



COMPANY PROFILE

www.aqleh.com

MANAGING DIRECTOR'S WORD

With over 40 years of extensive experience, I have personally witnessed the undulating tides of the global and regional economies, gaining firsthand insights into its fluctuations. Amidst all these changes, it is without a doubt that I attest to the region's upward trajectory. Even in the current economic milieu, the consistent and steady growth is a testament to the region's ability to adapt and respond to different global and market challenges.

Over the span of the past decade and a half, the GCC has undergone a meteoric surge in growth, necessitating a departure from conventional infrastructure paradigms to keep with its increased habitation needs. This realization, has galvanized us to contribute meaningfully by conceiving and executing modern and visionary roads and infrastructure projects.

It is a source of profound pride that each of our undertakings has resounded with cutting-edge strides in Roads & Infrastructure Development, serving as exemplars of innovation and advancement.

Our distinguished team of architects, engineers, and planning professionals are relentless in the pursuit of pioneering headway in critical infrastructural domains. AEC is committed to spearheading projects that transcend conventional engineering practices, infusing a modernized essence into the very fabric of the roads and infrastructure sectors across the GCC."

-Wageeh S. Aqleh



VISION

A professional and creative environment for our staff to be able to apply their knowledge and expertise in a nurturing atmosphere.



MISSION

Providing our clients with safe, sustainable, and innovative engineering solutions that comply with local and international standards while simultaneously minimizing the environmental impact of engineering & construction practices.



AMBITION

To be a global leader in engineering, renowned for excellence, innovation and environmental stewardship contributing to sustainable development through cutting edge solutions.



Sustainability

AEC is deeply committed to making a positive impact on the world and our communities as a responsible global citizen. Our purpose is to innovate and sustain the built, natural, and social environments for a better future. Derived from our core values, our ultimate goals include empowering our clients' success in a changing world, reducing waste, fostering innovation, and building an inclusive corporate culture that embraces sustainability as a framework for decision-making to manage risk and create opportunities.

Sustainability is integral to all our business sectors, driving us to do more with less, create value, and optimize conditions for human development. Our strong commitment to sustainability guides every aspect of our approach, from responding to proposals to examining issues with the best minds and skill sets from our resources. On every project, we aim to understand the true financial, environmental, human, and social impact to mitigate risks.

As a diverse organization, we collaborate with various stakeholders, including governments, local authorities, businesses, and non-profit institutions, to shape policies and strategies for more sustainable development. We focus on understanding cumulative effects and anticipating unintended consequences to minimize risks. Our vast resources, experience, and expertise across multiple disciplines help us enable clients to make the right decisions.

To support a successful and sustainable future for our clients, our corporate culture encourages our employees' passion for creating a better world, empowering them to explore new ideas and approaches that solve multiple problems simultaneously and achieve more with less.

Corporate Social Responsibility

AEC holds an unwavering commitment to prioritizing the well-being, health, and safety of all stakeholders involved, including our valued employees, esteemed clients, and trusted suppliers. Our dedication extends to the delivery of socially and environmentally responsible designs and products to our clients, thus ensuring that we remain at the forefront of sustainable practices.

In all our business endeavors, we steadfastly uphold principles of integrity and unwavering respect for human rights. Our ongoing mission is to cultivate and nourish an inclusive culture that actively encourages, supports, and celebrates diversity, recognizing that it is the foundation of our collective strength.

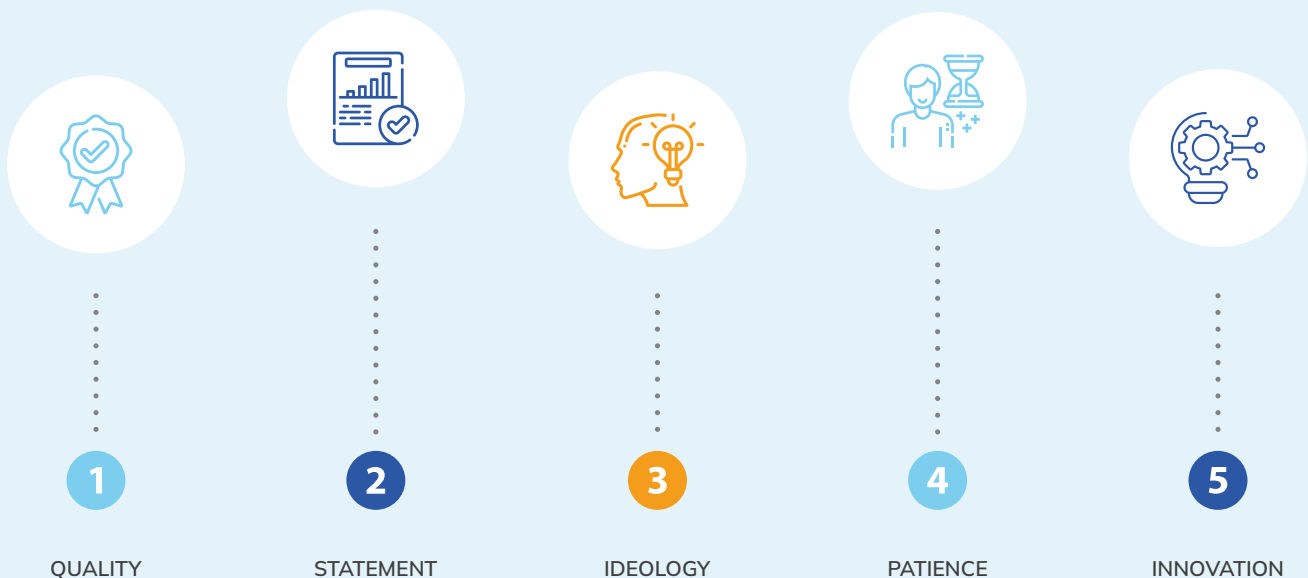
Our dedication to minimizing our environmental footprint is a guiding principle that underscores

our every action. We are resolutely committed to reducing our carbon footprint and engineering sustainable solutions for our clients and the wider community. This commitment drives us to prevent and, wherever feasible, minimize any adverse environmental impact.

As an integral part of our identity, we consider it paramount to serve the communities we are embedded in. Our commitment extends beyond words to actions, as we actively engage in programs and collaborate with registered charities. Through these initiatives, we continue to make meaningful contributions to the well-being and prosperity of the communities that have embraced us. Our ethos is firmly rooted in the belief that success is most fulfilling when it benefits not just us but the broader society we serve.

Our Core Values

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OUR SERVICES



Highways & Bridges

With the growing need for highways and bridges, AEC is prepared to assist our clients through adept civil, structural, and transportation engineering expertise. Our tailored approach caters to each project's unique needs, offering design blueprints, cost estimates, and material evaluations. We believe that this approach is best guided through establishing achievable milestones.

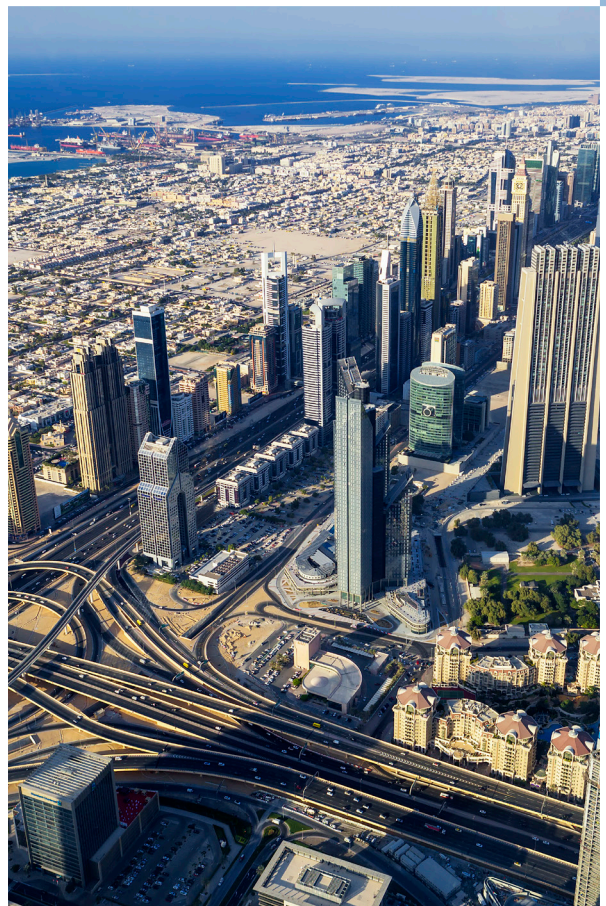
Rooted in our proficiency, ingenuity, and inventive methods, we've consistently delivered exceptional highways and bridges. These not only exemplify safety but also create a smooth and secure travel experience for all end users.



Utilities & Infrastructure

We take the challenge of producing outstanding infrastructure designs. It is a must for a reputed engineering consultancy to satisfy the utility service demands of the public as per the identified standards set by the local utility authorities.

AEC's utility team comprises of qualified engineers that handle the dry and wet infrastructure services. Dry services include the design of electrical power, street lighting, CCTV, and telecommunication services. Wet services, include the design of potable water, storm water, sewer, irrigation and firefighting systems.





Transport Planning

In the world of transportation planning, the flow of people and vehicles takes center stage. Our dedication involves recognizing and addressing our clients' transport-related concerns from the outset of the planning process. Our curated Transport Impact Studies assess potential transport implications, identifying their requisite countermeasures. These solutions span from subtle tweaks in existing roadways to the introduction of substantial new transport infrastructure.

At AEC inclusivity is at the core of our strategy. Our studies incorporate avenues for enhancing accessibility and safety, catering to diverse users, including pedestrians, cyclists, public transport users, and those with limited mobility. Transport modeling stands as a linchpin within our assessment framework.

We present a comprehensive array of modeling services, encompassing expansive network assignment modeling and intricate micro-simulation techniques. Proficiency in utilizing cutting-edge VISUM and VISSIM software underscores our experience in crafting meticulous models.



Landscaping & Public Realm

We blend landscapes seamlessly, driven by our deep commitment to harmonious integration. Our designs draw inspiration from the local environment, reflecting unique rhythms. This is our philosophy, rooted in environments feeling like a natural extension.

Our process explores the ecosystem, culture, and heritage, infusing designs with elements that honor the locality. By analyzing land contours, flora, fauna, and history, we transform landscapes into narratives of authenticity.

We move beyond engineering to become artists, crafting landscapes that function seamlessly and evoke belonging. The result is a fusion of design and environment, aligning elements to create functional, resonant spaces.





Urban and Master Planning

Our ability to shape masterplans for communities is a testament to our expertise in envisioning and realizing cohesive urban landscapes. Our collaborative workshops with clients serve as crucibles for creativity, where ideas are forged into comprehensive plans that go beyond mere development. In an era where the value of interconnected and sustainable living spaces is universally acknowledged, the art of master planning takes on newfound significance.

As the architects of these transformative designs, we navigate the intricate interplay of functionality, aesthetics, and community well-being. Each masterplan we conceive creates spaces that stand the test of time, embracing the essence of unity and inclusivity while nurturing the delicate balance between human needs and environmental harmony.



Architecture and Building Engineering

The architectural landscape has evolved into a dynamic and demanding arena, where budgets and timelines are under constant scrutiny. In the present era, clients are relentless in their pursuit of distinctive designs that set them apart in a fiercely competitive environment. This unwavering commitment to excellence extends to environmentally conscious and sustainable structures, a realm in which we enthusiastically thrive. Our focus is to thoroughly understand our clients' desires and translating them into tangible realities. Our architectural team excels in crafting innovative designs that span across the residential, commercial, and diverse building types. In our pursuit of excellence, we place a significant emphasis on incorporating industry-leading practices, including LEED certifications, green building techniques, and renewable energy technologies. These approaches not only yield unique, sustainable structures but also uphold our commitment to an eco-friendly, environmentally conscious future.





Building Information Modeling (BIM)

AEC stands at the forefront of harnessing cutting-edge technology for design, visualization, simulation, and coordination. Through these advanced tools, we engineer comprehensive workflow solutions that prioritize interoperability, ensuring the fidelity of data and enhancing overall efficiency. By integrating clash analysis and detection at the earliest stages of design, we proactively save valuable time and mitigate potential costs that might arise during construction due to issues detected later on. This is particularly crucial for maintaining a smooth construction process.

Our embrace of Building Information Modeling (BIM) tools and workflows is indispensable, especially for major and complex projects. BIM serves to streamline coordination among various disciplines to push the boundaries of design innovation. Each project's uniqueness is upheld through tailor-made workflows and BIM execution plans. In essence, our utilization of technology and workflow customization echoes our commitment to precision, efficiency, and excellence in every endeavor.



Project and Construction Management

AEC proudly stands as a prominent provider of Project & Construction Management services. Our engineers oversee the entire spectrum of project and construction activities, planning, coordination, control and supervision from inception through to fruition. We are committed to meeting our clients' needs and delivering outcomes that are both functional and cost-effective.

Our project and construction managers are versatile professionals, equipped with a wide array of skills, backed by experience, and possess comprehensive knowledge of managing diverse contract types. We excel in project and construction management, programming, supervision, design management, contract administration, and quality control. Our proficiency extends to effectively managing the intricate interactions among the myriad stakeholders in each project. Our cohesive team acts as a singular point of contact, fostering seamless communication and collaboration among all stakeholders.



OUR **WORK**



HIGH SPEED RAIL ROADS & UTILITIES

The first of its kind in the UAE, and the second in the region, the Etihad Rail High Speed Rail, is meant to connect the Emirates and cut travel time for passengers in half. With over 1,200 KM of track, the High Speed Rail will connect the Emirates of Abu Dhabi, Al Ain, Dubai, Sharjah and the Northern Emirates. Our work for the HSR includes the following:

- Concept and Preliminary Designs for all utilities along rail alignment in Abu Dhabi, Dubai, and Sharjah.
- Obtaining NOCs from all relevant authorities.
- Overall support in Concept Design stage.
- Reviewing landscaping along rail alignment.

Construction Value

- AED 6.4 Billion



ETIHAD RAIL



Dubai, United Arab Emirates



ETIHAD RAIL - STAGE 2, PACKAGE 2D ROADS & UTILITIES

The Etihad Rail is the first in UAE, the GCC and in the region. It is the freight rail that will run from the Northern Emirates to Abu Dhabi making multiple stops along the way. There are currently studies being done to link it to Saudi Arabia's proposed freight railway. Our work on this stage of the Etihad Rail includes:

- Roads & interchanges Design for Fourteen (16) Locations.
- Utilities Protection, Relocation and Diversion.
- Temporary Traffic Diversion
- Stakeholder and NOCs Approvals (Sharjah, Fujairah and Ras Al Khaimah).
- Develop BIM in relation to the roads and utilities networks

Construction Value

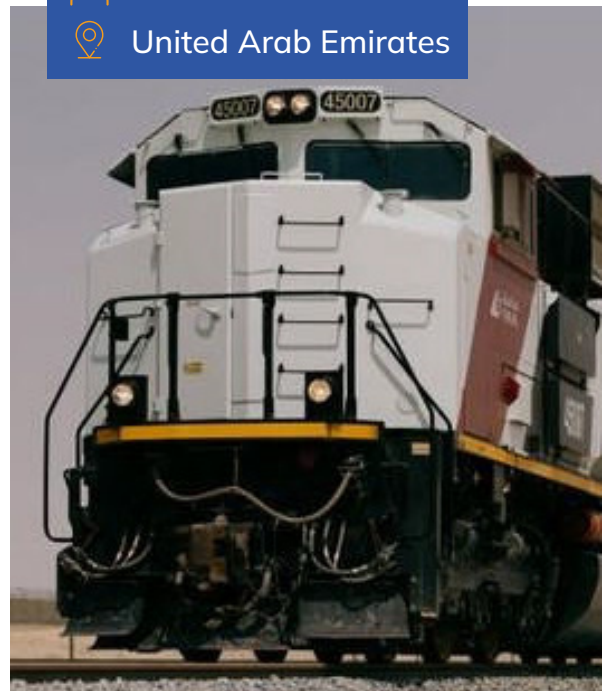
- AED 600 Million



ETIHAD RAIL



United Arab Emirates



ETIHAD RAIL - STAGE 2, PACKAGE 2F2 ROADS & UTILITIES

The Etihad Rail is the first in UAE, the GCC and in the region. It is the freight rail that will run from the Northern Emirates to Abu Dhabi making multiple stops along the way. There are currently studies being done to link it to Saudi Arabia's proposed freight railway. Our work on this stage of the Etihad Rail includes:

- Developing Road Design for E611.
- Design NOCs for all relevant authorities.
- Temporary traffic diversions.
- Preparing BoQs for roads and utilities and value engineering.
- Develop BIM models for E611 relating to roads and utilities networks.

Construction Value

- AED 180 Million

ROUTE 2020 DUBAI METRO RED LINE ROADS & UTILITIES

The Dubai Metro is the world's longest driverless metro with a track length of just under 90 KMs. To accommodate the EXPO 2020, the metro line extended under the Route 2020 project. Our work for the Route 2020 project includes:

- Redesigning roads along the metro alignment.
- Developing the integration of proposed metro stations with surrounding road networks and public transit systems including access, drop off, parking lots, bus and taxi stops

Construction Value

- AED 220 Million

 ETIHAD RAIL
 United Arab Emirates



 RTA
 Dubai, United Arab Emirates



AL SUFOUH TRAM NETWORK ROADS & UTILITIES

The Dubai Tram is the fourth tramway project in the world that operates using the Alstom APS based electric supply system; eliminating the need for overhead cables. It connects the Dubai Marina, Al Sufouh, and the Palm Jumeirah. Our work for the Dubai Tram includes:

- Develop Tram Alignment.
- Develop road improvement design.
- Design relocated utility networks.

Construction Value

- AED 180 Million



RTA
Dubai, United Arab Emirates



AQUIFER & STORAGE RECOVERY ROADS & UTILITIES

The Aquifer Storage and Recovery (ASR) program is a strategic reservoir in the Emirate of Dubai. Boasting a capacity of over 6,000 million imperial gallons, it is the largest of its kind in the world. It also uses solar energy to desalinate seawater making its sustainable, environmentally conscious, and cost effective. Our work on the ASR Project includes:

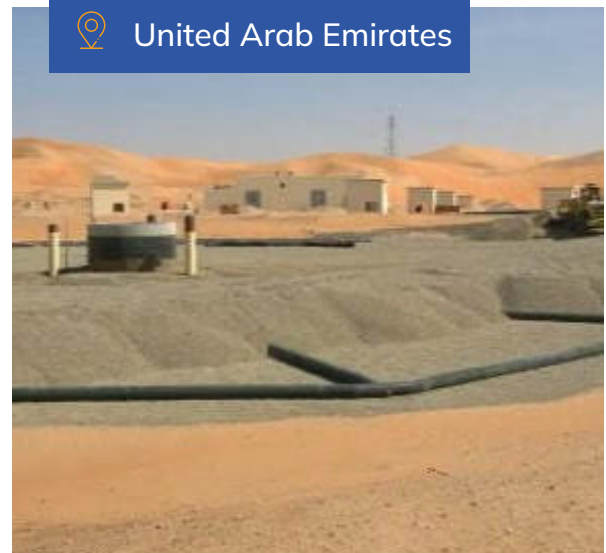
- Design of transmission and distribution networks.
- Design of internal roads networks.
- Design of associated facilities.
- Develop supply and installation of enabling works including site grading and leveling. .
- Obtaining certificates of completion from relevant authorities
- Construction supervision and engineering procurement

Construction Value

- AED 1.5 Billion



DEWA
United Arab Emirates



WATER TRANSMISSION LINES & MICROTUNNELING CONSTRUCTION SUPERVISION

In an effort to increase the resilience of water networks in Dubai, DEWA has undertaken micro-tunneling works across various locations in Dubai. AEC was tasked to supervise these works to ensure compliance and satisfactory standards. Our work includes:

- Construction Supervision.
- Inspection of constructed works.
- Review of shop drawings.

Construction Value

- AED 1.5 Billion



DEWA



Dubai, United Arab Emirates

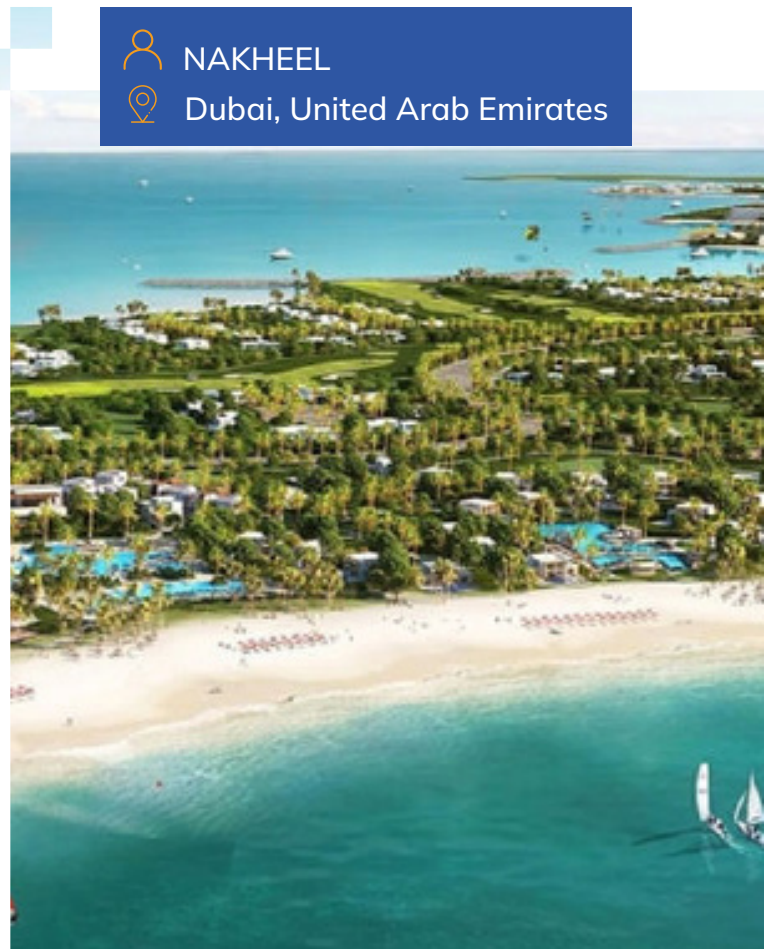
DEIRA ISLANDS A & B ROADS & UTILITIES

The Diera Islands now renamed Dubai Islands consist of 4 mixed-use Islands off the coast of Dubai. The islands are adjacent to Deira, where luxury resorts, open spaces, golf courses, and waterfront souk are in the process of being built. Our work for the Deira Islands include:

- Concept Design of Roads and Utilities including demand calculations and analysis for 4 islands.
- Detailed design for Road Networks and Utilities, soil improvement, and vibro compaction.
- Design approvals and obtaining NOCs for all relevant authorities
- Cost consulting and tendering services.
- Construction supervision of Phase 1.

Construction Value

- AED 600 Million



NAKHEEL



Dubai, United Arab Emirates

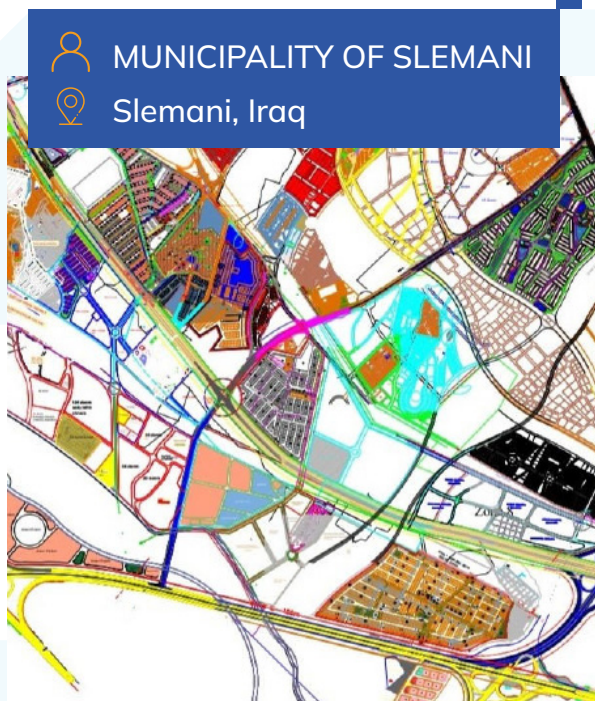
ALSLEMANI BUSINESS & RESIDENTIAL DISTRICT ROADS & UTILITIES

The Slemani Business and Residential District is a project that aims to develop a sustainable and modern urban area in the city of Sulaymaniyah, Kurdistan Region of Iraq. The project includes residential, business, and logistic zones. The project is expected to provide high-quality infrastructure and facilities, such as hotels, beaches, parks, golf courses, museums, souks, and malls. Our work for the Business and Residential District include:

- Master plan evaluation.
- Detailed design for Road Networks.
- Detailed design for all Utilities including stormwater, drainage, irrigation, firefighting, electrical, streetlighting, and telecommunications.
- Cost consulting and tendering services.

Construction Value

- AED 735 Million



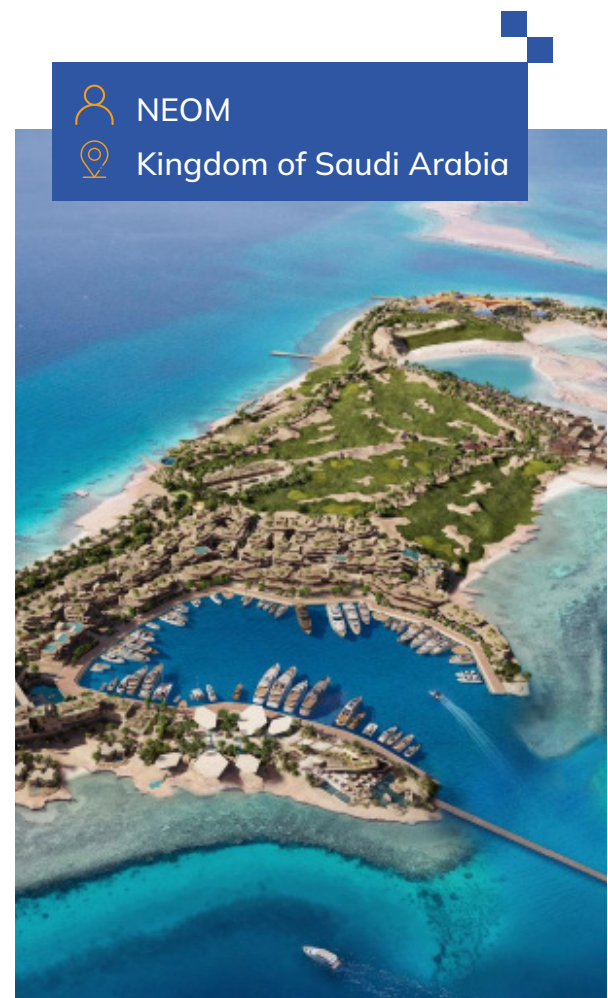
SINDALAH ISLAND - CLUSTER 5 ROADS & UTILITIES

Sindalah Island is an island located off the coast of Saudi in the Red Sea and features as part of the bigger development of NEOM. The island features ultra luxurious landmarks including 3 hotels, a 86 berth marina, beachclubs, yachtclubs, and sportsclubs. Our work on Sindalah Island includes:

- Developing site grading and earthworks.
- Developing all Road Networks for Cluster 5.
- Developing storm water surface drain strategy and preparing design plans.

Construction Value

- AED 50 Million



MOHAMMED BIN RASHID AL MAKTOUM CITY - D11 ROADS & UTILITIES

Our work for MBR D11 includes:

- Concept Design of Roads and Utilities for four phases.
 - Detailed Design for Bicycle and Jogging Tracks.
 - Roads and Utilities networks including Sewerage, Drainage, Water & Irrigation, Firefighting, Electrical, Street Lighting and Telecommunication Networks for phases 1 & 2.
 - Detailed Design of Utility Buildings, lifting stations, pumping stations.
 - Design NOC's and permits from all relevant authorities.
 - Cost Consultancy and Construction Supervision.
- Construction Value**
- AED 660 Million



MEYDAN



Dubai, United Arab Emirates



MOHAMMED BIN RASHID AL MAKTOUM CITY - DISTRICT 1 ROADS & UTILITIES

Our work for MBR D1 includes:

- Concept Design of Roads and Utilities for four phases.
- Detailed Design for Bicycle and Jogging Tracks.
- Roads and Utilities networks including Sewerage, Drainage, Water & Irrigation, Firefighting, Electrical, Street Lighting and Telecommunication Networks for phases 1 & 2.
- Detailed Design of Utility Buildings, lifting stations, pumping stations.
- Design NOC's and permits from all relevant authorities.
- Cost Consultancy and Construction Supervision.

Construction Value

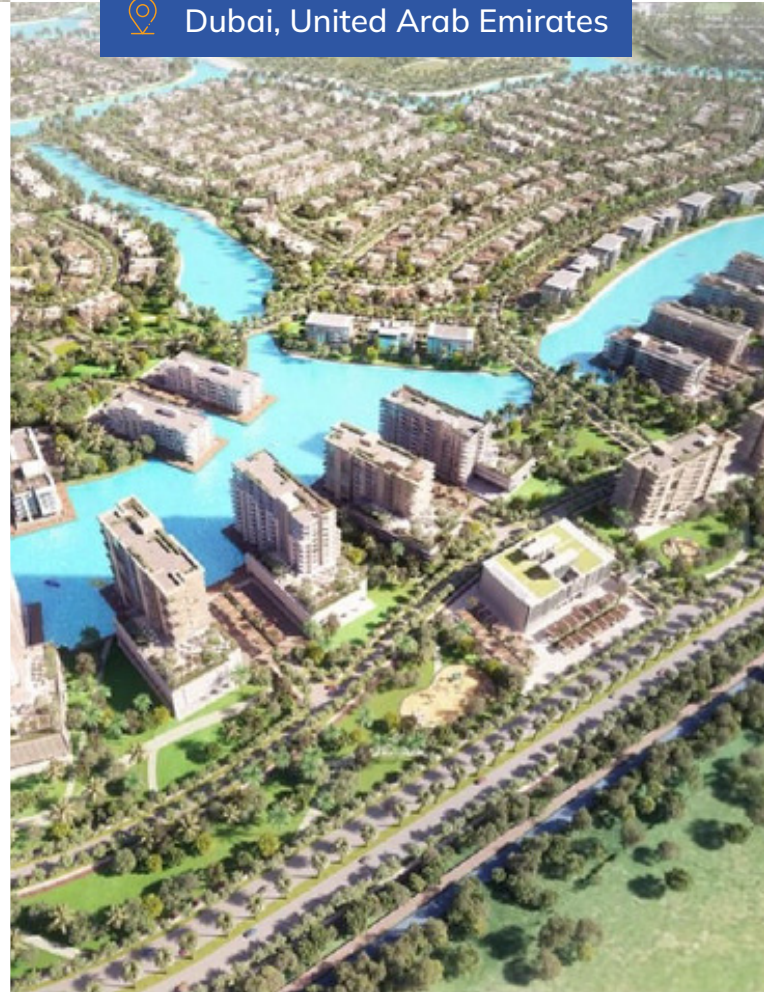
- AED 480 Million



MEYDAN



Dubai, United Arab Emirates



QUICK WINS R-1015 ROADS & UTILITIES

In an effort to bolster the flow of traffic and alleviate congestion, the RTA commissioned work for multiple areas in Dubai including Dubai Marina, Sheikh Zayed Road, and Jumeriah. Our work on the Quick Wins project includes the following:

- Design NOCs from all relevant authorities.
- Cost consulting and tendering services.
- Construction supervision and documentation.

Construction Value

- AED 380 Million



RTA



Dubai, United Arab Emirates



JUMEIRAH CENTRAL- PHASE 1

ROADS & UTILITIES

Jumeirah Central will be Dubai's first genuine mixed-use community, offering 24/7 vitality, year-round economic resiliency and efficient optimisation of infrastructure

Jumeirah Central will be Dubai's first genuine mixed-use community, offering 24/7 vitality, year-round economic resiliency and efficient optimisation of infrastructure. It is a planned mixed-use district in Dubai that aims to provide a vibrant and sustainable urban environment for residents and visitors. Our work on Jumeriah Central includes:

- Detailed Design for Roads & Utilities including Sewage, Drainage, Water & Irrigation, Firefighting, Electrical, Street Lighting and Telecommunication Networks.
- Detailed Design of Utility Building, lifting stations, pumping stations and storage tanks.
- Detailed Design of Pedestrian Underpass. Building Permits & Design NOCs from the relevant authorities
- Cost Consultancy and Tendering Services.
- Construction Supervision.

Construction Value

- AED 150 Million

 JUMEIRAH CENTRAL GROUP
 United Arab Emirates



MEYDAN DIAMOND BUSINESS PARK ROADS & UTILITIES

Part of Meydan's Overall Masterplan, The Diamond Business Park is comprised of 16 buildings that are both residential and commercial. Our work on this project includes:

- Design Review of Roads and landscape drawings.
- Review the submitted documents to ensure it meets Employer's Guidelines & project scope.
- Review of the design calculations as per international & local standards.
- Review of design compliance with relevant authority standards.
- Construction Supervision.

Construction Value

- AED 102 Million



MEYDAN



Dubai, United Arab Emirates

STORMWATER NETWORK RAS AL KHAIMAH

As the Northern most emirates works to establish its name in the region, it has undergone a monumental surge its quest to upgrade its infrastructure. This includes its storm water network. Our work on the Storm water Network includes this following:

- Preliminary Study and development of Concept.
- Detail Design of Storm Water Network including design calculations, design drawings and technical specifications in Built and Non-Built Asphalt Roads.
- Secure Design NOCs and approval from authorities.
- Develop Tender Documents, Construction Cost estimate, provide Tendering Services.
- Prepare a Geotechnical investigation scope of work.

Construction Value

- PHASE 1: AED 50 Million
- PHASE 2: AED 60 Million

INTERNAL ROADS IN AL QUOZ 2 ROADS & UTILITIES

To alleviate traffic in Al Quoz, the RTA undertook the Internal Roads in Al Quoz 2 Project erecting a 2 lane bridge spanning 988 meters to bypass traffic. Our work on the project includes:

- Design NOCs from all relevant authorities.
- Cost Consultancy and Tendering Services.
- Construction Documentation & Supervision.

Construction Value

- AED 57 Million



GOVT OF RAK



RAK, United Arab Emirates



RTA



Dubai, United Arab Emirates



DEWA NDRC WORKS ROADS & UTILITIES

Non-destructive road crossings (NDRC), also known as trenchless technologies, are methods of installing or repairing underground infrastructure without excavating the entire road surface. This approach minimizes disruption to traffic flow, reduces construction time and costs, and causes less environmental impact compared to traditional open-cut methods.

- Construction Supervision. Inspection of constructed works.
- Review of shop drawings.

Construction Value

- AED 50 Million

AL HAMRA VILLAGE DUAL CARRIAGE WAY ROADS & UTILITIES

Al Hamra Village is a mixed-use development project in Ras Al Khaimah, that combines heritage and modernity in a secure and gated residential neighborhood. The dual carriage way operates as an artery in and out of Al Hamra Village. Our work included:

- Validation of Concept Design of Utilities & Roads.
- Detailed Design for Roads Network.
- Detailed Design for Utilities.
- Street scaping detailed design.
- Design approvals, NOCs and permits from all relevant authorities.
- Cost Consultancy and Tendering Services.

Construction Value

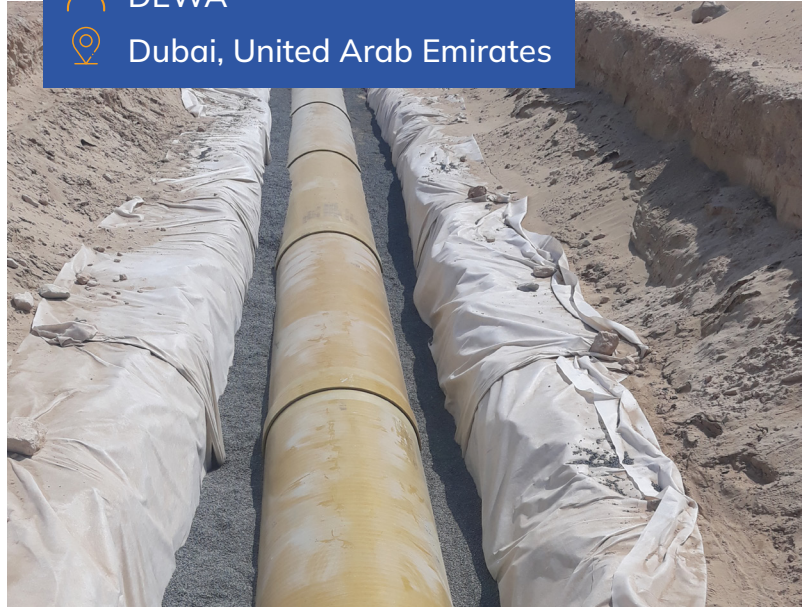
- AED 20 Million



DEWA



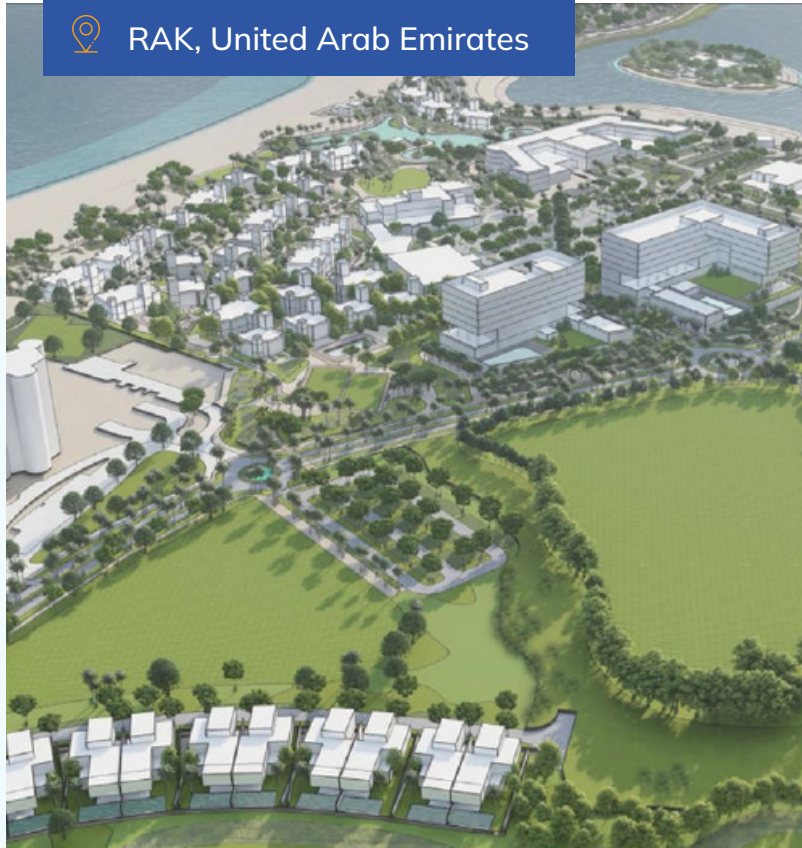
Dubai, United Arab Emirates



AL HAMRA DEVELOPERS



RAK, United Arab Emirates



BUSINESS PARK AVE MASTER PLANNING & LANDSCAPE

As the new Dubai South emerges on the scene, new developments are in the works including the highly anticipated Business Park Ave. The project is set to include commercial and residential complexes. Our work on the Business Park Avenue includes:

- Design Review of Roads and landscape drawings.
- Review the submitted documents to ensure it meets Employer's Guidelines & project scope.
- Review of the design calculations as per international & local standardsReview of design compliance with relevant authority standards.
- Construction Supervision.

Construction Value

- AED 91 Million



DUBAI SOUTH



Dubai, United Arab Emirates



AL ROWAYYIAH THIRD MASTER PLANNING & LANDSCAPE

Al Rowayyiah is a plot of approximately 534,000 square meters at the intersection of E44 and E611. Al Wasl intends to create a sustainable and unique living space that includes community gardens, a mosque, and a kindergarden; allocating 10% of the development to retail and commercial units and 90% devoted to residential and residential facilities. Our services on Al Rowayyiah include:

- Detailed Master plan.
- Concept design for Road, Utilities, and Infrastructure Networks..
- NOCs from all relevant authorities.
- Final 3D and renders for detailed master plan.

Construction Value

- TBD



AL WASL



Dubai, United Arab Emirates



DESIGN OF 10 BRIDGES IN ABU DHABI ARCHITECTURAL & STRUCTURAL

Ministry of Presidential Affairs intended to construct 10 Bridge Crossing over man-made water canals within Al Abyadh Island, Abu Dhabi to provide the connectivity between both sides of the canal. AEC was commissioned to design these bridges with an average span of 50 - 150m and widths of 10-12m.

- Construction Supervision.
- Inspection of constructed works.
- Review of shop drawings.

Construction Value

- AED 98 Million



MINISTRY OF PRES. AFFAIRS



Dubai, United Arab Emirates



UPGRADING SALIK GATES ARCHITECTURAL & STRUCTURAL

Salik, meaning “road” in Arabic, is an electronic toll road system designed to streamline traffic flow and enhance transportation efficiency in Dubai. As part of the project, AEC was commissioned to overhaul & upgrade the gantries with new modifications to enhance their quality, increase their lifespan, and use sustainable technologies. Our work includes:

- Re-designing civil infrastructure and structure to accommodate technological upgrades.
- Installing solar panels to reduce energy consumption.
- Improving gantry access design to prevent unauthorized entry

Construction Value

- TBD

DESIGN OF BRIDGES IN RAS AL KHAIMAH ARCHITECTURAL & STRUCTURAL

As part of its effort to grow the Emirates’ infrastructure, the Government of Ras Al Khaima, erected bridges across the Emirates to enhance the follow of traffic. Our services on th Bridges in RAK include:

- Detailed Structural Design of Bridges.
- Coordination with Authorities & Stakeholders.

Construction Value

- AED 120 Million



SALIK



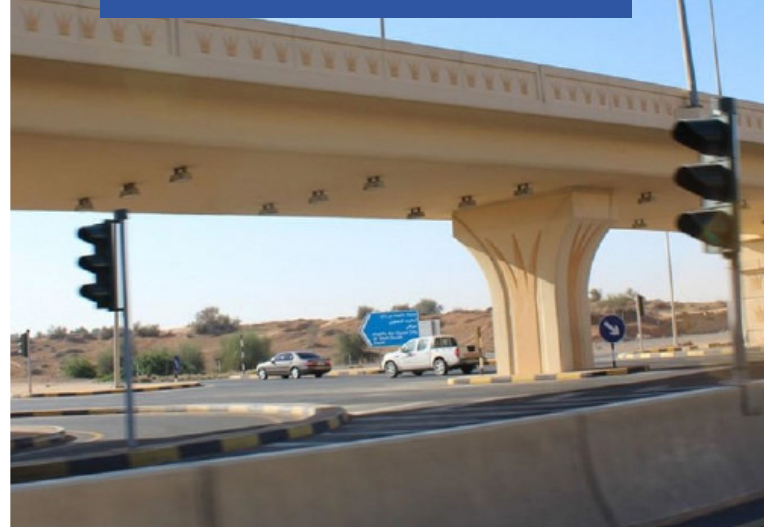
Dubai, United Arab Emirates



GOVT OF RAK



RAK, United Arab Emirates



PALM JUMEIRAH INTERCHANGE MODIFICATION STRUCTURAL & INFRASTRUCTURE

The Palm Jumeirah Interchange is a road junction that connects the Palm Jumeirah island to the mainland of Dubai. It consists of a bridge, a monorail, and a tram system that provide access to the various attractions and facilities on the island. Some of our work on the Palm Jumeirah Interchange includes:

- Traffic Study.
- Detailed Design of the Bridge.
- Detailed Design of Roads and Utilities Networks.
- Design Approvals and NOCs from all relevant authorities.
- Cost Consultancy Services and Tendering Services.

Construction Value

- AED 78 Million



RTA



Dubai, United Arab Emirates



SEWAGE PUMPING STATION STRUCTURAL & MEP

Dubai Municipality constructed a pumping station with a plot area of 10,000m². The project comprises of six building structures including sewage pumping station with a capacity of 3.5 m³/s, electrical building, accommodation building, chiller plant, firefighting tanks, pump station and fuel tank. AEC was commissioned to undertake the building design buildings, roads, and utilities including:

- Structural Design of the underground pump station at depth of 25m.
- Architectural and Structural Design of the buildings.
- Firefighting and fire alarm system for the buildings.
- Design of Roads and Utilities.
- Design NOCs from all relevant authorities.
- Cost Consultancy and Tendering Services.

Construction Value

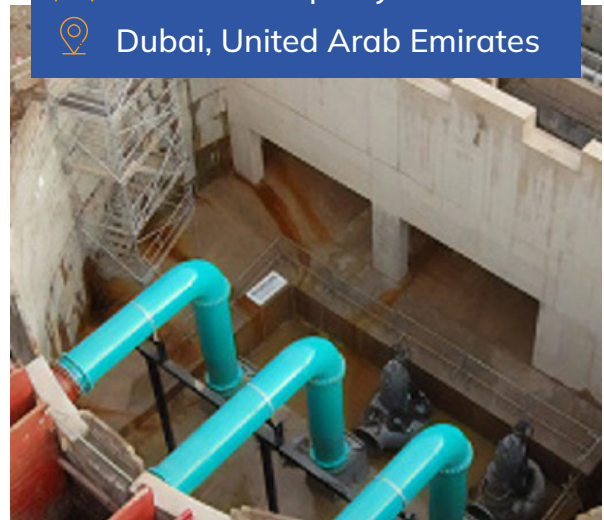
- AED 40 Million



Dubai Municipality



Dubai, United Arab Emirates



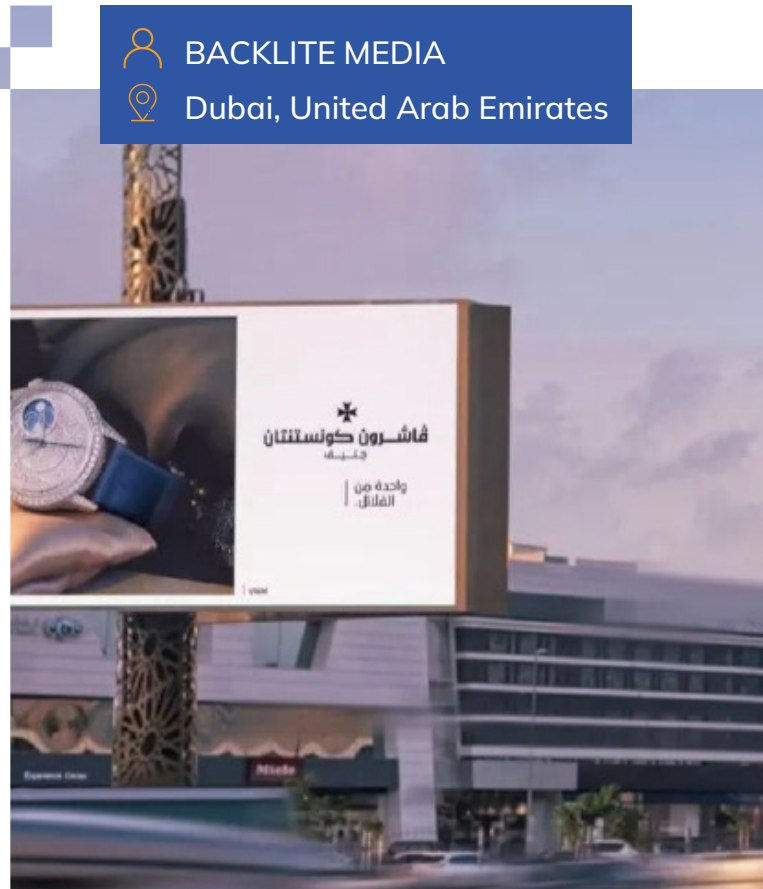
BACKLITE ADVERTISEMENT PILLARS ARCHITECTURAL & STRUCTURAL

Dubbed the "Triple Crown" these billboards illuminate Sheikh Zayed Road and can be seen from miles away. Our work on the advertisement pillars include:

- Structural Design for the new signage and calculation Loads for the existing signage.
- Traffic Diversion Plan.
- Electrical Design for substation.
- Design Approvals and NOCs from all other relevant authorities.
- Cost Consultancy and Tendering Services

Construction Value

- AED 20 Million



BACKLITE MEDIA



Dubai, United Arab Emirates

TAIWAN ISLANDS VILLAS ARCHITECTURAL & STRUCTURAL

The Taiwan Islands, where these magnificent structures stand are part of Dubai's The World Islands. Created as an exact replica of the world and its seven continents. The villas on the Taiwan Islands draw their inspiration from the

- Detailed Structural Design.
- Detailed Design for utilities network including storm water collections system, sewerage collection and treatment, recycled water facility, firefighting, marine connections point and electrical generators and diesel tanks.

Construction Value

- AED 36 Million



RAJJA DEVELOPMENT



RAK, United Arab Emirates

MOSQUE IN AL SUFOUH 2 STRUCTURAL & INFRASTRUCTURE

As part of its charitable initiatives, the AEC team reached out to the Dubai Islamic Affairs & Charitable Activities Department to design and supervise the building of a mosque in Al-Sufouh Second. Our work on this mosque includes the following:

- Design of Architectural, Structural, MEP, Firefighting System.
- Design of Soft and Hard Landscaping.
- Design of the Mosque Access, Parking and Utilities Network.
- Design of the tie in External Roads & Utilities Network.
- Building permits and Design NOCs from the relevant authorities.
- Cost Consultancy and Tendering Services.
- Construction Supervision.

Construction Value

- AED 7 Million



Dubai Islamic Affairs



Dubai, United Arab Emirates



SKYWALK PEDESTRIAN BRIDGE ARCHITECTURAL & STRUCTURAL

The Pedestrian Bridge links Emaar's Burj Crown and Forte towers. Extending between the two towers, it sits over 6 meters above the ground. Our work on the pedestrian bridge includes:

- Detailed Design for Pedestrian Bridge.
- Obtaining Authorities Approvals.
- Construction Supervision

Construction Value

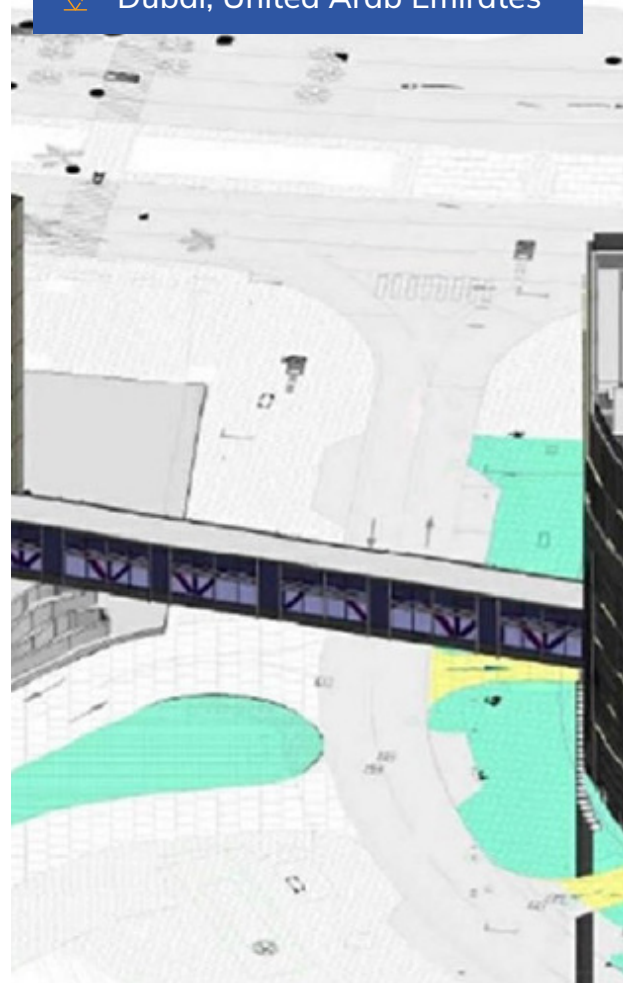
- AED 9 Million



EMAAR



Dubai, United Arab Emirates



CANAL WEST ZONE TRAFFIC IMPACT STUDY

Inspired by different school of classic architecture, the Canal West has five towers each inspired by different architectural impressions: Mediterranean, European, Venetian, Spanish and Arabian. Our work on the Canal West project includes:

- Collect and review available TIS reports, land use information for the plots in the study area.
- Calculation of the expected vehicle trip generation for the vacant plots for a typical weekday
- Analysis of the expected traffic conditions after all the vacant plots are fully developed.
- Assessment of proposed one-way system with different scenarios.
- Assessment of the safety and parking issues.

Construction Value

- STUDY

MARRIOTT RESORTS TRAFFIC IMPACT STUDY

The Marriott Resort in Ras Al Khaimah is a five-star luxury development. The resort will be located on Al Marjan Island, a man-made island off the coast of Ras Al Khaimah that features a range of hotels, residences, and attractions. Our work for the Marriott Resort includes:

- Support for Master Planning.
- Developed Circulation Study and reports.
- Submission of application to relevant authorities.

Construction Value

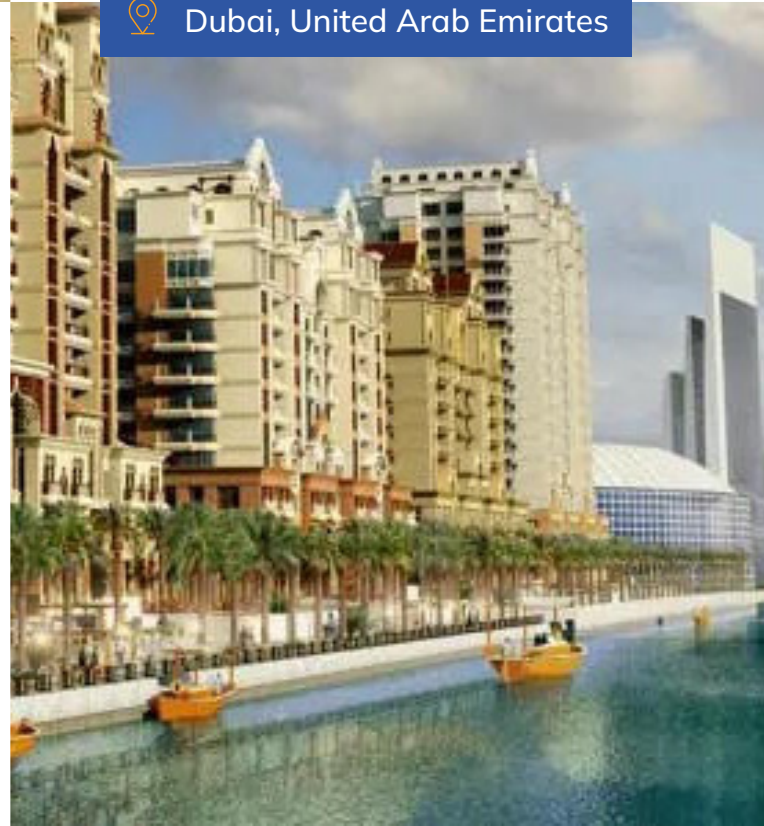
- STUDY



DUBAI SPORTS CITY



Dubai, United Arab Emirates



MARRIOTT BONVOY



RAK, United Arab Emirates



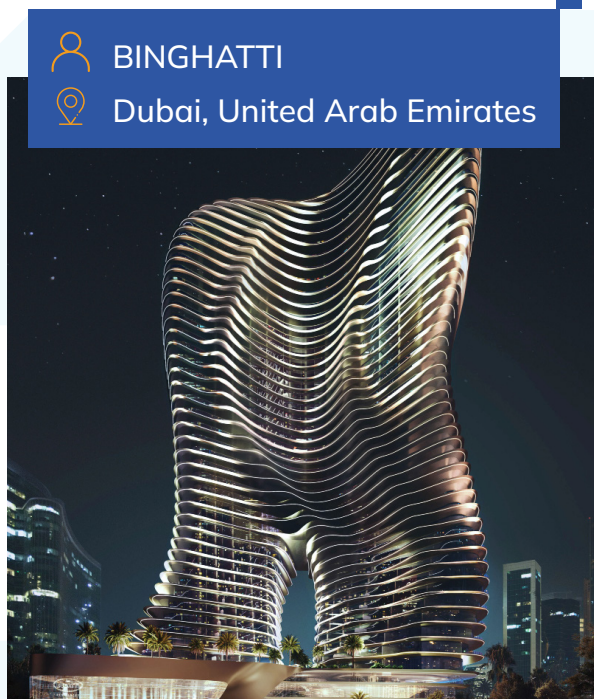
BINGHATTI x BUGATTI TRAFFIC IMPACT STUDY

Bugatti Residences by Binghatti is a newly launched, elite residential project by the development company of Binghatti Properties. The complex includes two towers with a wavy design and the facade is characterised by fluid lines and subtle contours reminiscent of the resort-inspired lifestyle of the French Riviera. Our work for the Bugatti Residences includes the following:

- Calculation of the expected vehicle trip generation for the vacant plots for a typical weekday in the AM, LT, and PM peak hour periods.
- Developed Circulation Study and reports.
- Submission of application to relevant authorities.

Construction Value

- STUDY



BINGHATTI x JACOB & Co. TRAFFIC IMPACT STUDY

The Jacob & Co. Tower in Dubai is a skyscraper that will be designed by the luxury watchmaker and jewelry brand Jacob and Co. Standing at 100 stories high, this is the tallest residential tower in the world. Our work for the Jacob & Co. Tower includes the following:

- Calculation of the expected vehicle trip generation for the vacant plots for a typical weekday in the AM, LT, and PM peak hour periods.
- Developed Circulation Study and reports.
- Submission of application to relevant authorities.

Construction Value

- STUDY



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