

# SEERO

Engineering Consulting LLC  
سيرو للاستشارات الهندسية ذ.م.م.

PLAN. DESIGN.  
SUSTAIN.

COMPANY PROFILE

Seero is a professional multi-disciplinary firm that provides design, engineering, consultancy, and construction management services.



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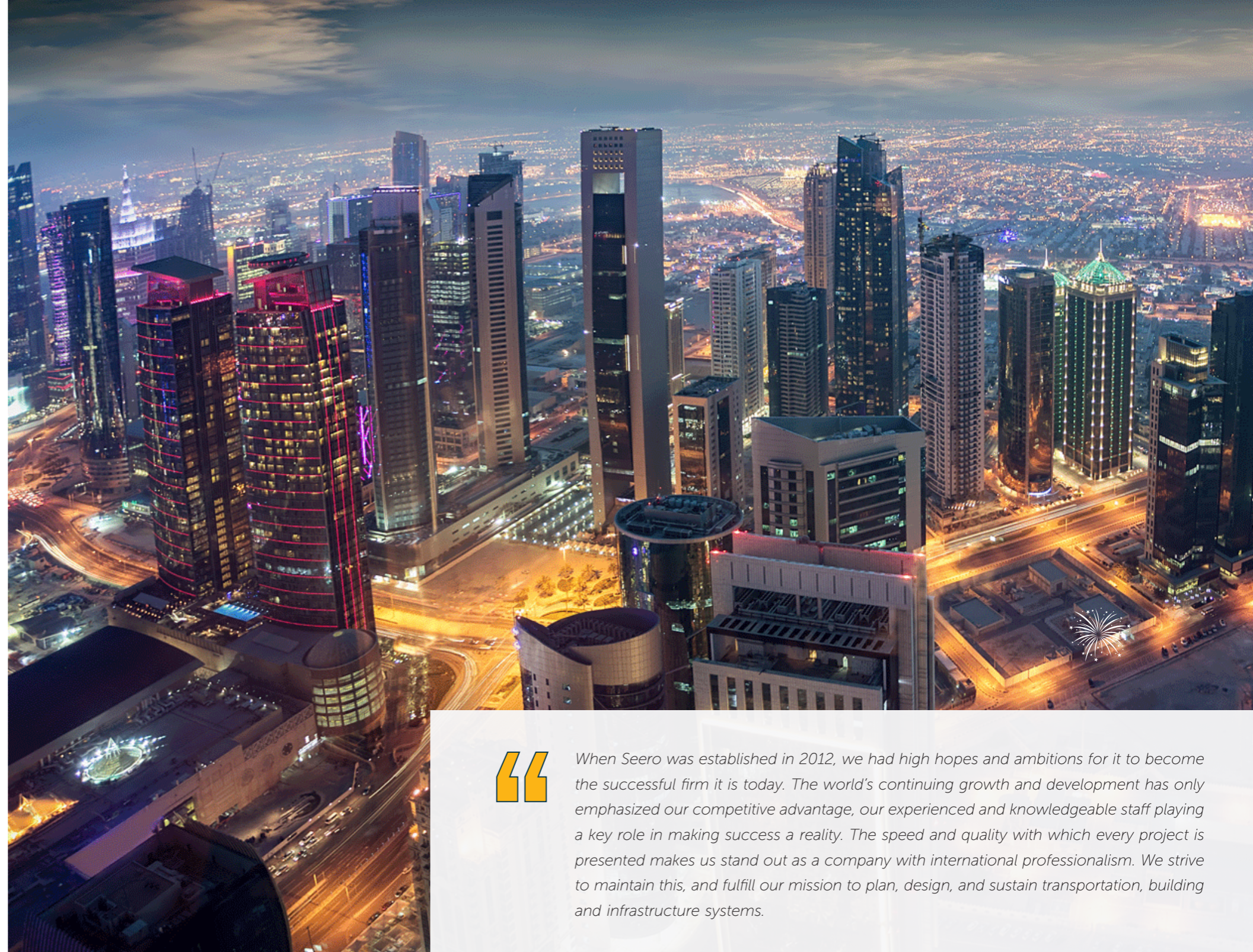
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# About Us

Seero is a professional firm that provides design and consultancy services in architecture, civil and structural engineering, transportation, BIM, MEP and infrastructure design.

Our team members and leaders are the foundation of our success, as we attract the brightest talents across the world. United by a shared purpose and guided by our core values, we are committed to consistently delivering results that help our clients achieve their goals. Together, we strive to create a positive impact, transforming communities and making the world a better place.

Seero is proud to be a global consultancy with a deep understanding of local requirements, practices, and cultures, allowing us to serve as a trusted partner to our clients. Our ability to grasp and deliver on our clients' goals and objectives is a key driver of our success.



## Our Mission

To plan, design and sustain transportation, buildings and infrastructure systems.



## Our Vision

By 2030, Seero will have five branches worldwide, with five hundred professionals and more than two hundred successful mega projects, achieved by consistently providing excellent consultancy services that exceed client expectations driven by our key success factors.



## Our Success Factors



*When Seero was established in 2012, we had high hopes and ambitions for it to become the successful firm it is today. The world's continuing growth and development has only emphasized our competitive advantage, our experienced and knowledgeable staff playing a key role in making success a reality. The speed and quality with which every project is presented makes us stand out as a company with international professionalism. We strive to maintain this, and fulfill our mission to plan, design, and sustain transportation, building and infrastructure systems.*



**WORK EXPERIENCE**



**QUALIFICATIONS & MEMBERSHIPS**



**INTERNATIONAL EXPERTISE**



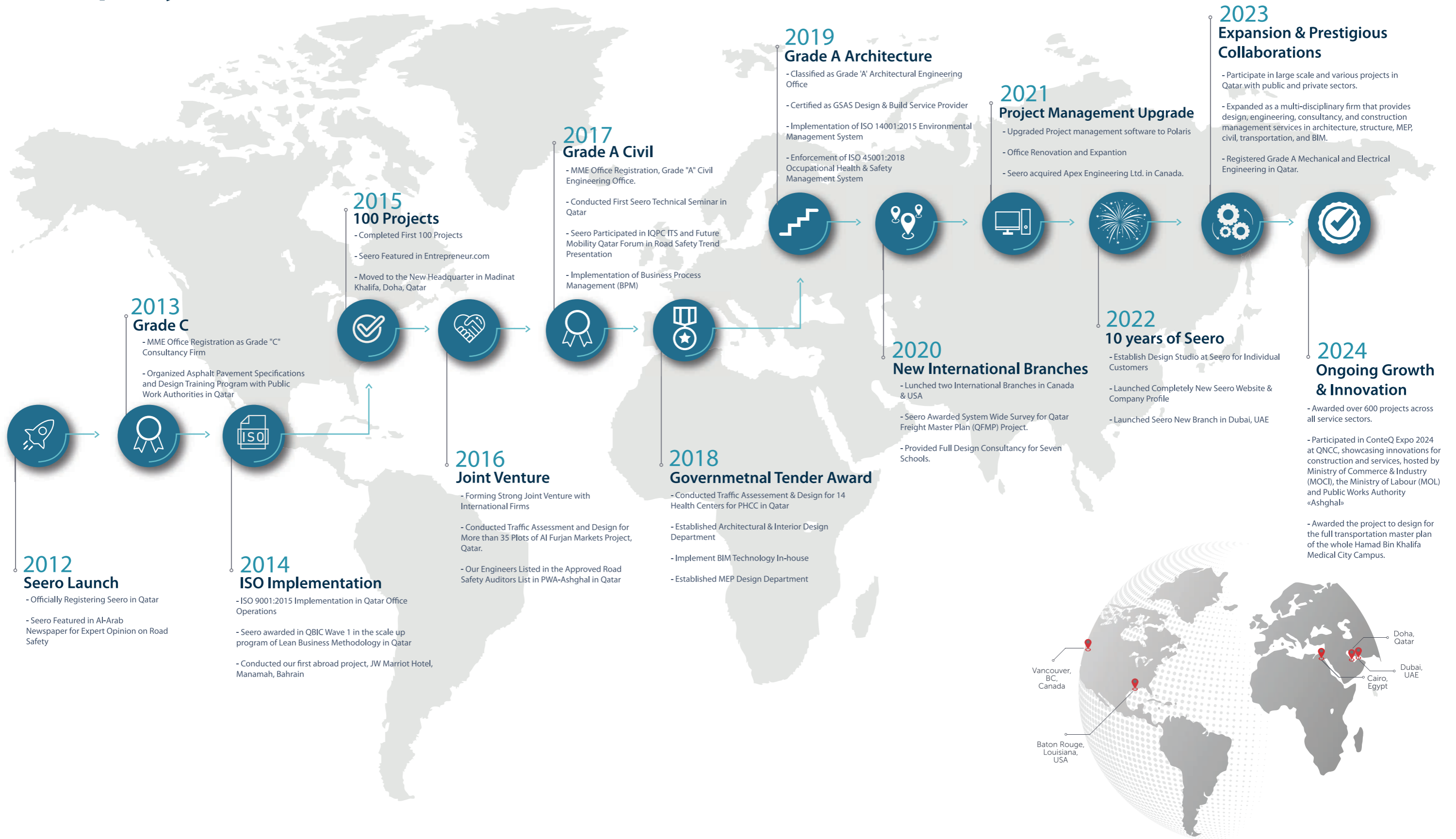
**CREATIVITY & PRODUCTIVITY**



**LOCAL KNOWLEDGE**



# Company Timeline



**2012 Seero Launch**  
 - Officially Registering Seero in Qatar  
 - Seero Featured in Al-Arab Newspaper for Expert Opinion on Road Safety

**2013 Grade C**  
 - MME Office Registration as Grade "C" Consultancy Firm  
 - Organized Asphalt Pavement Specifications and Design Training Program with Public Work Authorities in Qatar

**2014 ISO Implementation**  
 - ISO 9001:2015 Implementation in Qatar Office Operations  
 - Seero awarded in QBIC Wave 1 in the scale up program of Lean Business Methodology in Qatar  
 - Conducted our first abroad project, JW Marriot Hotel, Manamah, Bahrain

**2015 100 Projects**  
 - Completed First 100 Projects  
 - Seero Featured in Entrepreneur.com  
 - Moved to the New Headquarter in Madinat Khalifa, Doha, Qatar

**2016 Joint Venture**  
 - Forming Strong Joint Venture with International Firms  
 - Conducted Traffic Assessment and Design for More than 35 Plots of Al Furjan Markets Project, Qatar.  
 - Our Engineers Listed in the Approved Road Safety Auditors List in PWA-Ashghal in Qatar

**2017 Grade A Civil**  
 - MME Office Registration, Grade "A" Civil Engineering Office.  
 - Conducted First Seero Technical Seminar in Qatar  
 - Seero Participated in IQPC ITS and Future Mobility Qatar Forum in Road Safety Trend Presentation  
 - Implementation of Business Process Management (BPM)

**2018 Governmental Tender Award**  
 - Conducted Traffic Assessment & Design for 14 Health Centers for PHCC in Qatar  
 - Established Architectural & Interior Design Department  
 - Implement BIM Technology In-house  
 - Established MEP Design Department

**2019 Grade A Architecture**  
 - Classified as Grade 'A' Architectural Engineering Office  
 - Certified as GSAS Design & Build Service Provider  
 - Implementation of ISO 14001:2015 Environmental Management System  
 - Enforcement of ISO 45001:2018 Occupational Health & Safety Management System

**2020 New International Branches**  
 - Lunched two International Branches in Canada & USA  
 - Seero Awarded System Wide Survey for Qatar Freight Master Plan (QFMP) Project.  
 - Provided Full Design Consultancy for Seven Schools.

**2021 Project Management Upgrade**  
 - Upgraded Project management software to Polaris  
 - Office Renovation and Expansion  
 - Seero acquired Apex Engineering Ltd. in Canada.

**2022 10 years of Seero**  
 - Establish Design Studio at Seero for Individual Customers  
 - Launched Completely New Seero Website & Company Profile  
 - Launched Seero New Branch in Dubai, UAE

**2023 Expansion & Prestigious Collaborations**  
 - Participate in large scale and various projects in Qatar with public and private sectors.  
 - Expanded as a multi-disciplinary firm that provides design, engineering, consultancy, and construction management services in architecture, structure, MEP, civil, transportation, and BIM.  
 - Registered Grade A Mechanical and Electrical Engineering in Qatar.

**2024 Ongoing Growth & Innovation**  
 - Awarded over 600 projects across all service sectors.  
 - Participated in ConteQ Expo 2024 at QNCC, showcasing innovations for construction and services, hosted by Ministry of Commerce & Industry (MOCI), the Ministry of Labour (MOL) and Public Works Authority «Ashghal»  
 - Awarded the project to design for the full transportation master plan of the whole Hamad Bin Khalifa Medical City Campus.



# Our Sector Diversity

Our multidisciplinary approach, innovative engineering solutions and long-standing experience drive excellence across the globe.

The key to our success lies in the combination of our knowledgeable engineers and skilled in-house specialists. Seero is driven by the pursuit of quality—a belief that our surroundings directly influence the quality of our lives.

01



## Transportation Engineering

- Traffic Impact Study (TIS)
- Road Safety Audit (RSA)
- Traffic Survey/Counts
- Transport Modeling
- Traffic Impact Assessment
- Temporary Traffic Management (TTM)
- Traffic Signal Design
- Intelligent Transport System (ITS)
- Crowd Modeling Analysis
- Parking Management Systems
- Traffic Sign Design
- Road Making Design
- Master Planning
- Urban Planning
- Wayfinding Design
- Feasibility Study
- Value Engineering
- Authority Approval

02



## Roads & Infrastructure Design

- Road & Pavement Design
- Stormwater & Drainage System Design
- Sewer System Design
- Street Lighting Design
- Underground Utilities Design
- InfoWorks Modeling
- Civil 3D Modeling
- Site Supervision
- Landscape Design
- Irrigation System Design
- Micro-tunneling Design
- Flood Assessment
- Hydraulic System Design
- Street Furniture Design
- Manhole & Shaft Design
- Feasibility Study
- Value Engineering
- Authority Approval

03



## Building Engineering

- Full Design Consultancy
- Architectural Design
- Structural Design
- Mechanical Design
- Electrical Design
- Lighting Design
- Fire Life Safety Design
- Site Supervision
- Authority Approval (AOR, DC1, DC2, BP, & CC)
- Global Sustainability Assessment System (GSAS)
- Wayfinding & Signage Design
- Drawing Production (IFC, Shop & As-Built)
- Bill of Quantities
- Feasibility Study
- Value Engineering
- Geotechnical Study & Design

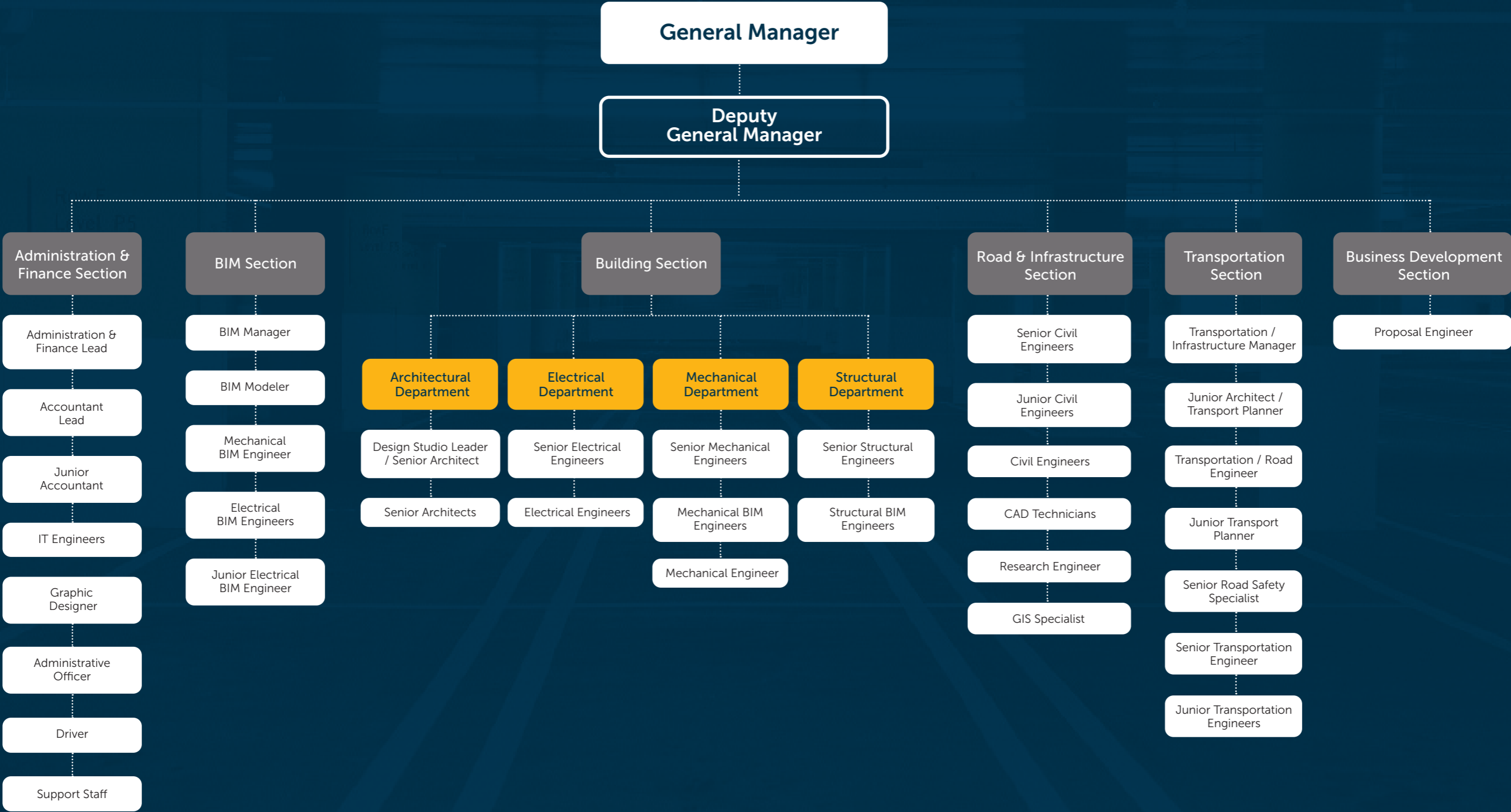
04



## BIM Technology & Construction Services

- 3D Modeling
- Rendering
- COBie & Facility Management
- Sheets Extraction (IFC, Shop & As-built)
- Phase Planning (4D Modeling)
- 5D Simulations
- Take-off Quantities
- 3D Videos/Animation
- Laser Scanning
- Drawing Production (IFC, Shop & As-Built)
- Bill of Quantities
- Feasibility Study
- Value Engineering
- Authority Approval

# Organization Chart



## United School International

<b>CLIENT</b> United Development CO. (UDC)	<b>CONTRACTOR</b> Al Darwish Engineering	<b>LOCATION</b> Doha, Qatar	<b>SERVICE</b> Full BIM Modeling (architectural, structural and MEP)
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### Description:

The United School International, located on The Pearl, has a plot area of 44,000 sqm and a total gross floor area of 34,437 sqm. It consists of four floors, including a basement, and has 260 car parks and 8 bus drop-of points. The school has a capacity of 2500 students and 102 classrooms to accommodate them.

### Scope

1. Review the entire model to identify and report any clashes on all systems to the client.
2. Conduct workshops with the client to resolve detected clashes and integrate solutions into the BIM model.
3. Produce shop drawings with zero clashes, extracted from Revit, for all design disciplines.



## Lusail Plaza

<b>CLIENT</b> Lusail Real Estate Development Company	<b>CONTRACTOR</b> QD-SBG Construction W.L.L.	<b>LOCATION</b> Lusail, Qatar	<b>SERVICE</b> Full BIM Modeling (stormwater and ELV systems)
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### Description:

Lusail Plaza, considered a landmark in Lusail, consists of four iconic high-rise towers and houses theaters, coffee shops and seating areas with a view of the Arabian Gulf. The two taller towers are 301 m tall and the shorter two are 215 tall.

### Scope:

- Implement BIM for Full MEP design, storm water design, and shop drawing production including:
1. ELV networks (data cables Ooredoo ONT, telephone system, public speaker systems)
  2. Electrical Cables for MV and LV Systems and calculations
  3. Photovoltaic systems
  4. Manhole quantities, in case of clashes observed in BIM model
  5. Storm water network
  6. Foul sewer network



# Arab International Academy - Tarsheed

<b>CLIENT</b> Al Darwish Engineering	<b>CONTRACTOR</b> Boom General Contracting	<b>LOCATION</b> Duhail, Qatar	<b>SERVICE</b> Full BIM Modeling (architectural, structural and MEP) and COBie
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## Description:

The Arab International Academy (AIA) contains Pre-KG, KG, Junior and Senior Schools with libraries, sports facilities, canteen, auditorium and all support services, administration spaces as well as outdoor facilities. It has a land area of 87,700 sqm and built up area of 32,685 sqm.

## Scope

1. Deliver precise building and infrastructure models that ensure a coordinated design through clash avoidance, reducing errors in the field.
2. Produce shop drawings and as-built drawings from zero-clash models for all design disciplines.
3. Extract COBie spreadsheets from LOD 400 and 500 BIM Models for facility management.
4. Enhance visualization for communication and decision-making.



# SL- 22 Pedestrian Bridge

<b>CLIENT</b> Public Works Authority (Ashghal)	<b>CONTRACTOR</b> BOOM Construction	<b>LOCATION</b> Doha, Qatar	<b>SERVICE</b> Full Design Consultancy (architectural, structural and MEP)
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## Description:

The SL-22 is an iconic pedestrian bridge located on Al Matar Street in Doha situated between Ras Bu Abboud Street and B Ring Road. It features overhead shading on both the bridge deck and staircases and has a lattice enclosing on both sides.

## Scope:

1. Gather available data and approved concept design drawings from PWA.
2. Ensure that the design is aligned with approved road layouts and cross-sections.
3. Develop comprehensive architectural, structural and aesthetic designs that reflects local culture and aesthetic requirements, is stable, functionally efficient and easy to maintain.
4. Coordinate with the authorities to secure all necessary permits, including temporary traffic management plans.
5. Manage design submissions and approvals, ensuring comprehensive stakeholder engagement throughout the project.





# Rectification of Road Settlement at Marina District

**CLIENT** Lusail Real Estate Development | **CONTRACTOR** QD-SBG Construction W.L.L. | **LOCATION** Doha, Qatar | **SERVICE** Road Design

## Description:

Lusail City's Marina District is centered around an artificial marina, designed to provide a waterfront living experience that blends mixed-used spaces, luxury facilities, an efficient road network and smart city technologies in order to achieve an exceptional standard of living.

## Scope:

1. Thorough assessment of and finding effective solutions for observed damage across various locations.
2. **Stage A - Studying & Mobilization:**
  - Conduct desktop studies and site visits.
  - Define work limits and categorize damages.
  - Deliver coordinated layout drawings for client approval.
3. **Stage B - Testing & Surveying:**
  - Plan and execute field and lab tests.
  - Conduct topographical surveys.
  - Propose geotechnical investigations and test as per QCS 2014.
4. **Stage C - Studying & Recommendations:**
  - Analyze test results and as-built drawings.
  - Provide a root cause analysis report.
  - Incorporate additional as-built data.
5. **Stage D - Detailed Design:**
  - Develop detailed designs for hardscapes, roadworks, and utilities.
  - Prepare and submit detailed drawings for contractor's and client's approval.



# Hamad Bin Khalifa Medical City (HBKMC) Campus

**CLIENT** Hamad Medical Corporation (HMC) | **LOCATION** Doha, Qatar | **SERVICE** Traffic Impact Study (TIS)

## Description:

The Hamad Bin Khalifa Medical City (HBKMC) Campus, located in the heart of Doha, Qatar, spans approximately 1,062,249 m<sup>2</sup>, including hospitals, clinical and non-clinical support facilities, residential areas, offices, and accommodations. The campus faces significant traffic and parking challenges due to recent expansions and operational changes.

## Scope:

1. Analyze current traffic conditions and propose effective solutions to improve traffic flow and parking efficiency
2. Gather and review essential data, including previous and current master plans, land use documents, and design information for the HBKMC Campus.
3. Conduct traffic surveys at all access points to evaluate trip generation.
4. Develop an existing master area statement.
5. Prepare transportation plans for 2030 and optionally 2050.
6. Assess if a full Traffic Impact Study is needed based on trip generation and, if required, perform strategic modeling and comprehensive traffic studies.
7. Create a transportation master plan addressing roadways, parking, pedestrian pathways, and micro-mobility.
8. Deliver detailed reports, traffic studies, and project management documentation.
9. Prepare design drawings and cost estimates for road modifications and issue a complete tender package.
10. Provide tender support to assist HMC in evaluating contractor submissions.



# Al Waab City

**CLIENT**  
Al Waab City

**CONTRACTOR**  
CEG International

**LOCATION**  
Doha, Qatar

**SERVICE**  
Road Design

## Description:

Al Waab City is one of Qatar's largest privately developed real estate projects, offering a complete 360-degree living experience with luxury villas, courtyard apartments, and world-class amenities across 500,000 square meters. The development features exclusive gated communities, Al Wa'ab Avenues for entertainment and shopping, and a five-star hotel, creating a vibrant, low-density urban hub for both residents and visitors.

### Scope:

1. Create geometric design drawings, including general layouts, setting out plans, road profiles, grading, topographic surveys, and road marking and signage plans.
2. Develop detailed pavement design drawings and calculations, including asphalt pavement section reports and typical road details.
3. Design the stormwater drainage system, providing general drawings, layout plans and longitudinal profiles, optimized for site conditions.
4. Design the foul water drainage system with general drawings, layout plans and longitudinal profiles, ensuring minimal disruption to existing infrastructure.
5. Design the Treated Sewage Effluent (TSE) system, including general drawings, layout and longitudinal profiles.



# City Center Doha

**CLIENT**  
Al Faisal Holding

**LOCATION**  
West Bay, Qatar

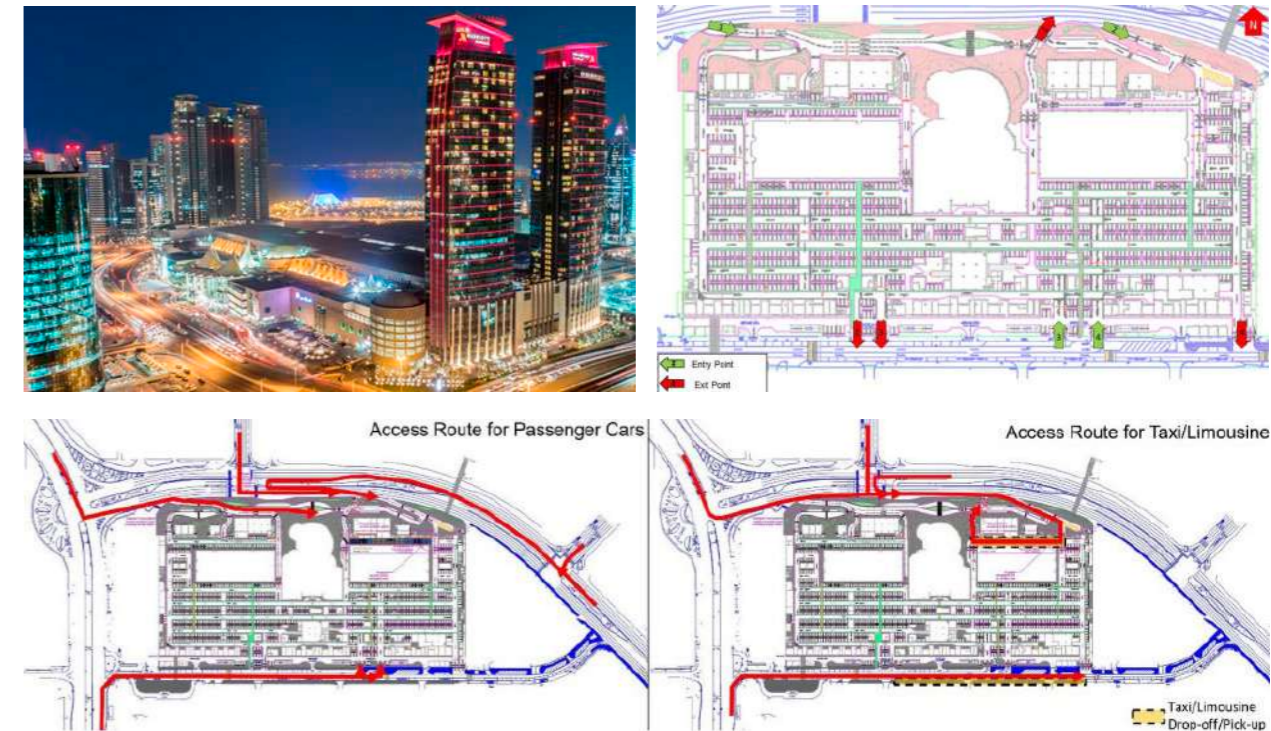
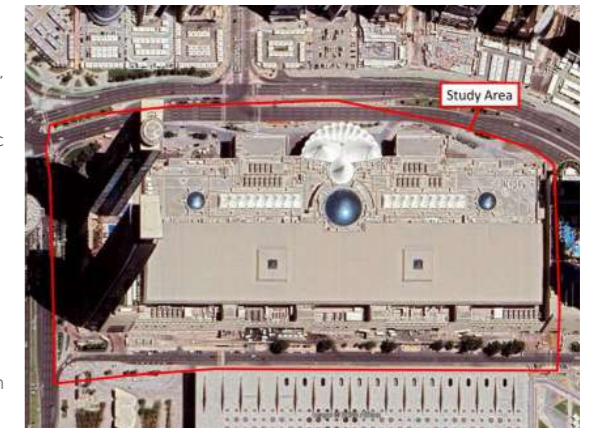
**SERVICE**  
Multiple Professional Traffic Engineering Services

## Description:

City Center Doha, one of Qatar's largest malls, spans 87,227 sqm and features over 370 stores, a cinema, and an indoor ice rink, offering diverse retail, dining, and entertainment options. A detailed traffic and parking study was required in coordination with MOI, PWA's Road Operations, and MoT's Traffic Engineering Department.

### Scope:

1. Review traffic patterns, valet areas, signage and improvements, documented in a Traffic Study Report.
2. Develop plans to manage construction impacts and traffic conditions.
3. Design and review traffic signs and road markings.
4. Use PTV Vissim to simulate traffic management strategies.
5. Perform a Stage 5 Road Safety Audit to address safety issues.
6. Coordinate and obtain approvals from MOT and MOI.
7. Conduct traffic volume surveys and analyze congestion.
8. Conduct site supervision with bi-weekly visits after design completion.



## Primary Health Care Corporation (PHCC) Centers

**CLIENT**  
Primary Health Care Corporation (PHCC)

**LOCATION**  
14 health centers in multiple locations

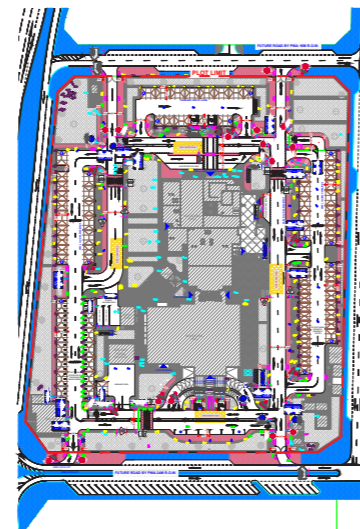
**SERVICE**  
Traffic Impact Study (TIS) & Traffic Survey

### Description:

Primary Health Care Corporation (PHCC) is a key healthcare provider in Qatar, offering comprehensive, accessible services through over 4,000 clinicians. PHCC focuses on innovation, technology, and expanding facilities to improve community well-being and integrate primary and secondary care. The main aim of this project is to improve the existing traffic condition and improve the pedestrian facilities.

### Scope:

1. Conduct site visits for all project components.
2. Coordinate with health center management to collect visitor and staff data. Perform a topographical survey for as-built plans.
3. Conduct a traffic survey and gather data.
4. Carry out site investigation and gap analysis.
5. Create a report with recommendations for upgrading traffic signs, road markings, flow, pedestrian paths and accessibility, curbs, parking and street lighting.
6. Develop updated as-built drawings and a report with survey findings and modifications.
7. Prepare detailed design drawings and a tender package with BOQ for contractor selection.



## Al Sadd Health Center

**CLIENT**  
Public Works Authority (Ashghal)

**CONTRACTOR**  
Al Madar Contracting Company Construction W.L.L

**LOCATION**  
Doha, Qatar

**SERVICE**  
Full BIM Modeling (architectural, structural and MEP) and COBie

### Description:

Al Sadd Health Center is an Ashghal-owned project with a plot area of 28,051 sqm consisting of a main building with a basement, two floors and a roof, as well as a mosque, substation, EMS, and three watchman rooms.

### Scope:

1. Update models based on approved as-built markups from the client and on-site conditions.
2. Develop AIM and extracting facility management spreadsheets for asset management.
3. Create 4D/5D simulations to visualize the construction process.
4. Develop fully coordinated clash-free 3D BIM models at LOD500 based on approved LOD 400BIM models by the client.



# System-Wide Survey for Qatar Freight Master Plan (QFMP)

**CLIENT**  
Ministry of Transport  
(MOT)

**CONSULTANT**  
DB Engineering & Consulting

**LOCATION**  
Doha, Qatar

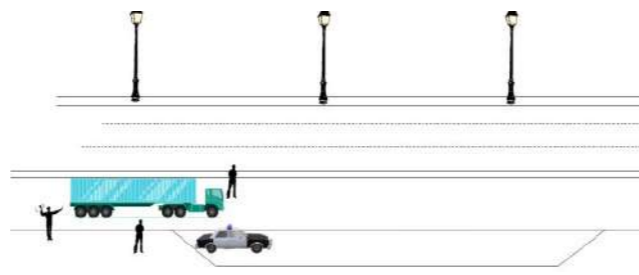
**SERVICE**  
Traffic Surveys

## Description:

The Qatar Freight Master Plan (QFMP), finalized by the Ministry of Transport, aims to enhance Qatar's land freight infrastructure, supporting economic diversification and positioning the country as a global logistics hub. By developing an integrated, sustainable, and efficient freight system, the QFMP will meet the demands of national economic growth, improve supply chain connectivity, and contribute to achieving Qatar's Vision 2030 goals.

## Scope:

1. Obtain work permits and permissions from stakeholders for site works.
2. Conduct traffic counts (ATCs, TMCs, MCCs), pedestrian, cyclist, and truck parking counts with analysis.
3. Perform interviews (Commercial Operator, pedestrian, cyclist) with analysis.
4. Conduct travel time, truck parking, roadside intercept, axle load, queue length, and truck type/size surveys with analysis.



# La Plage South

**CLIENT**  
H.E. Sheikh Hamad  
Bin Jassim Al-Thani

**CONSULTANT**  
MZ & Partners

**LOCATION**  
The Pearl, Qatar

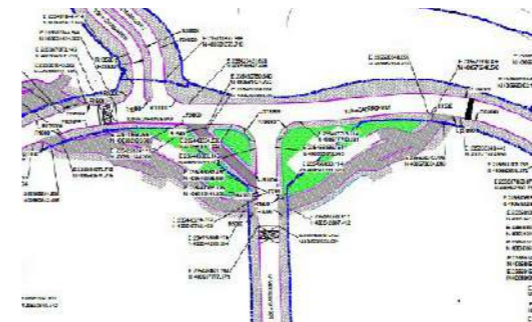
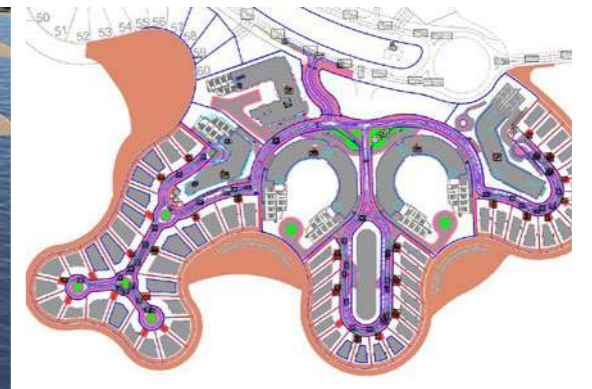
**SERVICE**  
Civil, Stormwater, Drainage and  
Pavement Design, limited TIS

## Description:

La Plage South is a residential development featuring a mix of residential buildings and villas, along with necessary traffic-related infrastructure. The project spans a plot area of 174,246.48 sqm, with a total built-up area of 280,514 sqm.

## Scope:

1. Design accessibility from surrounding roads and access points.
2. Prepare traffic signs and pavement markings for all levels.
3. Conduct parking and trip generation calculations.
4. Perform Swept Path Analysis for vehicles and adjust turning radii.
5. Analyze circulation, internal roads, and junctions.
6. Improve drop-off area design and traffic management.
7. Assess sight distances at access points and driveways.
8. Optimize parking layouts and accessibility compliance.
9. Accommodate pedestrians, cyclists, and special accessibility needs.
10. Obtain MTC-approved Site Plan approval from PWA-Ashghal.



## Bus Stops and Shelters

**CLIENT**  
Public Works Authority  
(Ashghal)

**CONSULTANT**  
AECOM Middle East

**LOCATION**  
Doha, Qatar

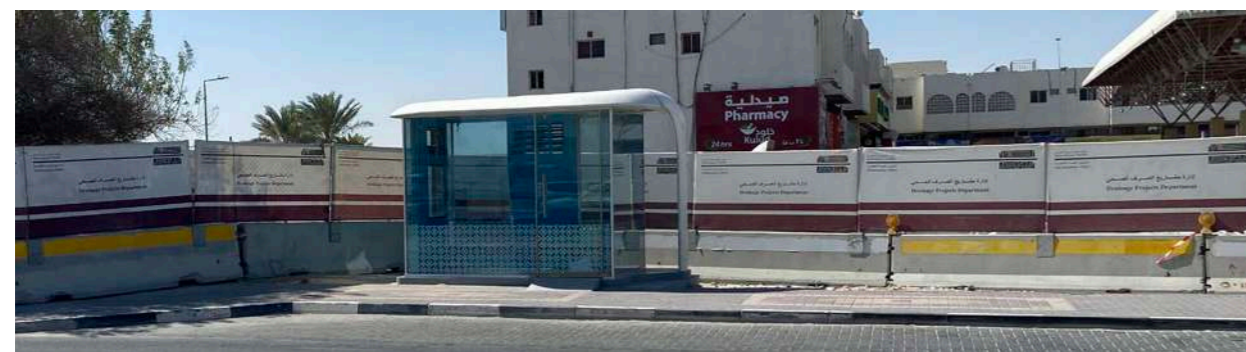
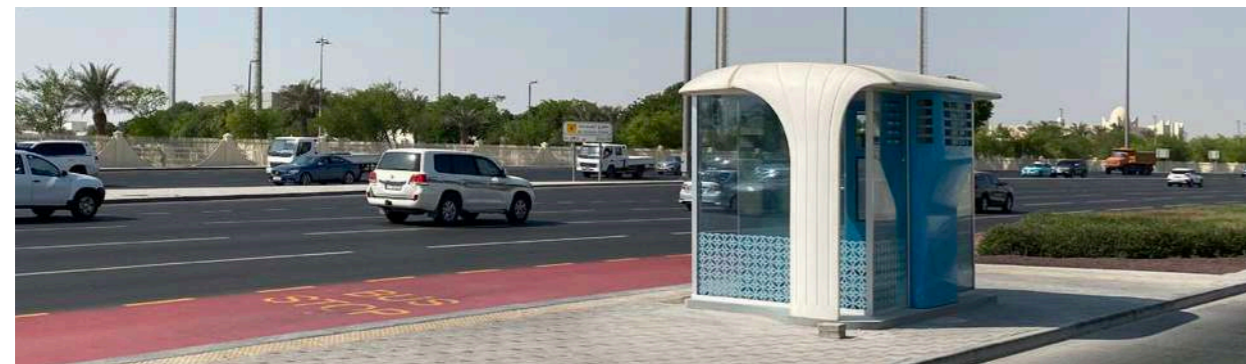
**SERVICE**  
Site plans & drawings for  
underground utilities

### Description:

This is a project aimed to construct and upgrade around 2700 bus stops and shelters in the country. The shelters would be either air-conditioned or non-air-conditioned, and the stops would each have a bus stop sign. Both structures were to include information screens featuring estimated bus arrival time, routes and destinations.

### Scope:

1. Validate the exact location of the different bus stops.
2. Study each location and determine how to coordinate the utilities with the bus stop to avoid clashes.
3. Provide underground utility design drawings for construction, including those for LV, HV & EHV, MV, Ooredoo, QAF, potable water, storm water drainage, foul sewer and TSE.
4. Produce design drawings that indicate infrastructure utilities required at each location as per infrastructure guidelines and approved typical bus stop layouts by MOTC, QHDM and QTCM.



## Design of Landscape, Irrigation Network, Car Parking and Services

**CLIENT**  
Private Engineering Office  
(PEO)

**CONTRACTOR**  
UrbaCon Trading & Contracting  
(UCC) - InfraRoad JV

**LOCATION**  
Lusail, Qatar

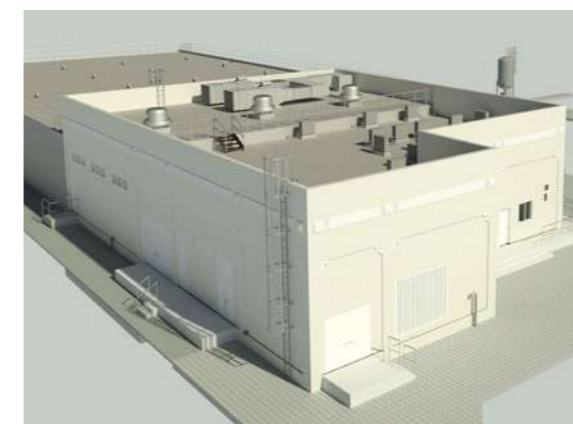
**SERVICE**  
Full Design Consultancy

### Description:

This project consists of a gardener's house, driver's lounge, TSE pumping station, check points types C and F, a security booth, North and South parking area, VIP and VVIP parking area as well as all connected infrastructure and utilities.

### Scope:

1. Submit design packages for concept, schematic, and detailed design.
2. Complete and submit IFC drawings for consultant approval
3. Address and close all IFC comments for approval.
4. Ensure coordination of IFC drawings across all disciplines and contractors.
5. Submit required design calculation reports for approval.
6. Conduct design verification on structural elements.
7. Provide technical support for NCRs and respond to RFIs.



## Msheireb Metro Station Roads

**CLIENT**  
Qatar Railways Company

**CONTRACTOR**  
Consolidated Contractors  
Company (CCC)

**LOCATION**  
Doha, Qatar

**SERVICE**  
Site plans & drawings for  
underground utilities

### Description:

Msheireb station is the main metro station linking the Red, Gold and Green lines of the Doha Metro. It is a rapid transit station and considered the largest in the country. The proposed project involves the area surrounding the metro station.

### Scope:

1. Produce all drawings and models related to the infrastructure while doing full clash analysis. This should include roads, and vehicle and pedestrian access/egress points.
2. Perform clash analysis and mitigation for underground utilities.
3. Make road and underground utilities shop drawings.
4. Perform full modeling for the station area using different software (e.g. Civil 3D, Navisworks, etc) to precisely place all the infrastructures routes and to guarantee there is no clashes between them.



## Al Wakrah Bus Depot

**CLIENT**  
Ministry of Transport  
(MOT)

**CONTRACTOR**  
AlTawfeeq & Partners  
Contracting

**LOCATION**  
Al Wakrah, Qatar

**SERVICE**  
Detailed Civil 3D  
Road Modeling

### Description:

Al Wakrah Bus depot is one of the largest of its kind to be constructed in Qatar, with an area of about 128,000 sqm. It consists of accommodation, admin and dining spaces, guard houses, recreational spaces, service and workshop buildings, a mosque and 3 substations.

### Scope:

1. Obtain and study IFC drawings for the roads and landscape, including the grading plan, provided by the client.
2. Based on the finish levels in these drawings, provide Civil3D models and extracted solid models instead of using Revit for an easier clash detection and amending process.



## Design of Additional Buildings to Existing Schools

**CLIENT**  
Public Works Authority  
(Ashghal)

**CONTRACTOR**  
AMANA Contracting,  
Bojamoor Trading & Contracting

**LOCATION**  
Doha, Qatar

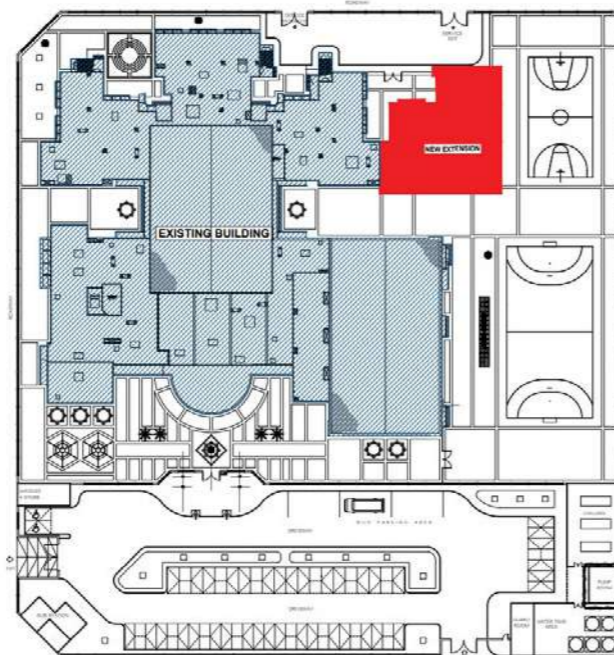
**SERVICE**  
Design Consultancy &  
Technical Support

### Description:

The project consists of nine schools across Qatar (Saad Bin Muadh, Zainab Bint Jahsh, Al Khawarizmi, Moza Bint Mohammad, Al Imam Al Shafei, Ahmed Bin Mohamed, Mohammed Bin Abdul Aziz Al Mana, Aisha Bint Abu Bakr, and Qatar Science and Technology) that required construction of additional buildings as well as modification on existing buildings.

### Scope:

1. Collect and review all project documents, specifications and drawings.
2. Prepare all required documents and design drawings for DC1 approval.
3. Prepare all required documents, calculations and drawings for DC2 approval.
4. Follow up with authorities for approvals and/or building permits.
5. Conduct site surveys for all visible MEP systems in existing buildings and items in order to be upgraded for QCDD approval.
6. Communicate with MME, PWA and other relevant authorities to collect architectural as-built drawings for existing buildings that require modifications.



## 9 Pearls Villa Compound Roads & Upgrading of Mesaimeer Road (P008-C3)

**CLIENT**  
Public Works Authority  
(Ashghal)

**CONTRACTOR**  
Consolidated Contractors Group  
(CCC)

**LOCATION**  
Doha, Qatar

**SERVICE**  
Design Consultancy

### Description:

The 9 Pearls Villa Compound at Al Waab, a blend of the city's energy and suburban tranquility, is a gated residential area that was in need of a new entry as well as circulatory roads. In addition, some locations along Mesaimeer Road nearby required a traffic survey

### Scope:

1. Design the entrance and circulation road geometry, the pavement and stormwater drainage system.
2. Propose the protection of existing utilities based on standards set by the authorities.
3. Take and submit analysis of Turning Movement Counts (TMCs), including both the raw and processed files.
4. Conduct and submit a Traffic Survey report that includes a detailed description of the site conditions at each survey location, an overview of the junction and lane configurations, a summary of the survey results, and a data consistency verification.
5. Verify the structural integrity of, and deliver a structural design verification report for, the existing shaft (ASO 31).



# Contact Information

## Qatar

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