



QUALIFICATION DOCUMENT/ COMPANY PROFILE

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1. INTRODUCTION

1.0 Introduction

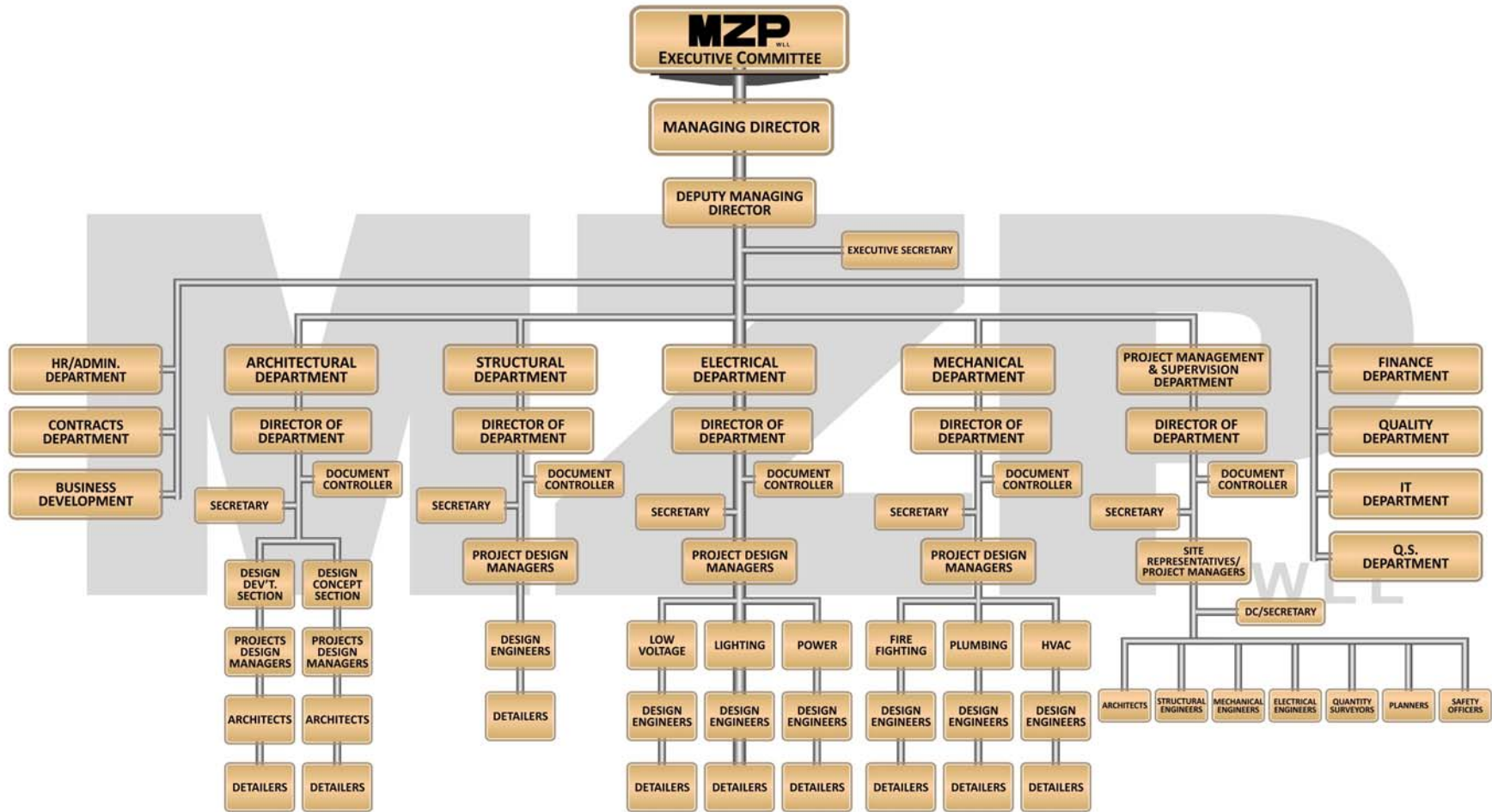
We have the pleasure to introduce ourselves as one of the leading architectural and engineering firms in the middle-east, specializing in providing a wide range of consultancy services for the construction industry.

MZ & Partners is registered at the Ministry of Municipal Affairs Urban Planning and Development Authority and Qatar Chamber of Commerce and Industry. Foreseeing Qatar's requisite for innovative modern architectural design, MZ & Partners is at the forefront among its competitors in satisfying a wide range of Clients by producing exclusive tailor made design concepts to meet individual Client requirements. Our services cover the design and supervision of a variety of residential, commercial, hospitality towers and buildings, educational facilities, residential compounds, sports facilities inclusive of sports stadia, entertainment outlets, industrial and environmental projects, blast resistant buildings, steel structures, utility tunnels, infrastructure design etc. MZ & Partners provide support to developers and the construction industry by providing them value engineering and technical support services inclusive of Glass/Façade/Skylights/Balustrade/Canopy design, Stone, GRP & Aluminium cladding design, preparation of shop drawings, pipe stress analyses, carbon fiber reinforcement, bar bending schedules, fabrication drawings and shop drawings. In addition, using its enormous experience in the regions statutory regulations requirements, MZ & Partners has provided Architect of record (local consultant) services for many international companies for their prestigious projects in Qatar.

The Management team headed by our **Managing Director, Fawzi Ismail** develops business opportunities, coordinates and assures that the best services are provided to our esteemed clients. He is backed up by teams of Senior Architects, Designers, Structural Engineers, Civil Engineers, Electrical Engineers, Mechanical Engineers, Project Managers, Project Engineers and Contracts Engineers and Quantity Surveyors.

MZ & Partners has devised a corporate management and administrative structure, adopting a rigorous strategy to develop and improve the company. This is done by implementing a Quality management system and by in-house training, continuously using state of the art techniques and methods to transfer experience to junior staff to be able to serve a wide range of clients whose needs vary from the simplest residential to the most specialized design. MZ & Partners have aligned its management system with ISO 9001:2015 and obtained its certification on 04/07/2012.

2. ORGANIZATION CHART



3. STAFF SUMMARY LIST

3.0 Staff Summary:

SN	CATEGORY	NOS.
1	Managing Director	1
2	Department Directors	4
3	Interior Designers	4
4	Senior Architects	12
5	Architects	57
6	Architect Inspectors	9
7	Architect Detailers	2
8	Consultant Representatives	7
9	Lead Design Structural Engineers	5
10	Structural Design Engineers	19
11	Senior Structural Engineers	14
12	Civil Engineers / Inspectors	19
13	Structural Detailers	26
14	Electrical Design Engineers	10
15	Senior Electrical Engineers	7
16	Electrical Engineers / Inspectors	12
17	Electrical Detailers	18
18	Lead Design Mechanical Engineers	4
19	Mechanical Design Engineers	6
20	Senior Mechanical Engineers	5
21	Mechanical Engineers / Inspectors	12
22	Mechanical Detailers	14
23	Assistant Project Coordinator	1
24	Quantity Surveyors (Arch – Civil)	11
25	Planning Engineer	1
26	HSE Officers	3
27	Human Resources Department	3
28	Business Development	6
29	Finance Department	2
30	P.R.O.	6
31	IT/ Programmer/ Computer Engineers	3
32	Maintenance	1
33	Document Controllers/ Secretaries/ Receptionist	38
34	Drivers and Office Assistants	19
TOTAL		361

4. KEY PERSONNEL QUALIFICATIONS

4.0 Key Personnel Qualifications

A: Department Directors

1. Fawzi Ismail - Managing Director & Director of Structural Department
2. Nicolas Jarrouj - Director of Architectural Department
3. Youssef Hayek - Director of Project Management & Supervision Department
4. Vartan Kouzoudjian - Director of Electrical Department
5. Hassan Sultan - Director of Mechanical Department

B: Technical Support Staff

6. Anjali Prasannan - Contracts Manager
7. Fadi Ali Haidar - Senior Structural Engineer
8. Dr. Ahmad Shaat - Senior Structural Engineer
9. Adel Medlej - Senior Structural Engineer
10. Sami Zaher - Senior Structural Engineer
11. Mustafa Hesenow - Senior Structural Engineer
12. Nabih Issa - Senior Civil / Roads Engineer
13. Hagop Derwichian - Senior Civil Engineer
14. Joel Acheron - Senior Electrical Engineer
15. Hassan Chakaroun - Senior Mechanical Engineer
16. Ghassan Traboulsi - Senior Mechanical Engineer
17. Mustafa Ayash - Senior Mechanical Engineer
18. Hekmat Murad - Project Manager (Architectural)
19. Walid Rihan - Project Manager (Architectural)
20. Mohammad Hamdy - Project Manager (Architectural)
21. Alex Atienza - Senior Architect
22. Hani Cousteau - Senior Architect (Supervision)
23. Nestor Balacauit - Senior Structural Engineer (Supervision)
24. Romel Arenas - Senior Structural Engineer (Supervision)

ENGR. FAWZI MOHD ISMAIL

Personal Particulars:

Profession: **Civil/ Structural Engineer**
Place Of Birth: Lebanon
Nationality: Lebanese

Qualifications and Experience:

- 1.0 Education:**
- MSc in Engineering – 1983 Major – Structural Engineering
University of California at Davis, USA
 - BS in Civil Engineering – 1981 Major – Civil Engineering
University of California at Berkeley, USA
 - Technical Baccalaureate (Part 2) – 1974
Major: Topographical Surveying Beirut Technical and
Vocational School Beirut, Lebanon

UPDA Qatar - Grade A License

2.0 Summary of Professional Experience

STRUCTURAL ENGINEER responsible for corporate and project management; planning; land, topographic, engineering and geodesic surveys; design supervision; quality assurance and human resources development.

ASSIGNMENTS at location in Middle East and Arabia Gulf including project management, civil structural. Architectural, facility engineering for design, fabrication and construction; supervision of construction; quality assurance; land and engineering surveying, third party certification for specialist designs.

PROJECTS include towers, hotels, schools, malls, residential compounds, industrial buildings, roads and highways; cadastral, geodetic and topographic surveys; military bases including civil works and headquarters, training, workshop, ammunition igloos, barracks and recreation buildings; military airport facilities including runaways, taxiways, control towers, hangars and civil works; ship repair and port facilities; sewage treatment plants, drainage lines and pumping stations; water storage reservoirs; steel and reinforced concrete structures; pre-engineered steel building; piled foundations; commercial, industrial, office and residential towers.

Career Details:

- 1.0 MZ & Partners**
Architectural & Engineering Consultancy W.L.L.
Doha, Qatar

Position **Managing Director – 2008 to Present**

Responsibilities Overall management of the company with specific emphasis on client satisfaction and promoting professional and ethical conduct with the aim to apply state of the art methods and techniques in compliance with local environment and local rules and regulations and International standards.
As a Managing Director, responsibility includes monitoring the company's management system to align it with ISO standards.

2.0 MZ & Partners Architectural & Engineering Consultancy Doha, Qatar

Position	Head of Structural Engineering Department – 2002 to 2008
Responsibilities	Leading a team of Engineers & Draughtsman providing supervision and coordination of Structural detail design drafting, coordination of structural drawings with architectural, mechanical and building services drawings, preparation of shop drawings, and supervision of construction.
Projects Included	<ul style="list-style-type: none">- Residential and Office Towers ranging from 15 to 57 storeys, more than 50nos. Composed of reinforced concrete, post tensioned concrete, structural steel and composite construction.- Elevated Water Tower: 5000m³ capacities with ellipsoid shape supported on three legs 50m high.- Structural steel workshops, industrial facilities and military workshops.- Water and waste water treatment plants and related facilities including cylindrical water reservoirs (Ø39 x 19.5m high) at Pearl G.T.L. – Ras Laffan.- Blast resistant Silo Building, workshop and command centre and Archives Building at Mesaieed and Ras Laffan.- Concrete pavements and asphalt pavements for roads and parking facilities.- Deep and shallow foundations including shoring and lateral stability of soil/ rock for deep excavations.- Facades made of structural glazing, metal cladding, marble and stone and granite cladding G.R.C and Precast Concrete.- Long span structural steel roof for Hamad Aquatic Centre 73m x 112m with the longest span of 92m.- Sports stadium with a 60m high leaning spectator stand with 29m horizontal projection.

3.0 Al Misnad Trading & Contracting Doha, Qatar

Position	Project Manager, 1994 to 2002
Responsibilities	Responsibilities included tendering, project planning and scheduling and following the progress of the projects in compliance with the designs and specifications and controlling and monitoring the cost of the projects to achieve the optimum profit for the company
Projects included	<ul style="list-style-type: none">- Al Wajbah Palace Interior design and decoration, landscaping and miscellaneous buildings, sports facilities, cobble and pebble stone pavements, car parking, gates and guard facilities.- 24 Villas Compounds and Club House at Bin Omran- Administration Building at Bin Omran- Jalaha Degassing Station pipe supports and fence.- Beach Villa and Marina at Al Khor including hard and soft landscaping and swimming pool.- Villa at Al Khor Farm. Also work included swimming pool, fence and miscellaneous buildings for live stock and generator room and boat landing for private yacht.

4.0 Ministry of Defense, Qatar Armed Forces (Armed Forces Works Engineering Unit) Doha, Qatar

Position	Structural Engineer - 1985 to 1994
Responsibilities	Responsible for project management, tenders, planning, in-house design and quality assurance for design, fabrication, construction and commissioning of civil works, buildings and related facilities for new and existing army and air bases, and naval ports and harbors.
Projects included	Hardened shelters, ammunition igloos, warehouse, workshop buildings <ul style="list-style-type: none">- Headquarters, administration, barracks, mess, recreation, training, and officer's residential villas- New Air Bases, including hangars, control towers, runways, taxiways, roads, civil works and underground shelters- Firefighting and Rescue Services and Facilities- Electric Power Generation Plants- Water Treatment Plants and Distribution Systems- Water Storage Reservoirs- Elevated Water Storage Towers- Sewage Treatment Plants and Sewerage Systems- Pumping Stations- Communication Towers- Military Training Facilities- Weapons Testing and Storage Facilities- Security Services and Facilities- Halul Island Port Communication Tower- Naval Base Slipway and Syncrolift.- Coast guard jetty at Ras Ushairij

5.0 1983-1985 – Freelance

Position	Structural Engineer – 1983 to 1985
Responsibilities	Assessed several war damaged structural concrete buildings in terms of repair worthiness and estimated the cost of retrofitting them.

6.0 General Agencies Contractors Riyadh, Saudi Arabia

Position	Structural Engineer – 1983 to 1983
Responsibilities	Structural Engineer assisting in preparation of estimates for tender proposals for construction of several airports in the Kingdom.

**7.0 Techniconsult, Mecca
Saudi Arabia**

Position ***Land Surveyor and Construction Supervisor*** – 1976 to 1978

Responsibilities Responsible for setting out and fixing bench marks; geodesic networks; surveying roads in the city of Mecca; and setting out limits of new residential developments.

Duties also include supervision of operation of precast and pre-stressed concrete plant, and operation of pre-stress jacks and alignment of foundations and columns at old Jeddah Airport.

**8.0 Philpichenco Topographic Bureau
Beirut, Lebanon**

Position ***Land Surveyor*** – 1974 to 1976

Responsibilities Responsible for planning, scheduling and supervision of Geodesic, cadastral, topographic and level surveys, and horizontal and vertical road set out and alignments.

ARCH. NICOLAS JARROUJ

Personal Particulars:

Profession: **Architect**
Place Of Birth: Lebanon
Nationality: Lebanese

Qualifications and Experience:

1.0 Education: Diploma in Architectural Engineering
Holy Spirit Kaslik University – Lebanon

UPDA Qatar - Grade A Architect

Career Details:

1.0 MZ & Partners
Architectural & Engineering Consultancy W.L.L.
Doha, Qatar

Position: **Deputy Managing Director/ Architectural Department Director**
- 2002 to Present

Responsibilities

Major Projects Design include:

- BTC-JW Marriott Hotel Tower (3B+G+M+51 F) at West Bay
- Brooq Tower (3B+G+M+43) at West Bay
- Office Tower Marina Mix 005 (4B+G+29) at Lusail
- Burj Almana Tower - Office & Residential for Mohamad Hamad Almana at Corniche (6B+G+56)
- Al Bandy Hotel Tower (3B+G+29) at Dafna
- Qatar Development Bank Services Compound at New Industrial Area
- 22 Plots at Foxhills Lusail for Qatar General Insurance & Re-insurance Co.
- Les Roses 3 Compound for Nasser Al Kaabi
- Additional 50 Villas Compound for Shk Suhaim Al Thani
- Office Tower – Marina Com-20 (3B+G+27) for Abdulla Al Misnad at Lusail
- Oberoi Hotel/ Trident Hotel/ Renaissance & MEA/ Courtyard & Residence Inn
- New Kahramaa Tower at Lusail 5B+G+M+19+T
- Palestinian School in Doha
- Commercial & Residential Building at Bin Mahmoud
- 2B+G+M+3 Office Building at ECQ Plot B03
- Al Bustan Complex, 5star Hotel, 7nos. res. blocks & 2nos. office buildings
- Kahramaa Tower at Lusail 5B+G+M+19+T
- New Lexus Showroom 4B+G+2
- G+7 Kamel Saleh Building
- Mazaya Residential Compound at Al Gharrafa
- Dr. Ali Fetais Office Tower at Lusail
- Alaqaria Delta Centre at Lusail
- Olayan Office Complex at Lusail
- Royal Ranches Marrakech 988,000sqm.
- Royal Resort Cap Malabata 381,948sqm.

- The Sports Club	298,564sqm.
- Energy City Qatar	721,584sqm.
- Al Dana Office Tower	27storeys
- "M" Tower	25 =
- Regency Tower	25=
- Al Dafna Towers (3nos.)	36 =
- Al Dafna Tower (1no.)	40 =
- Residential Tower	31 =
- I Seal Tower	30 =
- Office Tower	25 =
- Office Tower	29 =
- Lotus Tower	25 =
- Salam Centre – The Gate	15 =
- Rings Tower	25 =
- Hotel Apartment	54 =
- West Bay 44 Tower	44 =
- Ali Bin Ali Hotel	20 =
- Swan Tower	51 =
- Grace Tower	55 =
- Grand Residential Tower	38 =
- Transworld Tower	3B+G+M+15
- Office Tower	B+G+15
- West Bay Lagoon Towers (2nos.)	34 storeys
- Navigation Tower	52 =
- Twin Palm Towers	57 =
- Office Tower	40 =
- Twin Towers (2nos)	40 =
- 200 Villa Compound & Club House	
- 154 Villa Compound	
- 128 Villa Compound	

2.0 Marwan Zgheib Office Lebanon

Position **Architect** - 1996 to 2002

Responsibilities Projects include:

- KBC Kaslik Business Center – Kaslik, Lebanon
Design and Supervision
- Touma 1 Residential Building (13storeys) Sarba – Lebanon
Design and Supervision
- Bani 5 Commercial Center at Mutayleb, Lebanon
Design and Supervision
Tripoli's Gate Commercial Center (12storeys) Tripoli, Leb.
Design
- Bani 2 Residential Building (7storeys) at Al Chaar, Lebanon
Design and Supervision
- Bani 4 2 Residential Buildings (7storeys) at Al Chaar, Lebanon
Design and Supervision
- Theatre Olympia De Kaslik – Kaslik, Lebanon
Interior Design and Construction
Private Villa – Mazraat Bani Saab – Lebanon
Design and Supervision

ENGR. YOUSSEF IBRAHIM HAYEK

Personal Particulars:

Profession: **Civil Engineer**
Place Of Birth: Lebanon
Nationality: Lebanese

Qualifications and Experience:

- 1.0 Education:**
- B.S. Civil Engineering
University of Washington, USA, 1978
 - B.S. Biology
HAIGAZIAN College, Lebanon, 1975
 - UPDA Qatar - Grade A License

Career Details:

**1.0 MZ & Partners
Architectural & Engineering Consultancy W.L.L.
Doha, Qatar**

Position **Project Management and Supervision Department Director -**
January 2005 to Present

Responsibilities

Strategic planning, matrix organization development, personnel assignment, delegation, team building, conflict/problem solving, leading, motivating and inspiring projects team members and manager & coordination with other departments.

**2.0 USA Embassy
Beirut, Lebanon**

Position **Engineer/Maintenance Supervisor -** October 1997 to March 2004

Responsibilities

Act as COR, Contracting Officer Representative for all Embassy projects, coordinate all technical matters with FBO, Foreign Building Office in Washington DC & establish preliminary designs, scopes of work and specifications, BOQ for minor projects, review and provide bids evaluations and recommendation, supervise projects execution, quality control, and handing over.

**3.0 GEMACO Company
UAE**

Position **Project General Manager -** December 1994 to March 1997

Responsibilities

Carry out business development for the company, Planning, Coordination, Cost Estimation and preparation of tender documents and overall management of the project.

4.0 INTERGULF Abu Dhabi – UAE

Position ***Project Liaison Superintendent*** (PLS) for the third LNG train project on DAS Island - March 1990 to Feb 1993

Responsibilities Responsible for all the project technical issues & the coordination of all the project activities between ADGAS, EPC Contractor, CHIYODA, CCC, Abu Dhabi National Oil Company (ADNOC) and Abu Dhabi Marine Operating Company (ADMA-OPCO).

5.0 INTERGULF Abu Dhabi - UAE

Position ***Project/ Site Manager*** – DAS Island - March 1990 to Feb 1993

Responsibilities Responsible for business development & coordination. Established a local office for the company on DAS Island and represented INTERGULF for all construction and maintenance contract.

Projects Executed Detailed design and construction of AL-GEEMI camp as a Turn Key project, to accommodate 2900 personnel, of different nationalities and managerial levels. And a sewage filtration and pumping unit.

6.0 Bin Hammoudah Group Abu Dhabi, UAE

Position ***Marketing & Properties Engineering*** - April 1986 to Feb 1990

Responsibilities Represent the owners on the design and construction of several villas, conduct market and feasibility studies.

7.0 Lebanese Engineering Works UAE & Lebanon

Position ***Office Engineer/Projects Engineer*** - Aug 1978 to Oct 1985

Responsibilities **Project Engineer:**
The site management and supervision of many specialist projects, steel structures, storage tanks and pipe lines.

Office Engineer:
Assist in the review of tender documents, drawings, specifications, quantity surveying, BOQ verification for the Um El Nar Refinery expansion project in Abu Dhabi, UAE and several structural steel and piping fabrication works.

- TRAINING:**
- Microsoft Tools - 2001
 - Crisis Management – 2001
 - Power Quality Training on Effective Grounding – 2001
 - Harmonic Management and Trouble Shooting – 2001
 - CFC recycle/Recovery Equipment Training – 2002
 - Maintenance Safety – 2002

- ACHIEVEMENTS:**
- Superior Performance Award 1999
 - Superior Honor Award 1999
 - Sustained Superior Performance Award 1999
 - Nominated Foreign Service National of the year 2000
 - Meritorious Honor Award 2001
 - Outstanding Performance Award – 2002
 - Meritorious Honor Award 2003

COMPUTER SKILLS: Microsoft office tools, AutoCAD, Primavera.

- MEMBERSHIPS:**
- American Society of Civil Engineers
 - Lebanese Syndicate of Engineers

ENGR. VARTAN GARABET KOUZOUDJIAN

Personal Particulars:

Profession: **Electrical Engineer**
Place Of Birth: Lebanon
Nationality: Lebanese

Qualifications and Experience:

- 1.0 Education:** Bachelor of Engineering,
1975 Graduate of Electrical Engineering
AUB, American University of Beirut, Lebanon
- 2.0 Professional Institutions:** Lebanese Order of Engineers and Architects, Beirut.
Qatar – Classification Grade (A) Consultancy

Career Details:

**1.0 MZ & Partners
Architectural & Engineering Consultancy W.L.L.
Doha, Qatar**

Position **Director of Electrical Department** - April 2003 to Present

Company One of the leading & innovative Building, Civil & MEP consultancies in Qatar

Responsibilities Heading the Electrical Department and Project Engineer and involved in all the projects of the company.

**2.0 ACE, Associated Consulting Engineers
Beirut, Lebanon**

Position **Head of Electrical Department** - 1992 to March 2003

Responsibilities Headed the Electrical Department and performed the duties of project manager and engineer to many projects.

**3.0 Vahe R. Yacoubian, Engineering Services Consultancy Office
Doha, Qatar**

Position **Head of Electrical Dept. & Office Manager** - 1975 to 1990

Responsibilities Headed the Electrical Department from 1979 onwards, performed the duties of Office Manager from 1980 onwards.

Selected Project Involvement:

Hamad Medical Corporation OPD Annex
World Trade Centre
Al Aqaria Building @ ECQ
Field Operation Building (Ras Laffan)
Kahramaa Tower
GTC 220/2008-Head Works for Mesaimeer RPS and Associated Pipeline
Lusail Development Project Primary Infrastructure 66/11 KV Substation
South Utility Tunnel at Qatar Foundation
Souq Wakeq Hotel Block-C
Viva Bahriya VB8, VB15, VB16, VB25
Civil Defense Headquarter
Al Sadd Development Office Tower
Al Olayan Office Buildings @ ECQ
Dr. Ali Fetais Office Tower – Lusail

8 Villas Compound for Mr. Ibrahim Al Rashid Al Misnad
Al Khayareen – Tourist Furnished Apt. – 3B + G + M + 44
Qatar Navigation Tower:
54 Floors; Office Tower; Commercial Tower; Doha Qatar
West Bay Lagoon Plaza:
37 Floors; Commercial and Residential Center; Height 145.8m; Doha Qatar
Twin Palm Tower:
44 Floors; Height = 180.2m; Doha Qatar
Al Khayareen Office Building:
9 Floors; Office Building; Doha Qatar
QIB: Residential Hotel:
17 Floors + Penthouse; height: 63.65m; Doha Qatar

Fahed El Khater Hotel Apartments:
58 Floors; Hotel Apartments, Residential height 212.1m;
Commercial and Residential Compound (83 Villas; 182 Souk; Club House;
Staff Accommodation; Guard House (2 nos.); Mosque; Nursery; G+1
Building Apartment (x12); G+2 Building Apartments (x12); Doha Qatar
12 Villas Compound:
G+1 at West Bay; Doha Qatar
67 Villas Compound:
Club House; Apartment Building G+2; Guard House x2; Doha Qatar
34 Villas Compound (G+1):
Residential; Clubhouse; Doha Qatar
M Tower Residential Tower:
26 Floors; Height = 114.1m; Doha Qatar

4 Towers Al Dafna Residential Towers:
41 Floors per Tower; Residential Tower; Height = 154.65m
Lotus Tower:
29 Floors; Height = 115.55m; Offices; Doha Qatar
Tourist Apartment:
5 Floors + Penthouse; Residential; Doha Qatar
Abdulghani and Bros. Complex:
Commercial & Residential Building; 10 Floors; Height = 38.3m; Doha Qatar
Abdulghani Commercial Tower:
29 Floors; Height = 134.10m; Doha Qatar
Saeed Al Misnad Office Tower:
33 Floors; Height = 134.9m; Doha Qatar

Headquarter Building of Gulf United:

7 Floors; Doha Qatar

Al Seal Residential Tower (Al Okar):

5 Floors; Height = 139.35m; Doha Qatar

Al Dana Tower:

30 Floors; Doha Qatar

Khalid Al Misnad Residential Tower:

35 Floors; Height = 130.25m; Doha Qatar

Sheikha Hanadi Residential Tower:

28 Floors; Height = 97.15m; Doha Qatar

Al Jaidah Hotel and Residential

31 Floors; Residential; Height = 116.10m; Doha Qatar

Office Tower for Mr. Ali Al Khayareen

44 Floors (2 nos.); Office; Height = 193.30m; Doha Qatar

Al Jazeera Residential Tower

40 Floors; Residential; Height = 154.50m; Doha Qatar

Office Tower for Mr. Saeed Al Mlsnad

31 Floors; Offices; Height = 129.50m; Doha Qatar

Residential Tower for Mr. Ibrahim Al Asmakh

27 Floors; Residential; Height = 99.90m; Doha Qatar

Office Building for Shk. Hamad Bin Jassim Al Thani

19 Floors; Offices; Height = 68.50m; Doha Qatar

Residential Tower for Mr. Ali Al Khayareen

43 Floors; Residential; Height = 170.15m; Doha Qatar

Residential Building for Mr. Fahad Buzwair

16 Floors; Residential; Height = 61.80

Mouawad New Community at Dalhamieh - Lebanon

Design of infrastructure utilities, MV/LV distribution networks, road lighting CATV system, telecom networks, and 27.5 MVA power plant.

North and South Coastal Highways - Lebanon

Consisting of 100km x 6 lanes: Design of highway lighting and associated power distribution.

LINORD Urban Development (Sesnord) - Lebanon

Vast urban project involving 2,400,000 m² sea-reclaimed site. Duties involved the master planning of electrical and telecom requirements, in addition to road lighting scheme and load assessment.

Durrat Al Arous - Jeddah Touristic City - Saudi Arabia

Complete electrical design for all housing units, recreational facilities, roads, parks, plants and associated infrastructure and road lighting.

Beirut Northern Suburbs Infrastructure - Lebanon

Road lighting, telephone network, and provisions for power distribution.

Perimeter Highways of Beirut - Lebanon

Road lighting, telephone network and power distribution.

Halba & Hermel Governmental Hospitals - Lebanon

75-bed general hospitals on for levels. Complete electrical design.

Durrah Bahrain, Kingdom of Bahrain:

Seafront and marine development intended for residential and recreational use, on a 700 hectare land and 5 km seashore on the South Eastern coast of Bahrain 25 km of road works and associated electrical utilities and road lighting.

Submarine Cables Terminals - Beirut

Damage assessment of submarine cables terminals at Riad Al-Solh Terminal Center.

Lebanese American University (Beirut Campus) - Lebanon

- Master Planning (in collaboration with educational consultant).
- Irwin Hall Building: Addition of 4th floor library.
- Learning Resource Center.
- Complete renovation works for the following main facilities - Orme Gray Building, Faculty Apartments Building, Fine Arts Building, Irwin Hall Building, Indoor Swimming Pool, Sage Hall Building and Infrastructure.

Al-Wakeel Housing Compound - Riyadh, Saudi Arabia

Complete electrical design.

66 kV Power Transmission – Beirut, Lebanon

Electric Power Transmission from Zouk Mkayel Power Plant to Dbayeh Pumping Station involving high voltage switching station, underground power cables and termination at the other end.

North Beirut Sewage Pretreatment Plant and Sea Outfall at Dora, Lebanon

Complete electrical works, process lines, controls, building and facilities management, power generation, distribution and hazardous zone installation.

South Beirut Sewage Pretreatment Plant and Sea Outfall at Ghadir – Lebanon

Complete electrical works, process lines, controls, building and facilities management, power generation, distribution and hazardous zone installation.

North and South Beirut Sewage Pumping Stations - Lebanon

Total 5 Nos. involving power generation, and installation for hazardous zones.

Ftough Kserwan Governmental Hospital - Lebanon

75-bed general hospital on 4 levels. Complete electrical design.

Yarmouk University, Jordan – Master Planning of Utilities and Plants

Salwa Road Water Treatment and Pumping Station

Qatar Fertiliser Company - utilities and services survey & as-built drawings

Main Headquarters of Qatar National Bank

Ministry of Exterior Building

Qatar National Museum & Indoor Aquarium Museum, including a Lagoon

Barzan 2000-man Training Camp of Qatar Armed Forces Works Eng'g Unit

Qatar National Cement Co., Headquarters.

Al-Misnad Housing Compound and Clubhouse

Salem Shopping Center

Ali Bin Ali New Printing Press

Beach Development for H.H. Office of the Emir

Immigration Headquarters in Khalifa Town (30,000 m2 – designed but not constructed)

Doha Corniche Park (Cost US \$ 20 M.).

Najada Shopping Complex & Multistory Car park Building for Doha Municipality

Re-adaptation of Hotel Sheraton for GCC Conference of Heads of States

Al-Khaleej Insurance Co. Headquarters

Citibank Buildings (throughout the Arabian Gulf)

Riyadh Bank H.Q - Riyadh, Saudi Arabia

Riyadh Bank (3 branches) - Riyadh, Saudi Arabia

Olympic Committee Administrative Headquarters - Riyadh, Saudi Arabia

Youth Welfare Headquarters Building - Jeddah, Saudi Arabia

ENGR. HASSAN ALI SULTAN

Personal Particulars:

Profession: **Mechanical Engineer**
Place Of Birth: Lebanon
Nationality: Lebanese

Qualifications and Experience:

- 1.0 Education:** Bachelor of Science and Engineering,
1981 Graduate of Mechanical Engineering
UOTB, University of Technology, Baghdad
- 2.0 Professional Institutions:** Lebanese Order of Engineers and Architects, Beirut.
American Society of Heating, Refrigerating and Air-Conditioning
Engineers, Inc. (ASHRAE) Member
National Fire Protection Association (NFPA) Member
Qatar – Classification Grade (A) Consultancy

Career Details:

**1.0 MZ & Partners
Architectural & Engineering Consultancy W.L.L.
Doha, Qatar**

Position: **Director of Mechanical Department - April 2003 to Present**

Company: One of the leading & innovative Building, Civils & MEP consultancies in Qatar

Responsibilities: Heading the Mechanical Department and Project Engineer, and involved in all the projects of in all the projects of the company.

**2.0 Spectrum Engineering Consultants
S.A.R.L.**

Position: **Head of Mechanical Engineering Dept. - 1995 to March 2003**

Responsibilities: Headed the Mechanical Engineering Department and performed the duties of project manager and engineer to many projects.

**3.0 IMS-Buchen GmbH
Germany**

Position: **Resident Engineer - 1992 to 1995**

Responsibilities: Resident Engineer for Libya branch office, responsible for financial and technical management and engineering of the entire operation.

4.0 Ansaldo GIE of Milano, Italy – Baghdad Operation

- Position **Start-up and Commissioning Project Engineer** - 1988 to 1992
- Responsibilities Start-up and Commissioning Project Engineer for the:
Dura Thermal Power Station Project 2 x 170 MW – Baghdad
- Coordination of the commissioning program
 - Preparation of contract and commissioning documents and compilation of commissioning and testing procedures
 - Conduction of start-up tests and commissioning of the 27 cu. m./hr. RO and ion exchange water treatment plant
 - Performing pre-commissioning tests and operation of fire fighting, HVAC and H2 & O2 gas plants.

5.0 **Arab Company for Pharmaceutical Industries Iraq**

- Position **Chief Project Engineer** - 1987 to 1988
- Responsibilities Responsible for pharmaceutical equipment and production line:
- Inspection and supervision of construction of plant
 - Approval and review of execution drawings.

6.0 **Technical Studies Bureau Services Baghdad**

- Position **Project Manager and Project Engineer** - 1984 to 1987
- Responsibilities Planning, supervision, design, review and witnessing of tests and commissioning of HVAC system, fire fighting, solar system, LPG gas services (central system), monitoring alarm system, emergency power supply, water services, street lighting project, telephone and HV & LV electricity networks and plumbing.

7.0 **Ministry of Oil – SCOP Salah el Din Iraq**

- Position **Project Engineer** - 1981 to 1983
- Responsibilities Responsible for erection, tests and commissioning of crude oil and LPG gas pipe lines and tanks, coordinated maintenance activities at oil field for light and heavy industrial equipment.

Selected Project Involvement:

Hamad Medical Corporation OPD Annex
World Trade Centre
Al Aqaria Building @ ECQ
Field Operation Building (Ras Laffan)
Kahramaa Tower
GTC 220/2008-Head Works for Mesaimmer RPS and Associated Pipeline
Lusail Development Project Primary Infrastructure 66/11 KV Substation
South Utility Tunnel at Qatar Foundation
Souq Wakeq Hotel Block-C
Viva Bahriya VB8, VB15, VB16, VB25
Civil Defense Headquarter

Al Sadd Development Office Tower
Al Olayan Office Buildings @ ECQ
Dr. Ali Fetais Office Tower – Lusail
8 Villas Compound for Mr. Ibrahim Al Rashid Al Misnad
Al Khayareen – Tourist Furnished Apt. – 3B + G + M + 44
Qatar Navigation Tower:
54 Floors; Office Tower; Commercial Tower; Doha Qatar
West Bay Lagoon Plaza:
37 Floors; Commercial and Residential Center; Height 145.8m; Doha Qatar
Twin Palm Tower:
44 Floors; Height = 180.2m; Doha Qatar
Al Khayareen Office Building:
9 Floors; Office Building; Doha Qatar
QIB: Residential Hotel:
17 Floors + Penthouse; height: 63.65m; Doha Qatar
Fahed El Khater Hotel Apartments:
58 Floors; Hotel Apartments, Residential height 212.1m;
Commercial and Residential Compound (83 Villas; 182 Souk; Club House;
Staff Accommodation; Guard House (2 nos.); Mosque; Nursery; G+1
Building Apartment (x12); G+2 Building Apartments (x12); Doha Qatar

12 Villas Compound:
G+1 at West Bay; Doha Qatar
67 Villas Compound:
Club House; Apartment Building G+2; Guard House x2; Doha Qatar
34 Villas Compound (G+1):
Residential; Clubhouse; Doha Qatar
M Tower Residential Tower:
26 Floors; Height = 114.1m; Doha Qatar
4 Towers Al Dafna Residential Towers:
41 Floors per Tower; Residential Tower; Height = 154.65m

Lotus Tower:
29 Floors; Height = 115.55m; Offices; Doha Qatar
Tourist Apartment:
5 Floors + Penthouse; Residential; Doha Qatar
Abdulghani and Bros. Complex:
Commercial & Residential Building; 10 Floors; Height = 38.3m; Doha Qatar
Abdulghani Commercial Tower:
29 Floors; Height = 134.10m; Doha Qatar
Saeed Al Misnad Office Tower:
33 Floors; Height = 134.9m; Doha Qatar

Headquarter building of Gulf United:

7 Floors; Doha Qatar

Al Seal Residential Tower (Al Okar):

5 Floors; Height = 139.35m; Doha Qatar

Al Dana Tower:

30 Floors; Doha Qatar

Khalid Al Misnad Residential Tower:

35 Floors; Height = 130.25m; Doha Qatar

Sheikha Hanadi Residential Tower:

28 Floors; Height = 97.15m; Doha Qatar

Al Jaidah Hotel and Residential

31 Floors; Residential; Height = 116.10m; Doha Qatar

Office Tower for Mr. Ali Al Khayareen

44 Floors (2 nos.); Office; Height = 193.30m; Doha Qatar

Al Jazeera Residential Tower

40 Floors; Residential; Height = 154.50m; Doha Qatar

Office Tower for Mr. Saeed Al Misnad

31 Floors; Offices; Height = 129.50m; Doha Qatar

Residential Tower for Mr. Ibrahim Al Asmakh

27 Floors; Residential; Height = 99.90m; Doha Qatar

Office Building for Shk. Hamad Bin Jassim Al Thani

19 Floors; Offices; Height = 68.50m; Doha Qatar

Residential Tower for Mr. Ali Al Khayareen

43 Floors; Residential; Height = 170.15m; Doha Qatar

Residential Building for Mr. Fahad Buzwair

16 Floors; Residential; Height = 61.80

UNRWA Head Quarters Building – Beirut, Lebanon

Ministry of Telecommunication Office Building – Beirut, Lebanon

Rehabilitation Project, including all mechanical systems and HVAC.

Government Hospitals of Tripoli, Baalbeck, Shehar El-Gharbi and Dahr El-Bashek – Lebanon

Complete Rehabilitation and extension work for HVAC and sanitary works.

Chartoun Medical Centre – Chartoun, Lebanon

Specialists Medical Centre for outpatient Clients.

SADCO Headquarters Office Building - Beirut, Lebanon

Building and storage facilities for medical and pharmaceutical company.

School Projects Throughout Lebanon

Educational and institutional requirement of private and public schools of elementary and higher education including HVAC and sanitary services.

PATCHI Headquarters Office Building, Beirut, Lebanon

HVAC and sanitary services.

Low Cost Housing Project – Tripoli, Lebanon

Infrastructure sewage and water networks and pumping stations design and supervision including odor control system.

Infrastructures Projects, 16 Towns - Lebanon

Drainage, sewerage, water and treatment plants design and supervision.

Beirut Central District Projects– Lebanon

HVAC, drainage and plumbing services, design and supervision.

Coastal Highway 100 km long – Lebanon.

Water and drainage schemes detailed design and supervision.

Tobruk Refinery Optimization Study for AGOCO

Feasibility Study for Parts Production Factory for AGOCO

LNG Plant, Methanol Plant, Refinery and Desalination Plant of SIRTE OIL COMPANY (SOC)

Tobruk Refinery for AGOCO

Turnarounds operations of equipment improvement.

RAS LANUF OIL & GAS PROCESSING CO. INC. (RASCO) Coordination of joint operation.

5. COMPANY REGISTRATION DETAILS

5.0 Company Permit and Registration Details

Company Permit Number - 3915

2017/11/09 : تاريخ الطباعة:
No 1 of 1 : صفحة رقم:

Registration and Commercial Licenses Department

وزارة الاقتصاد والتجارة
Ministry of Economy and Commerce

إدارة التسجيل والتراخيص التجارية

رخصة تجارية

3915 : رقم الرخصة:
شركة ام زد أند بارتيز للاستشارات المعمارية والهندسية : الأسم التجاري:
شركة : نوع المنشأة التجارية:
السمة التجارية:

2015/04/16 : تاريخ اصدار الرخصة:
2018/12/10 : تاريخ انتهاء الرخصة:
46932 : رقم السجل التجاري:

بيانات المدير المسؤول :

اسم المدير المسئول: فوزي محمد اسماعيل
رقم الإثبات: 25542200006

بيانات الموقع :

تصنيف الموقع: مهني
نوع الموقع: مكتب هندسي
المنطقة: 23 لا يوجد
الشارع: قطري بن الفجاءة
رقم الشارع: 850

جنسية المدير المسئول: لبيان
نموذج ختم المنشأة التجارية :

عقار رقم: 50
رقم الدور/ الوحدة: حمد محمد حمد عبدالله المانع
اسم مالك العقار: نوع الرخصة :
وصف العنوان : بلدية الدوحة / فريج بن محمود

الأنشطة التجارية :

رقم النشاط	اسم النشاط	رقم النشاط	اسم النشاط
2001405	استشارات الهندسة الكهربائية والإلكترونية	2001398	استشارات الهندسة المعمارية
2001392	استشارات الهندسة المدنية	2001409	استشارات الهندسة الميكانيكية

دولة قطر
وزارة الاقتصاد والتجارة
إدارة التسجيل والتراخيص التجارية

مدير إدارة التسجيل والتراخيص التجارية

Company Registration Number - 46932



وزارة الاقتصاد والتجارة
Ministry of Economy and Commerce

Registration and Commercial
Licenses Department

مستخرج بعض بيانات السجل التجاري

إدارة التسجيل
والتراخيص التجارية

تاريخ الطباعة: 2018/08/09



46932	رقم التسجيل الضريبي: السمة التجارية:	46932	رقم السجل التجاري: الأسم التجاري:
24/08/2019	تاريخ انتهاء السجل:	شركة ام زد أند بارتنرز للاستشارات المعمارية والهندسية	تاريخ إنشاء السجل:
300000	راس المال:	شركة ذات مسئولية محدودة	الشكل القانوني:
قطر	جنسية المنشأة:	نشط	حالة السجل:
		0	عدد الفروع:
			صندوق البريد:
+974	أرقام الاتصال:		

معلومات الاتصال

الشركاء

الحالة	النسبة	الجنسية	رقم السجل	رقم الإثبات	الأسم
نشط	5.88	لبنان		25242200021	وارطان قره بت فوروجيان
نشط	37.24	لبنان		27142200154	نقولا عزيز جروج
نشط	51	قطر		26463401737	اسماء عبدالله عالى المسند
نشط	5.88	لبنان		25542200128	حسن عالى سلطان



Page 1 of 2
رقم السجل: 46932



تشهد غرفة تجارة و صناعة قطر بان المنشأة المذكورة اعلاه سجلت
Qatar Chamber certifies that the above mentioned establishment has been registered



وزارة الاقتصاد والتجارة
Ministry of Economy and Commerce

Registration and Commercial
Licenses Department

إدارة التسجيل
والتراخيص التجارية

مستخرج بعض بيانات السجل التجاري

المدراء (المخولون بالتوقيع)

الصفة (الصلاحيه)	الجنسية	رقم السجل	رقم الاثبات	الأسم
-	لبنان		25542200006	فوزي محمد اسماعيل
- مدير	لبنان		25242200021	وارطان قره بت قوزوجيان
صلاحيات كاملة ومطلقة - مدير	قطر		26463401737	اسماء عبدالله عالى المسند
- مدير	لبنان		27142200154	نقولا عزيز جروج

الأنشطة التجارية

إسم النشاط	الرقم
استشارات الهندسة الكهربائية والإلكترونية	2001405
استشارات الهندسة المدنية	2001392

إسم النشاط	الرقم
استشارات الهندسة المعمارية	2001398
استشارات الهندسة الميكانيكية	2001409



Page 2 of 2
رقم السجل : 46932



تشهد غرفة تجارة و صناعة قطر بان المنشأة المذكورة اعلاه سجلت لديها

Qatar Chamber certifies that the above mentioned establishment has been registered

6. PROFESSIONAL INDEMNITY INSURANCE

6.0 Professional Indemnity Insurance

Insurance Company	-	Qatar General Insurance and Reinsurance Co.
Policy Number	-	1/B04/2016/00104/0001
Limit of Liability	-	USD 10,000,000/-
Business Assured	-	Design and/ or Supervision for Architectural, Civil, Electrical, Mechanical Engineering Consultancy and Interior Works.
Period of Insurance	-	10 th December 2016 until 09 th December 2018

Note:

Our current Professional Indemnity Insurance for USD10,000,000/- covers all Design and Supervision Services undertaken by MZP. Hence, we shall not provide any project specific PII, if required.

QATAR GENERAL

INSURANCE & REINSURANCE CO. PJSC.
Licensed by the Qatar Central Bank
P.O. Box : 4500 Doha - Qatar Tel : 4428 2222-4470 3000
Fax : 4443 7302 Email : info@qgirc.com - www.qgirc.com



الشركة القطرية العامة

للتأمين وإعادة التأمين ش.م.ق.ع.
مرخصة من قبل مصرف قطر المركزي
ص.ب. ٤٥٠٠ - الدوحة - قطر تليفون ٤٤٢٨ ٢٢٢٢ - ٤٤٧٠ ٣٠٠٠
فاكس ٤٤٤٣ ٧٣٠٢ Email : info@qgirc.com - www.qgirc.com

THE SCHEDULE

POLICY NUMBER	:	1/B04/2016/00104
TYPE	:	Professional Indemnity Insurance
THE ASSURED	:	MZ & PARTNERS ARCHITECTURAL & ENGINEERING CONSULTANCY W.L.L.
ADDRESS OF THE ASSURED	:	P.O. Box No. 5785, Doha, State of Qatar.
BUSINESS OF THE ASSURED	:	Design and/or Supervision for Architectural, Civil, Electrical, Mechanical Engineering Consultancy and Interior Works.
TERRITORIAL SCOPE	:	Qatar & Morocco
PERIOD OF INSURANCE	:	From: 10.12.2016 To: 09.12.2018 (Both days inclusive, local standard time)
ORIGINAL LIMIT OF LIABILITY	:	USD. 10,000,000.00 (US Dollars Ten Million Only) any one claim and in the aggregate during the policy period, inclusive of costs and expenses
DEDUCTIBLE	:	USD. 50,000.00 (US Dollars Fifty Thousand only) each and Every loss inclusive of costs and expenses
ADDITIONAL COVER	:	Loss of Documents, subject to a Sub-Limit of USD. 1,000,000.00
INTEREST/COVER	:	To indemnify the Assured against their Legal Liability arising out of any negligent act, error or omission committed or alleged to have been committed by the Assured in the conduct and execution of their professional activities as Design and/or Supervision for Architectural, Civil, Electrical, Mechanical Engineering Consultancy and Interior Works.
CONDITIONS	:	As per Standard Professional Indemnity Policy Wording for Architectural / Civil Engineer as attached.
EXCLUSIONS	:	NMA 2919 War and Terrorism Exclusion Clause Toxic Moulds Exclusion Clause Total Asbestos/Asbestosis Exclusion Clause Political Risks of any kind



1

TRIGGER : Claims Made Basis.

RETROACTIVE DATE : As expiry Policy and below.

1. From 2nd May 2002 to 20th August 2002 for a limit of QRS 500,000.00 any one claim and in the aggregate.
2. From 21st August 2002 to 11th January 2004 for a limit of QRS 2,000,000.00 any one claim and in the aggregate.
3. From 12th January 2004 to 5th December 2005 for a limit of QRS 3,500,000.00 any one claim and in the aggregate.
4. From 6th December 2005 to 1st May 2007 for a limit of QRS 18,250,000.00 any one claim and in the aggregate.
5. From 2nd May 2007 to 30th April 2008 for a limit of QRS 25,200,000.00 any one claim and in the aggregate.
6. From 1st May 2008 to 30th April 2009 for a limit of QRS 25,200,000.00 any one claim and in the aggregate.
7. From 1st May 2009 to 30th April 2010 for a limit of QRS 25,200,000.00 any one claim and in the aggregate.
8. From 1st May 2010 to 30th April 2011 for a limit of QRS 25,200,000.00 any one claim and in the aggregate.
9. From 1st May, 2011 to 30th April 2012 for a limit of QRS 25,200,000.00 any one claim and in the aggregate.
10. From 1st May, 2012 to 30th April 2013 for a limit of QRS 25,200,000.00 any one claim and in the aggregate.
11. From 1st May 2013 To 9th December, 2016 for a limit of QAR 25,550,000.00 any one claim and in the aggregate

TERRITORIAL LIMIT : Qatar & Morocco

LAW & JURISDICTION : Qatar & Morocco

PREMIUM : As agreed

DATED: 08.12.2016

Signed and on behalf of
Qatar General Insurance & Reinsurance Co. (PJSC)

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QATAR GENERAL INSURANCE AND REINSURANCE CO. S.A.Q.

Professional Indemnity Policy (Architects and Civil Engineers)

I. Insuring Agreement

Subject to the terms, limits, exclusions and other conditions contained in this policy and schedule, and in consideration of the Insured having paid or agreed to pay the premium,

Qatar General Insurance and Reinsurance Co. (S.A.Q.) (hereafter called "the Insurer")

agrees to indemnify the Insured, but not exceeding the aggregate limit stated in the schedule

1. up to the limit of indemnity stated in the schedule for any sum or sums which the Insured may become legally liable to pay arising from any claim being first made in writing against him during the period stated in the schedule

for breach of duty of any profession as stated in the schedule, by reason of any negligent act, error or omission committed or alleged to have been committed during the policy period (and retroactive period, if any) and within the territory stated in the schedule, of

a) the Insured and, or

b) any person at that time employed by the Insured

in the conduct, by or on behalf of the Insured, of any business in the professional capacity as stated in the schedule;

2. the costs and expenses incurred with the Insurer's written prior consent in the defence and/or settlement of any claim. However, if a payment in excess of the limit of indemnity available under this insurance has to be made to dispose of a claim, the Insurer's liability in respect of such costs and expenses incurred shall be in the same proportion as the amount of the indemnity available under this insurance to the total amount paid to dispose of the claim.

II. Limits of Indemnity

1. Any one Claim

The liability of the Insurer for all compensation costs and expenses payable to any claimant or number of claimants in respect of any one occurrence shall not exceed the sum stated in the schedule as the limit of indemnity for any one claim.



QATAR GENERAL INSURANCE AND REINSURANCE CO. S.A.Q.



Claims Series Event

A claims series event as defined below shall be deemed to be one claim and the date of loss shall be the date when the first claim of the claims series event is made in writing against the Insured.

A claims series event shall be defined as follows:

- several equal or similar acts omitted or committed attributable to one and the same fault, negligent act, error or omission in design and/or supervision, resulting in damages to one or more buildings or constructions, irrespective of whether this building or construction forms a part of one and the same building project or construction project; and/or
- more than one act omitted or committed resulting in the same loss; and/or
- a claim made against the Insured and any additional Insured.

2. Aggregate Limit

The liability of the Insurer for all compensation costs and expenses payable in respect of all claims made during any one policy period shall not exceed the aggregate limit as stated in the schedule.

III. Insured's Deductible

Provided always that the Insurer is liable, in respect of each and every claim hereunder, only for that part of the claim (which for the purpose of this clause shall be deemed to include all costs and expenses incurred by the Insurer investigating and defending the claim) which exceeds the Insureds' deductible stated in the schedule; it being understood and agreed that if any expenditure is incurred by the Insurer which, by virtue of this clause, is the responsibility of the Insured, then such amount shall be forthwith reimbursed to the Insurer by the Insured on demand.

IV. Exclusions

This policy shall not cover any claim or claims arising out of:

1. any negligent act, error or omission in connection with services or activities going beyond the scope of professional services typically performed as an architect and/or consulting engineer under domestic legislation, ethical codes and rules;
2. the manufacture, construction, alteration, repair, servicing or processing of any goods or products sold, supplied or distributed by the Insured or out of any business or occupation other than that stated in the schedule, even though the same may be carried on by the Insured in conjunction with his business as stated in the schedule;
3. any contract where the Insured acts as a contractor, manufacturer or supplier, whether in conjunction with his profession as stated in the schedule or not;
4. any financial loss not connected to any property damage or bodily injury (pure financial loss);

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QATAR GENERAL INSURANCE AND REINSURANCE CO. S.A.Q.



however, impairment of, defect in or damage to the designed object itself due to faulty design (or lack of or insufficient supervision of construction) are considered property damage;

notwithstanding the foregoing no coverage shall exist as respects any consequential financial loss, which exceeds the costs for the mere repair of the particular object to make it fit for the intended purpose;

5. any neglect, error or omission by the Insured in effecting or maintaining insurance or in providing finance or advice on financial matters;
6. financial loss resulting from exceeding cost estimates and time limits;
7. claims in respect of financial loss resulting from loss of use, loss of profit, lack of performance as to the quality and quantity of products or the productivity or efficacy of any plant or equipment;
8. the costs of revising or redesigning drawings, plans, specifications or schedules of specifications as a consequence of a claim indemnifiable hereunder;

this exclusion, however, does not apply to such costs claimed by a customer;

9. infringement of patents, copyrights, trade names, trade marks or registered design or the allocation of licenses;
10. loss of documents (of any nature whatsoever) whether written, printed or reproduced by any other method, or any computer-based or electronically stored information or material property which has been lost, mislaid or destroyed while entrusted to, or in the care, custody or control of the Insured;
11. libel or slander;
12. failure to account money;
13. liability assumed by the Insured by contract or any other agreement or any express warranty or guarantee given by the Insured which increases the Insured's legal liability;

this exclusion shall, however, not apply to liability which would have attached to the Insured in the absence of such contract, agreement, warranty or guarantee;

14. any claim made against the Insured as the result of any intentional, dishonest, malicious, criminal or illegal act on the part of the Insured or his employees;
15. bodily injury sustained by any person arising out of and in the course of his employment by the Insured under a contract of service or apprenticeship with the Insured;



16. the ownership, use, occupation or lease of property, mobile or immobile, including waterborne vessel or craft or aircraft or motor vehicle, by, to, or on behalf of, the Insured;
17. any liability of whatsoever nature, directly or indirectly caused or contributed to by, or arising from, pollution of air, water or soil;
18. loss or destruction of, or damage to any property whatsoever, or any loss or expense whatsoever resulting or arising therefrom, or any consequential loss, or any legal liability of whatsoever nature, directly or indirectly caused by, or contributed to by, or arising from
 - ionizing radiations or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel,
 - the radiocative, toxic, explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof;
19. liability resulting from asbestosis or any related disease (including cancer) resulting from the existence, production, handling, processing, manufacture, sale, distribution, storage, deposit or use of asbestos, asbestos products and/or products containing asbestos;
20. any consequence of war, invasion, act of foreign enemy, hostilities (whether war be declared or not), civil war, terrorism, rebellion, revolution, insurrection or military or usurped power;
21. liability due to force majeure (for example, but not limited to, earthquake and flood);
22. claims filed by the Insured under this policy against each other or filed by a party
 - which is directly or indirectly owned, controlled, operated or managed by an Insured,
 - in which any Insured is a partner, consultant or employee;
23. fines, penalties, punitive or exemplary damages or any other damages resulting from the multiplication of compensatory damages.



V. Conditions

This policy, any endorsement hereon and the schedule shall be read together as one contract and any word or expression to which a specific meaning has been attached in any part of this policy or of the schedule shall bear such specific meaning wherever it may appear.

1. In the event of any incident, circumstance which may give rise to a claim for indemnity under this policy, the Insured shall give immediate notice in writing to the Insurer. Such notice having been given not later than 30 days after the expiration of the policy period, any claim to which that circumstance has given rise, which may be made within 36 months after the expiration of the period specified in the schedule, shall be deemed for the purpose of this policy to have been made during the existence hereof.
2. The Insured shall not admit liability or settle or make or promise any payment in respect of any claim which may be the subject of indemnity hereunder, or incur any costs or expenses in connection therewith, without the written consent of the Insurer, which shall be entitled to take over and conduct in the name of the Insured the defence and/or settlement of any such claim, for which purpose the Insured shall give all the information and assistance that the Insurer may reasonably require.

The Insurer will not settle any claim without the consent of the Insured. If, however, the Insured refuses to consent to any settlement recommended by the Insurer and shall elect to contest or continue any legal proceedings, then the liability of the Insurer shall not exceed the amount for which the claim could have been so settled, plus the costs and expenses incurred with their consent up to the date of such refusal.

3. Where a retroactive date is specified in the schedule, this insurance does not apply to claims made against the Insured by reason of any negligent act, error or omission which occurred or was committed, or is alleged to have occurred or committed prior to the said retroactive date.
4. The Insured shall at all times
 - a) maintain accurate descriptive records of all professional services which records shall be available for inspection and use by the Insurer or their duly appointed representatives insofar as they pertain to any claim hereunder,
 - b) give to the Insurer or their duly appointed representatives such information, assistance and signed statements as the Insurer may require, and
 - c) assist in the defence of any claim without charge to the Insurer;
5. In the event of any dispute arising between the Insured and the Insurer, this insurance shall be governed by the law of the country specified in the schedule, whose courts only shall have jurisdiction in any dispute arising hereunder.

5



QATAR GENERAL INSURANCE AND REINSURANCE CO. S.A.Q.



6. It is hereby agreed that if any payment is made under this insurance in respect of a claim, the Insurer is thereupon subrogated to all the Insured's rights of recovery in relation thereto.
7. If the Insured makes any claim knowing the same to be fraudulent or false, as regards amount or otherwise, this insurance shall become void and all claims thereunder shall be forfeited.
8. This insurance shall not be called upon in contribution and shall only pay such loss if and so far as it is not recoverable under any other insurance.
9. The indemnity provided by this policy is restricted to apply in respect of
 - a) compensation resulting from judgement rendered by or obtained from a court of competent jurisdiction in the territory stated in the schedule
 - b) charges, expenses and legal costs incurred and recoverable in the territory stated in the schedule.
10. In the absence of a local, legal regulation regarding cancellation, this insurance may be cancelled by the Insured at any time by giving written notice to the Insurer. This insurance may also be cancelled by or on behalf of the Insurer by registered, certified or other first class mail, to the Insured's address as shown in the schedule containing written notice about when, not less than 30 days thereafter, the cancellation shall be effective. The mailing of such notice as aforesaid shall be sufficient proof of notice and this insurance shall terminate at the date and hour specified in such notice.
11. If this insurance is cancelled by the Insured, the Insurer shall refund the customary short rate proportion of the premium hereon.

If this insurance is cancelled by, or on behalf of, the Insurer for any reason other than non-payment of the premium or any breach of contract by the Insured, the Insurer shall refund the pro rata proportion of the premium hereon.
12. Payment or tender of any unearned premium by the Insurer shall not be a precondition for the validity of cancellation, but such payment shall be made as soon as practicable.
13. If the period of limitation relating to the giving of notice is prohibited or made void by any law controlling the construction thereof, such period shall be deemed to be amended so as to be equal to the minimum period of limitation permitted by such law.

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QATAR GENERAL INSURANCE AND REINSURANCE CO. S.A.Q.



LOSS OF DOCUMENTS

It is hereby agreed that if during the Policy period specified in the Schedule the Insured shall discover that any document (as hereafter defined) belonging to a third party and under the care, custody or control of the Insured in the ordinary course of his business has been destroyed, damaged, mislaid or lost and after diligent search cannot be found, the Insurer will indemnify the Insured against.

- his legal liability to any third party in consequence of such document having been destroyed, damaged, mislaid or lost.
- Cost of materials, clerical labour and computer time necessarily expended in reproducing computer system's records or reconstituting the information contained in such computer system's records or in replacing or restoring other such documents.

Definition:

In this extension, "Documents" means deeds, wills, agreements, maps, plans, records, books, letters, certificates, forms, computer system's records and documents of any nature whatsoever, whether written, printed or reproduced by any other method (other than bearer bonds coupons, bank notes, currency notes and negotiable instruments).

Exclusions:

This Endorsement shall not Indemnify the Insured against any liability, costs or expenses:

1. For which the Insured is entitled to an Indemnity under this policy apart from this extension.
2. Resulting from wear, tear, vermin or gradual deterioration, caused by climatic or atmospheric conditions or extremes of temperature.
3. The Presence of magnetic flux, or dues to loss of magnetism.

Conditions:

1. The Limit of Indemnity under this policy shall not be increased by reason of this Endorsement.
2. Any claim for costs and expenses incurred by the Insured in replacing or restoring documents shall be supported by bills or accounts which shall be subject to approval by a competent person to be nominated by the Insurer with the approval of the Insured.

All other terms, conditions and exclusions of the Policy remain unchanged.

Limit: USD 1,000,000/- any one occurrence and in the aggregate.



QATAR GENERAL INSURANCE AND REINSURANCE CO. S.A.Q.



POLITICAL RISK EXCLUSION CLAUSE

This Policy does not insure loss or damage caused by or resulting from:

Confiscation, expropriation, nationalization, commandeering, requisition or destruction of or damage to property by order of the Government de jure or de facto or any public, municipal or local authority of the country or area in which the property is situated; seizure or destruction under quarantine or customs regulation.



QATAR GENERAL INSURANCE AND REINSURANCE CO. S.A.Q.

DAC ASBESTOS EXCLUSION 2003 (INTERNATIONAL)

It is agreed that this Policy shall not apply to liability for any claim arising in connection with handling removal stripping out demolition storage transportation or disposal of asbestos and/or any other substance or compound that incorporates asbestos.

It is agreed that this Policy shall not apply to:

- a) Liability directly or indirectly caused by or alleged to be caused by or contributed to in whole or in part by or arising from the inhalation and/or ingestion of or the existence of or exposure to asbestos and/or any other substance or compound that incorporates asbestos.
- b) Liability which is a result of the removal from any building and/or structure of asbestos and/or any other substance or compound that incorporates asbestos as a consequence of an actual or alleged health hazard situation.
- c) Any obligation to defend any claim or suit against the Assured alleging liability resulting from (a) or (b) above nor to Underwriters liabilities for Defense Costs arising there from.



QATAR GENERAL INSURANCE AND REINSURANCE CO. S.A.Q.

MOULD AND FUNGI EXCLUSION ENDORSEMENT (AGM)

This Policy does not insured any loss, damage, cost, claim or expense of whatsoever nature directly or indirectly caused by, resulting from or in any way involving mold, mildew, fungi spores, or any similar organisms. This Exclusion shall apply regardless of any other cause or event that contributes concurrently or in sequence to the loss, damage, cost, claim, or expenses.



QATAR GENERAL INSURANCE AND REINSURANCE CO. S.A.Q.

WAR, SABOTAGE, TERRORISM, STRIKES, RIOTS AND CIVIL COMMOTIONS EXCLUSION CLAUSE

Attaching to and forming part of Policy No. **1/B04/2016/00104** and supersedes clause(s) under the General Exclusions:

This Policy does not cover any loss or damage directly or indirectly occasioned by, happening through or in consequence of:

- a) War, Invasion, Act of Foreign Enemy, Hostilities or War-like operations (whether war be declared or not), civil war, mutiny, riot, strike, lock-out, civil commotion, popular rising, military rising, insurrection, rebellion, revolution, military or usurped power, martial law or loot, sack or pillage in connection therewith, conspiracy, confiscation, commandeering or nationalization or requisition or destruction of or damage to property by or under the order of any de jure or de facto government or by any public or local authority or any act or condition incident to any of the above.
- b) Any act of Sabotage/Terrorism committed by any person or persons acting on behalf of or in connection with any organization.

For the purpose of this Insurance "Terrorism" means the use of violence for political ends and includes any use of violence for the purpose of putting the public or any section of the public in fear.

In any action, suit or other proceeding, where the Insurers allege that by reason of the provisions of this exclusion any loss or damage is not covered by this Insurance, the burden of proving that such loss or damage is covered shall be upon the insured.



QATAR GENERAL INSURANCE AND REINSURANCE CO. S.A.Q.

7. URBAN PLANNING & DEVELOPMENT AUTHORITY PROFESSIONAL ENGINEERS COMMITTEE – GRADE A LICENSE

7.0 Urban Planning & Development Authority, Professional Engineers Committee Grade A License

Date of Issue: 07/01/2007

Expiry Date: 11/12/2018



لجنة قبول وتصنيف المهندسين ومكاتب الاستشارات الهندسية

وزارة البلدية والتخطيط العمراني

رقم قيد الشركة : ٤٢/م

تاريخ القيد : ٢٠٠٧/٠١/٠٧ م

شهادة قيد في سجل مكاتب الاستشارات الهندسية المحلية

يرخص للسادة : ام زد اند بارتنرز للاستشارات المعمارية
والهندسية : بالفضة : الاولى

بمزاولة مهنة الهندسة بالتخصصات التالية :
هندسة معمارية / هندسة كهربائية
هندسة مدنية / هندسة ميكانيكية

سارية حتى تاريخ : ٢٠١٨/١٢/١١ م

يعتمد
م / خالد عبد الرحمن آل سعد
رئيس اللجنة

صدرت في : ٢٠١٧/٠٨/١٢ م

ملاحظة : استغناء لشهادة رقم (١١) من القانون رقم (٢٠٠٧) بعد تصديق عقد جلال (٢٠١٣) من القانون رقم (٢٠٠٧) على طر حرم القيد طبق الامر من المجلس
تعتبر هذه الشهادة ترخيصاً وفق احكام القانون رقم (١٩) لسنة ٢٠٠٥ بتنظيم مزاولة المهن الهندسية

8. LIST OF SOFTWARE AND PROGRAMS

8.0 List of Software

➤ Concept Design

- AutoCAD 2015
- 3D Max 9 2015
- Adobe Photoshop C5
- Adobe Acrobat 9 / 10
- MS Project
- Primavera 6
- Office 365

➤ Architectural Design

- AutoCAD 2015
- Adobe Photoshop C5
- Sketch Up 2015

➤ Structural Design

- Staad Pro
- Autodesk Robot 2015
- Etabs 2016
- PCA Columns
- Revit
- Adapt
- Tekla X-Steel 2016
- Safe 2016
- Prockon
- AutoCAD 2015
- RAM Concept
- Idea Statica

➤ Facades and Curtain Walls

- Structural software is used in facades structural design in addition to the manual calculations as per codes of practice.

➤ **Electrical Design:**

- AutoCAD – CAD drafting
- Autodesk Revit MEP
- Ecodial – Low-voltage electrical installation design software
- DOC - Low-voltage electrical installation design software
- Procera Plus – Design Software for low voltage installation
- Dialux – lighting software
- Celenlux - lighting software
- On Street - street lighting software
- Cummins Power suite – Generator sizing and selection
- Mathlab 7 – Mathematic modeling and calculation
- MS Project – Project Planner and schedules
- MS Office Suites – Excel, Access, etc...

➤ **HVAC Design:**

- Carrier E2O
- Hap 40
- Block load
- Taco system analysis
- Taco HVAC solution (HSS 3.2)
- Duct Calculation (duct estimation)
- Duct Tolator (electronic)
- Petra HD Psychart
- Psychrometric Analyzer 6.8 (Mc uay)
- Duct sizer 6.4 (Mc Quay)
- Pump sizer (TACO)
- ASHRAE Handbook (HVAC 1995, System 1996, Fundamentals 1997, Refrigerator 1998)
- NFPA 2002
- SPC 200 – Fresh air handling units (SPC)
- Dehumidification Heat Pipe (SPC)
- Heat recovery heat wheel (SPC)
- Chiller Selection/AHU/FCU
 - Cooline
 - YMS selection (York)
- Expansion tank, Flamco
- Exhaust fans, Nvrie International, WIH selection, Flack Woods, Novovent, Blowdyn 6.0
- Tour and Anderson – Hydraulic piping

➤ **Fire Fighting Design:**

- Elite – Pump size
- Pyrosim

➤ **Drainage Design:**

- Hydrain

➤ **Noise Analysis:**

- Noise Calc

➤ **Landscaping:**

- RainCAD 5
- Water CAD
- Landarch
- Auto CAD 2015
- 3D Max

9. TYPES OF PROJECTS

9.0 Project Types

1. Master Planning
2. Infrastructure Works
3. Towers
4. Commercial Buildings
5. Residential Buildings
6. Villa Compounds
7. Hotels
8. Interior Design
9. Landscaping and Irrigation Design
10. Project Management
11. Project Supervision
12. Educational Facilities
13. Medical Facilities
14. Sports Facilities
15. Value Engineering and Third Party Certification
16. Shop and Fabrication Drawings including Bar Bending Schedules
Structural Steel Fabrication Drawing, Architectural and MEP.
17. Curtain Wall and Façades
18. Roads and Pavements
19. Light Industrial Buildings
20. Petrochemical Buildings and Facilities (Excluding Process)
21. Specialist Services
 - Acoustic Reports
 - Facades
 - Structural Glazing
 - Soil Slope Stability Studies
 - Post Tensioned Concrete
 - Carbon Fiber Reinforcement
 - Pipe Stress Analyses and Pipe Supports
 - Structural Forensic Investigations
 - Blast Resisting Structural Design
 - Shoring for Deep Excavations
 - Soil Improvement & Soil Stability
 - Marine and Coastal Structures
 - Assessment of Fire Rated Structures
 - Structural Steel and Reinforced and Prestressed Bridge

10. COMPLETED AND ON GOING PROJECTS LIST

10.0 Projects Completed / In progress

- 10.1 Master Planning
- 10.2 Infrastructure Design
- 10.3 Towers
- 10.4 Commercial Buildings
- 10.5 Residential Buildings
- 10.6 Petrochemical Facilities and Buildings
- 10.7 Airports
- 10.8 Specialist Civil and Structural Project Services
- 10.9 Villa Compounds
- 10.10 Project Management and Site Supervision
- 10.11 Industrial and Environmental Projects
- 10.12 Design and Build Projects
- 10.13 Glass (Façade/ Skylights/ Balustrade/ Canopy/ Structural Glazing)
- 10.14 Stone/ GRP/ Aluminum Cladding/ Precast Concrete
- 10.15 Fire Assessment Projects
- 10.16 Healthcare Facilities
- 10.17 Sports Facilities
- 10.18 Educational Facilities

DESIGN SERVICES - RECENT AND ONGOING MAJOR PROJECTS

S/N	Client	Location	Project	Scope of Works
1	Al Mana Real Estate Holding	Ras Abou Aboud	Residential and Commercial Building 3B+G+M+7 Floors	Design Services
2	Birla Public School W.L.L.	Al Wukair	Birla Public School	Design Services
3	Generic Engineering Technologies	Sailiyah	Design and Build of New Camp at Tariq Bin Ziyad	Design Services
4	QD-SBG Construction	Duhail	Development of ISF Camp	Design Services
5	SAK Holding Group	Al Wakra	Al Wakra Compound	Design Services
6	Al Bandary Engineering	Al Shamal	Construction of North Camp	Design Services
7	Al Bandary Engineering	Al Udeid	Design and Build of Al Zaeem Air Academy – Zone B	Design Services
8	SAK Holding Group	Lusail City	Ezdan Central Park (63 Residential Buildings and 17nos Ancilliary Buildings)	Design Services
9	Khayyat Contracting & Trading	The Pearl	Panorama Residence and Suites Abraj Quartier Tower AQ-07 and Townhouses	Design Services
10	Private Client	The Pearl	Residential Building Plot LPS 2 – South Plage 2B+G+6 Floors	Design Services
11	United Construction Establishment	The Pearl	04 Mall Plot LPS 062	Preparation of Structural and MEP Shop Drawings
12	United Construction Establishment	The Pearl	Apartment Building Plot LPS 4 3B+G+7 Floors	Preparation of Structural and MEP Shop Drawings

DESIGN SERVICES - RECENT AND ONGOING MAJOR PROJECTS

S/N	Client	Location	Project	Scope of Works
13	Private Client	The Pearl	Residential Building Plot LPS 6 – South Plage 2B+G+5 Floors	Design and Supervision Services
14	Private Client	The Pearl	Residential Building Plot LPS 5 – South Plage 2B+G+8 Floors	Design and Supervision Services
15	Al Bandy Real Estate	The Pearl	Residential Building Plot LPS 1A – South Plage 2B+G+5 Floors	Design and Supervision Services
16	Al Bandy Engineering	Al Mazrouaha	National Service Academy Training Camp	Structural Design Services
17	H.E. Sheikh Hamad Bin Jassim Al Thani	The Pearl	Infrastructure Works & Concept Design of Buildings and Villas for the Development of La Plage South	Design and Supervision Services
18	General Real Estate Company	Lusail City	Residential Tower Plot Res 27	Structural Design Services
19	51 East/ Darwish Holding	Dafna	Al Darwish Residential Tower	Value Engineering Redesign Services
20	Al Bandy Real Estate	Corniche	Hotel & Residential Tower (Al Shahad Tower) 5B+G+38 Floors	Design and Supervision Services
21	Al Bandy Real Estate	Corniche	Almana Commercial & Residential Tower 6B+G+56 Floors	Preparation of Architectural and Structural Shop Drawings
22	Advance Engineering & Maintenance Co.	Corniche	Almana Commercial & Residential Tower 6B+G+56 Floors	Preparation of MEP Shop Drawings
23	Energy City Qatar	Salwa Road	Commercial Building B+G+2 Floors	Design Services
24	SAK Holding Qatar	Corniche	Aldulwahab Residential Tower	Design Modification Services

DESIGN SERVICES - RECENT AND ONGOING MAJOR PROJECTS

S/N	Client	Location	Project	Scope of Works
25	Milaha Capital	Corniche	Milaha Tower (4B+G+50 Residential)	Design and Supervision Services
26	Artline R+M Associates	Ain Khaled	Al Maha Academy Expansion	Design Services
27	Al Mana Real Estate	Lusail City	Entertainment City S1 & S2	Design Services
28	Al Mana Real Estate	D Ring Road	Almana Office Building B+G+2 Floors	Design Services
29	Al Mana Real Estate	Salwa Road	Almana Headquarters Building G+M+1	Design Services
30	Mr. Youssef Al Jaber	Suhaim Bin Hamad St.	Office Building 3B+G+20 Floors	Design and Supervision Services
31	Ezdan Holding Group	Al Shamal Road	Ezdan Palace Hotel	Architectural, MEP, Interior Design, Façade Elevation Enhancement and Supervision Consultancy Services
32	Milaha Capital	Wakra	Development of Multi-Purpose Properties – Al Wakra Plot	Design and Supervision Services
33	Milaha Capital	Qutaiifiya	Development of Multi-Purpose Properties – Al Qutaiifiya Lagoon Plot	Design and Supervision Services
34	Milaha Capital	Najma	Development of Multi-Purpose Properties – Al Najma Plot	Design and Supervision Services
35	Al Ottorya Real Estate & Investment Company	Lusail City	Al Majid Tower Marina Res 23 2B+G+24 Floors	Design and Supervision Services

DESIGN SERVICES - RECENT AND ONGOING MAJOR PROJECTS

S/N	Client	Location	Project	Scope of Works
36	Domopan	Qatar	Design and Build of KMW-Qatar Training Centre	Design Services
37	Qatar General Insurance & Re-Insurance Company	Lusail City	22 Plots Foxhills (Residential / Hotel / Commercial Buildings)	Design Services
38	Mozoon Real Estate	West Bay	5B+G+25 Oberoi Hotel & Serviced Apartments 5B+G+32 Renaissance & Courtyard Hotel 5B+G+36 Mozoon Apartments 5B+G+45 Marriott Executive Apartments & Residence Inn Apartments	Design Services
39	Construction and Re-Construction Co.	The Pearl	Viva Bahriya Towers VB06, VB07 & VB19	Design Service
40	Al Bandy Real Estate Company	Dafna	Hotel Tower 3B+G+30 Floors	Interior Design Services
41	Ibrahim Al Misnad	Dafna	White Square Apartment Building 2B+G+M+24 Floors	Interior Design Services
42	Mohamad Hamad Al Mana	Corniche	Almana Office and Residential Tower 6B+G+56 Floors	Interior Design Services

10.1 MASTER PLANNING WORKS

Project Ref	Project	Client	Location	Plot Area	Component	Scope of Works
AR-220	Master Planning works of Energy City-Qatar for M/s Energy City -Qatar	ECQ	Lusail	72Ha	93 Office Buildings, ECQ Headquarters and Mosque	Data Analysis, feasibility studies, topographical survey, traffic impact study, Geo Technical Investigation, Physical Planning, Development of Design Concept including zoning, defining building parameters, Infrastructure demand review and Landscaping Themes.
AR-292	Master Planning works of Royal Resort, Cap Malabata for M/s Royal Resorts Malabata Tangier S.A	Private	Morocco	127Ha	4,257 dwelling units, golf course, hotels for 2000 people	Data Analysis, feasibility studies, topographical survey, traffic impact study, Geo Technical Investigation, Physical Planning, Development of Design Concept including zoning, defining building parameters, Infrastructure demand review and Landscaping Themes.
AR-295	Master Planning works of Royal Ranches, Marrakech for M/s Royal Ranches Marrakech S.A	Private	Morocco	380Ha	6,752 dwelling units, golf course, hotels for 200 people, 25,000 sqm. commercial area, equestrian club and children's park	Data Analysis, feasibility studies, topographical survey, traffic impact study, Geo Technical Investigation, Physical Planning, Development of Design Concept including zoning, defining building parameters, Infrastructure demand review and Landscaping Themes.

10.2 INFRASTRUCTURE WORKS

Proj. Ref	Project	Client	Location	Plot Area	Components	Scope of Works
AR-220	Infrastructure Design works of Energy City - Qatar	ECQ	Lusail	72Ha	93 Office Buildings, ECQ Head Quarters and Mosque	Data collection, topographical survey, Environmental reconnaissance study, Geotechnical investigation, design of pavement, sanitary sewage, drainage, potable water network, irrigation network, electrical power distribution, street lighting, telephone network, roads, traffic signage and utilities.
AR-292	Infrastructure Design works of Royal Resort, Cap Malabata for M/s Royal Resort Malabata Tangier S.A	Private	Morocco	127Ha	4,257 dwelling units, golf course, hotels for 2000 people	Data collection, topographical survey, Environmental reconnaissance study, Geotechnical investigation, design of pavement, sanitary sewage, drainage, potable water network, irrigation network, electrical power distribution, street lighting, telephone network, roads, traffic signage and utilities.
AR-295	Infrastructure Design Works of Royal Ranches, Marrakech for M/s Royal Ranches Marrakech S.A	Private	Morocco	380Ha	6,752 dwelling units, golf course, hotels for 2000 people	Data collection, topographical survey, Environmental reconnaissance study, Geotechnical investigation, design of pavement, sanitary sewage, drainage, potable water network, irrigation network, electrical power distribution, street lighting, telephone network, roads, traffic signage and utilities.

10.2 INFRASTRUCTURE WORKS

Project Ref	Project	Client	Location	Plot Area	Components	Scope of Works
AR-217	Sports Club (Stadium)	Sports Club	Qatar	57Ha	10,296 seats and Training Field	Data collection, topographical survey, environmental reconnaissance study, Geotechnical investigation, design of pavement, sanitary sewage, drainage, potable water network, irrigation network, electrical power distribution, street lighting, telephone network, roads, traffic signage and utilities.
AR-424	Barwa Infrastructure Works	Shapoorji Pallonji	Qatar	24Ha	East Zone, West Zone, North East Zone, North West Zone, South East Zone, South West Zone	Data collection, topographical survey, environmental reconnaissance study, Geotechnical investigation, softscaping, hardscaping, sewage, drainage, Water Supply Network, Irrigation Network, Storm Water System, Gas Network, Chilled Water System, Fire Hydrance System, External Lighting, Electrical Power Distribution, Electrical Low Voltage Distribution, Telephone Network, Roads, Traffic Signage, Way Finding and Garbage Collection.

10.3 TOWERS – COMMERCIAL, RESIDENTIAL, HOTEL & FURNISHED APARTMENTS

Project Ref	Project	Built-up Area / Sqm	Scope of Work	Location
AR-014	B2+B1+G+27 Al Dana Tower (Office)	42563	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-078	B2+B1+G+25 Office Tower (Office)	32531	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-089	2B+G+25 Regency Tower (Residential)	42822	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-095	B2+B1+31 Residential Tower	59614	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-099	B2+B1+G+25 Lotus Tower (Office)	35290	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-112	4 nos. Residential Towers	325002	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-113	B2+B1+G+57 Palm Twin Tower (Office)	253944	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-120	B2+B1+G+25 Office Tower	36120	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-122	B3+B2+B1+G+M+15 Commercial Tower	24275	Concept, Preliminary, Detailed Design and Tender Documents	Al Salata
AR-123	B1+G+15 Commercial Tower	25342	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-126	West Bay 44 Residential Tower	60797	Concept, Preliminary, Detailed Design and Tender Documents	Dafna

10.3 TOWERS – COMMERCIAL, RESIDENTIAL, HOTEL & FURNISHED APARTMENTS

Project Ref	Project	Built-up Area / Sqm	Scope of Work	Location
AR-132	2B+G+44 Hotel Tower	48445	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-136	B1+G+25 Residential Tower	43683	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-142	B1+G+25 Residential Tower	46630	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-150	B2+B1+G+16 The Gate (Commercial + Residential)	144416	Concept Design	Dafna
AR-153	B2+B1+G+36 Office Tower	41571	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-156	255+5+37 West bay Lagoon Plaza (Twin Residential Towers and Mall)	275949	Concept, Preliminary, Detailed Design and Tender Documents	West Bay Lagoon
AR-157	3B+G+36 Ring Tower (Office)	41598	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-164	2B+G+42 Samarya Twin Tower (Commercial)	106865	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-171	B+G+53 Navigation Tower (Office)	121362	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-177	'W Hotel'	73735	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-212	2B+G+54 Fahed El Khater Hotel Apart.	86294	Concept, Preliminary, Detailed Design and Tender Documents	Dafna

10.3 TOWERS – COMMERCIAL, RESIDENTIAL, HOTEL & FURNISHED APARTMENTS

Project Ref	Project	Built-up Area / Sqm	Scope of Work	Location
AR-219	2B+G+35 Union Tower (Office)	50745	Concept, Preliminary, Detailed Design and Tender Documents	Dafna
AR-347	3B+G+26-4 Tower (Office)	122488	Concept, Preliminary, Detailed Design and Tender Documents	Lusail City
AR-423	Al Bustan Complex (Hotel, 7nos. Residential Blocks and 2nos. Offices)	-	Design Consultancy Services	C Ring Road
AR-407	5B+G+M+29 New Kahramaa Tower	-	Concept, Preliminary, Detailed Design and Tender Documents	Lusail City
GP 15044	3B+G+1+21 Hotel Tower (Le Meridien)	-	Design Consultancy Services	West Bay
GP 12228	3B+G+M+43 Brooq Tower	-	Design Consultancy Services	West Bay
GP 12214	3B+G+36 Hotel Tower	-	Design Consultancy Services	Corniche
GP 11297	2B+G+56 BTC – JW Marriott Hotel Tower	-	Design Consultancy Services	West Bay
GP 15155	4B+G+20 Jumaana 2 Residential Tower	-	Design Consultancy Services	Porto Arabia, The Pearl
GP 15041	3B+G+M+3 Beema Office Building ECQ Plot E01	-	Design Consultancy Services	Lusail City

**10.3 TOWERS –
COMMERCIAL, RESIDENTIAL, HOTEL & FURNISHED APARTMENTS**

Project Ref	Project	Built-up Area / Sqm	Scope of Work	Location
GP 15041	3B+G+M+3 Beema Office Building ECQ Plot E01	-	Design Consultancy Services	Lusail City
GP 13070	Panorama Residence and Suites	-	Structural and MEP Design Service	The Pearl
	2B+G+M+24 White Square	-	Design Consultancy Services	Dafna
	World Trade Centre	-	Design Consultancy Services	West Bay

10.4 COMMERCIAL BUILDINGS

Project Ref	Project	Built-up Area / Sqm	Scope of Work	Location
AR-001	Commercial Building (Commercial & Residential Building)	18996	Concept, Preliminary, Detailed Design and Tender Documents	Bin Omran
AR-008	Tadmur Headquarter Building	7408	Concept, Preliminary, Detailed Design and Tender Documents	West Bay
AR-033	Office Building	13865	Concept, Preliminary, Detailed Design and Tender Documents	Al Sadd
AR-064	Al Jazeera Headquarters Building	21320	Concept, Preliminary, Detailed Design and Tender Documents	Al Sadd
AR-085	G+6 Building at Al Sadd	18886	Concept, Preliminary, Detailed Design and Tender Documents	West Bay
AR-125	G+7 Building	7516	Concept, Preliminary, Detailed Design and Tender Documents	Airport Road
AR-129	G+14 Building	19387	Concept, Preliminary, Detailed Design and Tender Documents	Salata
AR-133	G+M+10 Residential Building	30227	Concept, Preliminary, Detailed Design and Tender Documents	New Doha
AR-140	QNB - Branches & ATM	-	Concept, Preliminary, Detailed Design and Tender Documents	Various Locations
AR-180	G+7 Building	15916	Concept, Preliminary, Detailed Design and Tender Documents	Al Sadd
AR-187	Gulf United Headquarters Building	8099	Concept, Preliminary, Detailed Design and Tender Documents	Old Airport

10.4 COMMERCIAL BUILDINGS

Project Ref	Project	Built-up Area / Sqm	Scope of Work	Location
AR-213	G+3 Office Building	4674	Concept, Preliminary, Detailed Design and Tender Documents	C Ring Road
AR-220	2B+G+M+3 Headquarters Building	31017	Concept, Preliminary, Detailed Design and Tender Documents	Lusail
AR-305	Al Khaleej Development (Residential & Commercial Complex)	153664	Concept, Preliminary, Detailed Design and Tender Documents	Bin Mahmoud
AR-372	Al Aqariya Office Building	134261	Concept, Preliminary, Detailed Design and Tender Documents	Lusail
AR-373	Olayan Office Building	72239	Concept, Preliminary, Detailed Design and Tender Documents	Lusail
AR-387	Jaidah Headquarter	71686	Concept, Preliminary, Detailed Design and Tender Documents	Umm Guwalina
AR 424	Barwa City, Phase 1, Package 3	-	Structural Shop Drawings Review and Approval	Barwa
AR 426	Doha Port Container Terminal	-	Design Consultancy Services	Doha Port
AR-427	(G+2) Office Building	-	Concept, Preliminary, Detailed Design and Tender Documents	C Ring Road
AR-075	Lexus Showroom	-	Design Consultancy Services	C Ring Road
AR171	Qatar Gas Headquarters Office	-	MEP Design	Doha

10.4 COMMERCIAL BUILDINGS

Project Ref	Project	Built-up Area / Sqm	Scope of Work	Location
GP 11173	Doha Bank Al Khor Branch	-	Design Consultancy Services	Al Khor
GP 11184	Palestinian School	-	Concept, Preliminary, Detailed Design and Tender Documents	Abu Hamour
GP 11194	Steel Factory	-	Design Consultancy Services	Industrial Area
GP 11283	NDIA Passenger Terminal Complex	-	MEP Design	Doha
GP 12118	HMC OPD Annex Renovation	-	Design Consultancy Services	HMC
GP 12142	New Medical Service Building for Qatar Armed Forces	-	Design Consultancy Services	Doha
GP 12281	G+7 Office Building (Lofts)	-	Design Consultancy Services	Bin Mahmoud
GP 12321	Specialist LEED Services for Qatar University	-	LEED Service	Qatar University
GP 13147	Qatar Central Sterile Services Department	-	Architect of Record Services	Doha
GP 13421	QDB Services Compound	-	Design Consultancy Services	Industrial Area
SD 14004	Doha Oasis Mixed Used Development	-	Structural Design Service	Doha

10.4 COMMERCIAL BUILDINGS

Project Ref	Project	Built-up Area / Sqm	Scope of Work	Location
GP 14222	Design and Build of Marina Yacht Club	-	Design Consultancy Services	Lusail City
GP 15214	Es'hailSat Qatar Satellite	-	Design Consultancy Services	Al Ghuwairiya
GP15298	Design and Build of 3nos. Headquarter for Land Forces (Qatar Armed Forces)	-	Design Consultancy Services	Duhailiyath
GP16048	Aeromedical Center Building		Design Consultancy Services	Duhailiyath

10.5 RESIDENTIAL BUILDINGS

Project Ref	Project	Built-up Area / Sqm	Scope of Work	Location
AR-023	G+3 Residential Building	5326	Concept, Preliminary, Detailed Design and Tender Documents	Mansooraa
AR-062	G+5 Residential Building	22234	Concept, Preliminary, Detailed Design and Tender Documents	Musherib
AR-069	Le-Mirage Residence	17774	Concept, Preliminary, Detailed Design and Tender Documents	Bin Mahmoud
AR-083	G+6 Residential Building	8258	Concept, Preliminary, Detailed Design and Tender Documents	Bin Mahmoud
AR-104	G+3 Residential Building	12147	Concept, Preliminary, Detailed Design and Tender Documents	Al Sadd
AR-139	G+14 Residential Building	86182	Concept, Preliminary, Detailed Design and Tender Documents	Mansooraa
AR-191	G+6 Residential Building	15399	Concept, Preliminary, Detailed Design and Tender Documents	Bin Mahmoud
AR-305	Al Khaleej Development (Commercial and Residential Complex)	30227	Concept, Preliminary, Detailed Design and Tender Documents	New Doha
	G+7 Residential Building	-	Design Consultancy Services	Bin Mahmoud

10.6 PETROCHEMICAL FACILITIES AND BUILDINGS

S/NO	Project
1	Waste Water Treatment Pearl at G.T.L. in Ras Laffan consisting of pipe racks and pipe tracks and evaporator building and Crystallizer Building and Reinforced Concrete Water Reservoir and Structural Steel Tanks (19.5m high, 39m diameter) and Stainless Steel Tanks as well as Electrical Substation and Blast Resistant Command Centre.
2	Ras Gas Blast Resistant Workshop
3	Ras Gas Archives Building
4	Qatofin Silos Building and Warehouse and Office Building for Linear Low Density Polyethylene. The Silos Building was Blast Resistant.
5	Ras Laffan Industrial City's Warehouses and Pipe Sleepers
6	Lusail Development Primary Infrastructure – Qatar
7	Field Operation Building at Ras Gas – Qatar
8	Geology Laboratory at Dukhan, Qatar Petroleum – Qatar
9	Tobruk Refinery Optimization Study for AGOCO – Libya
10	LNG Plant, Methanol Plant, Refinery & Desalination Plant of SIRTE Oil Company (SOC) - Turnarounds operation of equipment improvement – Libya
11	Tobruk Refinery for AGOCO – Turnaround, maintenance and parts supply – Libya
12	RAS LANUF Oil and Gas Processing Co. Inc. (RASCO) – Turnaround operations systems and equipment improvement – Libya
13	Feasibility Study for Spare Parts Production Factory for Oil Fields and Refinery and Plants – AGOCO, Libya
14	Crude Oil and LPG gas pipelines erection, testing and commissioning – Kirkuk – Salaheddin, Iraq
15	Crude Oil and LPG gas tanks erection, testing and commissioning – Salaheddin, Iraq
16	Oil and Fuel Tanks Farm for Thermal Power Stations – Daura – Iraq / Ansaldo

10.7 AIRPORTS

1. Al Udeid Air Base

Master Plan:

S/N	Building
M01	Master Plan + Building Levels
M02	Road Layout + Layout Profiles
M03	Water Supply
M04	Foul Water
M05	Rain Water
M06	Fire Fighting
M07	11 KV
M08	LV
M09	OOREDOO
M10	CCTV
M11	External Lighting
M12	Aprons and Taxiway

Buildings:

S/N	Building	Floors	Total BUA in Sqm
1	Plane Shades	G	11,520
2	Aircraft Hangar	G + 1	21,625
3	Flying Wind Building	G + 2	7,950
4	Ground Base Training System	G + 1	5,700
5	Flight Training Facility Building	G + 1	5,700
6	Helicopter Building	G + 1	13,561
7	Airport Stores	G	9,410
8	Maintenance Office Building	G	1,845
9	Engine Ground Running Area	G	467
10	Washing Area	G	487
11	Control Rooms	G	44
12	Petrol Oil Ejection Seat	G	415

2. Al Shamal Air Base

Master Plan:

S/N	Building
M01	Master Plan + Building Levels
M02	Road Layout + Layout Profiles
M03	Water Supply
M04	Foul Water
M05	Rain Water
M06	Fire Fighting
M07	11 KV
M08	LV
M09	OOREDOO
M10	CCTV
M11	External Lighting
M12	Runway and Taxiway

Zone 1: Strategic Camp Area

S/N	Building	Floors	Total BUA in Sqm
B01	Main Gate	G	169
B02A	Observation tower	-	33.60
B02B	Observation tower	-	33.60
B03A	Workshops of Ammunition and Missiles	G	1292.73
B03B	Workshops of Ammunition and Missiles	G	1292.73
B04	Ammunition Store	G	286.67
B05	Ammunition and Missiles Stores	B	8314.75
B01A	Observation tower	-	33.60
B01B	Observation tower	-	33.60
B02A	Missiles Hangar	G	4593.92
B02B	Missiles Hangar	G	4593.92
B02C	Missiles Hangar	G	4593.92
B02D	Missiles Hangar	G	4593.92
B02E	Missiles Hangar	G	4593.92
B02F	Missiles Hangar	G	4593.92
B03	Mechanical Workshop	G+1	2016.56
B04	Industry Workshop	G+1	2016.56

S/N	Building	Floors	Total BUA in Sqm
B05	Electrical Workshop	G+1	2016.56
B06	Technical Warehouse	G	4305.9
B07	Transportation Unit	G	2217.60
B08	Command of the tactical missile system building	G+1	1435.44
B09	Warehouse Custody	G	2213.90
B10	Petrol Station & Transportation	G	412.37
B01A	Main Gate	G	169
B01B	Main Gate	G	169
B02A	Observation tower	-	33.60
B02B	Observation tower	-	33.60
B03	Civil Défense	G+1	1353.16
B04	Sports Bldg.	G	2444.0
B05	Clinic	G	134.55
B06	Signal Bldg.	G	437.85
B07	Officers Club, Residents , Majlis & Gym	G+2	5194.97
B08	Soldiers Mess	G	3449.0
B09	Training Center Bldg.	G+1	1632.51
B10	Tactical System Bldg.	G+1	1435.44
B11	External Playground	Open	-
B12	Mosque	G	707.40
B13A	External Parking	Open	-
B13B	External Parking	Open	-
B14	Headquarter	B+G+2	3692.39
B15	Main Parade Camp	Open	-
B16A	Soldiers Barracks	G+2	9443.43
B16B	Soldiers Barracks	G+2	9443.43
B17	Labour Accommodation	G	1011.89
B18	Stage	Open	-

ZONE 2: Airport Part

S/N	Building	No of floors	Total Built up Area in Sqm
B01	Leader Swarm & Leader Building	G	1772.3
B02	Plane Hangar	G	9272
B03	Plane Hangar	G	5461.94
B04A,04B,04C	Plane Hangar	G	3*875=2625
B05A,05B,05C,05D	Plane Shades	G	4x300=1200
B06	Helicopter Hangar	G	13561.3
B07A,07B,07C,07D	Heliport	Open	-
B08	Main Gate	G	169
B09	Civil Defence	G+1	1350
B10	Factory Hangar	G	16000
B11	Operation Building	G+1	3302.63

3. Hamad International Airport

a. CARGO Building

b. Technical Support to the Specialist Contractors in the following areas:

- RADAR Towers - full design
- Deluge System – structural design
- Metro Station – slope stability and soil bracing
- Services Support for vacuum collection system and fire fighting pipes and A/C ducts

10.8 SPECIALIST CIVIL AND STRUCTURAL PROJECT SERVICES

S/NO	Project
1	Blast Resistant Building
1.1	VOS Logistics Terminal - SILOS Building QATOFIN
1.2	Pearl GTL Water Treatment Command Center
1.3	Ras Laffan Warehouse for RASGAS
1.4	Ras Laffan Archives Office Building for RASGAS
1.6	Pipe Stress Analysis
1.7	Pearl GTL, pipe racks, crystallizer & evaporator buildings
2	Value Engineering Project
2.1	World Trade Center - 50 Storeys
2.2	AAYAN Tower - 45 Storeys
2.3	Hayat Plaza Foundation
2.4	Lotus Tower
2.5	State Mosque Roof and Domes
2.6	12 Towers at VIVA BAHRIYA
2.7	18 Towers at PORTA ARABIA
2.8	Several Residential, Commercial & Office Building in Doha and Industrial Area

10.8 SPECIALIST CIVIL AND STRUCTURAL PROJECT SERVICES

S/NO	Project
3	Fabrication Drawings Projects
3.1	New Doha International Airport - 3200 Tonnes
3.2	State Mosque - 1200 Tonnes
3.3	QAFCO Industrial Project - 1200 Tonnes
3.4	West Bay Lagoon Mall Roof - 1200 Tonnes
3.5	Pearl GTL pipe racks, crystallizer & evaporator buildings
3.6	Many tiles roof frames
3.7	Many warehouses
4	Military Projects
4.1	Construction of Military North Camp at Al Shamal
4.2	Design of Al Udeid Aircraft and Helicopter Warehouses and Office and Maintenance Facilities – Zone B
4.3	National Service Academy Training Camp at Al Mazrouaha – Supervision Works
4.4	Design and Build of New Camp at Tariq Bin Ziyad at Al Sailiyah
4.5	Duhailiyat Tank Simulation Building
4.6	Design and Build of Aeromedical Center Building at Al Udeid Air Base
	Key staff involved in the following:
4.7	Al Udeid Air Base - Taxi ways, ammunition stores, underground shelters, fire station, control tower, water reservoir etc.
4.8	Doha Sea Arm Base, Slipway Synchronized Lift, Maintenance Facilities Control Center

10.8 SPECIALIST CIVIL AND STRUCTURAL PROJECT SERVICES

S/NO	Project
4.9	Duhailat Camp
4.10	Doha Air Base Taxi Ways
4.11	Jetty at Ras Ushairij
4.12	Isola Dana Marina at The Pearl
5	Television Studios
5.1	Al Jazeera Children's Channel - Structural and MEP Services
5.2	Al Jazeera English Channel - Structural and MEP Services
6	Curtain Wall / Facades
6.1	Al Mana Towers
6.2	Sh. Hamad Bin Thamer Tower
6.3	Navigation Tower
6.4	Abdulghani Tower
6.5	Al Hitmi Office Building (Structural Glazing)
6.6	Twin Palm Tower
6.7	1 Diplomat Tower
6.8	Cable Supported Glazing at Qatar Foundations
6.9	Cable Supported Façade at Al Hazm Mall
6.10	Circular Roof and Rectangular Skylight at Doha Mall
6.11	Westin Front Elevation

10.8 SPECIALIST CIVIL AND STRUCTURAL PROJECT SERVICES

S/NO	Project
7	Industrial Projects
7.1	Reinforcing Steel Rolling Mill and Melt Shop
7.2	Midmac Tarmac Asphalt Plant
7.3	Midmac Concrete Readymix Plant
7.4	MAFCO Concrete Readymix Plant
7.5	VOS Logistic Warehouse (57,00m ²)
7.6	Central Laundry Project
7.7	Unceramic Factory
7.8	International Precast Factory
8	Post Tensioned Concrete
8.1	Design Checking and Third Party Certification for several projects (more than 50 nos.)
8.2	Steel Tanks, Concrete Tanks
9	Asphalt & Concrete Pavements
9.1	Al Udeid Air Base - Taxi ways, aprons and aircraft parking
9.2	Al Shagab Riding Academy Roads (Rigid Pavements)
9.3	Doha Airbase Parking VOS Logistics Roads
9.4	Pearl GTL Water Treatment Plant Roads
9.5	VOS logistics (Rigid Pavements)

10.8 SPECIALIST CIVIL AND STRUCTURAL PROJECT SERVICES

S/NO	Project
10	Pipe Stress Analyses and Pipe Supports
10.1	South Utility Tunnel at Qatar Foundation (9km long)
10.2	Deluge System at New Doha International Airport
10.3	Chilled Water Pipes at Doha Financial District
11	Trouble Shooting and Support Projects
11.1	Sara Tower (Severe corrosion and concrete spalling)
11.2	ASAS Towers (Corrosion, severe corrosion and concrete spalling)
11.3	Water Reservoir at West Bay (Severe corrosion and wall settlement)
11.4	2 nos. Water Reservoir in Messaieed (Severe corrosion)
11.5	Water Reservoir at Barwa (Leaks through Construction Joints)
11.6	Deflection of slabs at Gulf Mall
11.7	Al Maha School (Basement slab uplift under Hydrostatic Pressure)
11.8	Al Muthanna Office Building (Basement Raft uplift under Hydrostatic Pressure)
11.9	Sh. Saud Tower (Architect: Jean Nouvelle) (Assessment of water leaks in Basements)
11.10	Al Mana Tower (Rectification of failed post tensioned concrete ground slab)

10.9 VILLA COMPOUNDS

Project Ref	Project	Scope of Work	Location
AR - 005	12 Villas Compound	Concept, Preliminary, Detailed Design and Tender Documents	Rayan
AR - 007	85 Villas Compound	General and Site Supervision	Rayan
AR - 012	Villa	Concept, Preliminary, Detailed Design and Tender Documents	Rayan
AR - 016	5 nos. Private Villa	Concept, Preliminary, Detailed Design and Tender Documents	West Bay
AR - 018	Private Villa	Concept, Preliminary, Detailed Design and Tender Documents	Rayan
AR - 019	4 nos. Villa	Concept, Preliminary, Detailed Design and Tender Documents	Khartiyat
AR - 020	7 Villas	General and Site Supervision	West Bay
AR - 024	7 Villas	General and Site Supervision	West Bay
AR - 027	34 Villas	Concept, Preliminary, Detailed Design and Tender Documents	Airport Road
AR - 031	Private Villa	Concept, Preliminary, Detailed Design and Tender Documents	Airport Road
AR - 049	Private Villa	Concept, Preliminary, Detailed Design and Tender Documents	Gharafa
AR - 065	154 Villas	General and Site Supervision	Al Waab

10.9 VILLA COMPOUNDS

Project Ref	Project	Scope of Work	Location
AR - 072	35 Villa Compound	Concept, Preliminary, Detailed Design and Tender Documents	Mamoura
AR - 076	128 Villa Compound	Concept, Preliminary, Detailed Design and Tender Documents	Rayan
AR - 084	28 Villa Compound	Concept, Preliminary, Detailed Design and Tender Documents	Markhiya
AR - 107	Villa Compound	Concept, Preliminary, Detailed Design and Tender Documents	Umm Salal
AR - 110	12 Nos. Villas	Concept, Preliminary, Detailed Design and Tender Documents	West Bay
AR - 135	200 Villa Compound	Concept, Preliminary, Detailed Design and Tender Documents	West Bay
AR - 120	67 Villa Compound	General and Site Supervision	West Bay
AR - 178	12 Villa Compound	Concept, Preliminary, Detailed Design and Tender Documents	Al Hilal
AR - 181	Rivera Compound	Concept, Preliminary, Detailed Design and Tender Documents	Duhail
AR - 245	44 Villa Compound	Concept, Preliminary, Detailed Design and Tender Documents	Markhiya
AR - 333	07 Villa Compound	Concept, Preliminary, Detailed Design and Tender Documents	Markhiya
AR - 378	109 Villa Compound	Concept Design	Al Kheesa

10.9 VILLA COMPOUNDS

Project Ref	Project	Scope of Work	Location
AR - 386	10 Villa Compound	Concept, Preliminary, Detailed Design and Tender Documents	Mesaimeer
GP13298	Private Residence	Design Consultancy Services	Mrikh
GP13299	Les Roses 3 Proposed Compound	Design Consultancy Services	Al Baaya District
	50 Villas Compound Zone 69	Design Consultancy Services	Lusail City

SITE SUPERVISION SERVICES - ONGOING MAJOR PROJECTS

S/N	Client	Location	Project	Scope of Works
1	Al Mana Real Estate Holding	The Pearl	04 Mall Plot LPS 062	Site Supervision Service
2	Al Mana Real Estate Holding	The Pearl	Apartment Building LPS 06 3B+G+7 Floors	Site Supervision Service
3	Ta'allum Trading & Education Group	Ain Khaled	Al Maha Academy Expansion	Site Supervision Service
4	Darwish Holding	Dafna	Al Darwish Residential Tower	Site Supervision Service
5	Abdul Wahab Real Estate Company	Dafna	Residential Tower 3B+G+54 Floors	Site Supervision Service
6	Nasser Mohd Hattab Al Kaabi	Mrikh	Private Residence	Site Supervision Service
7	Mohamad Hamad Almana	The Pearl Qatar	Viva Bahria 24 Residential Tower	Site Supervision Service
8	Abdulla Al Misnad	Lusail	Office Tower Marina Com 20 3B+G+27 Floors	Site Supervision Service
9	Mohamad Hamad Al Mana	Corniche	Almana Commercial Office & Residential Tower 6B+G+56 Floors	Site Supervision Service
10	KBM Group	West Bay	Al Brooq Residential Tower	Site Supervision Service
11	KBM Group	Lusail	Al Nassem Tower Res 19	Site Supervision Service
12	Al Bandy Real Estate	The Pearl Qatar	Residential Tower at Parcel 12A, Porto Arabia 4B+G+20 Floors	Site Supervision Service
13	SAK Holding Group	West Bay	Hala Tower	Site Supervision Service

SITE SUPERVISION SERVICES ON-GOING MAJOR PROJECTS

S/N	Client	Location	Project	Scope of Works
14	Buzwair Real Estate	Al Muntazah	Commercial and Residential Development 3B+G+7 Floors	Site Supervision Service
15	Ezdan Holding Group	Al Shamal Road	Ezdan Palace Hotel	Site Supervision Service
16	Mohamad Al Okar	Foxhills District, Lusail City	Commercial Building Plot MU/C08 G+5 Floors	Site Supervision Service
17	Mozoon Real Estate	West Bay	5B+G+25 Oberoi Hotel & Serviced Apartments 5B+G+32 Renaissance & Courtyard Hotel 5B+G+36 Mozoon Apartments 5B+G+45 Marriott Executive Apartments & Residence Inn Apartments	Site Supervision Service
18	HassanESCO Trading and Contracting	Lusail	Commercial/ Office Plot Marina Com-31	Site Supervision Service
19	Al Mana Real Estate Holding	The Pearl Qatar	La Plague South Infrastructure Works	Site Supervision Service
20	SAK Holding Group	West Bay	Hala Tower	Interior Design Supervision Services

10.10 PROJECT MANAGEMENT / SITE SUPERVISION COMPLETED PROJECTS (TOWERS & BUILDINGS)

Project Ref	Project	Client	Built-up Area / Sqm	Scope of Work	Location
AR-001	Al Maha Complex	Khalid Al Misnad	18996	Project Management and Site Supervision	Bin Omran
AR-014	Al Dana Tower	Khalid Bin Nasser Al Misnad	42563	General and Site Supervision	Dafna
AR-062	G+5 Residential Building	Khalid Al Misnad	22234	General and Site Supervision	Musherib
AR-075	Abdulghani Complex	Abdullah Abdulghani	34082	General and Site Supervision	Doha
AR-078	1 Diplomat	Saeed Al Misnad	32531	General and Site Supervision	Dafna
AR-095	Sara Tower	Khalid Bin Nasser Al Misnad	59614	General and Site Supervision	Dafna
AR-099	Lotus Tower	Youssef Al Jaber	32241	General and Site Supervision	Dafna
AR-112	Twin Palm Tower	Shk Hamad Bin Jassim Jabr Al Thani	263340	General and Site Supervision	Dafna
AR-120	Abdulghani Tower	Abdullah Abdulghani	37510	General and Site Supervision	Dafna
AR-122	Transworld Centre	Shk. Hamad Bin Jassim Al Thani	24275	General and Site Supervision	Dafna
AR-123	Golden Bay Tower	Shk. Khalifa bin Jassim Mohd Al Thani	25342	General and Site Supervision	Dafna

10.10 PROJECT MANAGEMENT/ SITE SUPERVISION COMPLETED PROJECTS (TOWERS & BUILDINGS)

Project Ref	Project	Client	Built-up Area / Sqm	Scope of Work	Location
AR-126	West Bay 44 Residential Tower	Abdullah Bin Nasser Al Misnad	60797	Project Management and Site Supervision	West Bay
AR-136	Al Seal Residential Tower	Mohammed Al Okar	43683	General and Site Supervision	Dafna
AR-140	Qatar National Bank	Qatar National Bank	-	General and Site Supervision	Cornish
AR-142	M Tower (Somerset Tower)	Shk. Mohd Bin Suhaim	46630	General and Site Supervision	Dafna
AR-156	West Bay Lagoon Plaza (Zigzag Tower)	Shk Hamad Bin Jassim Jabr Al Thani	281725	General and Site Supervision	West Bay
AR156	51 East Lagoon	Modern Home / Darwish Holding	12000	General and Site Supervision	West Bay
AR-177	W Hotel	Jassim Al Jaidah	73735	General and Site Supervision	Al Salata
AR-180	G+14 Office Building at Al Saad	Shk. Hamad Bin Khalid	15916	General and Site Supervision	Al Sadd
AR-184	Al Reem Complex	H. E. Youssef Kamal	77136	General and Site Supervision	Bin Mahmoud
AR-212	Fahad Al Khater Tower	Fahad Al Khater	89069	General and Site Supervision	Doha

10.10 PROJECT MANAGEMENT/ SITE SUPERVISION COMPLETED PROJECTS (TOWERS & BUILDINGS)

Project Ref	Project	Client	Built-up Area / Sqm	Scope of Work	Location
AR-387	Jaidah Headquarters and Car Showroom	Jassim Al Jaidah	69647	Supervision Piling Works and Construction General Supervision	Najma
AR-414	Kamal Ali Saleh Office Bldg	Kamal Ali Saleh & Mrs. Nahida Mohmed Kala Saleh	-	Site Supervision	Airport Road
AR-417	Doha Bank Headquarters	Doha Bank	-	Site Supervision	Corniche
AR-427	Office Building (G+2)	Ahmad Al Emady	-	Site Supervision	C Ring Road
	Hilton Tower	Hamilton Project Mgmt.	-	General and Site Supervision	West Bay
	Bone Joint Institute at OPD Annex Renovation	Hamad Medical Corporation	-	General and Site Supervision	Doha
	Al Jassra Hotel	Private Engineering Office	-	General and Site Supervision	Souq Waqif
	Boutique Hotel	Decorelle Architecture & Decoration	-	Technical Consultancy Services	Souq Waqif
	Civil Defense Headquarters	Davis Langdon, An AECOM Company	-	Supervision Consultancy Services	Bin Omran
	3 New Schools	Gulf Contracting Company	-	Supervision Consultancy Services	Al Wakra
	HBK Car Parking	Hamad Bin Khalid Real Estate Company	-	Supervision Consultancy Services	Doha
	Dunes Hotel Basement Parking Phase 2	Shk Fahad Bin Mohd Jabor Al Thani	-	Supervision Consultancy Services	Dafna

10.10 PROJECT MANAGEMENT/ SITE SUPERVISION COMPLETED PROJECTS (TOWERS & BUILDINGS)

Project Ref	Project	Client	Built-up Area / Sqm	Scope of Work	Location
	Landmark Shopping Mall	Landmark	-	Supervision Consultancy Services	Landmark
	World Trade Centre	Qatar General Insurance & Re-insurance Company	-	Supervision Consultancy Services	West Bay
CS13281	Villaggio Extension at Entrance 1	Business Trading Company	-	Supervision Consultancy Services	Villaggio
GP11297	BTC-JW Marriott Hotel Tower (Piling Works)	Business Trading Centre	-	Supervision Consultancy Services	West Bay
CS15208	Abo Baker Apartment Buildings 3 nos. G+7	Ezdan Holding Group	-	Supervision Consultancy Services	Umm Gwailina
CS15043	Residential Tower 3B+G+54 Floors	Al Wahab Real Estate Co.	-	Supervision Consultancy Services	Dafna
GP12118	HMC OPD Annex Renovation	Hamad Medical Corporation	-	Supervision Consultancy Services	Doha
CS13257	Union Residential Tower 2B+G+M+35 Floors	Shk Hassan Abdullah Mohd Al Thani	-	Supervision Consultancy Services	West Bay
CS12111	Barwa Al Khor Housing Development – Package 2	Barwa Real Estate Company/ Qatar Real Estate & Investment Company	-	Supervision Consultancy Services	Al Khor
CS11088	White Square Tower	Ezdan Real Estate	-	Supervision Consultancy Services	West Bay

10.10 PROJECT MANAGEMENT / SITE SUPERVISION COMPLETED PROJECTS (TOWERS & BUILDINGS)

Project Ref	Project	Client	Built-up Area / Sqm	Scope of Work	Location
CS12192	New Community Center at QP Township	Qatar Petroleum/ Qatar Real Estate & Investment Company	-	Supervision Consultancy Services	Dukhan
CS12213	Al Bandary Hotel Apartment Tower	Al Bandary Real Estate	-	Supervision Consultancy Services	Dafna
CS13078	Al Mana Square Office Building G+7 Floors	Al Mana Real Estate Holding	-	Supervision Consultancy Services	Bin Mahmoud
GP15298	Design and Build of 3nos. Headquarter for Land Forces (Qatar Armed Forces)	Tadmur Contracting	-	Supervision Consultancy Services	Duhailiyath

10.10 PROJECT MANAGEMENT/ SITE SUPERVISION COMPLETED PROJECTS (VILLA COMPOUNDS)

Project Ref	Project	Client	Built-up Area / Sqm	Scope of Work	Location
AR-069	Le-Mirage Residence	Shk. Abdulaziz	17774	General and Site Supervision	Bin Mahmoud
AR-005	12 Villas Compound		-	General and Site Supervision	Rayyan
AR-007	85 Villas Compound		-	General and Site Supervision	West Bay
AR-020	7 Villas Compound		-	General and Site Supervision	West Bay
AR-024	8 Villas Compound		3219	General and Site Supervision	Rayyan
AR-065	154 Villas Compound	Nasser Al Kaabi	-	General and Site Supervision	Al Waab
AR-111	6 Villa Compound	Jassim Al Musalam	3115	General and Site Supervision	
AR-143	67 Villas Compound	Shk. Hamad Bin Suhaim	36066	General and Site Supervision	West Bay
AR-181	Rivera Compound	Ibrahim Al Ansari	71854	General and Site Supervision	Duhail
AR-415	Mazaya Residential Compound	Mazaya Qatar Real Estate Development	-	Project Management and Site Supervision	Gharaffa

10.10 PROJECT MANAGEMENT / SITE SUPERVISION COMPLETED PROJECTS (VILLA COMPOUNDS)

Project Ref	Project	Client	Built-up Area / Sqm	Scope of Work	Location
	Amiri Diwan Renovation Phase 2	Private Engineering Office	-	Supervision for Interior Works	Wajba
	Palace + 51 Villas	Shk Mohamed Bin Faisal Al Thani	-	Supervision Consultancy Services	Gharaffa
	Barzan Camp Housing Complex Package 3	Private Engineering Office	-	General and Site Supervision	Barzan
	Barzan Camp Stores & Car Parking	Private Engineering Office	-	General and Site Supervision	Barzan
	Beach Villa (TJ) SPA	Private Engineering Office	-	Site Supervision Consultancy Service	Dafna
	24 Villa Compound	Sheikha Mechael Al Thani	-	Site Supervision Consultancy Service	Al Rayyan
CS14127	Les Roses 3 Compound	Nasser Mohd Hattab Al Kaabi	-	Site Supervision Service	Al Baaya District
	50 Villas Compound Zone 69	Shk Hamad Bin Suhaim Al Thani	-	Site Supervision Service	Lusail City

10.11 INDUSTRIAL & ENVIRONMENTAL PROJECTS

S/N	Project	Client
1	Interim Doha Convention Centre	Barwa
2	GTL Effluent Plant Ras Laffan	Shell International/ Al Jaber & Partners
3	Logistics Terminal for KTPA LLDPE 55,000 m ² Warehouse Unit	VOS Logistics Qatar / Amana Steel
4	Melamine and Urea Revamp	QCON/QAFCO
5	150 m x 75 m Rizon Hanger at Old Airport	Midmac Contracting
6	30 m x 105 m Ras Gas Warehouse	Medgulf Contracting
7	Switchgear Factory	Amana Contracting
8	Ceramics Factory	Uniceramics
9	Blockwork Making Factory	Midmac Contracting
10	15 m x 400m Cargo Terminal and 3 Nos. Aircraft Hangers at NDIA	Leo Steel
11	Cut and Bend Factory	Midmac & Merc
12	20 m x 50m Cold Storage Warehouse	QIT
13	59 m x 285 m Ras Laffan Warehouse	Al Alia Trading & Contracting
14	3 Nos. Warehouses at Duhailiyat Military Camp	MJK & Trading & Contracting
15	Pepsi Cola Factory	Al Mana & Partners
16	Ford Warehouse	Al Mana & Partners
17	Laundry Building	Specialist for Laundry Services Company

10.11 INDUSTRIAL DESIGN PROJECTS

S/N	Project	Client
18	Reinforcing Steel Rolling Mill and Melt Shop: Mr. Saad Al Noaimi	Midmac Contracting
19	Asphalt Plant	International Precast
20	Steel Reinforcing Rolling Mill in New Industrial Area	Qataria Steel
21	Asphalt Plant in Msaieed	Midmac Contracting
22	Cut and Bend Facility	Midmac Contracting
23	Qatar International Precast Factory in Msaieed	Q.I.T.
24	Cut and Bend Factory in Msaieed	Qasco
25	Al Shaqab Food Processing in Industrial Area	Al Manal Food Factory
26	Doha Port Project - Third Party Consultant for (8) Eight Steel Buildings and (4) Four Reinforced Concrete Buildings	HBK/ Shapoorji Pallonji Qatar

10.12 DESIGN & BUILD PROJECTS

Proj Ref	Project	Client	Contractor	Scope of Works	Location
STR1657	Filed Operation Building at Ras Gas	Ras Gas	Galfar Al Misnad	Design of two storey building with consideration of blast resisting structure	Ras Laffan
STR1643	GTC 220 Kahramaa Pumping Station & Pipeline for Potable Water	Kahramaa	HBK	Design of water tanks and pumping station facility with all related building	Messaimeer
STR10137	GTC 275 Kahramaa Project for Valve Chamber and Pipeline	Kahramaa	HBK	Design of valve chamber, trenches and pipeline profile	Messaimeer
STR10100	Geology Laboratory at Dukhan	Qatar Petroleum	Tag Engineering	Design of one storey building and loading and unloading area	Dukhan
STR10141	Barwa Amenities Zone at Barwa City	Barwa	Shapoorji Pallonji	Design of 16 buildings such as Shopping Centre, Grand Mosque, Goumma Mosque, Bank and Infrastructure for the whole site premises	Barwa City
STR1716	Baker Hughes Main Facilities at Ras Laffan	Baker Hughes	Madina Group	Design of laboratory and administration building for Baker Hughes company	Ras Laffan

10.12 DESIGN AND BUILD PROJECTS

SN	Name of Projects	Client
1	Qatofin Stores and Silos Buildings in Msaieed (59,000m ²)	Amana Steel
2	Pearl G.T.L. Waste Water Treatment Plants	Al Jaber Trading
3	Blast Resistant Ware House in Ras Laffan	Midmac Contracting / Ras Gas
4	Barwa City Miscellaneous Buildings (105,000m ²) High Schools, Mosques, Health Club, Supermarket, Bank Building and Landscaping, etc.	Shapoorji Pallonji Qatar
5	Exhibition Centre Structural Design	Amana Steel
6	Doha Port Project Third Party Consultant for (8) Eight Steel Buildings and (4) Four Reinforced Concrete Buildings	HBK/ Shapoorji Pallonji Qatar
7	National Service Academy – Training Camp in Al Mazrouaha	Al Bandy Engineering
8	Vendome Mall in Lusail City	United Development Co.
9	Al Zaeem Air Academy in Al Udeid	Al Bandy Engineering
10	Panorama Residence & Suites in The Pearl	First Qatar Real Estate Development
11	Aeromedical Center Building in Al Duhailiyat	Imar Istanbul Contracting & Trading Company
12	Twelve Hangers & Workshop for Tank Regiment Camp in Al Duhailiyat	Nasser S. Al Hajri Co. Ltd
13	Aspire Academy Expansion in Aspire Zone	Construction Development Company
14	Shaza Hotel in Old Salata	Domopan Qatar
15	Les Roses 3 (130 Villa Compound) in Baaya District, Al Rayyan	Tadmur Contracting
16	Training Hall – Al Tawila	Kulak Construction Co.
17	Es'hailSat Qatar Satellite Tower in Ghuwairiya	Promer Qatar
18	Marina Yacht Club in Lusail	Al Jaber Trading & Contracting / Ceinsa JV
19	Doha Oasis Mixed Use Development in Msheireb	Redco Al Mana
20	Head Quarter for Land Forces (Qatar Armed Forces) at Al Duhailiyat	Tadmur Contracting
21	New Camp at Tariq Bin Ziyad, Al Sailiyah	Generic Engineering Technologies

10.13 GLASS (FAÇADES/ SKYLIGHTS/ BALUSTRADE/ CANOPY/ STRUCTURAL GLAZING)

S N	Project	Owner	Contractor/ Subcontractor	Consultant	Description	MZ Scope	
						Design	Third Party
1	Al Jassasiya Guest House	Private Engineering Office	Contraco/ Spectra Arts	Arab Engineering Bureau	Suspended Glass Ceiling		√
2	Al Jazeera Café	Cultural Village/ Al Jazeera Channel	ID Trading & Contracting		Glass Curtain Wall Facades & All Cladding Elements	√	
3	Al Rayyan Residential Tower	Sheikha Maryam Bin Mohammad Al Thani	Al Darwish Engineering/ SASCO	GHD	Glass Balustrade		√
4	Al Saad Tower	N.S. Al Misnad	HBK/ Alutec	MCSL	Glass Curtain Wall Facades & All Cladding Elements		√
5	Al Rames Tower	Qatar Islamic Bank	Redco Construction/ Alumana Industries	United Consultants	Glass Curtain Wall Facades & All Cladding Elements		√
6	Business Park & Hotel Facilities	Sh. Mohamad Bin Hammad Al Thani	Redco Construction/ Alumana Industries	Arab Engineering Bureau	Glass Curtain Wall Facades & All Cladding Elements		√
7	Dr. Ali Fetais Tower at Marina District, Lusail	Dr. Ali Fetais	AGR	MZ&Partners	Glass Curtain Wall Facades & All Cladding Elements	√	

10.13 GLASS

(FAÇADES/ SKYLIGHTS/ BALUSTRADE/ CANOPY/ STRUCTURAL GLAZING)

S N	Project	Owner	Contractor/ Subcontractor	Consultant	Description	MZ Scope	
						Design	Third Party
8	Georgetown University School of Foreigner Affairs	Qatar Foundation	Midmac Contracting/AGR	KEO	Tension Rod System with Spider Glazing		√
9	Interim Doha Convention Centre	Barwa	Amana/ Alunasa	Atkins	Glass Curtain Wall Facades & All Cladding Elements		√
10	Information System Department Building	Ministry of Interior	Redco/ Alumana	Qatar Design Consortium	Skylights		√
11	Jaidah Commercial Development	Jaidah Investment & Real Estate Devt. Co.	Brookfield Multiplex Medgulf/ Alunasa	MZ&Partners	Ground Floor Glazed Façade and Canopy	√	
12	Lotus Tower	Youssef Al Jaber	Al Kaleejh/ Alutec	MZ&Partners	Glass Curtain Wall Facades & All Cladding Elements		√
13	Medina Central at The Pearl	United Development Company	AGR	Dar Al Handasah	Skylights & GRC Cladding		√
14	Mock-up Building Convention Centre Ext.	Qatar Foundation	Midmac Six Construct/ Leo Steel	KEO	Glass Balustrade & Cladding		√
15	New Doha International Airport - Amiri Bridge	New Doha International Airport	Spectra Arts	Overseas Bechtel Inc.	Decorative Glass Railings along Amiri Bridge		√
16	New Doha International Airport CP26	New Doha International Airport	Aktor Al Darwish Engineering/ AGR	Overseas Bechtel Inc.	Glass Curtain Wall and Skylights		√

10.13 GLASS

(FAÇADES/ SKYLIGHTS/ BALUSTRADE/ CANOPY/ STRUCTURAL GLAZING)

S N	Project	Owner	Contractor/ Subcontractor	Consultant	Description	MZ Scope	
						Design	Third Party
17	New Doha International Airport - Amiri Terminal	New Doha International Airport	CTJV - CDC-Takenaka JV/ BSI Qatar	Overseas Bechtel Inc.	Power Light Glass Roofing	√	√
18	New Doha International Airport - Ramp	New Doha International Airport	CTJV - CDC Takenaka JV/ Daejin DSP Co. Ltd.	Overseas Bechtel Inc.	Glass Balustrade		√
19	Qatar Petroleum Central Offices - Mseid	Qatar Petroleum	QBEC/ Qatar Leaders	Qatar Petroleum	4 Building Glass Facades and Canopy & Cladding	√	√
20	Qatar Silhouette Tower Conference Centre	H.E. Mohamed Ajjaj Al Kubaisi	SASCO	CICO/ Thomasbell Wrigh	Glass Curtain Wall Facades & All Cladding Elements	√	√
21	Regent Hotel	Ghanem Al Thani Holding	Ramco/ Alutec	KEO	Glass Curtain Wall Facades & All Cladding Elements with Entrance under Tension Cable		√
22	Samrya Twin Towers	Al Khayareen	Yuanda Qatar	ECG	Glass Curtain Wall Facades & All Cladding Elements with Wind Test Witnessing		√

10.13 GLASS (FAÇADES/ SKYLIGHTS/ BALUSTRADE/ CANOPY/ STRUCTURAL GLAZING)

S N	Project	Owner	Contractor/ Subcontractor	Consultant	Description	MZ Scope	
						Design	Third Party
23	Silhouette Tower	H.E. Mohamed Ajjaj Al Kubaisi	Alumana Industries	CICO/ Thomasbell Wright	Glass Curtain Wall Facades & All Cladding Elements with Wind Test Witnessing	√	√
24	Student Centre Education City	Qatar Foundation	Tadmur/ SASCO	KEO	Glass Curtain Wall & Balustrade		√
25	Tivoli Showroom	Tivoli Furniture Co,	Al Darwish Engineering W.L.L./ SASCO	Qatar Design Consortium	Glass Curtain Wall Facades & All Cladding Elements	√	√
26	Viva Bahriya VB-17	United Development Company	Qatari Arabian Construction Co. WLL / AGR	Dar Al Handasah	Glass Curtain Wall		√
27	Viva Bahriya VB-29	Barwa	Alumana Industries	Dar Al Handasah	Glass Canopy		√
28	World Trade Centre	Qatar General Insurance & Reinsurance Co.	Arabtec	MZ&Partners	Glass Curtain Wall Facades & All Cladding Elements	√	
29	Shumookh Towers	Al Mana	SASCO	EHAF	Curtain Wall		√

10.14 STONE/ GRP/ ALUMINUM CLADDING/ PRECAST CONCRETE

S N	Project	Owner	Contractor/ Subcontractor	Consultant	Description	MZ Scope	
						Design	Third Party
1	Qatar Foundation - The Learning Centre	Mr. Tarik Shaaban	Al Jaber Trading & Contracting Co./El Alfy	KEO/ James Cubitt and Partners	Marble Cladding	√	√
2	Qatalum Mesaaid	Qatalum	Al Saad Contracting	SNC - Lavalain	The Aluminum Cladding Service Area Building		√
3	The Gate	Salam Bounian	Man Enterprise	Halcrow	Composite Roof		√
4	Barwa Commercial Avenue	Barwa	Hochtief / El Alfy	Maunsell	Stone Cladding		√
5	Qatar University Central Service Unit	Qatar University	Tadmur / AGR	HQ Associates	Fixed Aluminum Louvers & Cladding		√
6	New Doha International Airport - Amiri	New Doha International Airport	CTJV-CDC-Takenaka JV/ Cassina	Overseas Bechtel	Interior Flat Wall Paneling	√	√
7	Qatar University - School of Business	Qatar University	Almana Steel	Arab Architects	Car park Shed	√	√
8	The Pearl Qatar	United Development Company	AMTC/ Arabesque	Dar Al Handasah	GRP Cladding under Water for Pedestrian Bridge	√	√
9	Woqood Tower	Qatar Fuel Company	Romtre Project / Alunasa	GCE	Roof Parapet Steel & Cladding/ Scaffolding & Installation		√
10	Viva Bahria		Al Watania		Precast Concrete		√
11	Viva Bahria		Redco		Precast Concrete		√
12	Doha Land		Hyundai		Aluminum Screens	√	√
13	Qatar Cool		SASCO		Aluminum Cladding	√	√
14	Twin Towers		SASCO		Cladding		√

10.15 FIRE ASSESSMENT PROJECTS

SN	Project
1	Several War affected projects in Lebanon Civil War
2	Musheirib Project – Contractor : Hyundai
3	Villaggio Shopping Mall
4	Warehouse in Qatar Armed Forces
5	Dana Tower (2 Basements)
6	Al Mansoura Residential Building

10.16 HEALTH CARE FACILITIES

SN	Project	Scope of Work
1	New Medical Services Building for Qatar Armed Forces	Design and Supervision Services
2	HMC OPD Annex Renovation	Design and Supervision Consultancy Services
3	Bone Joint Institute at OPD Annex Renovation for HMC	General and Site Supervision Services
4	Aeromedical Center Building in Armed Forces Camp	Design Services
5	Qatar Central Sterilization Facility for all Government Hospitals	Architect of Record Services
6	Westbay Medical Center at the Gate Mall	Design and Supervision Services

10.17 SPORTS FACILITIES

SN	Project Name	Scope of Work
1	The Sports Club (Open field air-conditioned Stadium at Al Thumama)	Full Design Services from concept to final detailed design and tender stage.
2	Qatar University Sports and Events Complex	Third Party Design Certifications of design, shop drawings and material submittals.
3	Aspire Academy Expansion of Aspire Zone	Third Party Design Certification of 80 x 200 curved space frame roof
4	Hamad Aquatic Centre	Structural Design of Steel Roof 40m x 112 m supported on 4 columns.

10.18 EDUCATIONAL FACILITIES

Barwa Schools - Completed

1. Location - Barwa City, Qatar
2. Type - Primary School & Secondary School – 2 Nos. Schools and 4 Kindergartens
3. Number of students - 4000 students
4. Built up area – 50,000 sqm
5. School Facilities - Indoor pool, Library media center, sports practice halls, cafeteria, music lab, IT lab, Science labs, outdoor sports area, outdoor playground, outdoor amphitheater, staff training, exposition areas.
6. MZP Scope of services – Architectural, Structural, MEP, Interior, Landscaping & Quantity Surveying services. Schematic design, Detailed design and preparation of tender documents, GSAS 4-star rating and obtaining building permit.
7. Status – Design and Construction completed.

10.18 EDUCATIONAL FACILITIES

Palestinian School - Completed

1. Location - Abu Hamour, Qatar
2. Type – Kindergarten, Primary & Secondary School
3. Number of students - 2430 students
4. Built up area – 20,500 sqm
5. School Facilities - Library media center, multipurpose room, sports practice halls, cafeteria, music lab, IT lab, Science labs, outdoor sports area, outdoor playground.
6. MZP Scope of services – Architectural, Structural, MEP, Interior, Landscaping & Quantity Surveying design services. Concept design, Schematic design, Detailed design and preparation of tender documents and obtaining building permit.
7. Status – Design and Construction completed.

10.18 EDUCATIONAL FACILITIES

Al Mana Primary School – Completed :

1. Location - Fox Hills District, Lusail, Qatar
2. Type – Primary School
3. Number of students - 1800 students
4. Built up area - 22,000 sqm
5. School facilities - Indoor multipurpose hall, basketball court, recreation, outdoor play area, canteen, library, science laboratory
6. MZP Scope of services – Architectural Concept design
7. Status – Concept design Completed.

10.18 EDUCATIONAL FACILITIES

Al Maha Academy- Ongoing Project:

1. Location – Ain Khaled, Rayan, Qatar
2. Type – Secondary Boys School, Secondary Girls School, Kinder garden School, Staff accommodation building & facilities/plant room & Standalone car park building.
3. Number of students – 1850 students for Secondary Boy's School, 1850 students for Secondary Girl's School and 600 students for Kindergarten
4. Built up area – 19,171.79 Sqm for Secondary Boy's School, 19,171.79 Sqm for Secondary Girl's School, 19,171.79 Sqm for Kindergarten, 12,775.69 Sqm for Staff Accommodation & 11,966.87 Sqm for Car Parking Building
5. School facilities - Indoor Swimming Pool, Indoor Sport Hall, Indoor and Outdoor Playing Areas, Cafeteria, Auditorium, Playground, Library and Courtyards.
6. MZP Scope of services – Architectural fire safety plans, Structural detailed design, MEP detailed design, Infrastructure detailed design and obtaining building permit.
7. Status – Completed schematic design and detailed design.

10.18 EDUCATIONAL FACILITIES

New Birla Public School - Ongoing Project:

1. Location – Wukair, Qatar
2. Type – Kindergarten, Primary and Secondary School building.
3. Number of students – 3600 students
4. Built up area – 45,000 Sqm
5. School facilities - Indoor Swimming Pool, Indoor Sport Hall, Indoor and Outdoor Playing Areas, Cafeteria, Auditorium, Playground, Library and Courtyards.
6. MZP Scope of services – Architectural, Structural, MEP, Interior, Landscaping & Quantity Surveying design services. Concept design, Schematic design, Detailed design and preparation of tender documents and obtaining building permit
7. Status – Concept design ongoing.

11. QUALITY MANUAL



QUALITY MANAGEMENT SYSTEM MANUAL

This manual and the information contained herein are the property of MZ & PARTNERS.

This manual and its contents must not be reproduced or otherwise disclosed without prior written consent from authorized signatory from MZ& PARTNERS.

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A. Foreword by MZ & Partners - Qatar

This Quality Manual describes the policies and company-wide controls of MZ&PARTNERS – QATAR quality management system. The policies described in this manual meet the requirements of the international standard ISO 9001:2015. Procedures, work instructions and forms have also been developed and implemented to meet the requirements of this international standard.

MZ&PARTNERS – QATAR is committed to ensure that its quality system is fully and completely understood by its employee and everyone working for the Company, and that the procedures of this quality system are implemented and maintained at all times. The quality system as documented in this quality manual is in accordance with the requirements of ISO 9001: 2015. The quality system is periodically and systematically reviewed by means of periodical audits.



Dr. Ahmed Shaat

Management Representative

A.1 Management Representative for ISO 9001:2015

Management is pleased to appoint Dr. Ahmed Shaat as Management Representative (MR) for ISO 9001:2015. He shall have the responsibility and authority that includes ensuring that the processes needed for the Quality Management system are established, implemented and maintained. He will also report to Top Management on the performance of the Quality Management System in collaboration with the Quality Manager – Mark Lepiten.

The above is in addition to his existing responsibilities at MZ&PARTNERS - QATAR all staff are required to give full cooperation to ensure the effective and efficient implementation of the Quality Management System.


B. Approvals

	Prepared	Reviewed	Approved	Approved	Controlled Document Stamp
Title	Quality Manager	Management Representative	Quality Director	Managing Director	
Name	Mark Lepiten	Ahmed Shaat	Hassan Sultan	Fawzi Alsmailani	
Signature			 30.09.18		

C. Manual Identification

This document is a controlled/**uncontrolled copy**

Copy Number	01
Issued to	Client
Title	Quality Management Systems Manual

Signed	 Quality Manager
Name	Mark Lepiten
Date	September 2018

D. MZ & Partners Profile**D.1 Address:**

MZ&PARTNERS Architectural and Engineering Consultancy

P.O Box 5785

Doha Qatar

Tel: 097444521666

Fax: 097444363812

D.2 Organization Description

MZ & PARTNERS - QATAR have the pleasure to introduce ourselves as one of the leading architectural and engineering consultancy firms in the middle-east, specializing in providing a wide range of consultancy services for the construction industry (our PRODUCT).

MZ & PARTNERS – QATAR, foreseeing Qatar's requisite for innovative modern architectural design, is at the forefront among its competitors in satisfying a wide range of Clients by producing exclusive tailor-made design concepts to meet individual Client requirements.

Since its establishment as an architectural and design office, the efficiency in achieving successful designs necessitated the establishment of the following consultancy services:

- Architectural Design Department
- Structural Design Department
- Electrical Design Department
- Mechanical Design Department
- Supervision Department
- Project Management Department
- Tendering/Contracts Department

All the above departments are formed and backed up by teams of Senior Architects, Designers, Structural Engineers, Civil Engineers, Electrical Engineers, Mechanical Engineers, Project Managers, Project Engineers, Contract Engineers, and a superior Management team headed by our Managing Director, Fawzi Ismail, that develops business opportunities, coordinators and assures the best are provided to our esteemed client at all times.

Our proven record of exceptional modern design covers a variety of residential, commercial, hospitality towers and buildings, educational facilities, compounds, sports facilities, entertainment outlets, etc. all on a turnkey basis as well our support to developers and the construction industry by providing them value engineering and technical support services.

F. Quality Policy

We, at MZ&PARTNERS - QATAR are committed to a Quality Policy of achieving profitable growth by providing Consulting Engineering and Management Services that consistently satisfy our customers' expectations on Quality, Reliability and Safety.

Our Quality Policy is deeply rooted in our Commitment to the following:

- Identifying and confirming the requirements of our customers;
- Improving customer satisfaction by providing our customers with high quality services in a quick, efficient, and accurate manner;
- Establishing clear communication with our customers and efficient follow-up on work progress to facilitate timely completion of projects;
- Monitoring and reviewing the processes and the provided services;
- Identifying potential errors and implementing the necessary actions to eliminate them;
- Collaborating with our sub-consultants and suppliers in delivering the services that are in line with MZP quality policies and philosophy;
- Providing employment and career growth to talented individuals who serve our customers;
- Ensuring that the work environment is comfortable to all our personnel;
- Seeking to continuously improve the services provided by MZ&PARTNERS- QATAR;
- Achieving and maintaining a standard of excellence in the operation of our business based on ISO 9001/2015 principles;

The quality of our products and services is of utmost importance to the future of MZ&PARTNERS - QATAR; consequently, all our employees are working to achieve, contribute and improve our management policies, quality levels and technical capabilities. We are committed to provide all the necessary resources in accordance with the requirements of ISO 9001: 2015.

To maintain our commitment to the highest level of quality service delivery, the Quality Policy will be reviewed annually and monitored by planned audits and management reviews.

Managing Director: _____

Date: September 30, 2018

G. About the Manual**Introduction**

MZP has made the "Strategic Business Decision" to develop and implement an effective Quality Management Systems (QMS) across all departments of the Company.

The implementation of the QMS is intended to improve and sustain the overall performance of our business, products and services.

Examples of the benefits include:

- The ability to consistently provide products and services that meet customer and applicable Statutory and Regulatory requirements;
- The ability to plan our processes and their interactions by employing the Plan-Do-Check-Act (PDCA) cycle and risk-based thinking in our daily operations/activities;
- The facilitation of opportunities to enhance customer satisfaction;
- Addressing risks and opportunities associated with its context and objectives;

The QMS Manual is considered to be the normative basis of reference to the International Standard and shall be used internally to provide an overview of ISO 9001:2015 requirements and how they apply at MZ&PARTNERS - QATAR.

The QMS Manual is used externally to introduce the elements of the QMS to the customers and other external organizations to the extent necessary.

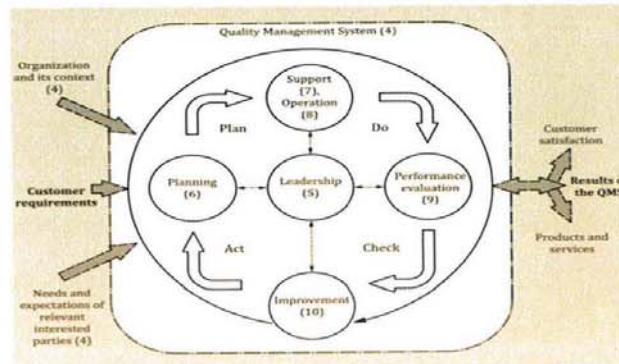
H. Quality Management Principles

MZP has adopted and realized the benefits of Quality Management Principles into our daily activities. The intent of the Quality Management Principles is to provide a foundation to continually improve the Company's performance. Subsequent sections of the QMS Manual will provide our commitments for the following QMP elements:

- Customer focus;
- Leadership;
- Communications and the engagement of our people;
- Process approach;
- Improvement;
- Risk & opportunity as well as evidence-based decision making;
- Relationship management;

Process Approach MZ&PARTNERS - QATAR has adopted the "Process Approach" into the daily operations including the PDCA Cycle. We have considered the utilization of Risk-Based Thinking Philosophy when developing, implementing, and improving the effectiveness of our Quality Management System. This approach will enable MZP to enhance the overall performance of the Company by effectively controlling the interrelationships and the interdependencies among the QMS processes. The implementation of the "Process Approach" in our QMS enables;

- The understanding and consistency in achieving customer specific requirements;
- The consideration of our processes in terms of added value;
- The achievement of effective process performance;
- Improvement of our processes based on the evaluation of data and information;



I. Risk-Based Thinking

The implementation of risk-based thinking is an essential tool for achieving and maintaining an effective QMS. MZ&PARTNERS - QATAR effectively plans and implements various actions to address risks and opportunities to maximize the outcomes including, but not limited to achieving improved results and preventing negative effects of our products, services and QMS.

1. Scope

MZ&PARTNERS - QATAR scope of registration is "Consulting Engineering and Management Services (Architectural, Civil, Structural, Mechanical, Electrical, Plumbing, Interior Decoration & Supervision) of Building & Infrastructure of all types"

This Manual applies to MZ&PARTNERS - QATAR head office and operations sites throughout Job/Project lifecycle.

2. Applicable Standards

The design of the manual and its headings are as those of ISO 9001: 2015 for ease of references. The manual defines:

- The management policies and processes with respect to Quality Assurance procedures which outline the controls of the various processes of the Quality Management Systems and formats to be used to ensure uniformity within the organization;
- It also acts as a reference document against which the practices and procedures can be audited both internally and by customers/certification bodies enabling corrective action to be taken when non-conformance or inadequacy is found;

3. Terms and Definitions

Copies of this manual (uncontrolled) are available to customers/ clients for information purpose. It is however the company policy that the detailed procedures / instructions by which the quality management system is implemented are confidential documents. They are not generally submitted to customer for review.

The procedures are available at company premises for customers' representatives to carry out evaluation/ audit, customers' surveillance or inspection and test on which they may be employed.

All changes, additions or alterations to this manual, must be addressed to the Management Representative or Quality Manager. If the change, addition or alteration is approved by the management, then the relevant changes will be made in the manual. The change will be recorded in the Revision Register of each controlled copy. All keepers of controlled copies are notified of the change and their manuals are also amended.

4. Context of the Organization

4.1 Understanding the organization and its context

To efficiently and effectively perform their jobs, employees must have a clear understanding of their roles and responsibilities within their organization and the existing documented quality management system and how their efforts contribute to the achievement of the goals and quality objectives.

The management team of MZ&PARTNERS - QATAR includes the Managing Director and Departments Directors (Architectural, Structural, Mechanical, Electrical and Supervision) as well as the Managers of support departments namely QS, Contracts, Quality, Finance, IT, Administration and Human Resources. A Functional Description is written to thoroughly clarify roles and responsibilities of each Function or Department.

4.2 Understanding the needs and expectations of interested parties

MZ&PARTNERS - QATAR priority is to provide services that meet customer and applicable statutory and regulatory requirements, by determining the interested parties who are relevant to the quality management system.

4.3 Determining the scope of the quality management system

The Quality Management System applies to MZP's head office and operations sites throughout Job/Project lifecycle including: Design, Design Review, Project Supervision and Management.

MZP considers all the local required approvals according to the Qatari Law.

4.4 Quality management system and its processes

4.4.1 MZP has adopted 'Process Approach' in implementing the management system. Process maps created at the corporate and operational levels are utilized in understanding and communicating activities and responsibilities of the management system. Critical processes are interlinked and their interaction monitored and reviewed per the organizational objectives in support of the quality policy and ultimately to achieve and sustain customer satisfaction.

All critical business processes are carried out under controlled conditions, which includes, appropriate documentation of the process and service, use of suitable facilities and technologies, the availability and use of monitoring tools, use of planned schedules, procedures and work flows.

The function/department that owns the process is responsible for determining the level of documentation necessary for the control of the process. Factors such as size and complexity of the process and competence of the personnel should be considered in this decision.

The process owners are responsible for ensuring that the documentation is current, that it is accessible at points of use, that it accurately reflects the process requirements, and that the processes are effectively implemented. Function/department management is responsible for ensuring that their employees are knowledgeable of and compliant to those set standards and that those processes meet all quality management system requirements described in this manual and any associated addendums.

4.4.2 It is the responsibility of the Management Representative and Department Directors/Managers to ensure that the activities/processes included in the scope of this Management System are identified and are performed in compliance with ISO 9001:2015 system requirements.

- It is the responsibility of the Management Representative and Department Directors/Managers to ensure that the sequence and interaction of processes or activities of this Quality Management System are determined in a suitable manner, utilizing tools such as Functional Descriptions, Process Descriptions, Flow Charts, etc.;
- It is the responsibility of the Management Representative and Department Directors/Managers to verify that established processes/activities and their implemented controls are effective;
- It is the responsibility of the Managing Director, the Management Representative and the Department Directors/Managers to ensure that the necessary human and material resources, as well as the necessary information, are available to ensure the effective operation and control of the processes of the Quality Management System;
- It is the responsibility of the Management Representative and Department Directors/Managers Heads to ensure that the processes / activities which are part of the Management System are monitored, measured and analyzed regarding their achievement of planned results;
- As required, the Management Representative and Department Directors/Managers ensure that action is taken to obtain expected results of processes/activities, as well as the continual improvement of these processes/activities;

5. Leadership

5.1 Leadership and commitment:

5.1.1 General

The management of MZP is committed to the development, implementation and optimum functioning of the Quality Management System and the continual improvement of its effectiveness.

All Directors/Managers are responsible for communication of business plans and organizational goals within their respective functions/departments and provide feedback on the performance and effectiveness of the quality management system.

To provide this evidence, the Managing Director ensures that:

- A corporate Quality Policy is established;
- Quality objectives are established by selected departments based on the company business plan and continuous measurements of Performance Metrics.
- Resources for the implementation and maintenance of the Quality Management System and their processes are provided in a timely manner;
- Quarterly, or as required, Management Review Meetings are conducted to evaluate functional performance against quality and performance objectives and to verify the effectiveness, efficiency and proper functioning of all Functions and the Quality Management System processes;

5.1.2 Customer Focus

Senior Management has the responsibility and authority to supporting development and implementation of the Quality Management System, for ensuring that it remains as an effective tool to achieve company objectives and satisfy the needs and expectations of MZP valuable Clients and Partners, and fosters a continual improvement environment.

5.2 Quality Policy

Senior Management is responsible for ensuring that the Quality Policy is appropriate for the goals of the corporation, that it promotes the continuing improvement of the effectiveness of the quality management system and that it is reviewed for continuing suitability.

The Managing Director and Directors/Managers are responsible for communicating the Quality Policy and the importance of meeting customer as well as statutory and regulatory requirements to employees within their respective functions/departments. They shall ensure that they understood and applied to the daily work of the organization through the establishment of goals and quality objectives.

5.3 Responsibility, authority and communication**Responsibility and Authority:**

Internal communication, participation and sharing of information on performance and effectiveness of the Quality Management System are essential to continuous improvement. Internal Audit Reports, Performance Reports, Corrective & Preventive Action Requests, and Management Review Meeting Minutes are sample tools serving this purpose.

Complementary, all the staff that is involved in the Quality Management System is authorized by the top management to update and maintain all Functional Descriptions and Process Descriptions of MZP. Updated electronic copies of Functional and Process Descriptions, and other QMS documents including this manual, should be communicated to Department Directors/Managers and are made available to all MZP employees through the file sharing server or other accepted means.

6. Planning

6.1 Actions to address risks and opportunities

6.1.1 When planning for the quality management system, MZP Company shall consider the issues referred to in 4.1 and the requirements referred to in 4.2 and determine the risks and opportunities that need to be addressed to:

- Give assurance that the quality management system can achieve its intended result(s);
- Enhance desirable effects;
- Prevent, or reduce, undesired effects;
- Achieve improvement;

6.2 Quality Objectives

6.2.1 Overall quality Objectives and department / functional Quality objectives are established to meet services requirements.

- In the framework of strategic planning and quality policy of the company, Senior management determines the quality objectives;
- The senior management of the company periodically measures the achievement of these objectives and display the results during the management reviews;
- The senior management of the MZP identifies the reasons for not achieving the quality objectives (if any) utilizing study and analysis tools on the reasons with relevant departments of the company;
- The senior management of MZP when setting new goals for quality should take into account the following considerations:
 - Current and future needs of the MZP and marketing opportunities available;
 - Results of management reviews meeting;
 - The resources required to achieve these objectives;
 - The results of self-evaluation and internal audits and external audits;
 - The level of customer satisfaction for the products and services provided to them;
 - The current performance of the operations and services;
 - The successful experiences of similar companies locally and globally;

- The senior management of MZP identifies responsibilities at all levels and the role of each individual in achieving these goals;
- The senior management of MZP shall periodically review and update these targets (where required) during the management reviews to verify that these goals, particularly on the requirements of achieving the services have been identified accurately;

6.2.2 Where appropriate, management representatives have been designated to facilitate implementation of the quality management system, represent the needs of our customers in addressing their requirements as well as the requirements of applicable International and National Standards, and to assess and report on the performance of the quality management system.

Using input from assessments, as well as other quality and business performance data, management and/or their representatives conduct periodic reviews to ensure that the quality management system has been effectively implemented, that it continues to support the Quality Policy of MZP, and that it meets the needs of the customers and the requirements of the standards on which the quality management system is based. Records are maintained to demonstrate conformance to these requirements.

6.3 Planning of changes

If there are any changes to the QMS, MZP will consider these changes in accordance with the document control procedures and will clarify the resources and responsibilities needed for this purpose.

7. Support**7.1 Resources****7.1.1 General**

Management ensures that resources needed for effective and efficient operation of different functions are available at timely manner.

7.1.2 People

The Recruitment Process ensures that all MZP employees are hired based on their qualifications to perform specific job duties and responsibilities defined in Job Descriptions. Department Directors/Managers are to identify requirements and qualifications of personnel to perform activities that affect the quality of products and services.

MZP utilizes Training Process for providing employees with skills needed to perform their job functions and ensure competence of personnel performing work affecting service quality and client satisfaction. Competence is determined on the basis of the employee's education, training, skills, loyalty and experience. The effectiveness of training is periodically assessed and records of training are maintained.

It is the responsibility of the Administration Manager and Human Resources Manager to develop and maintain Organization Chart and Job Description Manual of MZP. Updated Charts and Job Descriptions should be communicated to Department Directors/Managers and should be available to all MZP employees.

7.1.3 Infrastructure

MZP strives to acquire and maintain high value infrastructure to enable its people to reach their highest potential. Proper purchasing and Customer Service processes were developed for this purpose.

7.1.4 Work environment

In addition to implementation of strict physical hazard protection and safety procedures, MZP maintains employees' commitment to the highest level of integrity and work ethics through executive management role model and leadership.

7.1.5 Monitoring and measuring resources

Department Directors/Managers ensure that the qualification requirements (such as education, skills, training, experience) for each job are identified, determined and documented in job descriptions.

Evaluation of performance will be implemented to ensure the resources are conforming to the requirements.

7.1.6 Organizational knowledge

MZP will determine the knowledge necessary for the operation of its processes and to achieve conformity of products and services.

Employees are made aware of the importance and the impact of their work in relation to product quality, to the achievement of quality objectives and customer satisfaction. Records of employees' education, experience and other qualifications are maintained.

7.2 Competence

MZP determines the necessary competence of employee of that affects the performance and effectiveness of the quality management system;

Training is provided to employees or other actions are taken in order to meet defined qualification requirements. The effectiveness of provided training or of related actions is evaluated.

Evaluation of performance will be implemented to insure the resources according to the requirements.

7.3 Awareness

MZP will carry out regular awareness programmes for the employees to ensure they are working under the organization's quality policy; relevant quality objectives; and their effectiveness

7.4 Communication

MZP will determine the internal and external communications relevant to the quality management system, including:

- What it will communicate;
- When to communicate;
- With whom to communicate;
- How to communicate;
- Who communicates;

7.5 Documented information**7.5.1 General**

This System Manual is prepared to meet our business needs as well as applicable International and National Standards including ISO 9001:2015. It is supported by Functional Descriptions and Process Descriptions that define specific activities needed to implement and maintain the quality management system and achieve quality objectives.

When needed, Individual MZP projects may create an addendum to this quality manual that describes how the quality management system is implemented to satisfy custom project and/or client needs. All MZP QMS Documents have unique title and identification code.

It is the responsibility of the Department Heads to develop and communicate documented procedures and any other documents related to their owned processes or departments, and to ensure the effective implementation, control and functioning of the Management System within the scope defined in "Roles & Responsibilities" and "Process Ownership" sections of their Functional Description and Job Descriptions.

7.5.2 Creating and updating

When creating and updating documented information, MZP will follow the editing procedures and shall ensure appropriate:

- Identification and description;
- Format;
- Review and approval for suitability and adequacy;

7.5.3 Control of documented information

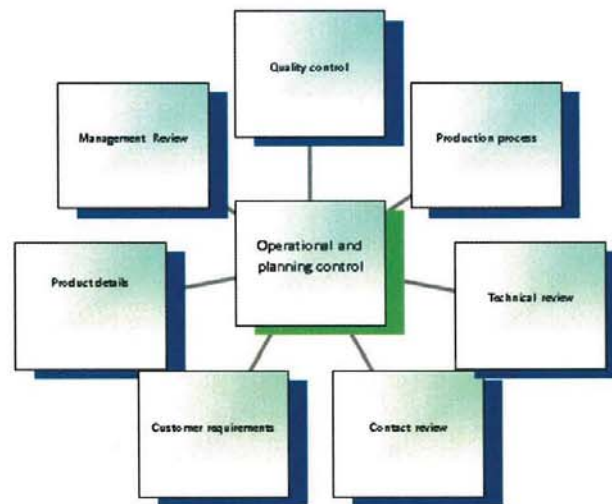
MZP has developed Management System Documents' Control Process to control QMS documents' issuance and updating. Moreover, Records Control Process and Records Control Instructions are integrated into each Process Description.

The increased need for team collaboration and information sharing was early recognized in MZP. The valuable offering of electronic data sharing and accessibility control has convinced MZP to utilize file sharing server to improve accuracy and reliability of Quality Management System document control activities.

8. Operation

8.1 Operational planning and control

The quality of planning activities is an integral part of MZP's formula to success. MZP's individual function/department takes responsibility of defining how quality requirements will be met. This concept is reflected throughout all Quality Management System documents starting from Roles Definition in Functional Descriptions to different Process Descriptions such as Estimating Process; Designing process, and Project Supervision and Management Process are examples.



Quality planning activities may include:

- Identification of client specific requirements;
- Identification of critical service or process characteristics to meet client requirements;
- Preparation of control plans and associated process monitors;
- Identification and acquisition of resources;
- Control of critical information and to preclude unintended use;
- Definition and management of key organizational interfaces;
- Verification of the compatibility of new services with process and test capabilities;
- Development of new monitoring and assessment capabilities;
- Development of statistical tools and techniques;
- Definition of acceptance criteria for key critical service or process characteristics;
- Consideration of operations safety during the Construction Phase of projects;
- The identification and preparation of quality records;
- Preparation of contingency plans to protect our client's and our business interests;
- Monitoring of the work environment;
- Maintenance of the cleanliness and organization of all MZP premises and remote sites;
- Identification of sources for feedback on the performance of critical processes;

8.2 Requirements for products and services

8.2.1 Customer communication

As a customer focused organization, MZP has developed several processes to communicate effectively with its clients and receive their feedback.

8.2.2 Determining the requirements for products and services

Client requirements and other documents of external origin received by MZP, are reviewed, and where necessary, implemented in a timely manner. According to project details and scope MZP thoroughly reviews client requirements prior to accepting assignments or making changes to existing ones.

This process includes, as appropriate:

- Determination that the customer's requirements are clearly defined;
- An assessment of MZP's ability to meet the client's needs;
- Decisions regarding price and service delivery;
- Negotiation and agreement with the client on requirements, specifications, scope of work, and pricing;
- Modification of standard work procedures and process flows and creation of special standards to meet client requirements;
- Assessment and provisions for confidentiality;

8.2.3 Review of the requirements for products and services

8.2.3.1 MZP will ensure that it has the ability to meet the requirements for products and services to be offered to customers.

MZP will also review the requirements specified by the customer and requirements not stated by the customer, also statutory and regulatory requirements applicable to the services;

8.2.4 Changes to requirements for products and services

MZP will ensure the changed requirements, when the scope of services is changed.

8.3 Design and development of products and services

8.3.1 General

MZP plans and controls design and development of the product. Design and development plans include or reference, as a minimum:

- Stages of the design and development process;
- Required review, verification and validation activities;
- Health and Safety;
- Testability;

- Dependability;
- Durability;
- Ergonomics;
- The environment;
- Risks;

Interfaces between different groups involved in design and development are managed to ensure effective communication and clarity of responsibilities.

8.3.2 Design and development planning

The requirements to be met by the product are defined and recorded. These include:

- Customer or marketplace needs and expectations
- Applicable regulatory and legal requirements;
- Applicable environmental regulations;
- User input to achieve robust design and development;
- International or national standards;
- Industry codes of practice;

8.3.3 Design and development inputs

The outputs of the design and development process are recorded in a format that enables verification against input requirements.

Design and development inputs:

- Meet the design and development input requirements;
- Contain or make reference to design and development acceptance criteria;
- Defines the characteristics of the product that are essential to safe and proper use including operation, installation and application;

Design and development outputs are reviewed against inputs to provide objective evidence that outputs have effectively and efficiently met the requirements of the process and product.

8.3.4 Design and development controls

At suitable stages of the design and development process, systematic reviews of the process results are conducted to ensure:

- The capability to fulfill requirements for quality;
- The identification of problems, if any, and propose development of solutions;

Participants in the design review process include representatives of functions concerned with the design stage being reviewed.

The results of the design reviews and subsequent follow-up actions are recorded.

8.3.5 Design and development outputs

Design and development validation is performed to confirm that resultant product is capable of meeting the particular requirements for a specific intended customer use.

Wherever applicable, validation is defined, planned and completed prior to the delivery of the product. Where it is impossible to undertake full validation prior to delivery, partial validation of the design or development outputs are undertaken to the maximum extent practical.

The results of the validation and subsequent follow-up actions are recorded.

8.3.6 Design and development changes

Design and development changes or modifications are approved by authorized personnel and recorded before implementation.

MZP determines the effect of changes on:

- The interaction between the elements of the design and/or development;
- The interaction between the component parts of the resulting product;
- Existing products and upon post-delivery product operation;
- The need for carrying out re-verification or re-validation for all or part of the design and/or development outputs;

The results of the review of changes and subsequent follow-up actions are recorded;

8.5 Production and service provision

8.5.1 Control of production and service provision

MZP plans and implements production and service provision under controlled conditions and as required by the job specific requirements. Examples of the controls include:

- Availability of information that define characteristics and results to be achieved;
- Availability of competent and effectively trained personnel and adequate equipment;
- Availability and use of suitable monitoring and measuring devices and resources;
- Evidence that all production and inspection/review operations have been completed as planned;

Production procedures, job travelers, inspection/review plans, and other documents deemed necessary, define the acceptance for production and service operations. The plans provide detailed instruction and guidance for all production and service phases including the methods and equipment to be used and workmanship criteria. Records for each job number of product produced provide/project unique traceability and identify the quantity manufactured and released for delivery. This record is maintained as required by customer contract requirements.

8.5.2 Identification and traceability

MZP identifies products by suitable means throughout production. Marking methods will be described in the applicable operations procedures for relevant departments. Where traceability is a requirement, the Company controls and records the unique identification of the outputs. According to the level of traceability required by contract, regulatory or other established requirement, our procedures provides for:

- Identification to be maintained throughout the processes including delivery and post-delivery;

- Identification of sub-components;

8.5.3 Property belonging to customers or external providers

MZP will exercise full care to protect clients' physical or intellectual properties and comply with contractual requirements where applicable. This includes identification, verification, recording, safeguarding and reporting of clients' property provided for use or incorporation into product.

8.5.4 Preservation

MZP preserves the conformity of products during internal processing and delivery to the intended destination including outside services. Procedures include instructions for identification and protection. Preservation of outputs also includes, where applicable:

- Cleaning;
- Prevention, detection and removal of irrelevant items;
- Special handling for sensitive outputs;
- Marking and labeling including safety warnings;
- Special handling for critical items;

The shipping department ensures that documents required by the contract/order to accompany the product are present at delivery and are protected against loss and deterioration.

8.5.6 Control of changes

MZP shall review and control changes for production or service operations to the extent necessary to ensure continuing conformity of customer or internal requirements. Changes for production may be initiated as a result of:

- Modernization based on the context of the organization analysis results;
- Needs of interested parties, or customer feedback;
- Production department when vulnerability is detected and (or) opportunities for improvement are identified;

Management reviews and monitors changes that affect production or outside services and any necessary actions arising from the review are maintained in accordance with applicable procedures.

Change documentation and information should be distributed and controlled. Records of results are kept for the review

8.6 Release of products and services

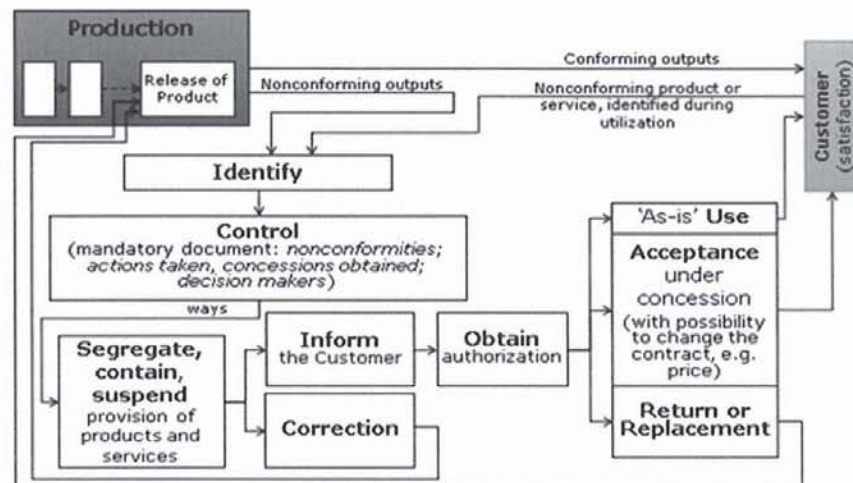
MZP will implement planned arrangements, at appropriate stages, to verify that the product requirements have been met.

To release the products, they must be approved by the relevant authority and, as applicable, by the customer.

Evidence of conformity with the acceptance criteria should be obtained.

8.7 Control of nonconforming outputs

MZP has developed a process for handling nonconforming products to ensure that appropriate actions are taken.



9. Performance evaluation**9.1 Monitoring, measurement, analysis and evaluation****9.1.1 General**

The planning, coordination and control of activities for continual improvement is the responsibility of Department Heads and their staff. Measurement and Analysis for Continual improvement activities include - but not limited to - the following:

- KPIs Measurement against Performance Objectives (e.g. functional performance report);
- Monitoring and Evaluation of Suppliers' Performance;
- Quality Audit Reports;
- Client Feedback/Satisfaction measurement;
- Quality improvement initiatives;
- Corrective Action and Preventive Action Requests (CAPAs);

During Management Reviews, the effectiveness of continual improvement efforts is reviewed and opportunities for improvement are identified.

It is the responsibility of each process owner to detect and eliminate any deficiencies produced within process scope and take appropriate corrective/preventive action(s).

9.1.2 Customer satisfaction

Periodic client satisfaction surveys are conducted by MZP to verify if customer satisfaction has been achieved. Survey results, which include categorized Client feedback, are analyzed and evaluated for continuous improvement.

9.1.3 Analysis and evaluation

MZP uses concepts and tools of Performance Management including definition of performance objectives and continuous measurement of performance metrics. Analysis of data is essential to planning, resource allocation, and prioritization activities. In Addition, performance reports are used to collectively represent analysis of operational data to identify obstacles and provide a basis for recommendations and improvements opportunities.

9.2 Internal audit

Periodical internal and external management system audits are utilized by all MZP's functions/departments Directors/Managers to ensure compliance to stated requirements, the effective implementation and operation of the quality management system, and the identification of opportunities for continual improvement (see Internal Audit Process).

System Audits are scheduled according to historical records and the criticality of the processes and are performed by qualified personnel independent from the area being assessed.

Results of System Audits are documented and any corrective or preventive action requests are re-audited to verify effective implementation. Assessment results form part of the management review.

Monitoring and measurement of processes

As part of our commitment to continuous improvement, MZP has included acceptance criteria and performance metrics and requires its staff to continuously measure and report on these metrics. Performance Reports provide good example of this exercise.

Monitoring and measurement of product

MZP has excised full care in selection and placement of design process and developed number a large number of documented processes accordingly.

9.3 Management review

9.3.1 General

MZP executive management leads the implementation and operation of the quality management system through the utilization of the management review process. Information from operations, clients, and the marketplace is used by executive management during the Management Review process to review the effectiveness of the entire Quality Management System and set performance objectives for each function/department. Executive management periodically reviews these objectives for continuing suitability.

This information is also utilized in organizational goals and objectives which are documented in Management Review Meeting Minutes.

Performance Metrics are defined for key processes and are used to monitor ongoing progress to achieve both business and quality objectives, identify critical issues, evaluate improvement initiatives, measure cost of poor quality, and identify and prioritize opportunities for quality and productivity improvements.

Organizational resources are analyzed against business and quality objectives for suitability. Information extracted from client complaints, is also reviewed to identify areas where action may need to be taken to maintain client satisfaction, reduce or eliminate non-conformities and prevent potential problems from occurring.

The goals and objectives of the organization are analyzed to ensure that they align with client requirements. Client satisfaction and feedback measurement, using customer surveys, are used to ensure that improvements in internal performance measurements of the business processes are resulting in improved customer satisfaction.

Results of internal audits and the status of corrective and preventative actions are reviewed, including results of follow-up actions from previous management reviews. Competitive comparisons and/or benchmarks are used, when appropriate, to drive improvement activities.

10 Improvement**10.1 General**

MZP shall determine and select opportunities for improvement and implement any necessary actions to meet customer requirements and enhance customer satisfaction.

These shall include:

- Improving products and services to meet requirements as well as to address future needs and expectations;
- Correcting, preventing or reducing undesired effects;
- Improving the performance and effectiveness of the quality management system;

10.2 Nonconformity and corrective action

MZP works continually to improve performance across the company. MZP sustains the effectiveness of its management system through the use of the quality policy, performance/quality objectives, management system assessments, functional performance reporting and data analysis, corrective and preventive actions, and management review process.

When problems occur in a process, service quality, or when receiving a client complaint, responsible employees shall take immediate and appropriate corrective and/or preventive action according to Corrective and Preventive Actions Process. The process is clearly defined and communicated to promptly guide concerned Process Owners who have the responsibility and authority for taking corrective or preventive actions whenever a service or a process tend to or become noncompliant with specified requirements.

Corrective action includes:

- Documenting the problem;
- Where possible, preventing any additional nonconformities from being produced;
- Investigating the cause of the problem and recording the results of the investigation;
- Utilizing problem solving and error proofing methods to define corrective actions;
- Defining, documenting, and implementing the appropriate corrective actions;
- Verifying that the corrective action is effective in eliminating the problem and preventing its recurrence;
- Promptly inform senior management of any issues that they are unable to resolve;

Additionally, data and information from all sources of service and process problems are periodically analyzed to identify areas where action may be needed to prevent potential problems from occurring. Appropriate actions are taken to initiate preventive actions and to ensure they are effective. Corrective and preventive actions are included in the management review process. Records are maintained to demonstrate conformance to these requirements.

10.3 Continual improvement

MZP will continually improve the suitability, adequacy and effectiveness of the quality management system and will consider the results of analysis and evaluation, and the outputs from management review, to determine if there are needs or opportunities that shall be addressed as part of continual improvement.

-End-

12. PROJECTS PERSPECTIVES



New Kahramaa Tower at Lusail : 5B+G+M+29 Floors



Al Mana Commercial & Residential Tower at Corniche : 6B+G+56 Floors



Al Bandy Hotel at Dafna : 3B+G+30 Floors



MZP
WLL
DECEMBER 2012

Brooq Residential Tower at West Bay : 3B+G+M+43 Floors

TEL. +974 44521666 FAX +974 44363812 PO BOX: 5785 Email: info@mzandpartners.com Website: www.mzandpartners.com



New Lexus Showroom at C-Ring Road : 4B+G+2 Floors

TEL. +974 44521666 FAX +974 44363812 PO BOX: 5785 Email: info@mzandpartners.com Website: www.mzandpartners.com



Foxhills Hotel and Residential Buildings at Lusail



Vendome Mall at Lusail



Doha Oasis Mixed Use Development



JW Marriott Hotel at West Bay : 2B+G+56 Floors



MZP
WLL

MARINA COM/20
3B + G + 27

Office Tower Marina Com_20 at Lusail : 3B+G+27 Floors



MZP
WLL

AL MAJID TOWER
2B+G+24 @ MARINA - RES 023

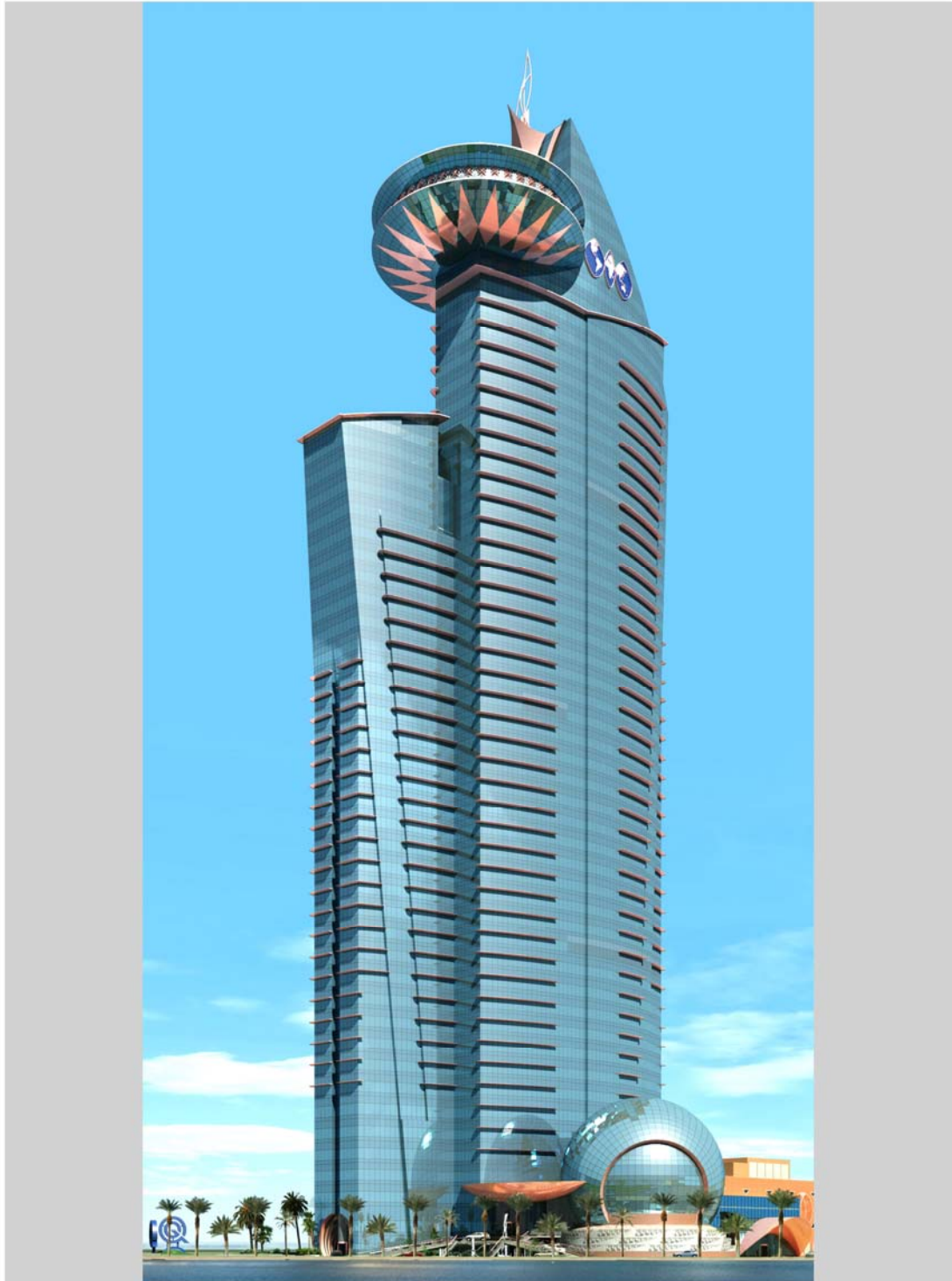
Al Majid Residential Tower at Lusail : 2B+G+24 Floors



Curve Hotel Tower at Dafna : 2B+G+25 Floors



Moزون 4 Towers : 5B+G+25 Oberoi Hotel & Serviced Apartments;
5B+G+32 Renaissance & Courtyard Hotel; 5B+G+36 Moزون Apartments;
5B+G+45 Marriott Executive Apartments & Residence Inn Apartments



WORLD TRADE CENTER.
Corniche Avenue. Doha – QATAR.

QATAR GENERAL INSURANCE & RE-INSURANCE COMPANY.

World Trade Centre at Corniche : 50 Floors

TEL. +974 44521666 FAX +974 44363812 PO BOX: 5785 Email: info@mzandpartners.com Website: www.mzandpartners.com





Al Dana Office Tower at Dafna : 2B+G+27 Floors



Abdulghani Commercial Tower at Dafna : 2B+G+29 Floors



MOON

SHK. KHALID NASSER HAMAD ABDULLAH AL-THANI
RESIDENTIAL TOWER (B+G+25) MR. IBRAHIM AL ASMAKH

MZ&PARTNERS

Regency Residential Tower at Dafna : 2B+G+25 Floors



MZ & PARTNERS
ARCHITECTURAL & ENGINEERING CONSULTANCY

RESIDENTIAL TOWER FOR Mr. KHALED AL-MISNAD

DOHA-QATAR | 2006

Sara Residential Tower at Dafna (Furnished Apartments) : 2B+G+31 Floors



400N

LOTUS TOWER

MZ&PARTNERS

Lotus Office Tower at Dafna : 2B+G+25 Floors



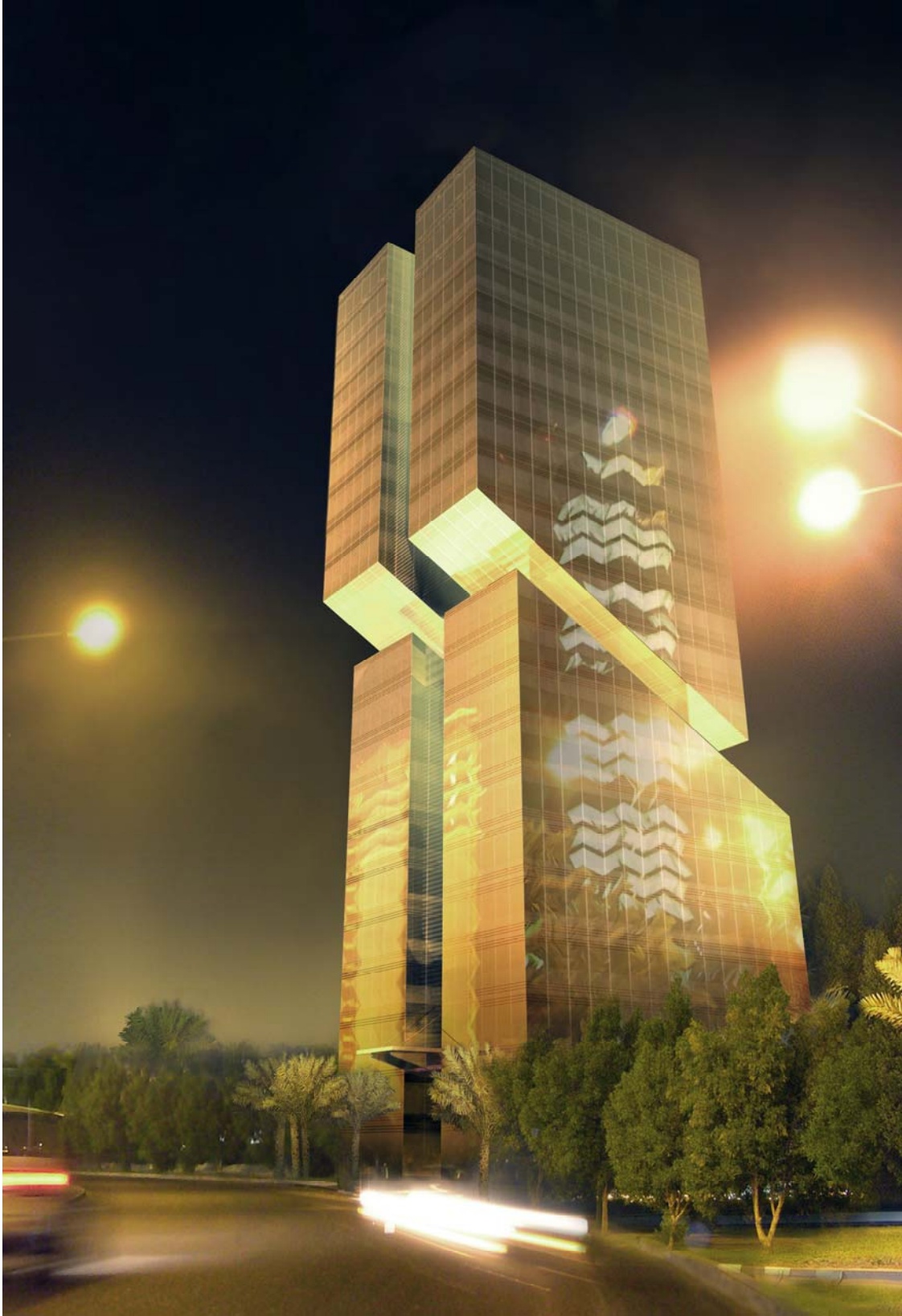
Ezdan Residential Towers at Dafna : 3nos. 36 Floors and 1no. 40 Floors



Twin Palm Office Towers at Dafna : 2B+G+57 Floors & 12 Car Parking Floors



Diplomat Office Tower at Dafna : 2B+G+27 Floors



Golden Bay Office Tower at Dafna : B+G+15 Floors



West Bay Residential Tower at Dafna : 2B+G+44 Floors



Al Okar Residential Tower at Dafna : 2B+G+31 Floors



M Tower Furnished Apartments at Dafna : B+G+25 Floors

TEL. +974 44521666 FAX +974 44363812 PO BOX: 5785 Email: info@mzandpartners.com Website: www.mzandpartners.com



ISO 9001:2008



0603-1



2004
MZ&PARTNERS

2B+G+36 RESIDENTIAL TOWER
Dr SHK. JASSEM BIN NASSER
LOCATION :NEW DOHA AREA

Al Jazeera Office Tower at Dafna : 2B+G+36 Floors



Navigation Office Tower at Dafna : B+G+50 Floors



MOON

AL JAIDAH HOTEL & FURNISHED APARTMENTS TOWER

DOHA-QATAR

MZ&PARTNERS

'W' Hotel at Dafna : B+G+27 Floors



وقفة الفهد
إشراف وإدارة جمعية قطر الخيرية

MZ&PARTNERS

Fahed Al Khater Tower at Dafna : 2B+G+54 Floors

























PROPOSED 6 VILLA COMPOUND AT WEST BAY LAGOON - DOHA QATAR
FOR JASSIM AL MOSALLAM **MZ&PARTNERS**











13. CLIENTS' REFERENCES

Date: 22nd March 2011
Ref: DB/ED/HQ/26/11


To M/s. MZ & Partner
Fax: (44363812)
P.O. Box: (5785)
Doha – Qatar
Att. Mr. Waleed Hussain,

Project: Doha Bank New Headquarters at West Bay
Subject: To Whom it May Concern

We the undersigned hereby confirm that M/s. MZ & PARTNERS ARCHITECTURAL AND ENGINEERING CONSULTANCY, has carried out the Supervision Services and the necessary Design services, for Doha Bank Head Quarter Building to our full satisfaction with respect to Quality, Cost & Time and look forward to appoint them on any of our future projects.

Best Regards

Yours faithfully
For DOHA BANK


Engineer Fadi Shoughry



شركة حمد بن خالد للمقاولات ذ.م.م.

شركة حمد بن خالد للمقاولات ذ.م.م.
Hamad Bin Khalid Contracting Company W.L.L.

HBK
Contracting Co. W.L.L.



To whom it may concern

We the undersigned hereby confirm that **M/s. MZ & PARTNERS ARCHITECTURAL AND ENGINEERING CONSULTANCY** have been involved with us providing Engineering Support Services in the following areas:

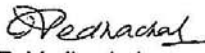
- Detailed Design Services in Design and Build Projects
- Value Engineering Services
- Temporary Structures
- Third Party Certification Services
- Shop and Fabrication Drawings

List of Projects

- GTC 220 – Mesaimeer RPS - Kahramaa
- GTC 275 – Al Shamal Pipeline - Kahramaa
- GTC 353 – Doha South RPS - Kahramaa
- Al Sadd Office Building (3B+G+M+19)
- A'Ayan Tower (B+G+M+45)
- Al Jazeera English Channel
- Ain Khalid Residential Compound (100 Villas)
- Umm Ghwailina Residential Building
- Umsaid Water Reservoir (Refurbishment)
- 1.6m Dia Pipe line in Ras Laffan (Structural Support to allow future excavation under the pipes) + Thrust forces supports
- Hilti Workshop (Structural Steel design for ground and first floor)

MZ & Partners has carried out the works to our full satisfaction with respect to Quality, Cost & Time and look forward to appoint them on any of our future projects.

Thank you,
For **HBK Contracting Co. W.L.L**


R. Vedhachalam
Chief Technical Officer

HBK Contracting Company W.L.L.
P.O.Box 1362, Doha - Qatar
C.R.No. 4223
Paid up Capital QR. 50,000,000.00

Tel. (+974) 44433644 /5 /6, 44433254
Fax. (+974) 44438729 / 44447917
www.hbkholding.com
e-mail: contracting@hbkholding.com



House of Issa Al-Jaber

P.O. BOX 5511 DOHA QATAR

January 17, 2011

RECOMMENDATION LETTER

We hereby confirm that MZ & PARTNERS ARCHITECTURAL AND ENGINEERING CONSULTANCY has successfully completed the pre-contract design services (Architectural, Structural, Electro-Mechanical Design) for Lotus Tower consisting of two Basements, Ground Floor and 25 Floors located at Dafna Area.

Thanking you.

Yours faithfully,


Pousuf Issa M. Al-Jaber

MZ&PARTNERS
Architectural & Engineering Consultancy W.L.L.



February 16,2011

To whom it may concern:

We hereby confirm that MZ & PARTNERS ARCHITECTURAL AND ENGINEERING CONSULTANCY has successfully completed the pre-contract services (Architectural, Structural, Electro-mechanical and Interior design) for a Luxurious Boutique Hotel, consisting of two basements, grounds and 19th floors located at Dafna Area.

Thanking you.

Sincerely yours,


Ibrahim Al Misnad Al Mohannadi
President



30th October 2016

To Whom It May Concern

Project: Al Maha Academy Extension at Ain Khalid

This is to inform the engagement of MZP, Architectural and Engineering Consultancy in Design and Statutory Approvals activities of the aforementioned project.

The project entails:

- Secondary Schools for Girls, 19100m², 72 Classrooms
- Secondary Schools for Boys, 14100m², 72 Classrooms
- Kindergarten School, 9400m², 30 Classrooms
- Staff Accommodation & Parking, 12800m², 45 units
- Central Plan & Facilities, 12000m²

The object is to deliver the highest quality and value of premises, durable, pleasant, performing buildings and installations.

We are confident of the end result.

Best Regards,

For / Artline R+M & Associates



Arch. Mojahed Shaaban

General Manager- Partner

TO WHOMSOEVER IT MAY CONCERN

This is to certify that, M/s. MZ P WLL, Architectural & Engineering Consultancy, P.O. Box.5785, Doha, Qatar, having their business address at Bin Mahmoud, Doha, Qatar, is associated with us as a service provider for Design and Engineering Consultancy Services in the Construction Sector for the past 10 years.

We had availed their valuable services to many of our projects in the pre-tender phase for value engineering measures such as, Qatari Diar Head Quarters in Lusail, Mall of Dilmunia in Bahrain, Mix 11 Langham Hotel in Lusail and for projects in post award phase for Third Party Review Services of detailed engineering and design, such as "Design and Build Commercial Terminals, Infrastructure and Buildings - Package NPP 0032" New Port, Mesaieed.

The quality of their services and their adherence to timeline for the deliverables are exemplary and we consider their association a value addition to our business processes.

This recognition letter is issued at their request for supporting their service credentials, without any liability to us whatsoever.

For Shapoorji Pallonji Qatar WLL



 Rajeev Kaul

**Vice President
(Qatar, Bahrain & Egypt)**



Shapoorji Pallonji Qatar W.L.L.

P.O. Box 22587, Al Emadi Financial Square, Bldg. 2, 1st Floor,
Office No.5, Al Muntazah, C-Ring Road, Doha- Qatar
(T) +974 4456 6024 (F) +974 4456 6025
Website: www.shapoorji.in, www.shapoorjipallonji150years.com



شاپورجي بالونجي قطر ذ.م.م

ص.ب: ٢٢٥٨٧، العمادي فينانشيال سكوير، مبنى رقم ٢، الطابق الأول،
مكتب رقم ٥، إشارات المنتزة، الدائري الثالث، الدوحة - قطر
(هاتف) +٩٧٤ ٤٤٥٦٦٠٢٤ - (فاكس) +٩٧٤ ٤٤٥٦٦٠٢٥
موقع الكتروني: www.shapoorji.in, www.shapoorjipallonji150years.com

TO WHOMSOEVER IT MAY CONCERN

We hereby confirm that MZ & Partners Architectural & Engineering Consultancy W.L.L. has successfully completed the Pre Contract (Architectural, Structural and Electromechanical Design) Design Consultancy Services for Barwa School at Amenity Zones for Barwa City Development Doha.

Further, we confirm that MZ & PARTNERS W.L.L. has carried out the works to our full satisfaction with respect to Quality, Cost & Time and look forward to appoint them on any of our future projects.

For Shapoorji Pallonji Qatar WLL



Rajeev Kaul
Vice President

Shapoorji Pallonji Qatar W.L.L.

P.O. Box 22587, Al Emadi Financial Square, Bldg. 2, 1st Floor,
Office No.5, Al Muntazah, C-Ring Road, Doha- Qatar
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شاپورجي بالونجي قطر ذ.م.م

ص.ب: ٢٢٥٨٧، العمادي فيننشال سكوير، مبني رقم ٢، الطابق الأول،
مكتب رقم ٥، إشارات المنتزة، الدائري الثالث، الدوحة - قطر
(هاتف) +٩٧٤ ٤٤٥٦٦٠٢٤ - (فاكس) +٩٧٤ ٤٤٥٦٦٠٢٥
موقع الكتروني: www.shapoorji.in, www.shapoorjipallonji150years.com



QATAR FERTILIZER COMPANY (S.A.Q.)

TELEFAX: (974) 44770712, PHONE: (974) 44228888

P.O. Box 50001, Messaieed, Qatar. E-mail: purchase@qafco.com.qa

COMPANY	: MZ&PARTNERS WLL
FAX NO.	: 44363812
ATTENTION	: MR. FAWZI ISMAIL /PH:44363813
FROM	: PALLAB MUKHERJEE - Head of Contracting & Procurement
FAX MSG.	:
DATE	: 23/04/15

Contractor Performance Report for orders evaluated during the period from 01/01/14 to 31/12/14

We acknowledge your contribution as a partner in our supply chain providing essential services which are required for our Maintenance, Repair and Operations.

The Company has evaluated your performance by measuring the degree of your effectiveness in meeting our following key performance parameters.

- * HSE Performance (Health safety and Environment performance)
- * Competence
- * Timely Completion
- * Quality
- * Cost
- * Your Employee Welfare

These parameters have been rated for each of the individual order(s) evaluated by the Company during the above period and your overall average rating score is 88 out of 100.

Accordingly you have been graded as under:

X Grade A ..Excellent	The service level during the review period is highly appreciated, and we expect you to maintain this performance in future.
Grade B Good	The performance, although commendable, requires review of the shortfalls and enhance your performance level.
Grade C Need Improvement	The performance was not meeting the desired Service levels. Necessary corrective actions to be initiated and personal attention required in future. Continuance of existing performance shall lead to a counselling / review meeting.
Grade D Cause For Concern	Your service level and performance is a cause for concern, and you are requested to immediately schedule a meeting with Purchase Section of the Company for a review, failing which we may be constrained not to send further enquiries.

Being a valuable partner in our supply chain, we urge upon you to improve your overall score, by improving your performance on each of the aforementioned parameters for all future orders.

This report is generated from our ERP system and does not require any signature.

For QATAR FERTILIZER COMPANY (S.A.Q.)

PALLAB MUKHERJEE
Head of Contracting & Procurement

Note: Please acknowledge receipt of this report and inform the improvement measures undertaken to:
purchase@qafco.com.qa

May 06,2012

To Whom It May Concern

Certificate of Acceptance of Works

This to certify that MZ & Partners in the role of engineering consultant for Architectural, Civil Works, and Electrical and Mechanical Works having carried out successfully design, supervision, testing, and commissioning of the following project.

- Ras Laffan Workshop Building and Infrastructure Works
Inclusive of for Power Supply Between Primary and
Consumer Substations and Associated Distribution Network
- Year 2008.

This serves as experience reference for them.


JOY G. BETTAH
General Manager (MEP)



May 06, 2012

To Whom It May Concern

Certificate of Acceptance of Works

This to certify that MZ & Partners in the role of engineering consultant for Architectural, Civil Works, and Electrical and Mechanical Works having carried out successfully design, supervision, testing, and commissioning of the following project.

- Qatargas HQ Building at QN Tower, Inclusive of Upgrading of Power Distribution for Data Center and Kitchen Facilities
- Year 2011/2012

This serves as experience reference for them.


JOY GAETIAH
General Manager (MEP.)



TO WHOM IT MAY CONCERN

PROJECT : LUSAIL DEVELOPMENT PRIMARY INFRASTRUCTURE CONSTRUCTION PACKAGE -2

SUBJECT : DESIGN, ENGINEERING & TECHNICAL SERVICES AND CONSULTANCY SERVICES FOR 66/11KV PRIMARY SUBSTATIONS

This is to certify that M/s MZ & Partners Architectural & Engineering Consultancy had successfully completed all the works for design, engineering & technical services and consultancy services for 66/11kv primary substations in accordance with the Client & Kahramaa requirements.

They had completed the design works within the stipulated time period, reviewed and approved by Kahramaa and also have found maintaining the quality of works satisfactorily.

We wish them all success in their future business.

This certification has been issued upon the request of the Design Sub-contractor without any liabilities towards the Main Contractor.

Client : Qatari Diar Real Estate Investment Company

Main Contractor : Al Jaber & Partners – Construction & Energy Projects W.L.L

Location : Lusail City

Yours faithfully,
for **AL JABER & PARTNERS – CONSTN. & ENERGY PROEJCTS (W.L.L)**



NASRY AHMED ABDULLAH
HEAD OF PROEJCTS DEPT.



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

شركة حمد بن خالد للمقاولات ذ.م.م.
Hamad Bin Khalid Contracting Company W.L.L.

HBK
Contracting Co. W.L.L.

Our Ref : 0005/13

Date : 01/01/2013

TO WHOM IT MAY CONCERN

We hereby confirm that MZ & Partners Architectural & Engineering Consultancy W.L.L. has successfully completed the following project :

- GTC 353/2010 – Design Works
- A'ayan Tower – Structural Redesign & Supervision
- Truck Inspection at Abu Samra
- Al Sadd Office Tower – Design Works
- HBK Additional Car parking
- GTC 220/2008 Mesaimmer RPS & Associated Pipelines (Design Services)

MZ & PARTNERS W.L.L. has carried out the works to our full satisfaction with respect to Quality, Cost & Time and look forward to appoint them on any of our future projects.

Thanking you,

Yours faithfully,
For HBK CONTRACTING CO. W.L.L.



Ali Bin Hamad Al-Thani
President



SH/ak

P.O.Box 1362, Doha , Qatar
Tel: (+974) 44451111
Fax: (+974) 44451000
C.R.No. : 4223
Paid up Capital QR. 50,000,000.00



e-mail: contracting@hbkholding.com
www.hbkholding.com

ص.ب: ١٣٦٢، الدوحة، قطر
تليفون: ٤٤٤٥١١١١ (+٩٧٤)
فاكس: ٤٤٤٥١٠٠٠ (+٩٧٤)
م.ب: ٤٢٢٣
رأس المال المنفوع: ٥٠,٠٠٠,٠٠٠.٠٠٠ ر.ق.



QATARI INVESTORS GROUP

Date: 6 January, 2013
Ref. CM/MTR/001/2013

To Whom It May Concern

We hereby confirm that MZ & Partners Architectural & Engineering Consultancy W.L.L. had successfully completed the Pre Contract (Architectural, Structural, Electromechanical) Design Consultancy Services and Post Contract (Project Management and Site Supervision) Consultancy Services for the project "West Bay 44 Residential Tower" consisting of (2) Basements, Ground Floor and (44) Floors located at West Bay.

MZ & Partners W.L.L. had carried out the works to our full satisfaction with respect to Quality, Cost & Time and look forward to appoint them on any of our future projects.

This certificate has been issued upon the request of MZ & PARTNERS W.L.L. without any liability to the issuing company, Qatari Investors Group (QIG)."

Abdulla Nasser Al Misnad
Chairman

مجموعة المستثمرين القطريين

Public Shares Holding Company, Capital Paid Qrs. 1,243,267,780 شركة مساهمة فطرية - قابضة
Tel : +974 4486 9798 / 4486 1926 - Fax: +974 4486 0976 - P.O.Box: 22504, Doha - State of Qatar
E-mail: mail@qatariinvestors.com - www.qatariinvestors.com

Züblin International Qatar L.L.C.

ZÜBLIN

our ref. ZIQL/KWHI/001/13 - PC

Doha, 15th January 2013

Project : **Design and Construction of South Site Utility Tunnel for Qatar Foundation Education City**

Subject : **Performance Certificate**

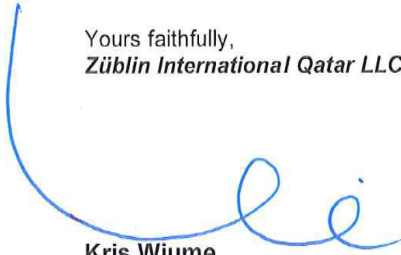
To Whom It May Concern

We hereby confirm that MZ & Partners Architectural & Engineering Consultancy W.L.L. has successfully completed the Design and Construction of South Site Utility Tunnel for Qatar Foundation Education City.

MZ & Partners W.L.L. has carried out the works to our full satisfaction with respect to Quality, Cost and Time and look forward to appoint them on any of our future projects.

This Certificate is issued upon the request of MZ & Partners W.L.L and with no liability on Züblin International Qatar part.

Yours faithfully,
Züblin International Qatar LLC


Kris Wiume
General Manager




Herbert Longitsch
Chief Financial Officer

January 17, 2013

To whom it may concern:

We hereby confirm that **MZ & Partners Architectural & Engineering Consultancy W.L.L.** has successfully completed the following projects:

- I. Midmac Main Office
- II. QIPCO Residential Compound

MZ & Partners W.L.L. has carried out the works to our full satisfaction with respect to Quality, Cost & Time. We look forward to appoint them on our future projects.

For Midmac Contracting Co. W.L.L



Raghib H. Kublawi
General Manager



Midmac Contracting Co. W.L.L.
CR No. 24408
Paid up capital QR. 11.000.000

p.o. box 1758
doha - qatar
tel: +974 44529452
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info@midmac.net
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ص.ب. 1708
الدوحة - قطر
هاتف: +974 44529452
فاكس: +974 44440864

شركة مدماك للمقاولات ذ.م.م.
السجل التجاري ٢٤٤٠٨
رأس المال ١١,٠٠٠,٠٠٠ ريال قطري

14. Certificate of Registration ISO 9001:2015



Certificate of registration

This to Certify that the
Quality Management System Of

MZ & PARTNERS
ARCHITECTURAL & ENGINEERING CONSULTANCY
Doha - Qatar

Has been assessed and approved by Vision International Registrar
To the following Standard and Requirements;

ISO 9001:2015

The approved Management System is applicable to ;

**Consulting Engineering and Management services
(Architectural, Civil, Structural, Mechanical, Electrical, Plumbing
& Interior Decoration) of Buildings & Infrastructures of all types.**

Original Approval : July.4 2012

Current Certificate: July.2 2018

Certificate Expiry : July.1 2021

Certificate Number : 4130908

On behalf of Vision International: _____

The approval is subject to the organization maintaining their system in
Accordance with vision International's rules and regulations for certification
This certificate is valid as long as the company name appears on our web site
www.vision-ics.org




0603-1

15. HSE

MZ & PARTNERS HSE PLAN



MZ&PARTNERS
ARCHITECTURAL & ENGINEERING CONSULTANCY W.L.L.

 <small>ARCHITECTURAL & ENGINEERING CONSULTANCY W.L.L.</small>	Name & Designation	Signature	Date Signed
Prepared by:	Youssef Hayek Head of Supervision Department		
Reviewed and Approved by:	Fawzi Ismail General Manager		
Approval by Client (If applicable)			
REVISION NUMBER	Revision Status / Details	Date Issued	Remark

AMENDMENT SHEET

Sl.No .	Rev No.	Date	Item	Subject of the Amendment

SITE SPECIFIC HSE PLAN

PREFACE

The purpose of this Occupational HSE Plan is to describe Consultant Health-Safety & Environmental and Security related plans that are to be implemented during the Construction of the Works.

The HSE Plan represents the plan for conducting safe work Environment for personnel & property.

The target goal is to eliminate at the very source all danger to the health, safety and physical integrity of site personnel and works.

Each employee is responsible for his own health & safety and the people around him. It is therefore of important that each employee fully understands HSE rules and standards; and those HSE rules and standards specifically concerned with the work they perform.

This HSE Plan is intended to be complimentary to the general code of practice and to the existing statutory regulations, Labour Legislation with regard to medical, first aid, safety, and training requirements included.

This HSE is established as guidelines for HSE requirements that is be considered and complied with by the Contractor HSE Plan which shall be reviewed and approved by MZ & Partners nominated HSE person in charge.

NO SMOKING POLICY STATEMENT

It is MZ & Partners Architectural Engineering Consultancy W.L.L. policy to comply with all legal safety, health and welfare requirements as a minimum standard and with relevant guidelines as appropriate.

MZ & Partners Architectural Engineering W.L.L. shall take all reasonable steps to ensure a smoke free environment for all buildings, so that statutory requirements are met.

Smoking is prohibited in all facilities, offices, construction sites, temporary buildings/offices and work vehicles in the ownership or use of MZ & Partners EXCEPT in suitable and safe designate areas.

The No Smoking Policy applies to all stakeholders, e.g. Employees, Visitors, Contractors, Subcontractors or any other parties.

MZ & Partners Architectural Engineering W.L.L. has an in-house Nurse to attend in all safety and Medical concern issues.

Fawzi Ismail
General Manager

Consultant: **MZ & Partners Architectural Engineering Consultancy W.L.L.**
P.O. Box 5785, Doha - Qatar

Governmental Authorities Coordinates

Authority	Telephone No.
Municipality	44347777
Drainage & Irrigation	44691794 / 44492666
Civil Defense	44895151
Fire	999
Police	999
Qatar General Electricity & Water Corporation	44845555

ROLES & RESPONSIBILITIES

Roles:

GM : General Manager

PD : Project Director

PM, CM, LM : Project Manager, Construction Managers & Logistic Manager

Site Engineers : Project Engineers, Site Engineer and Supervisor

HSE Dept. : As required on Project Basis

ROLES AND RESPONSIBILITIES

1. Responsibilities and delegation of responsibilities

The responsibility for HSE matters shall rest with the Project Manager of the consultant with delegation to the hierarchic line who will be responsible to ensure that safe construction processes are implemented in accordance with this HSE procedure and good building practice.

2. The General Manager:

- Shall ensure that HSE management requirements are given equal status with other managerial requirements.
- Shall be assisted by the safety manager as well as by the heads for each of the different departments.

Members of the Management Staff are made aware of their duties and responsibilities with regard to the implementation of the HSE management program. They shall receive such training as necessary for their understanding and development of HSE management skills.

3. Project Manager & Consultant Representative:

- Shall be at first involved in the prevention of accidents and directly responsible to their superior in line for the safety of their work activities;
- Have direct responsibility to provide and maintain a safe and healthy working environment for the Consultant's Team under their control and promote awareness at all opportunities; their duty is consequently shared with their subordinates, each within their defined areas.
- To complete the project without accident, they shall ensure that work procedures have been established well in advance, approved by the Authorized Safety Officer might be applicable and explained to the personnel involved with implementation.
- Correct infractions, control emergencies and attend HSE meetings.

Supervision and training

All work shall be carried out under competent, experienced, and qualified supervision. The supervisory personnel will be generally trained and experienced in the operations for which they are responsible. They must be aware of the Site emergency procedures. They must also be familiar with procedures in operation on the Works, e.g. the permits to work, confined spaces, etc.

Domain of application

The policies, rules, standards, and procedures set forth in this HSE Plan, including acceptable standards of personal behavior and conduct, are for the protection of all Project Participants. They are for all personnel on the job site.

Penalties

If it is discovered that an individual's action or non-action results in an injury or accident, such a person may be removed from the project immediately. Furthermore, any employee found violating any project HSE rule, regulation or standard will have his personal file endorsed accordingly and shall be removed immediately from the project on the third offence. The Consultant shall implement a WARNING system that will be applicable for all contractors.

The HSE General Concerns/ Duties

2.1 The HSE Team

In order to find an answer to the scope of different site specifications and problems, the site team of site safety specialists will:

- Come on site on appeal by the safety manager or on special request by the project director;
- Continuously be available in back office.

The HSE officers and supervisor will be trained in different disciplines to cover following special skills:

- Work at height;
- Accident investigation;
- Fire prevention;
- Environmental coordinator (research and advise on used materials and created waste);
- Emergency and rescue Information / communication from the hierarchic line of the Contractor and subcontractors to HSE department;
- Invite for daily coordination meeting (site safety meeting);
- Receive weekly information/records to deploy the weekly safety report to the project manager;
- Participate in monthly safety meeting (or more frequent) with representatives of hierarchic line, representatives of subcontractors and their HSE engineers;
- Respond and confirm the actions (measurements) on reported HSE issues.

2.2 Tasks and Objectives of the HSE Team

The main objectives are:

- Advisory services
- Daily inspections/monitoring/reporting/control on monitoring and reporting on the HSE performance indicators;
- Objective observations including reporting;
- Training/education/motivation
- Assist/advice risk assessments
- Organize monthly safety meetings
- Safety signs for awareness
- Set up Crisis Management Team and organize emergency exercises;
- Attend / contribute at safety meeting organized by hierarchic line or project manager.

CONTROL OF CONTRACTORS
AND
GENERAL SAFETY GUIDELINES

Control of Contractors

1. All major, minor accidents and near misses to be reported to Site in-charge / Site Safety team to enable the management to take necessary steps to avoid the recurrence.
2. Nobody is allowed to work without wearing safety helmet, safety shoes and all other needed personal protective equipments (PPEs) to perform the task safely.
3. Debris, scrap and other materials to be cleared from time to time from the workplace and at the time of closing of work every day.
4. Regular weekly inspection will be conducted on all contractors. Overall performance will be evaluated and a Fail, Pass or Good safety level will be indicated. All those with Fail level will be called to a meeting with MZ & Partners safety engineer to address the issues. A table or spread sheet will be maintained to track the performance of all contractors.
5. All PPEs like shoes, helmet, safety harnesses etc. shall be arranged before starting the job as per recommendation of Site Safety Engineer/Co-ordinator.
6. Adequate fire fighting equipment shall be made available at workplace and persons are to be trained in fire fighting techniques with the co-ordination of Site Safety team.
7. Ladders being used at site shall be adequately secured at bottom and top **& must extend 1 metre above the upper level**. Ladders shall not be used as working-platforms.
8. Usage of eye protection equipment shall be ensured when workmen are engaged for grinding, chipping, welding and gas cutting. For other jobs as and when Site Safety team instruct to do so.
9. Erection zone and dismantling zone shall be barricaded and nobody will be allowed to stand under suspended loads.
10. Depending on the size of their scope of work, all (*Mechanical Electrical & Structural*), major contractors shall submit specific Safety and Health plan for review and approval by MZ & Partners Safety Manager.
11. All the dangerous moving parts of the portable / fixed machinery being used shall be adequately guarded.
12. When at work, Contractors shall ensure that all their workmen are following MZ & Partners and Clients Safety Guidelines in addition their own specific safety plan at all time.
13. All the unsafe conditions, unsafe acts identified by contractors, reported by Site Supervisors and / or Safety Personnel to be corrected on priority basis.
14. Good housekeeping to be maintained. Passages shall not be blocked with materials. Materials like bricks shall not be stacked to the dangerous height at workplace.
15. Adequate illumination at workplace shall be ensured before starting the job at night.
16. No one is allowed to work at or more than two metres height without wearing **Full harness** and anchoring the lanyard of safety harness to firm support preferably at shoulder level.
17. Smoking is strictly prohibited at workplace except at designated areas.
18. MZ & Partners will review and approve all contractor safety method statement.

RISK IDENTIFICATION AND MATRIX

Risk Identification and Rating Matrix

1. Purpose of Risk Assessment:

The purpose and function of this risk assessment can be expressed as follows:

- To identify operations, tasks and processes which may foreseeable cause harm to employees and/or others on construction site (hazards)
- To identify the potential of the hazard being realized, and the potential consequences which might then occur (risk)
- To enable a risk assessment to be developed which will assist in eliminating or reducing the exposure of the workers and others to the risk.

The principles, summary, are:-

- Avoid risk
- Combat risk at source
- Incorporate control measures into procedures within an overall planned structure to reduce risks
- Provide information and training to all workers involved.

2. Definition of Hazard and Risk

Hazard: The potential to cause harm, including, physical injury, damage to plant, equipment, property or the environment.

Risk: The likelihood that a specified undesired event will occur due to the realization of a hazard by or during work activities and services created by work activities.

Risk is expressed as:

Hazard Severity x Likelihood of Occurrence

Risk Assessment Matrix:

Severity → Rating (S)	Low	Medium	High
Likely Hood (L) ↓	1	2	3
Highly Unlikely 1	1	2	3
Unlikely 2	2	4	6
Likely 3	3	6	9

For above Rating:

- Low = 1 and 2
- Medium = 3 and 4
- High = 6 and 9

Risk Rating (R) = S x L

GENERAL RISK ASSESSMENT GUIDELINES

GENERAL RISK ASSESSMENTS

Enclosed is the standard form of MZ & Partners for Risk Assessments along with the following.

1. How to use Assessments
2. Risk Assessment layout

Enclosed are a number of Risk analyses that have already been identified by the safety department from the programme these are to be used when the works are due to start.

USING THE GENERAL RISK ASSESSMENTS:

The general risk assessments take into account common construction site hazards in relation to a number of tasks, under normal circumstances, and provide guidance on best practice in terms of carrying out these tasks. Under the **Management of Health and Safety at Work Regulations 1992** (SI 1992/2051) (as amended) (MHSWR) consultants are required to carry out and record risk assessments for the situation of work, and therefore assessors must consider site-specific circumstances when using these forms. In addition to the hazards highlighted in the general risk assessments, any other hazards and relevant control measures specific to the task being assessed should be included on the risk assessment forms.

To use the general risk assessments, it is essential to take into account the site-specific circumstances in order to tailor the risk assessments to ensure they are legally compliant. This includes consideration of a number of factors, including the competency of the workers carrying out the task or using particular tools or machinery, how the task is actually carried out, the control measures in place, the actual workplace and any adjacent activities.

WHAT THE RISK ASSESSMENTS CAN BE USED FOR?

The general risk assessments can be used to fulfil the following responsibilities:

- (a) The development of site-specific risk assessments.
- (b) The provision of risk assessments at the pre-qualification to contract stage to demonstrate to the planning supervisor/principal contractor that adequate provision is made for safety.
- (c) Checking health and safety conditions on site.
- (d) Developing safe systems of work and method statements if required.
- (e) The provision of information on hazards in the workplace to all workers and to other contractors and workers in the vicinity.

COMPLETING GENERAL RISK ASSESSMENT FORMS

The general risk assessments are designed to require the minimum amount of written input by the assessor to save time and resources when carrying out risk assessments. Risk assessment data for carrying out a variety of tasks under normal circumstances is provided, with space for additional information to be added by the assessor. The assessor should cross out any information that is not relevant to the task being assessed and add any site-specific information. Clear instructions on completing the forms are given below and these should be followed to obtain maximum benefit from the risk assessments.

Key to risk assessment layout and information

1. Project	Enter the project reference number to which the risk assessment applies.
2. Contractor	Enter the name of the contractor responsible for the assessment.
3. Client	Enter the name of the client.

4. Document Ref. No.	Each document should have a code or number assigned to it for easy reference. If a document control system is in place (e.g. as ISO 9000 series accreditation) the referencing should fit with this system.
5. Assessed by	Enter the name(s) of the assessor(s).
6. Date	Enter the date of the assessment. This will help to ensure that the most current risk assessment document is in use.
7. Tasks/operation and location (including any tools/equipment in use)	This should give sufficient information to identify each activity and assessment area unambiguously. Enter additional information specific to the work situation.
8. Hazards	Common hazards under normal circumstances are provided. From knowledge of the task, cross out any hazards that are not appropriate and add any other identified hazards that are specific to the work situation.
9. Risk ratings Without controls	Common risk ratings for each hazard under normal circumstances without the use of controls are provided. From knowledge of the task, alter the risk rating if it is not appropriate to the work situation.
With controls	Common risk ratings for each hazard under normal circumstances with the use of appropriate controls are provided. From knowledge of the task, alter the risk rating if it is not appropriate to the work situation. The effectiveness of the control measures is indicated by the reduction in risk. Assessors must rate the task taking into consideration all the control measures actually in use.
10. Harm	The known harm resulting from the hazards is provided. From knowledge of the task, cross out any harm that is not appropriate and add any other identified harm that is specific to the work situation.
11. Persons in danger	A list of possible persons in danger is provided. From knowledge of the task, cross out any references that are not appropriate and add any other identified persons in danger.
12. Number of persons in danger	Enter the approximate number of workers exposed to the hazards at any one time.
13. Controls	A list of control measures to minimize risk is provided. From knowledge of control measures used on site, cross out any measures that are inappropriate and add any other identified measures specific to the work situation.
14. Personal protective equipment	A list of appropriate personal protective equipment (PPE) is provided. From knowledge of PPE used on site, cross out any references to PPE that are inappropriate and add any other identified PPE specific to the work situation.

15. Additional assessments	A list of additional assessments that may be required is provided. From knowledge of the task, cross out any references to additional assessments that are inappropriate and add any other assessments required that are specific to the work situation.
16. Method statement required	Circle <i>Yes</i> or <i>No</i> . Generally, method statements are required for the higher risk activities.
17. Is the task adequately controlled?	From knowledge of the task, the actual risk to persons and the control measures in place circle <i>Yes</i> or <i>No</i> to indicate whether the task is adequately controlled.
18. Specific legislation	A list of specific legislation is provided. Add any other legislation that is specific to the work situation.
19. HSES and other guidance	A list of Health and Safety Executive (HSES) guidance and other guidance is provided. Add any other guidance that is specific to the work situation; this may include the company's own procedures.
20. Information, instruction and training	A list of information, instruction and training relevant to the take is provided. Cross out any information that is appropriate and add any other information specific to the work situation.
21. Emergency procedures	Emergency procedures specific to the task are provided. Add any other procedures specific to the work situation.
22. Monitoring procedures	A list of monitoring procedures relevant to the task is provided. The details listed relate to activities that must be checked at regular intervals to ensure that the risk assessment is still valid. Cross out any references that are inappropriate and add any other procedures specific to the work situation.
23. Other items	Include any additional items relevant to the risk assessment. This may include the name of the person who is to implement the control measures, any specific time or working limits, etc.
24. Signature	The assessor should sign the risk assessment.
25. Date for review	A date for review of the assessment should be entered.

ACCIDENT REPORTING

ACCIDENT REPORTING AND INVESTIGATION

The degree of reporting required in the event of an accident is determined by both the outcome and severity of the same. Reporting of low potential incidents, including First Aid cases and Medical treatment cases of low potential severity is limited within the Site Safety Department through the Site First Aid Room. All other incidents require full incident report in addition to the first information given to the First Aid Room. Any accidents resulting in Fatality, Fire or preventing the person from duty more than 3 days will be reported to concerned authorities by telephonic message or by fax, immediately followed by the accident and a more comprehensive report will be prepared and submitted to the authorities within twenty four hours. All accident preventing the worker from duty for more than 3 days, followed by the accident, will be considered a Lost Time Injury (LTI).

The procedure to be followed in accident reporting is in the following manner.

1. Injured persons shall be moved to the site First Aid room as early as possible, irrespective of First aid is given or not.
2. Inform the Supervisor, Safety Department and Project Manager.
3. Inform the authorities, if required.
4. Detailed Investigation Report will be prepared by the safety Department and submitted to the Project Manager and Company Safety Manager.
5. The Project Manager will submit the report to the authorities concerned.

It is the responsibility of the supervisor to submit the preliminary report to the Safety Department. The Safety Engineer and the supervisor who in turn will investigate the incident and furnish the detailed report to the Project manager and Company Safety Manager.

During the accident investigation time, witness statements, the contributing causes and root causes will be analysed and they will also arrange to educate all employees on the Learning Points arising out of the incident for future guidance to others.

A Safety Summary Report will be prepared on a monthly basis incorporating all data's related to any type of accidents

2. Lost Workday Injury / Illness Notification Form.

Notes

- 1) Accident Report will be completed by Project Safety Engineer/ Officer
- 2) Accident report will be issued to the Consultant within 24 hours and a final Closeout report within 3 days.
- 3) In case of Fatality Consultant will be notified within 1 hour.
- 4) In the event of a major injury Consultant will be notified as soon as practicable and within 12 hours. (LTI)

ACCIDENT REPORTING FORMS (SEE ATTACHMENT)

1. Accident Investigation Report
1. Lost Workday Injury / Illness Notification Form.
2. Reporting to Local Authorities as per article 108, 109, 110 and 115 of Qatar Labour Laws

Definition of Types of Incident / Accident

First Aid Case (FAC).

Any one - time treatment and subsequent observation of minor scratches, cuts, burns, splinters and so forth, which does not ordinarily require medical care. Such treatment and observations are considered as First Aid Case, even though provided by a physician or other medical staff.

Medical Treatment Case (MTC)

A Medical Treatment Case is any work injury that involves neither lost workdays nor restricted workdays but which required treatment by, or under the specific orders of , a physician or could be considered as being in the province of a physician.

Restricted Work Case (RWC)

A Restricted Work Case is any work injury which results in a work assignment after the day which the incident occurred, that does not include all the normal duties of the person's regular job. The restricted work assignment must be meaningful and pre-established or a substantial part of a regular job.

Lost Work day Case (LWC)

A Lost Workday Case is any work injury / illness other than a Permanent Partial Disability which renders the injured the person temporarily unable to perform any regular job or restricted work on any day after the day on which the injury / illness was incurred.

Permanent Partial Disability (PPD)

Permanent Partial Disability is any work injury which results in the complete loss, or permanent impairment, of functions of parts of the body, regardless of any pre-existing disability of the injured person or impaired body function. It is Lost Time Injury.

Permanent Total disability (PTD)

Permanent Total Disability is any work injury which incapacitates an employee permanently and results in termination of employment. It is a Lost Time Injury.

Fatality (FTL)

A fatality is a death resulting from a work injury, regardless of the time intervening between injury and death.

Lost Time Injuries (LTI)

Lost Time Injuries are the sum of Fatalities, Permanent Total Disabilities, Permanent Partial Disabilities and Lost Work Day cases

N. B. If, in a single incident 5 people receive lost time injuries, then it is accounted for corporate reporting purpose as 5 LTI's (not 1 LTI) $LTI = FTL + PTD + PPD + LWC$

INCIDENT / NEAR MISS REPORT

Location: _____ Report No. _____

Date of Incident / Near Miss: _____ Time: _____

Category: Incident Minor Major Incident Rating Near Miss

Details of Damages / Injuries:

	Near Miss Description	Injuries Details (Name, No.,...) of person(s) involved and brief description of the injuries	Property Damage (Brief description of the damage to property)
MZ & Partners			
Others (Client, Contractor, Third Party)			

Details of Persons Hospitalised

SR. NO	Name	Company	Designation	Name of Hospital
1				
2				
3				
4				
5				

Details of Machinery / Vehicles Involved in the Incident / Near Miss:

No.	Machinery Vehicle		
	Description	Registration No.	Driver/Operator Name & Company
1			
2			
3			

INCIDENT / NEAR MISS REPORT

Location: _____ Report No. _____

Date of Incident / Near Miss: _____ Time: _____

Category: Incident Minor Major Incident Rating Near Miss

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Brief description / details of the incident / near miss: (Identify Root Cause)

What are the control measures that could have prevented this Accident / Incident?

Actions taken to close out the report:
