

Cost Consultancy & Supervision Capability Statement

Why AEC

Introduction

Aqleh Engineering Consultant (AEC) has been established since 2006 in Dubai, UAE and we offer a wide range of services for our esteemed clients' that includes Utilities and Networks Design, Transportation Planning, Highways and Bridges Design, Contracts and Cost Consultancy, Construction and Program Management, Architectural and Building Design, Urban and Master Planning and Landscaping, aiming to cater for all our client's needs to be provided in one integrated offer.

In 2017 the company was partially acquired by **HH Sheikh Juma bin Maktoum Al Maktoum**, and now operates under the umbrella of HH's SJM Group.

Contracts and Cost Consulting Team

AEC offers a full range of provides the public and private sector with a comprehensive project consultation for pre and-post contract administration, claims management, commercial and contractual support with a focus on minimizing client risks and enhancing value.

Project and Construction Management Team

AEC is a leading provider of Project & Construction Management services to civil engineering infrastructure and transport schemes. Our consulting engineers manage all project and construction activities including planning, co-ordination, control and supervision from inception to completion. We are committed to fulfilling clients' needs, delivering a functional and cost-effective result.

Our project and construction managers are multi-skilled professionals with experience in most design disciplines and comprehensive knowledge of managing various types of contract. We are proficient in all areas of project and construction management including planning, programming, site investigation and supervision, design management, contract administration, procurement and purchasing, and quality control and assurance. We have extensive experience in managing the interactions between the many different stakeholders within each project. Our team provides a single point of contact for all parties.

Approved Consultant

AEC is approved by several authorities such as Roads and Transport Authority (see below) as well as Dubai Municipality for projects up to a value of AED 200,000,000 which enables our team to work on major projects.



هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



Prequalification Certificate

Company: AQLEH Engineering Consultant

Reg#: A010-0160169

Type: Consultant
Address Suite 406 Bay Square Building No. 12, Al Abraj Street, Business Nay, Dubai, UAE
Telephone 043686364
Fax 043686412

Dear M/s **AQLEH Engineering Consultant**

Further to your request for prequalification, we are hereby pleased to advise you that your application has been successfully considered and your company is approved for RTA Projects as per the following activities:

Agency	Department	Work Scope	Value Limit (AED)	Status	Expiry Date	Other Conditions
Traffic & Roads Agency	Roads	General Roads & Structural Works (Bridges & Tunnels) Consultancy	300,000,000	Prequalified	08 Feb 21	Prequalified (300,000,000) Construction Value
Traffic & Roads Agency	Roads	Roads Consultancy	100,000,000	Prequalified	08 Feb 21	Prequalified
Traffic & Roads Agency	Traffic	Traffic Impact Studies	1,000,000	Conditionally Prequalified	17 May 21	up to 5000 Trips/hour

Comprehensive Knowledge

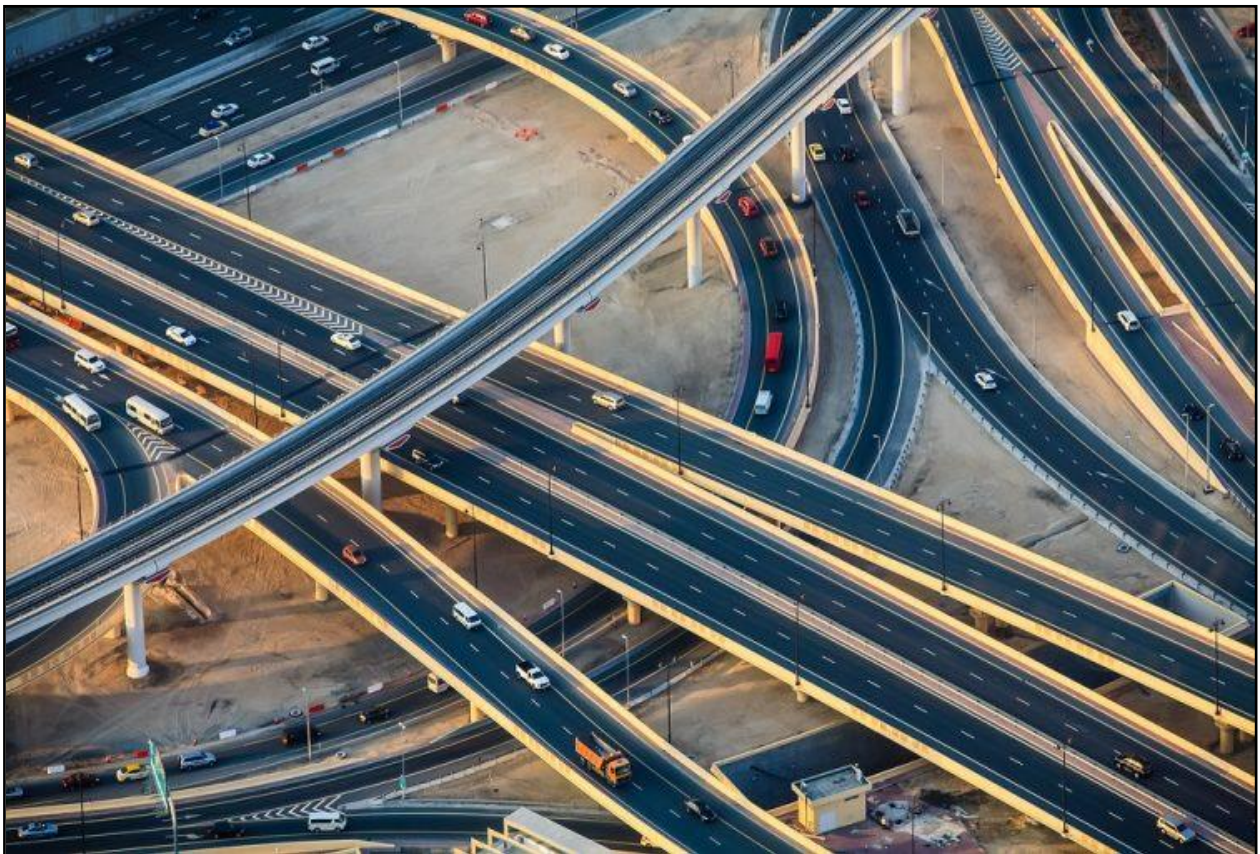
The team has developed a very comprehensive knowledge of the emirates most notably in Dubai, Abu Dhabi and Sharjah. This has been achieved through our talented team who have many years of experience working on exciting and challenging projects throughout the UAE region.

Proven Track in Delivering

Delivery of major projects requires a team of professionals to work in a fully integrated manner with the client, and who are fully capable of meeting project targets on time, on budget and to the quality expected.

AEC has a proven track record in working closely with our clients and Authorities such as the **Roads and Transport Authority** and **Dubai Municipality** in order to achieve an optimized and accelerated delivery schedule to fulfil all our clients' goals.

This we believe gives AEC an understanding of what is involved in delivering projects successfully to all our valuable clients and places AEC as the partner of choice to deliver projects that will shape the future of our emirates.



Capability & Services

Our team currently offers its clients a wide range of services via the skill set of the Project Management, Cost Consulting, Construction Management and Construction Supervision team. Set out below is a description of our current products and service offerings.

Pre- Contract Services

- Bills of Quantities Preparation
- Bill Share Programming and Management
- Estimating Support and Cost Planning
- Cash Flow Forecasts
- Tender Review and Analysis
- Procurement Advise, Selection and Management
- Contract Advise, Drafting and Selection
- Contract Negotiation and Execution
- Activity and Material Scheduling and Appraisals
- Planning
- Bid Management Support



Post- Contract Services

- Sub-Contract Procurement
- Contractor's Financial Management
- Interim Valuations
- Variations
- Monthly Cost/Value Reconciliation
- Re-Measurement. Cost Evaluation, Review and Advice



Construction Supervision

Professional supervision of construction works is a prerequisite for the successful implementation of a project in terms of time, quality and cost. During the critical implementation phase AEC supports customers by providing the following services:

- Design Verification in accordance with legal requirements
- Project Execution and Material Control
- Technical Assistance
- Control, verification and filing of documents and documentation
- Technical and legal expertise
- As-built documentation



HSE Coordination

Our wide range of safety coordination services includes

- Advices in preventive measures
- Safety risk analysis
- Verification/Development of health and safety plans
- Control of personnel protection equipment (helmets, gloves, shoes, etc.)
- Training for management, supervisory and execution personnel of subcontractors and visitors



Our Team

Introduction

The dedicated team brings a wealth of experience built over many years both in the UAE and globally. Set out below are our key staff that will be working to secure that our Client projects are a resounding success.

Associate – Commercial & Contracts

Muhammad Imran Mirza



Imran has more than 19 years of professional experience in Commercial, Contracts and Project Controls Management in the field of Civil Engineering particularly Infrastructure projects with wide knowledge of local & international standards. His experience entails from inception to design, construction and closure of number of projects. He is Dubai Municipality Approved Project Manager. He leads the team of engineers and oversees projects as well as being in close contact to clients.

Quantity Surveyor

Touseef Safdar



Touseef has a total 11 years of extensive hands on working experience in Quantity Surveying and Value Engineering of Civil Engineering Projects. Spent over 10 years in UAE on major infrastructure, bridges & highway projects. He is well aware of FIDIC and CESMM and can work independently, initiate and respond to contract correspondences, draft techno-commercial proposals, prepare and finalize interim project payments and final payments, preparation of progress payments, prepare handing over certificates, Evaluation of variations He is also responsible for the project close out of various projects particularly in finalizing Contractor's Final Payment Certificate and the claims for Extension of Time and Variations.

Quantity Surveyor

Kamran Shahzad



Kamran has a total 10 years of extensive hands on working experience in Quantity Surveying and Value Engineering of Civil Engineering Projects. Spent over 10 years in UAE on major infrastructure, buildings, bridges & highway projects.

Senior Resident Engineer
Salahuddin Siddiqui



Salahuddin has more than 38 years proven track record of progressive construction and management experience in all phases of large scale construction projects which allow him to apply his extensive experience in project management, engineering, legislation, health and safety policies and procedures for major civil works involving, Roads, highways infrastructure services and reinforced concrete structure. Experience in construction of mega infrastructure projects including roads, bridges highways, earth works etc. in UAE, KSA and Pakistan.

Resident Engineer
Saad Al-Dabbagh



Saad is an experienced Senior Infrastructure Manager, Resident Engineer (RE), and Project Manager (PM), certified as a Professional Engineer (P.E.) of Ontario, Canada with over 25 years of Canadian and international experience. The recent experience includes Experience in managing, supervising and monitoring roads and infrastructures.

Resident Engineer
Munir Sallam Abu Mahfouz



Munir has over 32 years of experience in various constructions, of Highways, Infrastructure, Bridges and Transportation System. Maintenance Management. He is well conversant with all aspects of construction/ traffic management, Quality control procedures, Safety techniques. Estimation and Quantity Surveying, Bill preparation, Processing Request for Approval and follow up, Contract Conditions, Managing (technical office, site activity and all project resources). Coordination Meetings with (other Contractors, Consultant, Client, Service Authorities).

Our Experience

AEC has assembled a team that has experience in providing their services for a wide range of projects. A selection of the project experiences are set out below:

Project: Al Khawaneej First (R-910)
Client: Roads and Transport Authority (RTA)

AEC was commissioned by RTA for Project R910 Roads in Al Khawaneej First. The project consists of the design and construction supervision of approximately 70km of internal roads within Al Khawaneej First Residential Area, Community No 281.

- Detailed Design for Road Networks, Site Grading and Utilities (Dry and Wet)
- Design NOCs and permits from all relevant authorities.
- Cost Consultancy and Tendering Services.
- Construction Supervision.



Project: Various Improvements “Quick Wins” in Bur Dubai and Deira (R1015/3)
Client: Roads & Transport Authority

AEC was commissioned by RTA for the project R1015/3 Various Improvement & Implementing Quick Wins. The project is a two year agreement to work with RTA which includes design of Improvements to existing roads and intersections, widening of existing roads, parking, Kerb lines and / or new construction of the same and any other minor road works deemed necessary at several locations in Dubai.

Key Services:

- Detail the concept design done earlier for work orders and as per RTA instructions which include detailed design of roads network and all other utilities networks (Dry and Wet)
- Obtain Design NOC's and permits from all relevant Authorities
- Cost Consultancy (Quantities Take off & BOQ's)
- Construction Supervision



Project: Deira Islands A & B

Client: Nakheel

The development comprises the construction of four islands (A, B, C & D) off the coast of Dubai. These islands will have a total land mass of approximately 1,500 hectares to enable a population of approximately 400,000 to inhabit the islands. The four islands will be connected to each other via at grade roads and to the mainland via bridges through Island A & B. AEC was commissioned to utilize the Highways, Utilities and Construction Management Teams to provide the following services.

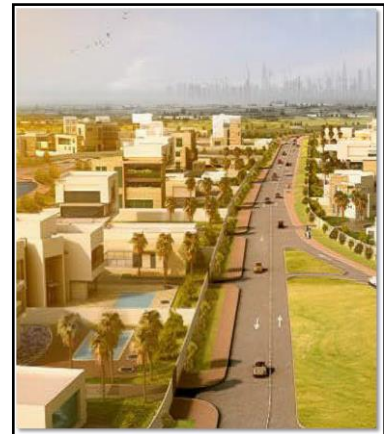


- Concept & Detailed Design of Roads & Utilities including Demand Calculations and Analysis for four Islands.
- Detailed Design for Road Networks and Utilities (Dry and Wet)
- Detail Design for Soil Improvement
- Concept Design improvements and upgrading of existing services at Al Khaleej Road.
- Detailed Design of Utility Buildings, lifting stations, pumping stations, and storage tanks.
- Design approvals, NOCs and permits from all relevant authorities.
- Cost Consultancy and Tendering Services.
- Construction Supervision for Phase 1 of Islands A & B

Project: Meydan Racecourse Villas

Client: Meydan Group LLC

Meydan Racecourse Villas is located along Nad Al Sheba Road within the Meydan Development. It is a gated community of total area 35 ha and includes residential villas and a central water body. AEC was commissioned to carry out the following key services:



- Master Plan Evaluation.
- Detailed Design for Road Networks and Utilities (Dry and Wet)
- Detailed Design of Utility Building, lifting stations, pumping stations and storage tanks.
- Building permits, DEWA Electricity approval and Design NOCs from all relevant authorities.
- Construction Supervision.

Project: Meydan Diamond Business Park

Client: Meydan Group LLC

Meydan Diamond Business Park (Meydan Avenue) has a total area of 110 hectares and comprises of mixed-use plots. It is located along Meydan Road and opposite to Meydan Hotel. AEC was commissioned following services



- Concept Design for Roads and Utilities including Demand Calculations.
- Detailed Design of Road Networks and Utilities (Dry and Wet)
- Detailed Design of Utility Building, lifting stations, pumping stations and storage tanks.
- Design Approvals, NOCs and permits from all relevant authorities.
- Cost Consultancy and Tendering Services.
- Construction Supervision

Project: Mohammed Bin Rashid Al Maktoum City – District 11
Client: Meydan Group LLC

Mohammad Bin Rashid Al Maktoum City District 11 is located on a 330 hectare plot of land at the corner of Al Ain Road and Sheikh Mohammed Bin Zayed Highway and divided into several parcels which include residential gate communities, mixed use plots, schools & nurseries, retail shops, neighborhood parks, Jumma mosque. AEC was commissioned to design utilities networks

- Master Plan Evaluation and concept design for utilities of District 11.
- Detailed Design for Utilities (Dry and Wet).
- Detailed Design of Utility Building, lifting stations, pumping stations and storage tanks.
- Detailed Design of Detention Pond.
- Building permit, DEWA Electricity approval and Design NOCs from all relevant authorities
- Cost Consultancy and Tendering Services.
- Construction Supervision



Project: Mohammed Bin Rashid Al Maktoum City – District 1
Client: Meydan Sobha

District 1 is part of Mohammad Bin Rashid City located to the East of Al Khail Road / Meydan Road Interchange and will be developed on total site area of 400 hectares to be high end residential villas and mansions, leisure and sport facilities, schools & nurseries, mosque, parks and playgrounds, bicycle and jogging tracks and Central Crystal Lagoon. District 1 is intended to be developed and comprise of four phases, AEC was commissioned to undertake the design and supervision of and utilities networks.

- Concept Design of Roads and Utilities (Dry and Wet) for four phases and phasing plans.
- Detailed Design for Bicycle and Jogging Tracks.
- Detailed Design for jogging and cyclist tunnels.
- Roads and Utilities 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 and storage tanks.
- DEWA Electricity approval, Design NOC's and permits from all relevant authorities.
- Cost Consultancy and Tendering Services.
- Construction Supervision.



Project: Jumeirah Central – Phase 1
Client: Jumeirah Central Group

Jumeirah Central Development is located in Safouh First Community opposite to Emirates Mall and covers an area of 160 ha. The development will create a new international mixed used district in Dubai. Comprising residential, hotels, offices, retail, hospitals, schools and leisure and entertainment. AEC was commissioned to provide the following key services for Phase One of Jumeirah Central.

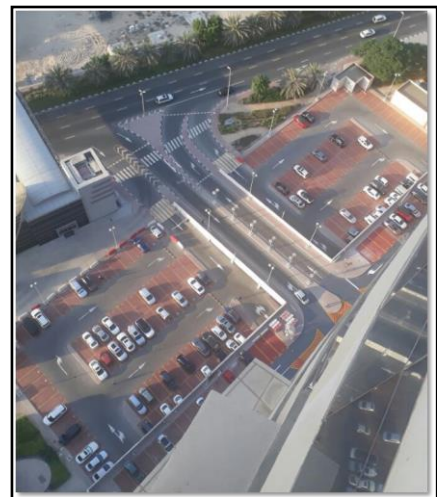
- Detailed Design for Roads and Utilities (Dry and Wet)
- Detailed Design of Utility Building, lifting stations, pumping stations, and storage tanks.
- Detailed Design of Pedestrian Underpass.
- Building Permits & Design NOCs from the relevant Authorities.
- Cost Consultancy and Tendering Services.
- Construction Supervision.



Project: Cluster T - Car Park Expansion Jumeirah Lake Towers
Client: Dubai Multi Commodities Centre (DMCC)

Jumeirah Lake Towers (JLT) site in west of Dubai covers 240 hectares with 25 clusters, each cluster comprising of three privately owned towers. The project is to expand the parking space in Cluster T by constructing two additional single story car parking to the existing promenade car parking level. AEC was commissioned to carry out the following services:

- Structural analysis of existing structure.
- Develop Detailed Design for Architectural, Structural, MEP, Utilities (Dry and Wet), Systems and Fire & Life Safety.
- Building permit, Design approvals and NOCs from all relevant authorities.
- Cost Consultancy & Tendering Services.
- Construction Supervision.



Set out below are a further selection of projects that have been undertaken by AEC that demonstrates the level of experience that has been attained here in the UAE.

Project	Client	Construction Value (AED)
Mohammed Bin Rashid City – District Eleven External Roads Phase 1	Meydan	480 Million
RTA R1015/3 Various Improvements & Implementing Quick Wins	RTA	300 Million
Road Works for Phase 1 Area 1 & 2	Dubai Sports City	7 Million
Meydan Gated Community	Meydan	78 Million
JLT Car Park - Cluster U	DMCC	8 Million
Detached Retail Units - Jumeirah Lake Towers	DMCC	20 Million
Dubai Sports City	DC	TBA
DEWA NDRC	DEWA	50 Million
Meydan Racecourse Villas – Water Bodies	Meydan	18 Million
Modification of Jumeirah Beach Walk	Meraas / BSBG	7.5 Million
Al Safouh Tram	RTA	180 Million
Meydan Sewerage & Dirt Track	Meydan	10 Million
Mohammed Bin Rashid City – District One Bicycle and Jogging Tracks	Meydan Sobha	660 Million
Meydan Racecourse Villas – Water Bodies	Meydan	18 Million
Meydan Horizon	Meydan	222 Million
Meydan Height Villas	Meydan	100 Million
Mosque in Al Soufouh	Islamic Affairs and Charitable Activities Department	7 Million
Meydan Gated Community	Meydan	78 Million
Cluster T - Car Park Expansion Jumeirah Lake Towers	DMCC	7 Million
Palace Roundabout Improvement in Ras Al Khaimah	RAK Public Works and Services Department	90 Million
Clock Roundabout Improvement in Ras Al Khaimah	RAK Public Works and Services Department	70 Million
Dubai Lagoon Development	Schon Properties	24 Million
Grand Views	G & Co.	100 Million
Jumeirah Lake Towers Car Park	DMCC	20 Million
Palm Jumeirah - Entrance Interchange Modifications	Nakheel	78 Million
Community Center	Dubai Sports City	16 Million
Leisure Club Facility	Dubai Sports City	20 Million
Road Works for Phase 1 Area 1 & 2	Dubai Sports City	7 Million

Please contact us to discuss your project further:

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