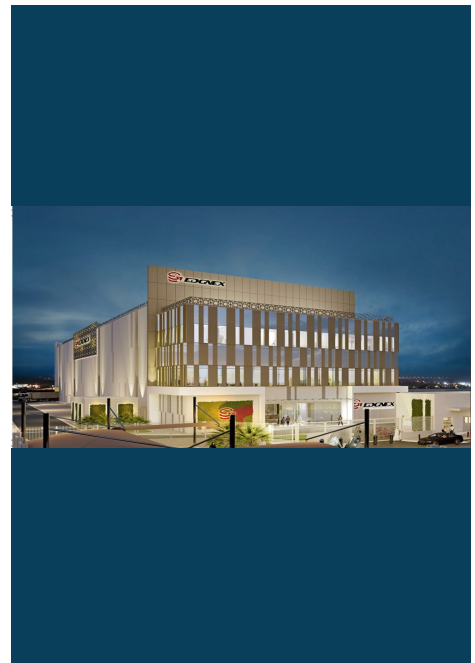
Riyadh, KSA

Start/End Date

2022 to 2023

### Description

Review of all architectural, structural, civil, mechanical, electrical, instrumentation, and control deliverables related to Riyadh and Dammam Data Centers, including IFC drawings, shop drawings, material submittals, and answering all requests for information.



## Al Hamra Village Renovation of The Hilton Beach and Golf Resort

### Services

Hotel renovation and Infrastructure networks upgrade

### Location

Ras Al Khaimah, UAE

### Start/End Date

2021

## Description

This project is for the MEP refurbishment and functional, aesthetic upgrade of the Al Hamra Hospitality development. It is directed by H&H Design Consultancy Services. It consists of the schematic design of the masterplan and landscape (300,000 sqm), a 1 km boardwalk, the Hilton Resort Villas (164 keys), the floating restaurant, the Hilton Resort main building (100 keys), and Al Jazirah Building F&B.





## Al Wathba Palace

### Services

Full installation of Mechanical & Electrical system

### Location

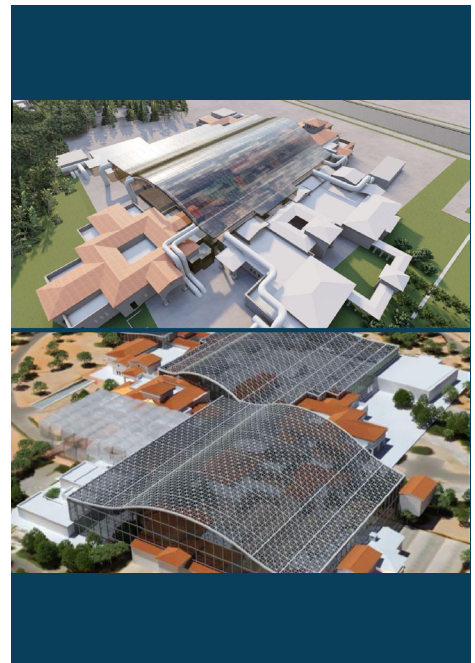
Abu Dhabi, UAE

### Start/End Date

2020

## Description

Al Wathba Palace is a 6,000 sqm project where the main goal was to design, implement, and execute an effective air conditioning system for a large skylight encompassing four villas. The system includes chillers, air handling units, fresh air handling units, and jet diffusers, all aimed at creating optimal and comfortable atmospheric conditions within the skylight, even during the harshest weather conditions in Abu Dhabi.



## Al Arous, Section 2 & Bridge V5

Services

DESIGN SERVICES

Location

KSA

Start/End Date

2021 - 2024

### Description

The Team was appointed by the construction contractor of the project to provide design services related to marine edge treatment of the canal, bridges, roads, and infrastructure.

The scope of work consists of the excavation of the canal, dewatering system, construction of the canal edge walls, and installation of temporary intake and outtake pipes with related facilities.





## SHURA ISLANDS

Services

INFRA & CIVIL 3D WORKS SAMPLES

Location

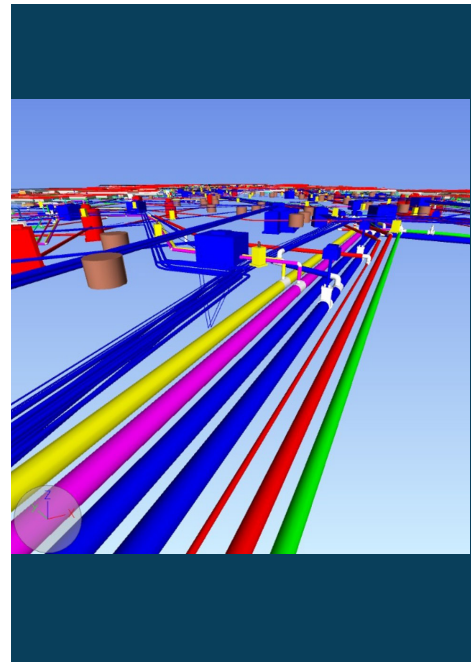
KSA

### Description

The project is a touristic islands located on the Red Sea, Kingdom of Saudi Arabia with total area of 6,000,000 sqm.

Team scope includes infrastructure shop drawing on BIM, 3D basis for two zones HW1 & HW2.

Owner: Red Sea Global



## QIDDAYA WATER THEME PARK

Services

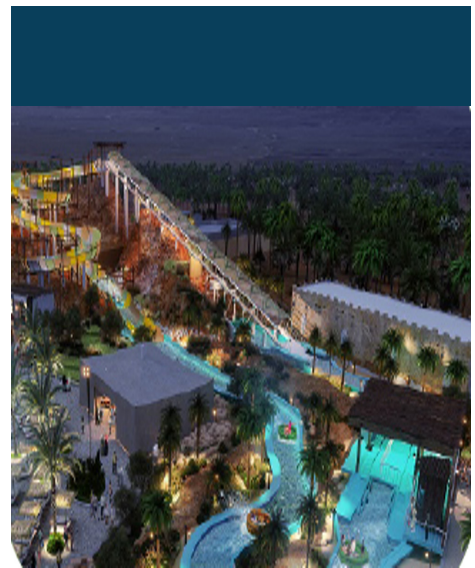
INFRA & CIVIL 3D WORKS SAMPLES

Location

KSA

### Description

The project is a water park located at the heart of Qiddiya in the kingdom of Saudi Arabia with Total Area 409,545 sqm.  
Team scope includes infrastructure shop drawing on BIM, 3D basis.  
Owner: Qiddiya





## REVIEWED PROJECTS SAMPLE

Services

Reviewed MEP , Structure And Architecture WORK

Location

AL-Malga, KSA

Start/End Date

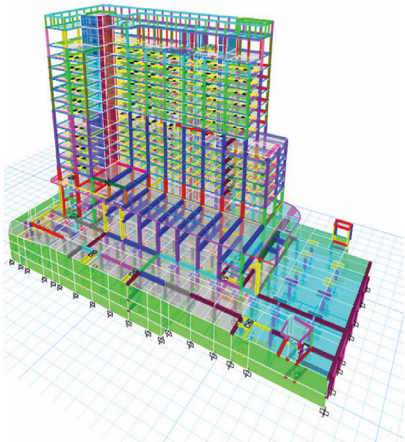
2024

## Description

Located in Al-Malga District Riyadh, KSA, “Al-Malga Urban Village” is an iconic mixed –use development that aims to provide a luxury experience for its users, situated on the junction of Anas Bin Malik road and Prince Turki Al Awwal road.

The project covers an area of approx. 75,000 sqm.

The design approach introduces a boulevard along the hotel and retail areas, connecting pedestrian streets and attraction nodes across the site. The outdoor area introduces many dynamic spaces.



A man in a blue suit is shaking hands with another person. He is holding a large white document. The background is a bright, modern office with large windows. The image has a blue tint.

— MAIN CLIENTS —



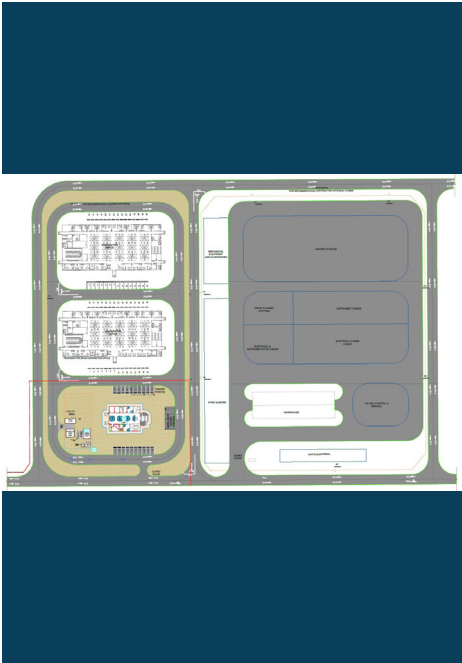
## Sweihan Site Facilities Area

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Services          | Design Services of Facility Buildings, Road and Infrastructure |
| Clients           | ADNOC                                                          |
| Location          | Al Dhafra Reigon – Sweihan                                     |
| Construction Cost | 28,500,000 AED                                                 |
| Start/End Date    | 2024                                                           |

## Description

The Sweihan region in Abu Dhabi are currently witnessing significant infrastructure developments aimed at enhancing the United Arab Emirates’ energy sector. ADNOC has undertaken the development of the Sweihan Site Facilities Area to support site operations in this key energy infrastructure region. Arabian Engineering Centre (AEC) was assigned by Marks Project Management to provide comprehensive design services for the facility buildings, roads, and infrastructure.

AEC’s scope of work included the design of all infrastructure and buildings, covering roads, dry utilities, wet utilities, architecture, structural elements, and MEP services.



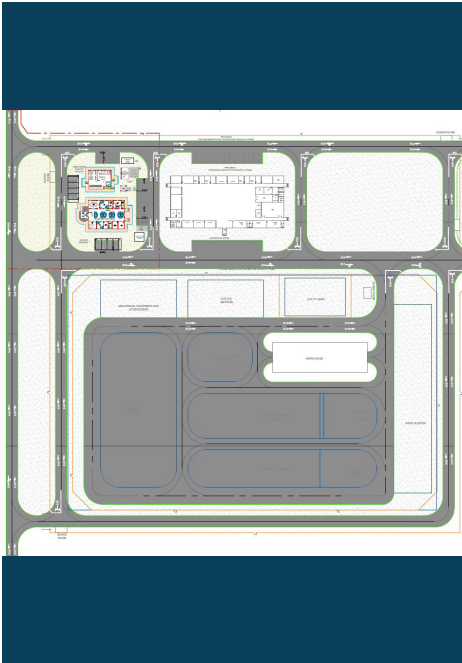
## Habshan Site Facilities Area

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Services          | Design Services of Facility Buildings, Road and Infrastructure |
| Clients           | ADNOC                                                          |
| Location          | Al Dhafra Reigon - Habshan                                     |
| Construction Cost | 22,750,000 AED                                                 |
| Start/End Date    | 2024 to 2025                                                   |

## Description

ADNOC has undertaken the development of the Habshan Site Facilities Area to support site operations in this key energy infrastructure region. Arabian Engineering Centre (AEC) was assigned by Marks Project Management to provide comprehensive design services for the facility buildings, roads, and infrastructure.

AEC’s scope of work included the design of all infrastructure and buildings, covering roads, dry utilities, wet utilities, architecture, structural elements, and MEP services.





## Mirfaa 2 RO Plant – Infrastructure & Pumping Stations

|                   |                                |
|-------------------|--------------------------------|
| Services          | Road and Infrastructure Design |
| Clients           | Al Nasr Contractor Company     |
| Location          | Al Dhafra Reigon – Mirfaa      |
| Construction Cost | 29,000,000 AED                 |
| Start/End Date    | 2021 to 2024                   |

### Description

The Mirfaa 2 Reverse Osmosis (RO) Plant was developed to enhance potable water production and distribution in the region. Arabian Engineering Centre (AEC) was assigned by Al Nasr Contracting Company to provide comprehensive engineering design services for the project.

AEC's scope of work covered the design and development of road and infrastructure works including 2 sewer lifting stations and 1 storm water lifting station, ensuring efficient water intake, treatment, and distribution.



## Developing Al Dhafra Landfill (HAMEEM) – Roads & Main Gate

|                   |                                            |
|-------------------|--------------------------------------------|
| Services          | Buildings, Roads and Infrastructure Design |
| Clients           | Tadweer                                    |
| Location          | Al Dhafra Reigon – Hameem                  |
| Construction Cost | 22,800,000 AED                             |
| Start/End Date    | 2021 to 2024                               |

### Description

Tadweer undertook the development of the Al Dhafra Landfill (HAMEEM) – Roads & Main Gate to enhance waste management infrastructure in the region. Arabian Engineering Centre (AEC) was assigned by Avanti Contractor to provide comprehensive engineering design services for the project.

AEC’s scope of work included the validation and modification of the design of all infrastructure, covering roads, dry utilities and wet utilities services. The project aimed to establish an efficient and sustainable landfill facility, integrating essential infrastructure components to support the operational needs of the site.





## Construction of 2 Steel Diesel Tanks – Mussafah Area

|                   |                                           |
|-------------------|-------------------------------------------|
| Services          | Structural and Mechanical Design Services |
| Clients           | Al Nasr Contractor Company                |
| Location          | Abu Dhabi – Mussafah                      |
| Construction Cost | 2,250,000 AED                             |
| Start/End Date    |                                           |

### Description

The Construction of Two Steel Diesel Tanks in the Mussafah Industrial Area was undertaken to support fuel storage and distribution operations. Arabian Engineering Centre (AEC) was assigned by Al Nasr Contracting Company to provide engineering design and supervision services for the project.

AEC’s scope of work included the structural, mechanical and fire & life safety design of the steel diesel tanks, ensuring compliance with safety and environmental regulations.



## Medical & Hazardous Waste Treatment Facility – Infrastructure & Buildings

|                   |                                            |
|-------------------|--------------------------------------------|
| Services          | Buildings, Roads and Infrastructure Design |
| Clients           | Tadweer                                    |
| Location          | Al Dhafra Reigon – Hameem                  |
| Construction Cost | 13,550,533 AED                             |
| Start/End Date    | 2018 to 2021                               |

### Description

Tadweer has undertaken the development of a Medical & Hazardous Waste Treatment Facility to enhance waste management and disposal services in the region. Arabian Engineering Centre (AEC) was assigned by Avanti Contracting to provide comprehensive engineering design services for the project.

AEC's scope of work included the design of all infrastructure and buildings, covering roads, dry utilities, wet utilities, architecture, structural elements, and MEP services. The project aimed to establish a safe and efficient facility for the treatment and disposal of hazardous and medical waste, ensuring compliance with environmental and health regulations.





## Saadiyat Island District Cooling Booster Pump Station

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Services          | Design or District Cooling Pump Station – Civil Works |
| Clients           | Tourism Development & Investment Co. (TDIC)           |
| Location          | Abu Dhabi – Saadiyat Island                           |
| Construction Cost | 3,500,000 AED                                         |
| Start/End Date    | 2016                                                  |

### Description

The Tourism Development & Investment Company (TDIC) initiated the Saadiyat Island District Cooling Booster Pump Station project to support the island’s growing cooling infrastructure. Arabian Engineering Centre (AEC) was assigned by TDIC to provide the Architectural, structural and MEP Design.

AEC’s scope of work included the design and engineering of the booster pump station building, covering architecture, structural elements, and MEP services.



## Al Ain Stadium & Mixed-Use Development – Infrastructure Works Phase 2

|                   |                                             |
|-------------------|---------------------------------------------|
| Services          | Design for Roads and Infrastructure Package |
| Clients           | Al Nasr COntacting Company                  |
| Location          | Al Ain                                      |
| Construction Cost | 1,100,000 AED                               |
| Start/End Date    | 2015                                        |

### Description

The Al Ain Stadium & Mixed-Use Development project included the construction of a multi-story car park as part of its infrastructure enhancement. Arabian Engineering Centre (AEC) was assigned by Al Nasr Contracting Co. L.L.C to provide comprehensive engineering design services.

AEC's scope of work covered the design and development of the car park's infrastructure, including structural elements, road access, dry and wet utilities, and MEP services. The project aimed to enhance accessibility, optimize parking capacity, and support the broader development of the stadium and mixed-use facilities.





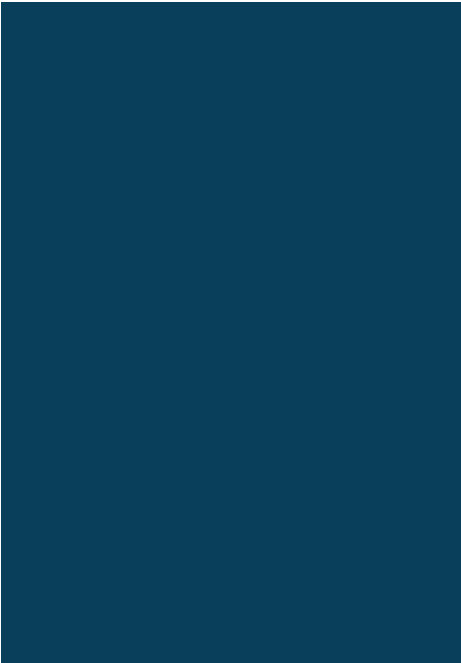
## Construction of New Fabrication Workshop & Storage Area at KIZAD

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Services          | Design Services for Architectural, Structural and MEP works |
| Clients           | Tourism Development & Investment Co. (TDIC)                 |
| Location          | Abu Dhabi – KEZAD                                           |
| Construction Cost | 22,000,000 AED                                              |
| Start/End Date    | 2015                                                        |

### Description

The Construction of a New Fabrication Workshop & Storage Area at KIZAD was initiated to support industrial expansion and storage needs within the Khalifa Industrial Zone. Arabian Engineering Centre (AEC) was assigned by Hidromontaza Contractor to provide specialized engineering design services.

AEC’s scope of work included the design of the workshop and storage area, covering structural, architectural, mechanical, and electrical engineering aspects. The project aimed to facilitate efficient fabrication processes, enhance operational workflows, and integrate advanced industrial infrastructure solutions.



## Smart Weigh-in Motion (WIM) Stations in the Emirate of Abu Dhabi

|                   |                                   |
|-------------------|-----------------------------------|
| Services          | Infrastructure Design Services    |
| Clients           | Integrated Transport Centre (ITC) |
| Location          | Abu Dhabi                         |
| Construction Cost | AED                               |
| Start/End Date    | 2024 to Date                      |

### Description

The Integrated Transport Centre (ITC) has initiated the development for state-of-the-art Smart Weigh-in-Motion (WIM) stations at three locations in the Emirate of Abu Dhabi, specifically Khatm Al Shiklah, Al Wathbah, and Seih Al Sedeirahto enhance traffic monitoring and transport infrastructure. Arabian Engineering Centre (AEC) was assigned by Al ALSUWEIDI Engineering Consultants to provide comprehensive design services for infrastructure wet and dry utilities.

AEC’s scope covered the planning and engineering of essential dry and wet utilities that serve the operation of the WIM Stations.

