



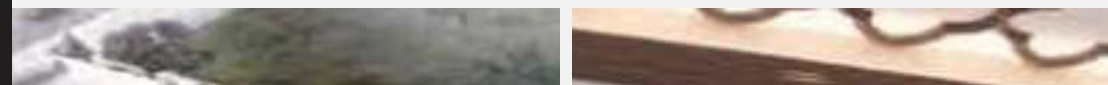
ABU DHABI
UNITED ARAB EMIRATES

COMPANY PROFILE — ESTABLISHED 2009

ASAS

Engineering & Project Management
Consultancy

WWW.ASASENGG.AE



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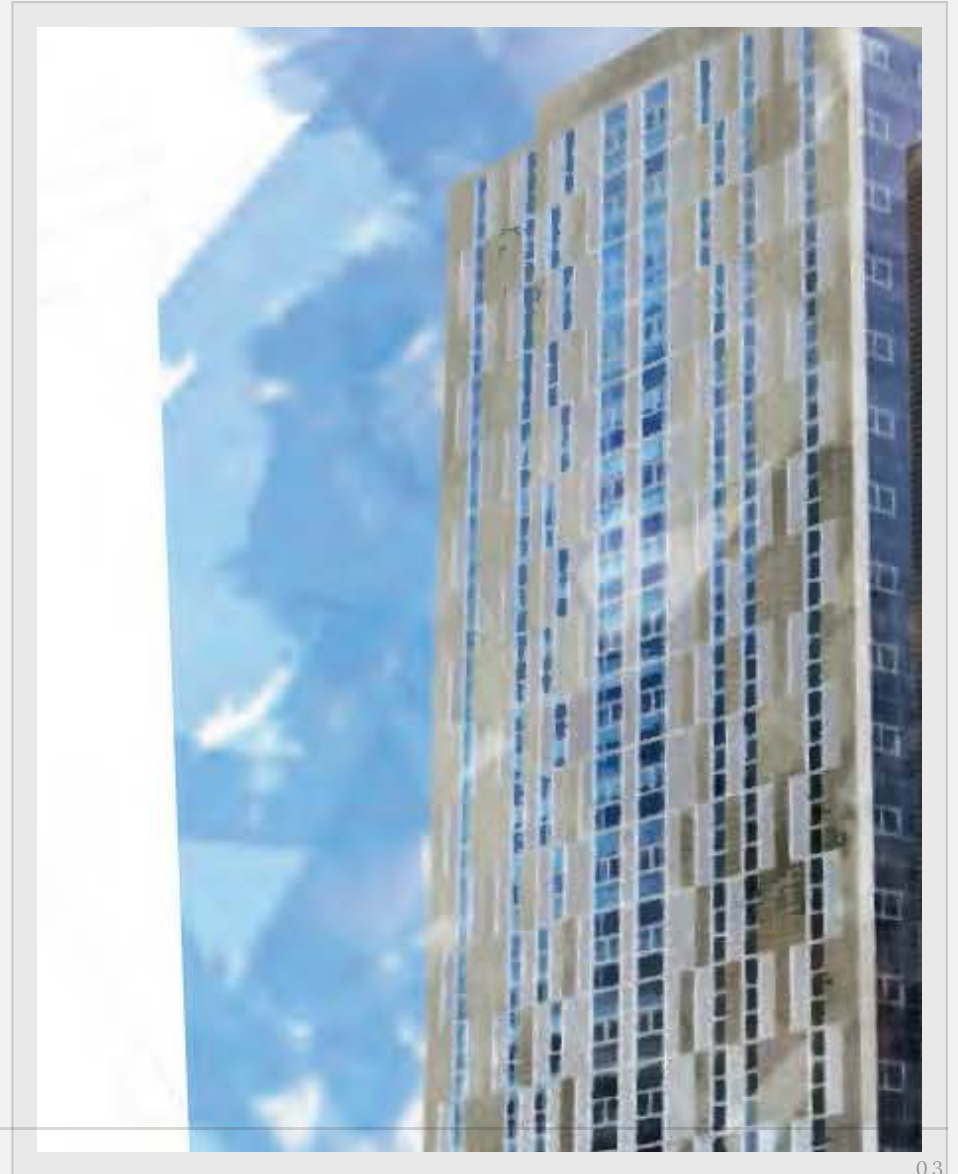
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ENVISIONING A BETTER WORLD

In an environment of competing interests, demanding timescales and ever-tighter budgets, projects of all size, type and complexity require dedicated management to ensure success.

ASAS extends professional service to plan, lead, organise and control the management of projects and programmes, from inception to reality — recognised as one of the leading providers of management and consultancy services in engineering, supervision, interior design, construction and architecture.



The firm at a glance

A single consultancy covering architecture, structure, electromechanical services, quantity surveying and site supervision – from the first sketch to financial closure.

2009

FOUNDED IN ABU DHABI

5

IN-HOUSE DISCIPLINES

5-15%

CONSTRUCTION COST SAVED
THROUGH VALUE
ENGINEERING

450

PROFESSIONALS ACROSS MIR
GROUP

WHERE WE WORK

Abu Dhabi, Al Ain, Khalifa City, Mohammed Bin Zayed City, Shakhbout City, Madinat Al Riyadh, Bani Yas, Al Shamkha, Musaffah, Sharjah and Dubai.

WHAT WE BUILD

Residential and commercial towers, villas and palaces, compounds, schools, industrial facilities, showrooms, mosques, malls and infrastructure.

HOW WE ARE CERTIFIED

Staff certified under the Estidama Pearl Rating System and green building systems; designs delivered to UAE Civil Defence, NFPA, CE and British Standards.

About ASAS

ASAS Engineering & Project Management Consultancy was founded in 2009 in the Emirate of Abu Dhabi as a consultants' office specialised in engineering services. The office designs buildings, residential and commercial towers, villas, palaces and commercial complexes, together with the projects that revolve around them.

We provide a full range of architectural, structural and civil design, and a wide engineering services consultancy that reaches the satisfaction of customers inside and outside the UAE. Our primary goal is a presence in the domestic and international market in designing, managing and building — providing full coverage of consultancy services across architectural, structural, electrical and mechanical design, in addition to the study of the costs and quantities of buildings and their disciplines.

ASAS is equipped to work with the most advanced CAD systems and all ancillary programmes necessary to handle a wide range of engineering consultancy services and deliver the best conclusion for

its customers.

OUR DUTIES AND COMMITMENTS

The office seeks continuous and lasting improvement in its engineering professional services, and provides opportunities for highly qualified professionals to apply their expertise for development and community service, in accordance with the highest professional standards of integrity and commitment.

A large number of in-house experts, consultants and external associates make up the company's core expertise to manage large-scale projects across various geographical regions. The success of ASAS has been due to the benchmarks laid down as company policy: quality output, timely reporting, and a great working relationship with clients.

Vision

We constantly strive to develop our rating among the largest architectural and engineering consulting firms worldwide, as a leading office in technical and technological solutions, and to provide the best value for engineering professional services regardless of project size or the profits based on it.

Mission

ASAS upholds its mission to reach out to the growing needs of clients by extending world-class service that focuses on the latest innovations and developments in the modern world.

Perfecting our strengths

The core strength of ASAS lies in the company's ability to provide a dedicated service on a local, national and international basis. Throughout the entire business approach towards managing consultancy projects, ASAS draws on the inherent strength of its people to deliver a creative and people-based service, tailored to suit the needs of the project as well as the client.

In-house experts and external consultants comprise the core teams that manage large projects spread over diverse geographical regions. The company's team of consultants includes leading experts in their areas of specialisation, whose professionalism reflects the ability to provide an unprecedented amount of insight and experience into the work extended to clients.

Depending on the requirements of each turn-key project, the team proactively manages successful projects of varying complexity across various geographical regions.

Quality output

Every drawing, specification and bill of quantities is checked across disciplines before it leaves the office.

Timely reporting

Clients receive scheduled progress, cost and quality reports for the whole life of the project.

A working relationship

Our duty does not end at handover; records are kept and made available to clients at any time.

An initiative of Mir Group

The Russian word *Mir* means peace and prosperity – values the group's philosophy reflects through ethical codes of business practice.

The multi-faceted Mir Group is one of the leading and fastest growing business houses in South India. Spearheaded by a team of enterprising businessmen in India, Russia and the Middle East, the group is engaged in real estate, project management and consultancy, tourism, hospitality, international trade, biotechnology, infrastructure, energy solutions and education. Headquartered in Cochin, Kerala, the group directly employs close to 450 professionals in India.

Mir Group's project management and consultancy vertical is one of the leading players in the industry, endowed with the expertise and intellectual asset to satisfy the needs of the growing transportation, urban infrastructure and energy management sectors across the globe. The company has built a reputation for combining a keen understanding of the client's needs with sound technical knowledge backed by the latest know-how from around the world.



The group's verticals

Realty

mirrealtors.in

Pioneers of self-contained townships in Kerala and an ISO certified eco-friendly builder.

Hospitality

mirresorts.in

Two resorts at Alleppey and Munnar and a business hotel at Cochin.

Tourism

mirtours.in

Inbound, outbound and M.I.C.E. tours, with offices in Kerala, Bangalore and Russia.

Consultancy

mirprojects.in

Seaports and airports, heliports, urban infrastructure, environment management and energy audit.

Infrastructure

mirgroup.in

Large-scale turn-key projects in India and abroad, including Bahrain and Saudi Arabia.

International trade

mirgroup.in

The Moscow-based Mir Enterprises trades coal, crude oil, bitumen and sulphur.

Life science

mirgroup.in

Biocure Healthsciences, jointly promoted with Biopharm Biologics, New York.

Energy solutions

mirgroup.in

Smart metering and market development for AMR solutions across India.

Education

mirgroup.in

Professional management education, overseas education consultancy and clinical research training.

Capabilities

Studies, designs, engineering supervision, feasibility studies and market requirements — a wide range of engineering and consulting services across every discipline a building needs.



The basic disciplines

ASAS is specialised in studies, designs, engineering supervision, feasibility studies and market requirements, providing a wide range of engineering and consulting services across the following disciplines.

Architectural design

Civil and structural design

Electromechanical works

Landscaping

Environmental works

Technical specifications

Management and supervision of buildings

Project management

Business traffic studies

Infrastructure works

Urban planning

Project traffic studies and analysis

Architectural design

The design department is the largest and most active section in the office, with long experience providing architectural services to clients in the public and private sectors.

PROJECT TYPES

Residential and commercial buildings

Commercial towers and offices

Residential villas and palaces

Hospitals and health care facilities

Infrastructure projects and roads

Urban planning projects

Villa complexes

Schools, mosques, malls and industrial buildings



Structural engineering

This section brings together an elite of structural engineers able to design all kinds of high and low buildings using the latest engineering techniques and software, in order to achieve high quality for every type of building.

Each structural design meets the requirements of its project, taking into consideration soil reports and loads in order to reach safety for the building, and keeping in mind all architectural and electromechanical corrective considerations and costs.

SCOPE

Typical engineering designs for buildings and towers

Steel design for warehouses and factories

Prestressed slabs, cast in the factory or on site

Foundation design of all kinds, including shoring, consolidation and wedge design

Electromechanical

The electromechanical section includes professional engineers across electrical, mechanical and plumbing disciplines. They examine all design work in line with the wishes of the client, and a dedicated section supervises the work sites to ensure high-quality implementation.

The team works to the maximum limit of quality and the highest efficiency of the building while maintaining energy saving policies, and takes courses on an ongoing basis to keep pace with developments in the field and with environmental safety.

Designs follow the conditions and requirements of green building systems and Estidama, achieving energy saving and reducing the heat load of the building – which increases the efficiency of adaptive devices and reduces the project's electrical load. The staff of this department hold certification from the Estidama system and the green buildings system.

CERTIFICATION

Estidama Pearl Rating System and green building systems.

Quantities and cost

Value engineering is a review and revision of all designs and affiliated specifications — developing preliminary designs through to the final design stage so that the result matches the market, the client and the budget.

SERVICES

Table studies and preliminary designs

Drawings, technical specifications, bills of quantities and terms of contract

Analysis of bidding and construction management

Supervising construction and preparing project payments

EFFECTS OF VALUE ENGINEERING

Construction costs reduced by 5% to 15%

Lower indirect costs — time, labour, site offices

Improved operational performance

Low maintenance costs

Risks and business strategies identified early

Project management

ASAS provides a comprehensive solution for the management of projects in terms of design and implementation, combining all stages of the project – primary design, final design, tender, and the execution of construction work – in one integrated cycle.

Work is carried out in an integrated manner between designers, contractor and subcontractors, as well as through the direct relationship with the owner for administrative and engineering development and business assessment.

PROJECT MANAGEMENT CONSULTANCY

Project scheduling

Operations research

Construction management

Technical manpower support

Mechanical completion procedure

Fault level and relay coordination calculations



Construction supervision

A resident engineer and site supervision team mobilise as soon as the project is awarded, with architectural, MEP and quantity surveying assistance scaled to the requirement of the project.

Guiding site engineers in the right direction

Attention to technical specifications and design intent

Credence of materials and equipment specified in the project

Coordination between contractor, client and departments

Estidama and the Pearl Rating System

Abu Dhabi's development review and municipality permitting process runs alongside the Pearl Rating System under Plan 2030 and UPC policy. ASAS designs to both.

PERMITTING PROCESS

- 01 Enquiry meeting
- 02 Pre-concept stage
- 03 Concept planning review
- 04 Detailed planning review

PEARL RATING SYSTEMS

- Pearl Community Rating System
- Pearl Building Rating System
- Pearl Villa Rating System
- Pearl Operational Rating System

The design rating submission is made at the end of the construction documentation stage; the construction rating submission on completion of construction. Both are submitted electronically from the PQP to the Pearl Assessor at Estidama.

Method

How a project moves through the office — from the coordination of the first design set to financial closure, and the commitment that continues after handover.



During the design phase

ASAS offers a full range of engineering services – structural, architectural, civil and electromechanical – with quality assurance of the work provided from the primary design stage until the final stages of the project.

01 Coordination and joint work between the architectural, structural and electromechanical designs

02 All aspects of the design are covered technically to meet the customer's requirements

03 Validity and accuracy of the technical specifications

04 All applicable standards and municipality laws are followed

05 Customer satisfaction is achieved and all project requirements are met

06 The estimated cost of the project is taken into account and worked to

During construction supervision

The technical staff are qualified with the experience to meet the requirements of the market and of customer satisfaction, and the office holds an adequate number of staff experts in their field to cover all aspects of a project in an optimal way.

- 01 Guide site engineers in the right direction
- 02 Attention to the technical specifications and design trends
- 03 Credence of materials and equipment used and specified in the project
- 04 Coordination between the contractor, the customer and the various departments in the project



The project lifecycle

01

Concept and brief

User input, site restraints, the recommendations of the materials engineer and a historical study of building usage.

02

Design and documentation

Coordinated architectural, structural and MEP sets, specifications, bills of quantities and contract terms.

03

Tender and award

Analysis of bidding, contractor evaluation and construction management planning.

04

Construction

Resident engineering, material approvals, progress payments and coordination on site.

05

Snagging

Defects listed, corrected and re-inspected before the maintenance period begins.

06

Final handing over

At the term of the maintenance period a final check is performed and the project is definitively delivered.

07

Financial closure

Final closure of the contract by submitting the final payment and closing the contractor's account.

08

Future phases

A master plan for long-term expansion, updated as the user's requirements and site conditions change.

Multi-hazard building design

The HSE design review considers four fundamental principles, taken together with the other design objectives and within the total project context, in order to achieve quality, high performance buildings.

Plan for fire protection	Ensure occupant safety and health	Resist natural hazards	Provide security for occupants and assets
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FIRE PROTECTION DESIGN

A fire protection engineer with adequate experience is involved in all phases of design. Design standards and criteria include statutory requirements, voluntary requirements addressing the owner's performance needs, and requirements imposed by insurance carriers on commercial projects.

Site design integrates fire department access, suppression, separation distances and site security; building construction requirements address construction type, allowable height and area, exposures, fire ratings, materials and systems.

SYSTEMS ADDRESSED

Egress and exit stairways	Standpipes and hose outlets
Areas of refuge	Emergency power and exit signage
Detection and notification	Smoke control and fireproofing
Fire suppression and water supply	Occupant emergency plans

Legislation and standards

AUTHORITY OR STANDARD	APPLIED TO
Civil Defence Department, UAE	Fire and life safety
NFPA	Fire protection systems
CE standard	Equipment and materials
British Standard	Structural and building works
Estidama Pearl Rating System	Sustainability rating
Municipality development codes	Permitting and area plans

BALANCING SAFE AND SECURE DESIGN

Design requirements addressing various threats may pose conflicts in arriving at acceptable design and construction solutions. ASAS considers and solves these conflicts in the best interest of the client, the users and building safety.

The office is aware of the merit and needs of developing emergency plans that integrate the proper line of communication and establish the need for appropriately trained personnel.

LONG-TERM COMMITMENT

Our duty towards our clients and projects does not end with the final handover, nor is it limited to legal obligations. Our ethical and moral principles bind us to a lifelong commitment.

We believe that our role as designers, supervisors and consultants in the life of the project, although decisive, is merely a milestone in its long use. The real influence in the long run is the user. We make every effort to ascertain that this use is as agreeable, efficient and safe as possible.

RECORDS

All project records kept on electronic media and in hard copy

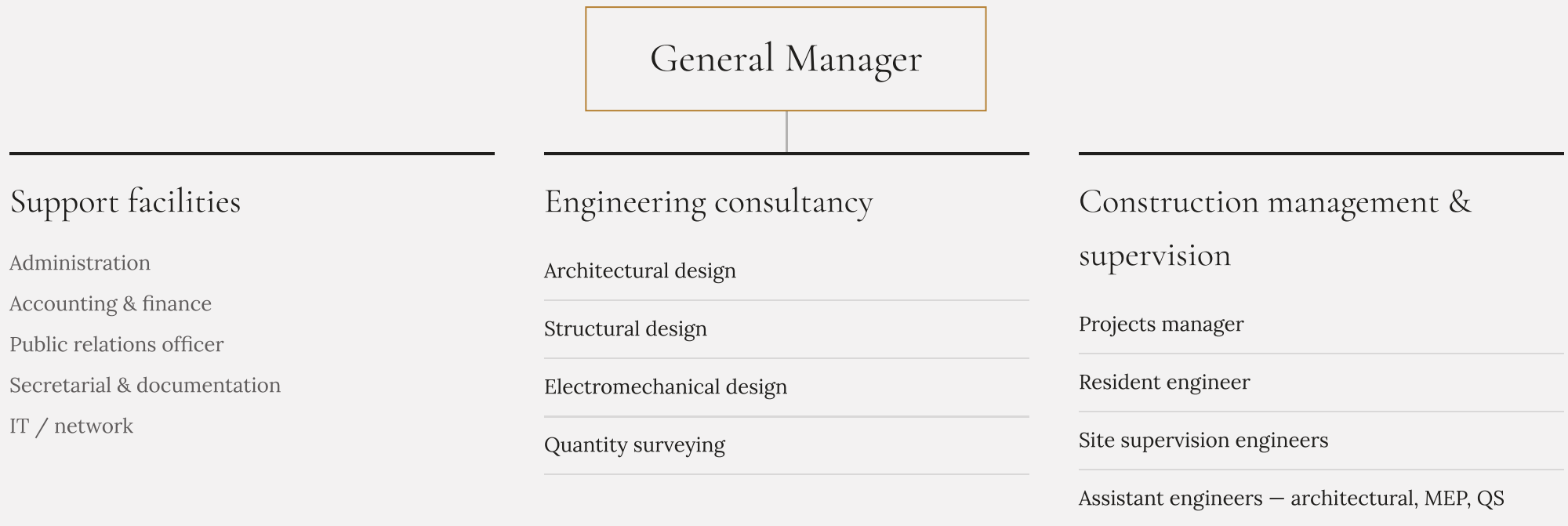
Clients may obtain copies of project documents at any time

Supervision teams mobilise again for any future phase once awarded

Organisation

Two arms under one general management: engineering consultancy, and construction management and supervision – supported by administration, finance and IT.

Organisation chart



The team

Staffing is set per project; the disciplines below are held in house and supplemented by external associates for large-scale work.

DEPARTMENT	ROLES
Architecture	Head of department, senior architect designers, senior architects, junior architects, architectural draftsmen
Structure	Head of structural department, senior structural designers, structural draftsmen
Electromechanical	Head of MEP department, senior electrical designer, A/C engineer, plumbing engineer, MEP draftsmen
Quantity surveying	Quantity surveyors, specification engineers
Supervision	Projects manager, resident engineer, site supervision engineers and assistants by discipline
Support	Administration, accounting and finance, public relations, documentation, IT and network

Selected projects

Towers, commercial and residential buildings, industrial facilities, infrastructure, schools, compounds, private villas and interiors across Abu Dhabi, Al Ain, Sharjah and Dubai.





SELECTED PROJECTS – TOWERS

Four towers, Al Nahda

Location	Sharjah, Al Nahda
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Composition	3B + 6 podium
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Parking	6 levels
---------	----------

Height	37 floors
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A four-tower composition over a shared podium, with full architectural, structural and electromechanical design by the office.

Commercial and residential buildings



Ground + mezzanine + 7

MOHAMED BIN ZAID CITY, MUSAFFAH M26



3B + G + 7 floors

KHALIFA CITY, SECTOR MSH36



Residential building

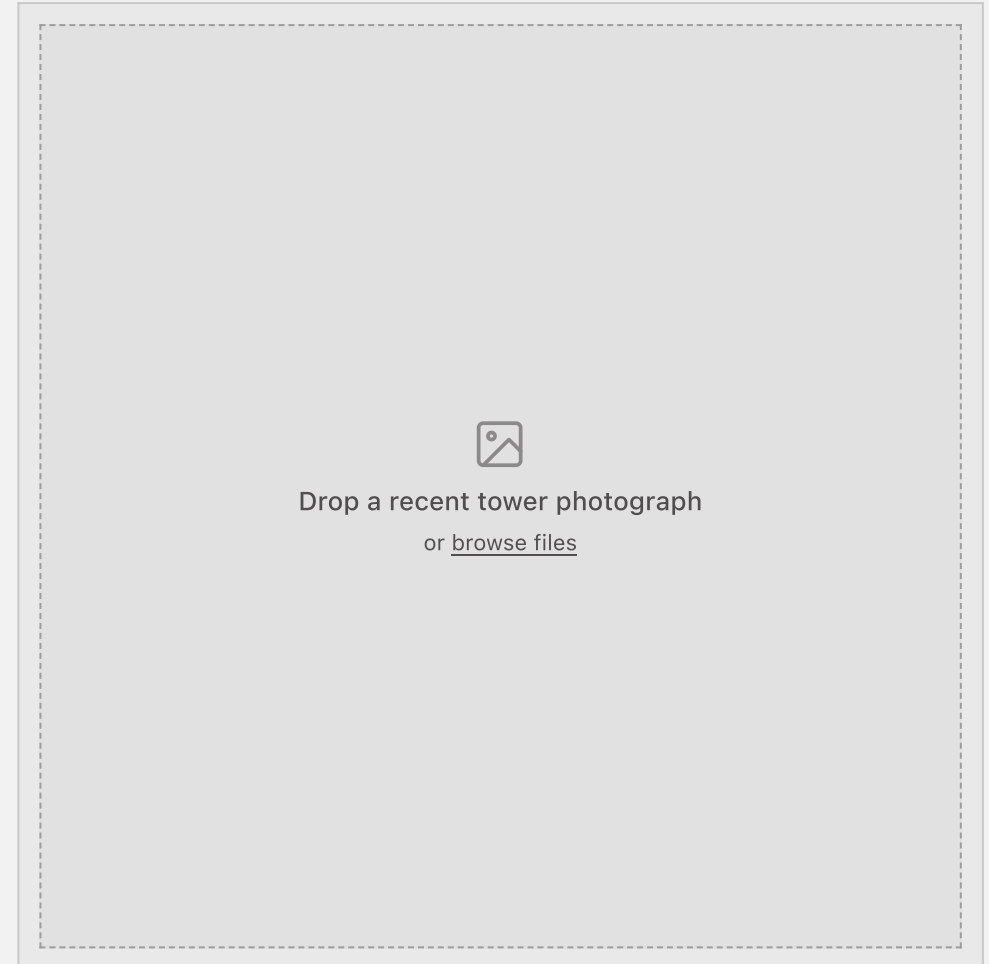
ABU DHABI, AL RAHA BEACH, RBW2

Towers, Abu Dhabi



MBZ City Towers

MOHAMMED BIN ZAYED CITY, ABU DHABI



Add a recent project

DROP AN IMAGE AND EDIT THIS CAPTION

Industrial and showrooms

Warehouses, factories and showrooms in the Musaffah industrial area, including steel structures and prestressed slab design.



Showroom, Musaffah M42

or [browse files](#)



Industrial facility, Musaffah M42

or [browse files](#)



Industrial facility, Musaffah M15

or [browse files](#)

Showroom

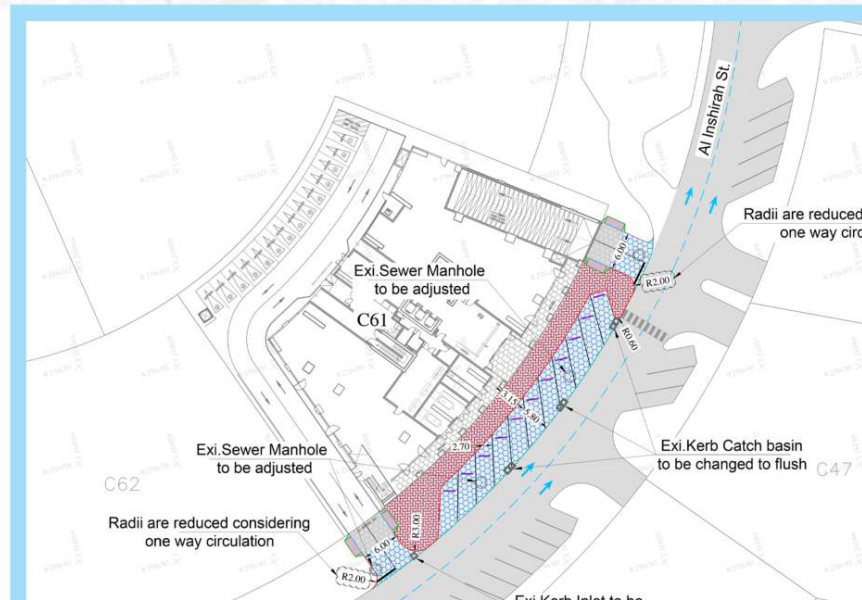
MUSAFFAH INDUSTRIAL, M42

Industrial facility

MUSAFFAH INDUSTRIAL, M42

Industrial facility

MUSAFFAH INDUSTRIAL, M15



Traffic and access studies

Parking layouts, kerb and sewer adjustments, one-way circulation, service bays, speed humps and road marking — prepared for municipality review on Abu Dhabi Island and in Khalifa City.

Sectors	C61, C31, C32, C47
Scope	Traffic studies & analysis
Discipline	Infrastructure and urban planning

Schools



Culture Private School

FULL CAMPUS MASTER PLAN AND SPORTS FACILITIES



Emirates Private School



American International School

or [browse files](#)

American International School

SELECTED PROJECTS — COMPOUNDS

Compound villas

Multi-unit villa compounds designed as a single architectural family, with shared access, parking and services planned across the plot.

Khalifa City	Sector SE36
Mohamed Bin Zayed City	Sector Z19
Shakhbout City	Sector MSH6
Mohamed Bin Zayed, Abu Dhabi	C176



Private villas



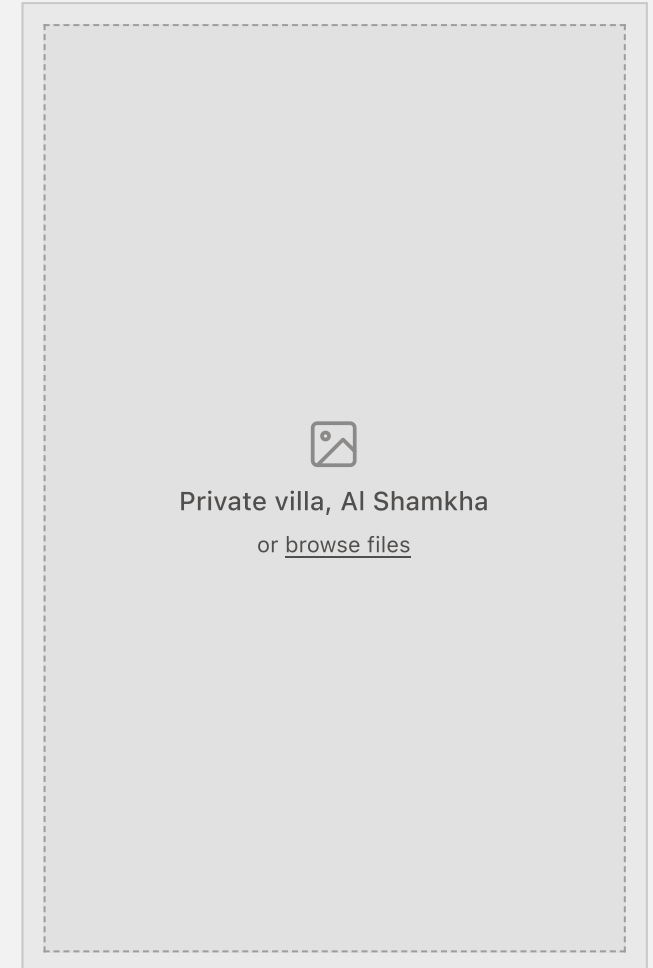
Ground + first floor

SHAKHBOUT CITY, W01



Ground + first floor

KHALIFA CITY, SE24



Ground + first + roof

MOHAMED BIN ZAID CITY, Z14

Residential villas



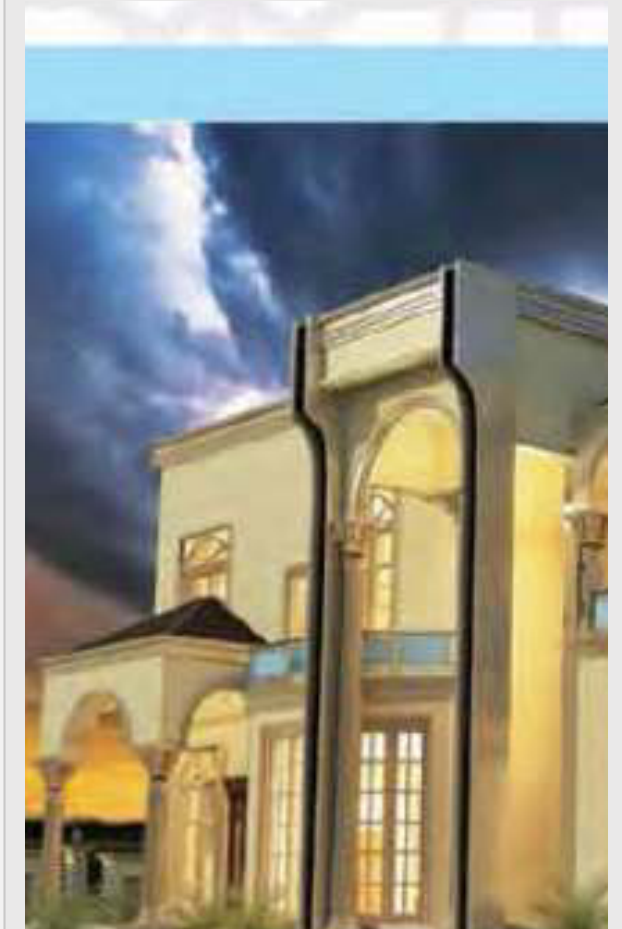
Residential villa

AL SHAMKHA, SH3



Residential villa

MADINAT AL RIYADH, RD32



Residential villa

BANI YAS, EB11-01

Villas by location

ABU DHABI CITY

Abu Dhabi Island	SW14-01, E41
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Khalifa City	SE42, SE45, SW15
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Mohamed Bin Zayed City	Z24, Z30, Z33, Z36
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Shakhbout City	MSH1, MSH4, W01
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GREATER ABU DHABI

Madinat Al Riyadh	RD8, RD19, RD26, RD31, RD32
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Al Shamkha	SH3, SH26
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Bani Yas	EB9, EB11-01
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Al Rahba	Al Rahba L
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BEYOND THE CAPITAL

Al Ain	Al Mudaif area
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Dubai	Al Awir First
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Sharjah	Al Nahda
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Musaffah	M15, M42, M26
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Interior design

Majlis and reception halls, residential interiors, hotel rooms, restaurants, retail and showroom fit-out — designed and detailed in house.



Residential interiors



Reception hall

CLASSICAL DETAILING, PRIVATE VILLA



Majlis and dining

MASHRABIYA SCREENS AND MARBLE

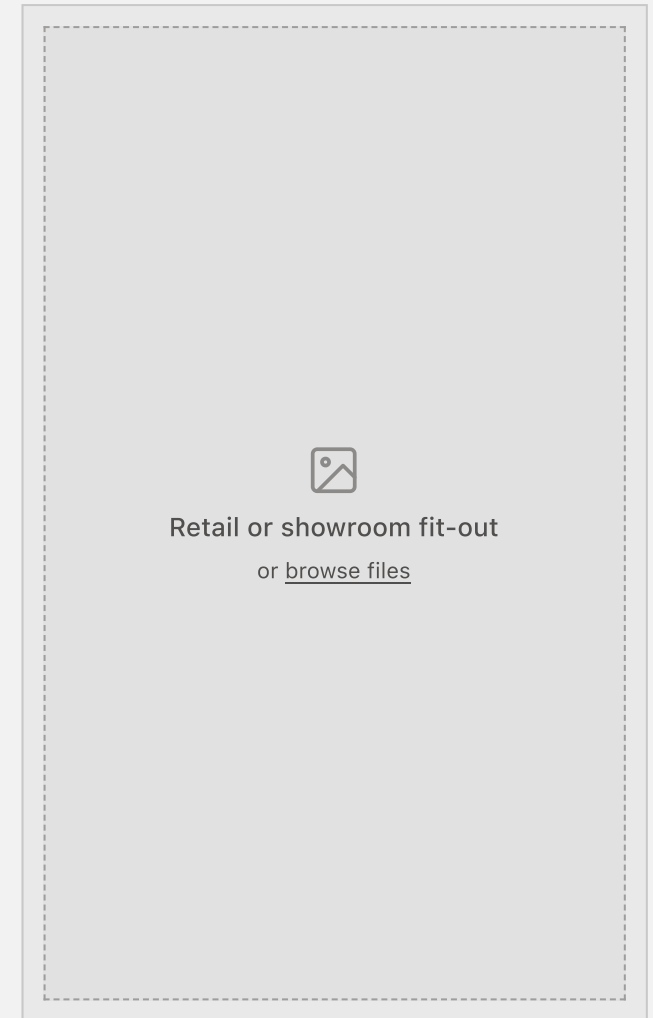
Hospitality and retail



Restaurant



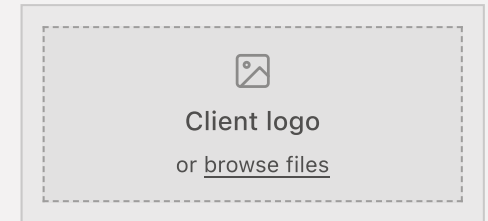
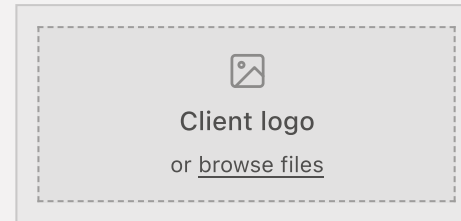
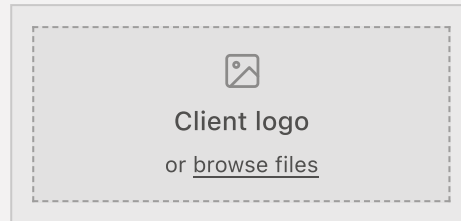
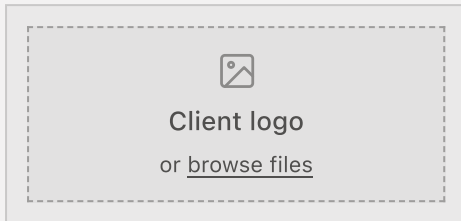
Hotel lobby



Retail and showroom

Clients and associates

Add your client logos and named references below — the slots hold whatever you drop into them.



WHO WE WORK FOR

Private developers and building owners

Contracting companies

Public sector and municipality projects

Private villa and palace clients

The company's team of consultants includes leading experts in their areas of specialisation, implementing incisive tailor-made solutions that target the key issues within complex projects.

Licences and accreditations

Fill in your current licence numbers and expiry dates before issuing this profile; drop scans of the certificates into the slots.

REGISTRATION	AUTHORITY	NUMBER
Trade licence	Abu Dhabi DED	—
Consultancy registration	Abu Dhabi Municipality	—
Civil Defence approval	UAE Civil Defence	—
Estidama PQP	Department of Municipalities and Transport	—
Chamber of commerce	Abu Dhabi Chamber	—



Licence scan
or [browse files](#)



Let us start your next project

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