

First National Consulting Services



COMPANY PROFILE

We create innovative and sustainable solutions that support healthy living beyond our lifetime.



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ADDRESS

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COMPANY PROFILE

We have a unique combination of global experience, local expertise and financial strength. It's how we take on the most complex construction projects in the world. It's also how we take on commercial and residential projects that require a deep understanding with local communities.

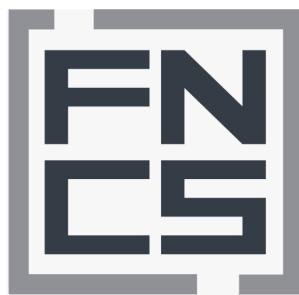
No need for
Financial as this is
for contractors

About Us

2017

FNCS Was Established In **2018** By A Leader of Professional Engineers, With Wide Intensive Experience In the Design, Supervision, And Execution of Projects Inside Jordan And Across The Gulf Area.

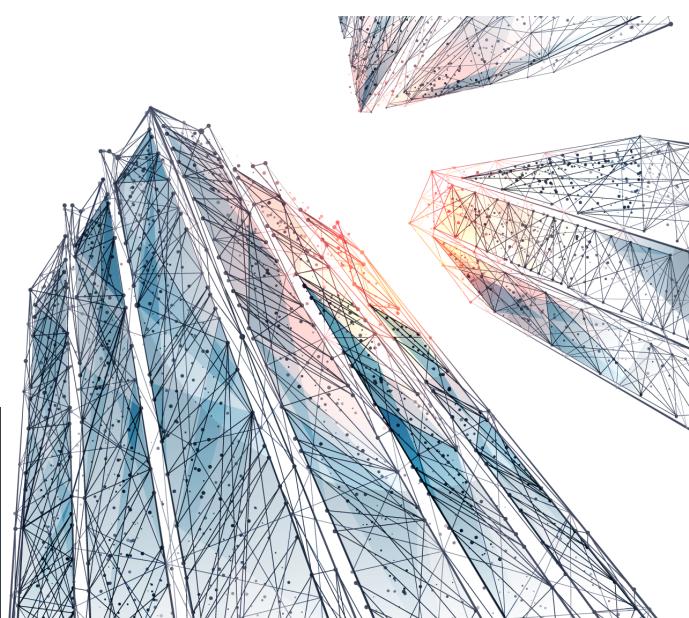
Together With A Group Of Experienced Engineers, As Partners And Joined Ventrers, A Strong Base Was Built To Kick Off Throughout The Engineering Works And Its Vary Sectors.



First National Consulting Services

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We Have A Wide Experience
In Design, Sites Supervision,
Tender Documentation,
Project Management And Value
Engineering Beside Detailed
Economic Studies Reveals
The Expected Cost And Its
Feasibility For Each Project.



We have a unique combination of
global experience, local expertise
and final **technical Strength**

It's an approach that flows through just about everything we do.



Together, leadership and team, we look forward to engineering a future that defines and inspires the ethos of generations to come.

what does this
mean

Our Vision

We Are Targeting To ~~do Beyond~~ The Client's Expectations, ~~Expecting Challenges~~, and ~~Providing~~ Efficient Professional Solutions Compatible With Engineering Values.

Exceed Our

Delivering

That meets project requirements and is in line with the Best Engineering practices



Our Mission

To Retain The Highest Standards Of Providing Engineered Solutions, Up-To-Date Technologies, And Creativity Driven By Adding Valueless To Our Customers And Environment.

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We Create Innovative And Sustainable Solutions

FNCS Uses Knowledge & Foresight To Shape The Way People Live, Work, And Connect.



Our Value

Values

Commit To Customers: Together, we look ahead to create smarter and more sustainable solutions that bring their visions to life.

Building Trust: We listen to improve We partner constructively - We seek to outperform.

Achieving Together: We work as one team We share knowledge - We embrace diversity of thought.



Realizing Possibilities: We strive for ever better - We take initiative - We learn from success and failure.



Be Better Together: We innovate and deliver the best solutions by leveraging our own diversity together with that of our customers.



Sustainability: Safe, fulfilling jobs - Valuable living spaces - Benefit to society.



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Expertise

Wide Experience In Design, Sites Supervision, Tender Documentation, Management And Value Engineering Beside Detailed Economic Studies Reveals The Expected Cost And Its Feasibility

Engineering Consulting Services

Consulting professionals work with clients to define solutions to problems or to help determine and recommend the best course of action for a given initiative. Engineering consulting services can save time, effort, and money for companies that do not have the knowledge or expertise for handling a specific task.

Project Identification

The client company must first define the project or task that requires the assistance of the consultant. This involves:

- Describing the purpose, objectives, and needs of the project.
- Setting a project timetable.
- Identifying potential problems.
- Determining project budgets and estimates.
- Selecting consulting firms that offer the required services.
- Providing the project information to the clients, along with an invitation to submit a proposal.

Response

The consulting companies then respond with a proposal for the project. A quality proposal will:

- Include a letter of interest.
- Demonstrate an understanding of the project.
- Provide evidence of the firm's ability to perform the work.
- Include profiles of the staff who will be assigned to the project.
- Provide references.

Negotiation

Finally, the client company selects the most suitable consulting firm to the project and negotiates the business contract. Steps in the negotiation process include:

- Evaluating the responses and selecting the appropriate firm.
- Finalizing the Scope of Services Agreement (SSA).





Our Building Engineering Services

Will Be But Not Limited To :

Studies

Concept Reports, Budgetary, Cost Estimation And Value Engineering

Engineering

Mep & Structural Design Services
Workshop Drawings Services
Site's Works Supervision Testing & Commissioning Services

Management

Tender Documents Preparation
Site Work's Management And Planning

FIRST NATIONAL CONSULTING SERVICES (FNCS)



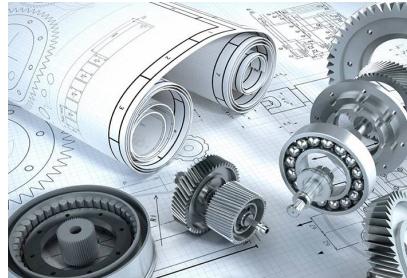
FNCS is to offer advanced and professional engineering consultancy services, in accordance to the latest international standards, to realise customer's goals and prospects.

Our Services

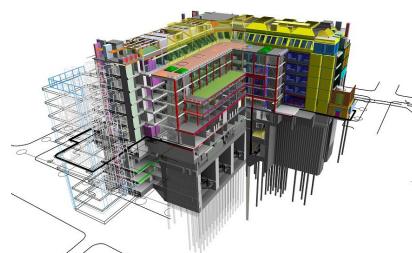
There are many types of services that engineering consulting firms may advertise to offer. Some of the categories of services include:



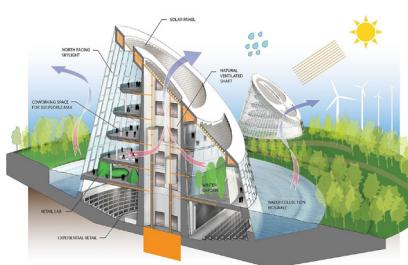
ELECTRICAL



MECHANICAL



BUILDING INFORMATION
MODELING



SUSTAINABLE



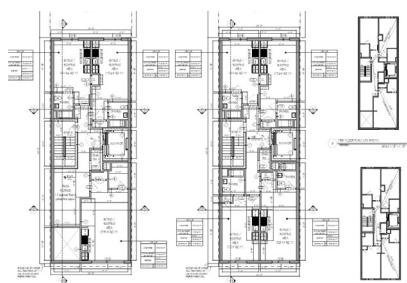
SITE SUPERVISION,
QA/QC , COST AND
QUANTITY SURVEY



PROJECTS TESTING AND
Commissioning



PROJECT MANAGEMENT,
CONTRACTS
ADMINISTRATION,
PLANNING, COST AND
PROCUREMENT



VALUE ENGINEERING,
DESIGN AUDIT & PEER
REVIEW



Is this correct

Electrical

Systems Design

Our electrical specialists work seamlessly with mechanical and public health engineers to create complete building services solutions.

Beyond standard areas of overlap, FNCS expects its electrical engineers to become creative partners in the design process. Our collaborative approach is supported by advanced 3D modelling methods, known as building information modelling (BIM), that allow design teams to share an intelligent virtual project prototype.

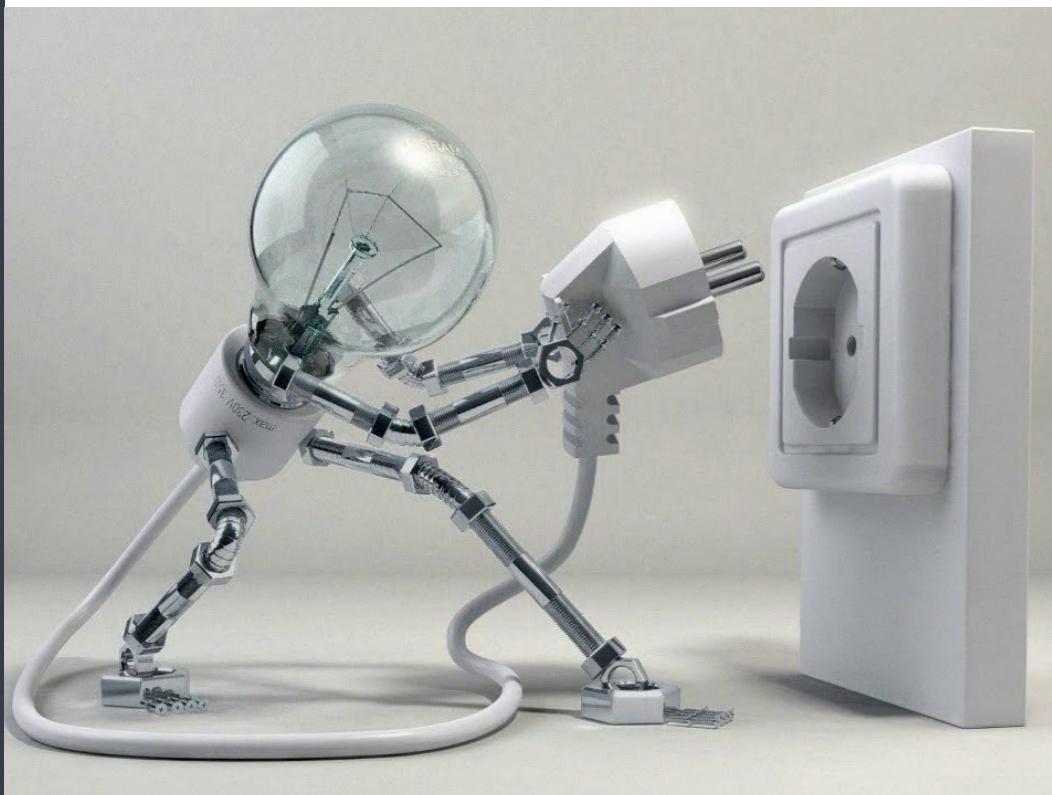
FNCS shaped structural and building services ~~systems for Princeton University Frick Chemistry Laboratory entirely with BIM. That allowed us to test and refine sustainable strategies with great precision, resulting in energy savings 30% above those of a comparable code-compliant facility.~~

At FNCS, we are leaders rather than followers in technical advances and sustainability. Through in-house research and development, we ensure that clients get the benefit, rather than the risk, of innovation. As new energy ideas such as smart grids emerge, FNCS helps clients understand where they are appropriate and

check this

Our electrical engineering consultants are experts in the industry and bring dedicated and professional expertise to the industry, our partnerships, and our projects.

OUR MOTTO IS TO BE
PROUD OF OUR GLORY



Mechanical

FNCS works with clients to create buildings that meet their requirements as well as their aspirations. Many clients want to find balance between commercial performance, usability, health and wellness, comfort and sustainability.

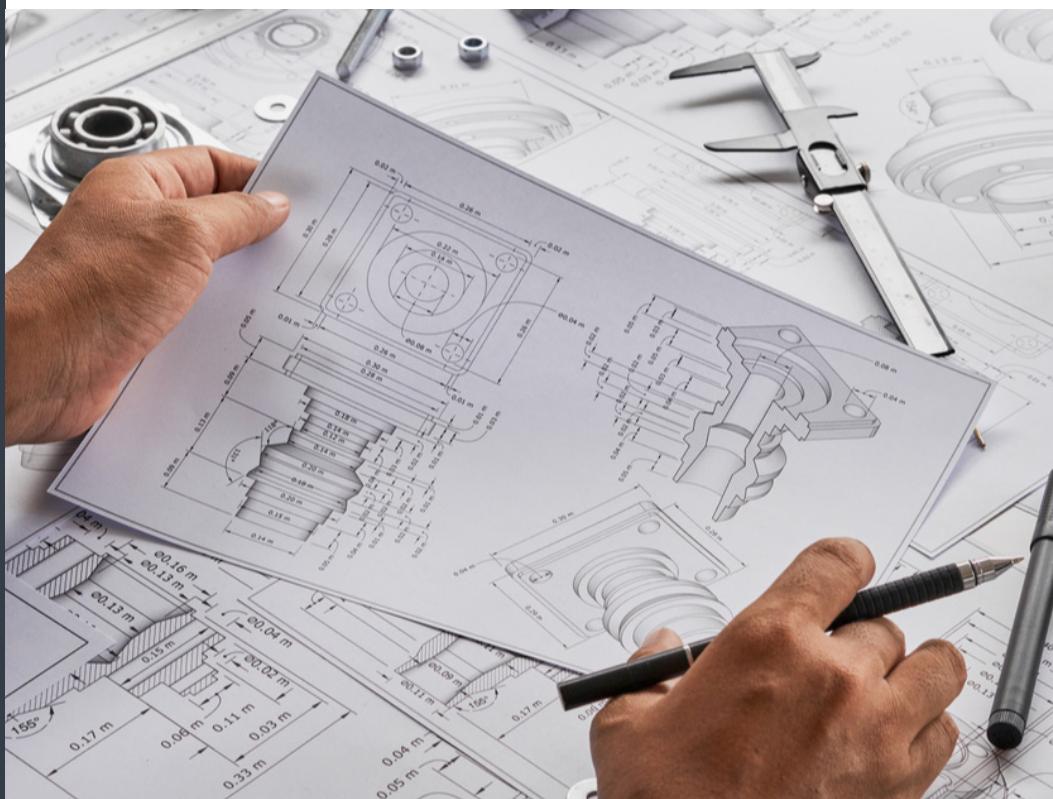
~~FNCS provided structural and building services design for Jessop West, a new faculty building for the University of Sheffield, next to a busy road. Our team created quiet and comfortable faculty offices, without mechanical ventilation.~~

FNCS delivers global best practice through locally relevant mechanical engineering services worldwide. Our specialists are active in their professional communities, closely connected with the sectors they work in and positively involved in shaping guidance on local building codes worldwide.

At FNCS, we are leaders ~~rather than followers~~ in technical advances and sustainability. Through in-house research and development, we ensure that clients get the benefit, rather than the risk, of innovation. As new energy ideas ~~such as smart grids emerge~~, FNCS helps clients understand where they are appropriate and

Our mechanical engineering consultants are experts in the industry and bring dedicated and professional expertise to the industry, our partnerships, and our projects.

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Building Information Modeling

What is BIM?

BIM is a process for creating and managing information on a construction project throughout its whole life cycle. As part of this process, a coordinated digital description of every aspect of the built asset is developed, using a set of appropriate technology. It is likely that this digital description includes a combination of information-rich 3D models and associated structured data such as product, execution and handover information.

Internationally, the BIM process and associated data structures are best defined in the ISO 19650 and 12006 series of standards.

How can BIM help you?

In the early stages of a BIM project, a collaborative team is assembled. It agrees the process and information structures to ensure that the design information developed is coordinated, and will be of maximum benefit to those involved in the construction and operation stages. Involvement of those that will be involved at a later stage of the project (such as manufacturers or the client's FM team) can greatly help with this initiation.

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Sustainable Buildings

We have long promoted sustainable solutions through integrated thinking by bringing together all the building designers and technical specialists needed to shape a new building or retrofit an existing building.

Our strategy rests on six objectives, covering carbon, water, materials, climate change, community **and** the environment, and operations. We measure all projects against an absolute ideal in each category. So, for carbon the ideal is for all of our projects to be carbon neutral in operation over a yearly cycle.

At the start of each project, client and design team set a strategy that allows them to design their project using these six objectives. We help clients find pragmatic solutions that match their own goals. But by setting a high bar for designers.

Maybe we should add LEED Design

~~Energy-efficient systems and low-carbon materials are key to Low2No's building design, but the scheme also offers inhabitants convenient, affordable ways to reduce their individual carbon footprints. As well as pocket greenhouses in each dwelling, good public transport access and zero-carbon car clubs, these include a range of web and smart phone applications to help people decide, for example, the greenest way of getting from A to B.~~

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Site Supervision, QA/QC , Cost and Quantity Survey

Site supervisions control the on-site work process regarding technical, functional, aesthetic, urban and environmental aspects.

FNCS provides comprehensive management, supervision and inspection services, which are tailor-made for each project and which cover all dimensions and phases of construction and site applications of projects of its employers and clients serving both in public and private sectors in different Fields of Activity.

We help you increase transparency and quality at your construction site

Our independent inspectors are on site throughout the entire construction phase to observe and document progress for new-build or major maintenance and refurbishment projects.

Providing essential detailed documentation offers increased transparency and traceability for the project. This can mitigate risk through early identification of issues. Individual assessments with specific suggestions for improvement will help you keep your project on track.

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Projects Testing and Commissioning

Project testing and commissioning is the process of assuring that all systems and components of a building are designed, installed, tested, operated, and maintained according to the operational requirements of the project owner. The process includes the pre-start up, pre-energization and functional and performance tests for every operational component of the project, from individual functions, such as instruments and equipment, up to complex integrated subsystems and systems.

FNCS, being aware that sustainability and realization of long - term benefits of projects aimed throughout their life-cycles would be realized by planning and execution of appropriate and adequate testing, commissioning, training, operation and maintenance activities during pre-construction, construction and post-construction phases; performs the below listed sub-services with its employees having expertise in different disciplines and its consultants / partners / sub-contractors.

Spacing between words

what are the below listed services

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Project Management, contracts Administration, Planning, Cost and Procurement

Project management is the application of processes, methods, skills, knowledge and experience to achieve specific project objectives according to the project acceptance criteria within agreed parameters. Project management has final deliverables that are constrained to a finite timescale and budget.

A key factor that distinguishes project management from just 'management' is that it has this final deliverable and a finite timespan, unlike management which is an ongoing process. Because of this a project professional needs a wide range of skills; often technical skills, and certainly people management skills and good business awareness.

Why do we use project management?

Project management is aimed at producing an end product that will effect some change for the benefit of the organisation that instigated the project. It is the initiation, planning and control of a range of tasks required to deliver this end product. Projects that require formal management .

We need to add
FNCS Role Here

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Value Engineering, Design Audit & Peer Review

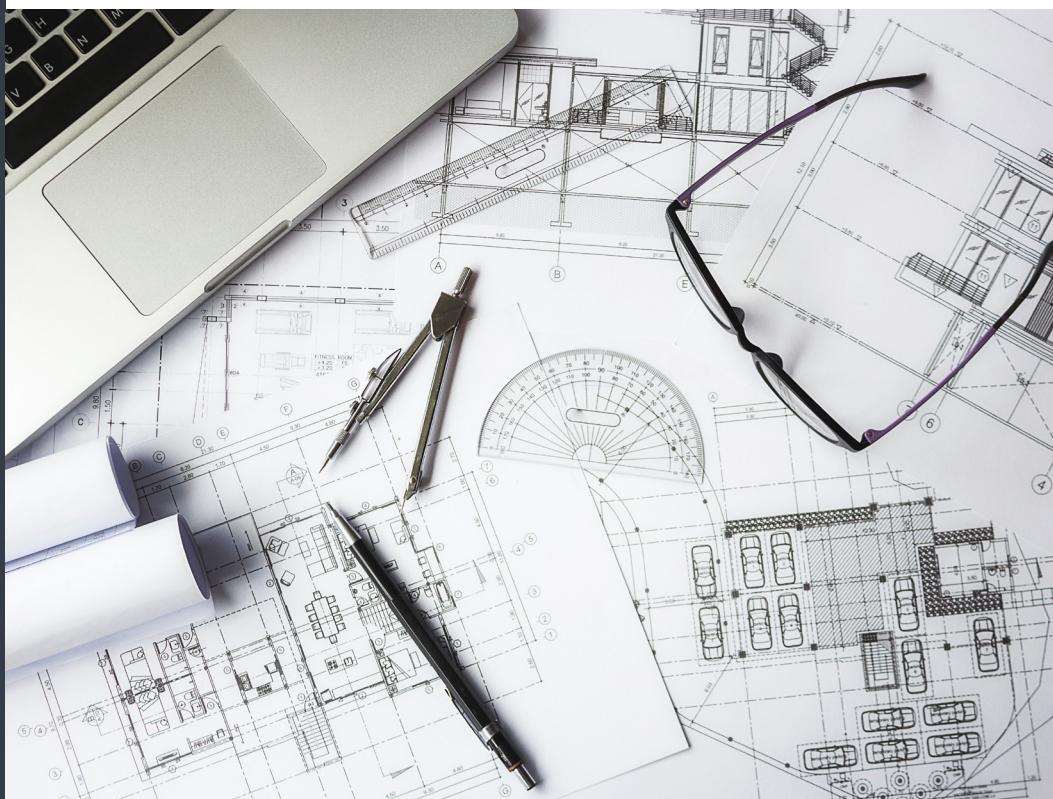
New constructions and building renovations are major investments for ~~development companies~~. When there are many potential projects, developers will want to focus on the most lucrative options. Value engineering (VE) consists of maximizing project functions and performance while optimizing costs, making it a very useful tool for investment decisions. The benefits of value engineering also apply for organizations who occupy the buildings they own, since it helps them achieve the lowest possible cost of ownership.

Project Owners and Developers

Peer review is the evaluation of work by professionals who have the same qualifications as those who produced the work. Peer review is very useful as a complement for value engineering, since it brings an external viewpoint to the project. This offers two key benefits: optimizing the project design, and bringing alternative solutions to the table. Even when a building project has a highly qualified engineering team, thinking outside the box can pose a challenge.

We need to Add FNCS Roles

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66 Projects

We build the places
that move the world



Project Category	Project Name	
Hospitality	Hilton Hotels & Resorts	UCS
	MEYDAN – BEACH HOTEL – WATER VILLAS	AE7
	Al – Adeyat Hotel	Kurdi Group
	Turath Resort " Lagoon "	UCS
Commercial	Amman Academy Diwan	Faris Bagaeen
	EUBC	Faris Bagaeen
	Abu Rkhayya Plaza	Zamanoun
	Al-Fattan Tower - AE7	AE7
	Mecca Mall – Extension 3	Kurdi Group
	Rabia Al - Kurdi Mall	Kurdi Group
	Naranj Restaurant	
	YALI – Headquarter	UCS
	Ecotots – Taj Mall "Day Care"	Urban Structure
	Smart By – Electronic Store	Zamanoun
Residential	Nokia Offices - Urban Structure	Urban Structure
	Mohammad Bin Rashid City – MSD Villas	AE7
	Staff Accommodation Buildings	AE7
	C19 Residential Tower	UCS
	Villa Dr. Sufian Hussain	Faris Bagaeen
	Villa Mr. Omar Jazi	Faris Bagaeen
	Imseeh Farm Houses	SCENE 2B
	Villa Mr. Jamal Hamshari	UCS
	Villa Mr. Bassam Hamshari	UCS
	Ayara Villas – Residential Compound	Urban Structure
Others	ST Paul Church - Jubaiha	Sameer Amareen
	Nissan Service Center - Urban Structure	Urban Structure
	Nissan Show Room Mecca St - Urban Structure	Urban Structure
	Orange Show Room - Scene to be	SCENE 2B
	Infinity Show Room - Urban Structure	Urban Structure
Health Care	German Jordanian Hospital - Kurdi Group	Kurdi Group
	Jadara Hospital	
	Al-Fohais Hospital	UCS
Factories and Heavy Industries	BRF- Food Processing Facility	UCS
	Mega Distribution Center	UCS
	Marbel Factory	Sameer Amareen

cancel All "UCS" Related Projects

Add Marka Hospital

Add
1- Alyoum Dairy Factory
2- APM Pharmaceutical Plant



HUQQABAZ Café Restaurant

Jordan, Amman, Golden Gate Mall



HUQQABAZ Restaurant Café is one of the Unique Café Restaurants Series Starting from Turkey spread out to Arab world. The Café is seeking continuous improvement of the luxurious family-friendly atmosphere with special blends and a stylish ambiance.

Scope of work :

Design Scope

It is understood that our scope of work is to study, design and prepare the tender documents for the following systems:

Electrical Systems

1- Lighting System

2- Power System "General, Kitchen's Equipment's & Power for Mechanical equipment's "

3- Fire Detection & Alarm System

4- Low Current System "Telecommunication, CCTV & Background Music "

5- Schematic Risers and Details

Mechanical Systems

1- HVAC system " Air Condition and Kitchens Exhaust "

2- Water Supply system

3- Drainage System

4- Fire Fighting System

5- Schematic Risers and Details

- Following up with concerned parties to demine approvals will be integral part of the scope of work

- All design services will be in accordance with the local codes standards and regulations and meets the client particular requirements narrated in franchise norms.



Amman Academy Diwan, BUA 2080sqm

Jordan, Amman



Project Summary:

The project was designed by our office to provide multipurpose halls, and all other services to serve the members and the local community.

The building has an office, an alumni club on the roof with 235 m² terrace, and two fully equipped multipurpose halls. They have separate entrances to maximize the number of events running at the same time. The first hall located on the ground floor level has an area of 240 m², and opens to an outdoor terrace. The second hall is located on the second floor level it has an area of 215 m² that can be divided into two separate halls with separate entrances, and can be used as a lecture hall. The halls are served with WCs, a central kitchen and outdoor gardens.

Scope of work ::

Completely full detailed design for the following systems:

Electrical Systems

- Normal lighting system
- Emergency Lighting system
- Power distribution system
- Telecommunication and Security system
 - Earthing and Lightening System
- Full coverage fire detection, alarm system.
- Back Ground Music System
- Voltage Drop Calculations.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



EUBC, BUA 9,345sqm

Jordan, Amman



Project Summary:

EUBC Commercial building was designed as the headquarters of the respective company as well as rentable office and commercial spaces. The design took into consideration sustainable design with how glass was used in varying depths and the massing was designed to create a passive cooling effect and communal terraces on each floor. A glass court was introduced in rentable offices and headquarters spaces to allow the maximum amount of natural light and ventilation to enter the floors.

The cellars were designed on the whole plot area to function as the services of the building as well as a sloped design to accommodate the maximum number of parking spaces.

Scope of work :

Completely full detailed design for the following systems:

Electrical Systems

- Normal lighting system
- Emergency Lighting system
- Power distribution system
- Telecommunication and Security system
- Earthing and Lightning System
- Full coverage fire detection, alarm system.
- Back Ground Music System
- Voltage Drop Calculations.

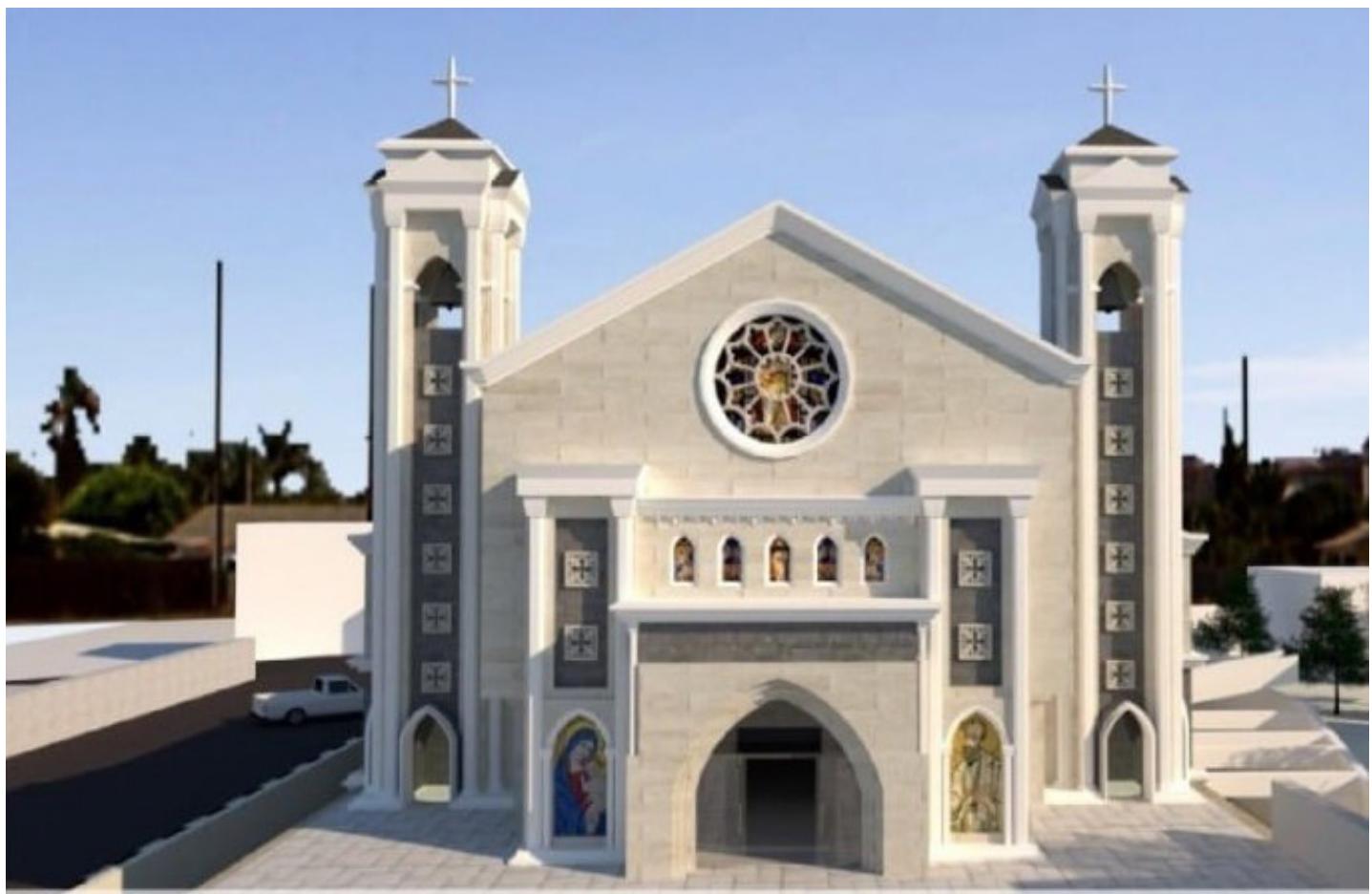
Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



ST Paul Church - Jubaiha

Jordan, Amman



A Unique Project for a church consist of Main Hall and 3 service Floors.

Scope of work :

Completely full detailed design for the following systems:

Electrical Systems

- Normal lighting system
- Emergency Lighting system
- Power distribution system
- Telecommunication and Security system
- Earthing and Lightening System
- Full coverage fire detection, alarm system.
- Back Ground Music System
- Voltage Drop Calculations.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Mechanical calculations



Abu Rkhayya Plaza BUA 14000 sqm

Jordan, Amman, 7th Circle



Multi-Purpose project Retails and Offices, 4 Cellars, Basement , Gr + 8 Floors

Scope of work :

1- Completely full detailed design for the following systems:

Electrical Systems

- Lighting system with (Dialux Calculations) for core and back of house areas.
- Power distribution system for core and back of house areas.
- Telecommunication and Security system
- Full coverage fire detection, alarm system and voice evacuation systems.

2- Part Time Supervision with the following duties:

- Technical supervision for above mentioned electrical systems
- Prepare Electrical Bill of quantities.
- Submittal Studies and check quantities
- Project Hand over.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations
- Billing system



Hilton Hotels & Resorts BUA 200,000 sqm

KSA, Riyadh,



The 5-star Hilton Hotel and Furnished Apartment building in Riyadh

The project occupies a 200,000 m² site, strategically located along the Eastern Ring Road; the major corridor linking the Capital with its International Airport. Within its unique structure – 2 towers and a 3-level podium – it features the following functions:

- Five Star Hotel tower – 20 story high with 645 keys.
- Furnished Apartments tower – 14 stores high 221 units
- All day and Specialty restaurants with integrated outdoor seating
- Wedding Halls to accommodate up to 3000 people
- Business Center and Banqueting Areas
- Luxurious Recreational areas to include Health Clubs, Spa and indoor pools
- State of the Art back of house
- Two levels underground Car Parking

Scope of work :

- Develop and follow up on the implementation of the commissioning plan.
- Develop the project specific functional performance testing procedures and forms.
- Assessing all needed resources to successfully complete the commissioning process
- Work with Consultant (A/E) to get commissioning requirements.
- Issue a weekly report to the PM and a biweekly progress report to Contractor management keeping them apprised of commissioning progress
- Distribute As-Built plans and specifications to Consultant for review and comments.
- Conduct periodic site visits to assure that installation of wide spread systems
- Perform functional testing for each system
- Coordinate owner training and spare material turnover
- Communicate all discrepancies found during commissioning activities, and propose solutions, to PM.
- Attends progress meetings to discuss commissioning issues as needed.
- Electrical Systems
 - a. Low Voltage " RMU, Transformers, MDB, SMDB, MCC, DB and Bus Ways "
 - b. KNX Lighting Control System.
 - c. Central Battery System CBS.
 - d. Fire Alarm and Voice Evacuation System.
 - e. IP Network.
- f. Guest Room Management System GRMS
- g. Small Power System.
- h. Security Systems.



MEYDAN – BEACH HOTEL – WATER VILLAS

UAE, Dubai



The project particulars are as follows:

- Royal suite villa 700 Sqm Area
- 2 Bedroom Villa 600 Sqm Area
- 1 Bedroom Villa 400 Sqm Area
- Spa Building
- Restaurant Building
- Middle Island and Services area

* All Works done by Revit Software.

Scope of work:

Full design works for the following systems:

Electrical Systems

- Normal lighting system with (Interior and Exterior).
- Normal Power System.
- Fire Detection and Alarm System.
- Voice Evacuation System
- Earthing and Lightening Systems.
- Voltage Drop Calculations Using Amtech.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Mechanical calculations



Mohammad Bin Rashid City – MSD Villas

UAE, Dubai



The project particulars are as follows:

- 7 and 8 bedrooms high luxury villas Basement, Ground and First levels.
- All Works done by Revit Software.

Scope of work:

Team Leader for the project, check and review for the following systems:

Electrical Systems

- Normal lighting system with (Interior and Exterior).
- Normal Power System.
- Fire Detection and Alarm System.
- Provision for Home Automation System
- Telecommunication System.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- swimming pool design
- Mechanical calculations



Jadara Hospital BUA 14000 sqm

Jordan, Irbid



Scope of work :

1- Completely full detailed design for the following systems:

Electrical Systems

- Normal lighting system with (Dialux Calculations)
- Emergency Lighting system
- Power distribution system
- Telecommunication and Security system
- Nurse call System
- Master Clock System
 - Earthing and Lightening System
- Full coverage fire detection, alarm system and voice evacuation systems.
- Voltage Drop Calculations.

2- Authorities' approval (JEA and CDD)

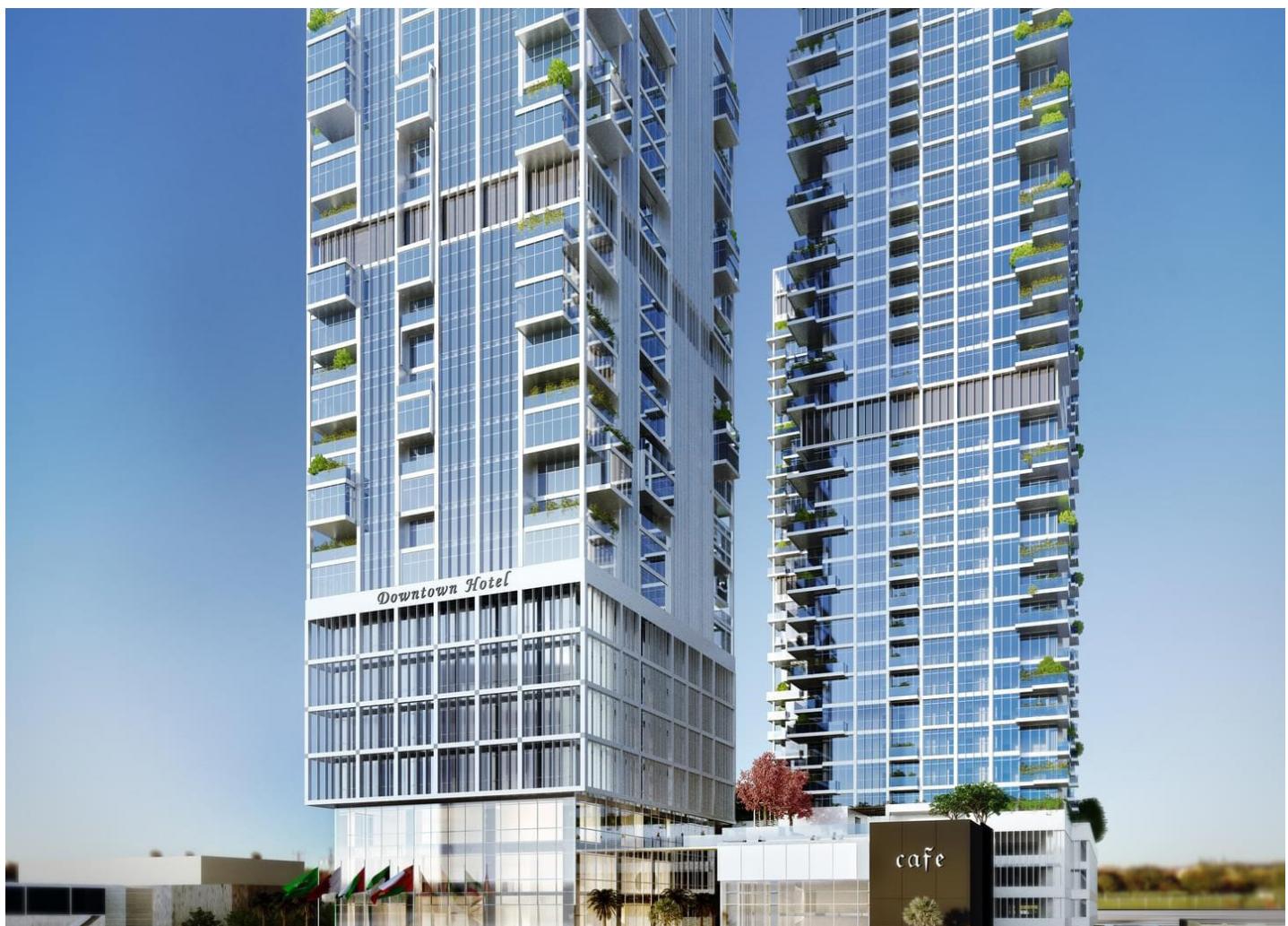
Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system



Al-Fattan Tower

UAE, Dubai , Umm Ramool



The project particulars are as follows:

- 23 level residential tower with additional penthouse apartment level.
- Ground level entrance comprising retail and car park
- 3 basement car park levels

Scope of work :

Completely design for the following systems :

Electrical Systems

- Normal lighting system with (Dialux Calculations).
- Electrical systems to all apartments, equipment, internal and external lighting and lighting controls.
- Emergency Lighting with Central battery System.

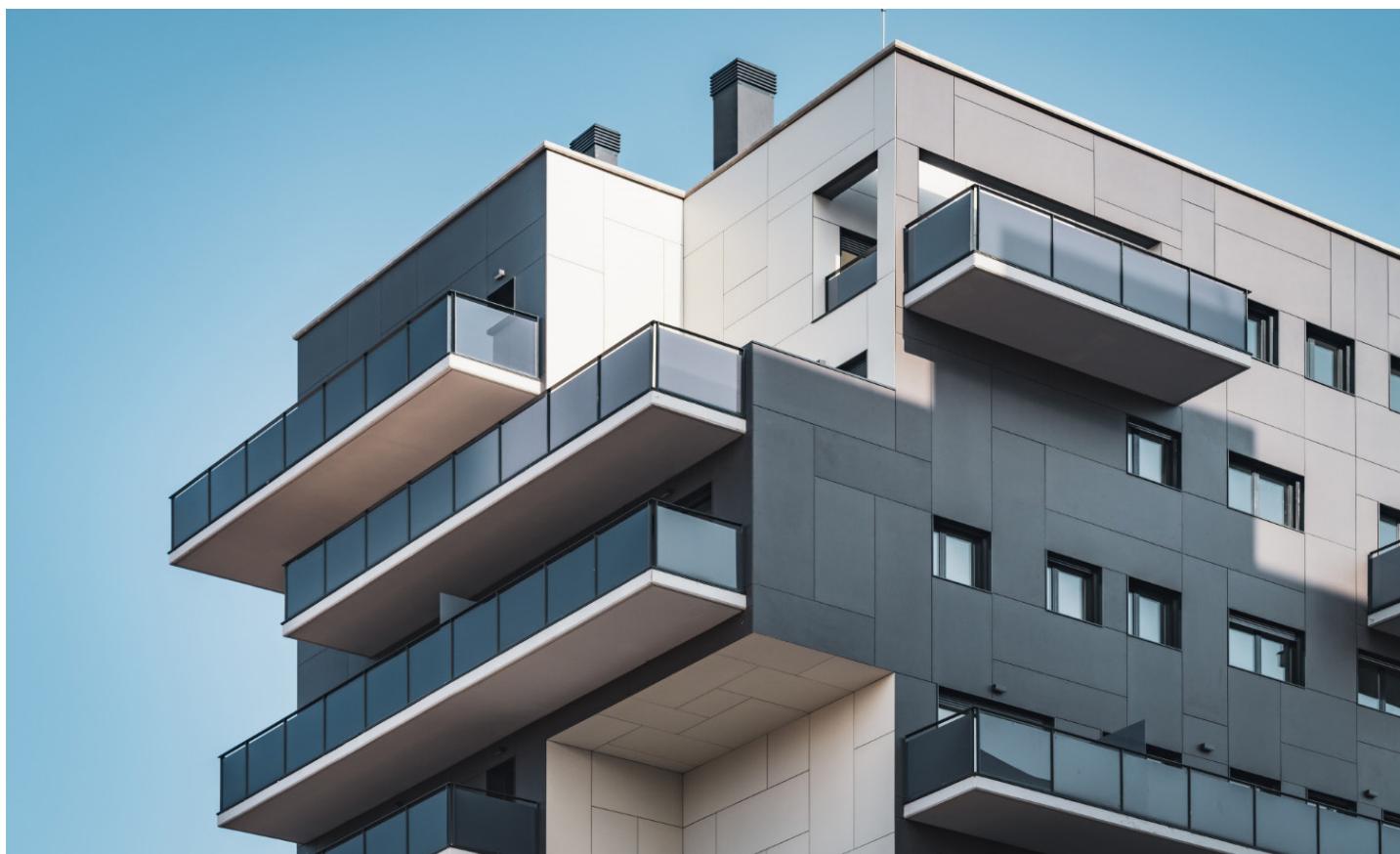
Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



Staff Accommodation Buildings

UAE, Dubai , Umm Ramool



The project particulars are as follows:

- a) 4 buildings with 5 levels residential floors.
- b) Ground level entrance comprising retail and car park
- c) 1 basement car park levels

Scope of work :

Completely design for the following systems :

Electrical Systems

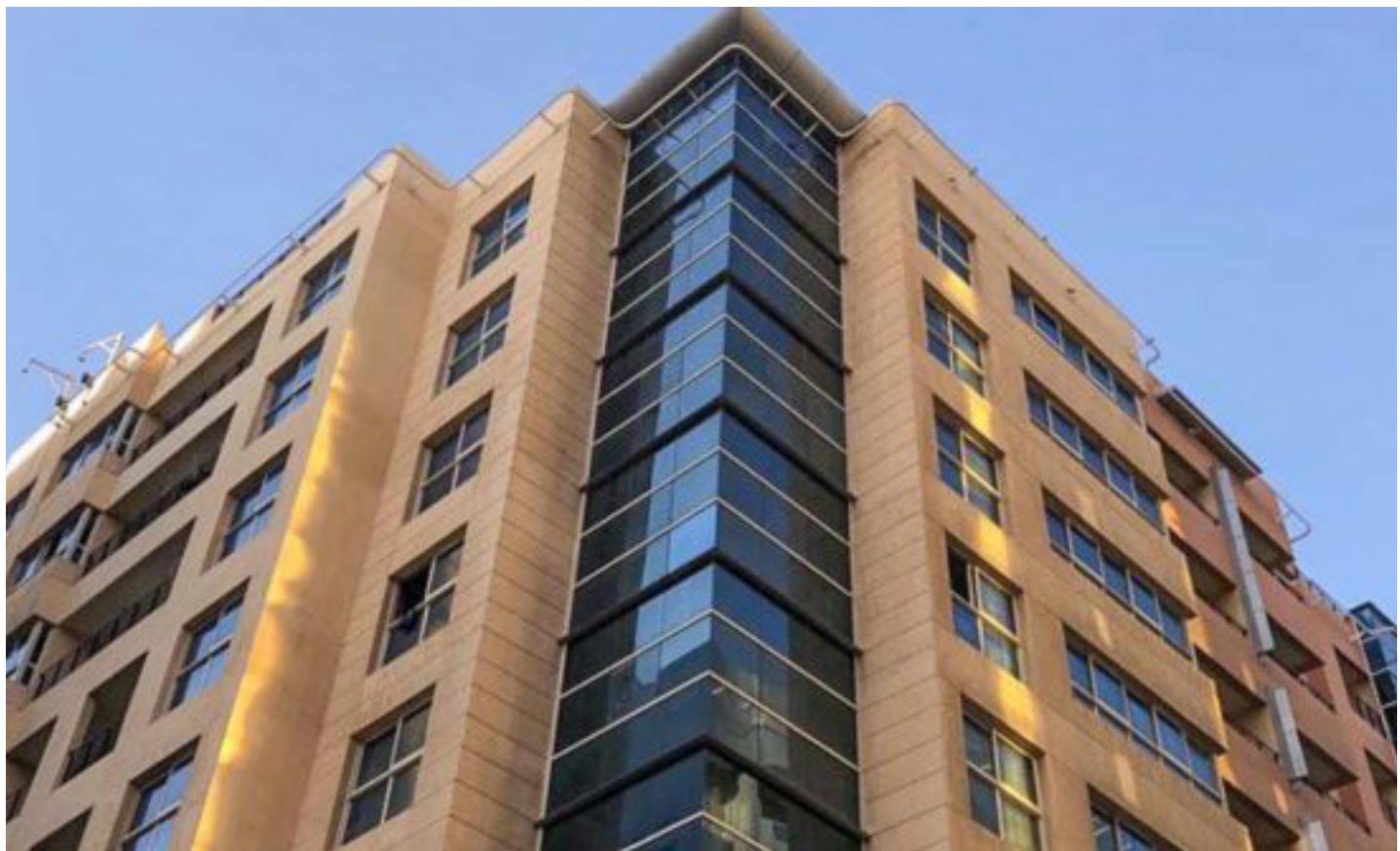
- Normal lighting system with (Dialux Calculations).
- Electrical systems to all apartments, equipment, internal and external lighting and lighting controls.
- Emergency Lighting with Central battery System with (Dialux Calculations).

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



Al – Adeyat Hotel 150 Room + Services, BUA 35,000 Sqm Jordan, Amman



Scope of work :

1- Completely full detailed design for the following systems:

Electrical Systems

- Normal lighting system with (Dialux Calculations).
- Emergency Lighting system (Dialux Calculations),.
- Power distribution system for Normal and Backup emergency Supply.
- Telecommunication and Security system.
- Full coverage fire detection, alarm system and voice evacuation systems
- Earthing and Lightening Systems.

2- Authorities' approval (JEA and CDD)

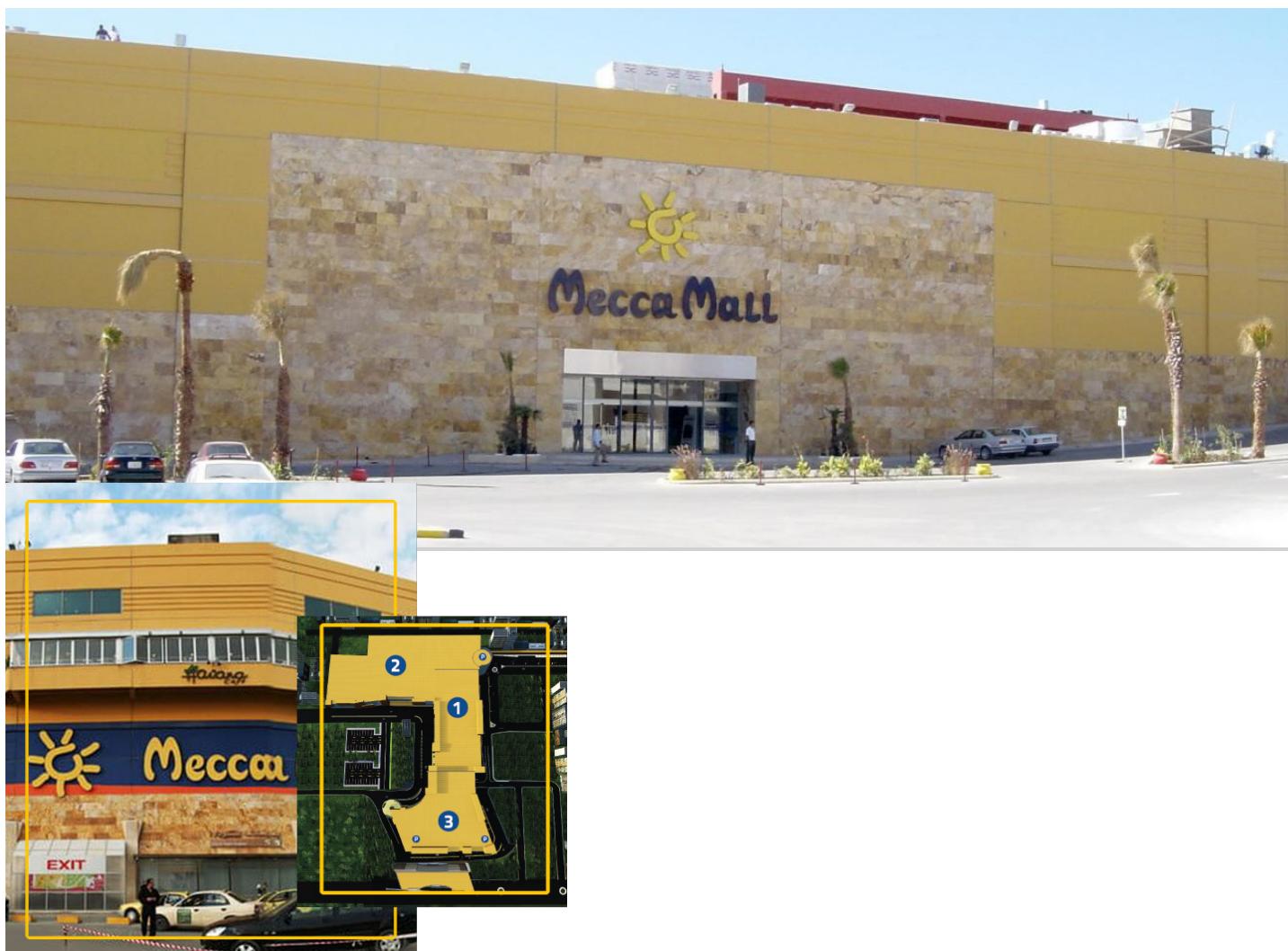
Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



Mecca Mall – Extension 3 BUA 100,000 sqm

Jordan, Amman



Scope of work :

1- Completely full detailed design for the following systems:

Electrical Systems

- Lighting system with (Dialux Calculations) for core and back of house areas.
- Power distribution system for core and back of house areas .
- Telecommunication and Security system for core and back of house areas.
- Full coverage fire detection, alarm system and voice evacuation systems .
- Earthing and Lightening Systems.

2- Authorities' approval (JEA and CDD)

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



German Jordanian Hospital 500 BED + OP

Jordan Amman

Scope of work ::

Completely concept design for the following systems:

Electrical Systems

- Normal lighting system with (Dialux Calculations).
- Electrical systems to all patients rooms, equipment, internal and external lighting and lighting controls.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Medical gases
- Mechanical calculations



Rabia Al - Kurdi Mall

Jordan, Amman, Abdoun

Scope of work ::

1- Completely full detailed design for the following systems :

Electrical Systems

- Normal lighting system with (Dialux Calculations) for core and back of house areas.
- Emergency Lighting system (Dialux Calculations), for core and back of house areas.
- Power distribution system for core and back of house areas .
- Telecommunication and Security system for core and back of house areas.
- Full coverage fire detection, alarm system and voice evacuation systems

2- Authorities' approval (JEA and CDD)

Mechanical Systems

- Drain system





Naranj Restaurant

Jordan, Amman, Abdoun



Scope of work :

Completely full detailed design for the following systems:

Electrical Systems

- Lighting system with (Dialux Calculations) for core and back of house areas.
- Power distribution system for core and back of house areas .
- Telecommunication and Security system for core and back of house areas.
- Full coverage fire detection, alarm system and voice evacuation systems .

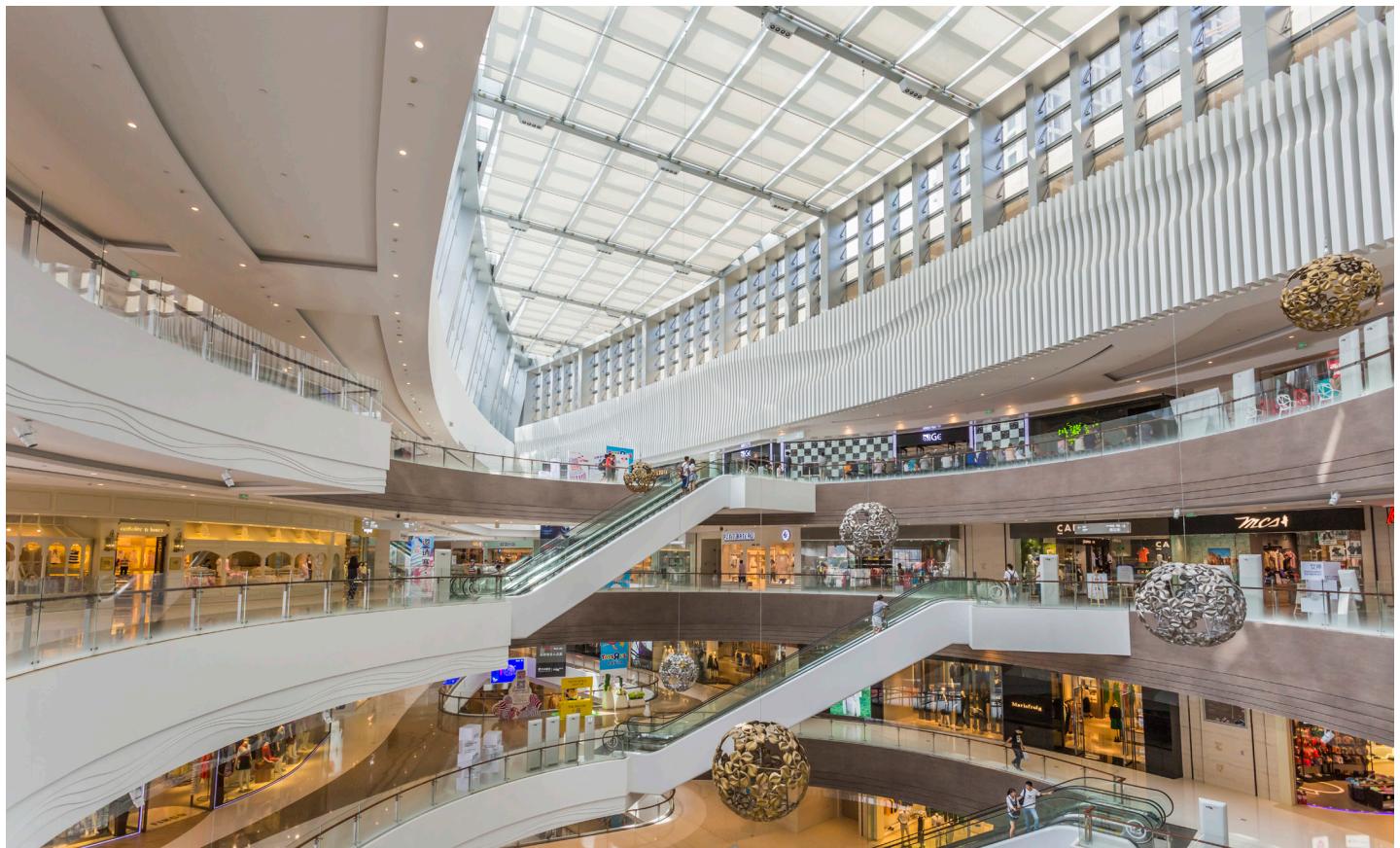
Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



Ecotots – Taj Mall “Day Care”

Jordan, Amman, Abdoun - Taj Life style



Scope of work :

Completely full detailed design for the following systems:

Electrical Systems

- Normal lighting system with (Dialux Calculations) for core and back of house areas.
- Power distribution system for core and back of house areas.
- Telecommunication and Security system for core and back of house areas.
- Full coverage fire detection, alarm system and voice evacuation systems.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



Smart By – Electronic Store BUA 14000 sqm

Jordan, Amman, 7th Circle



Scope of work ::

1- Completely full detailed design for the following systems:

Electrical Systems

- Lighting system with (Dialux Calculations) for core and back of house areas.
- Power distribution system for core and back of house areas.
- Telecommunication and Security system
- Full coverage fire detection, alarm system and voice evacuation systems.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations

2- Authorities' approval (JEA and CDD)



BRF- Food Processing Facility, BUA 36000 sqm

UAE, Abu-Dhabi, KIZAD



Scope of work:

- Working as a MEP project manager and document controller for the project and coordination between Architectural, Mechanical and electrical Engineers
- Completely design for the following systems:

Infrastructure.

- Electrical power supplies, LV and MV cables routing as per ADDC regulation and instructions.

Electrical Systems

- Electrical power distribution within the main factory and other service buildings.
- Standby power supply (diesel generator).
- Power to all production equipments.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- water treatment system
- Firefighting system
- Mechanical calculations



Mega Distribution Center, BUA 25000 sqm

UAE, Abu-Dhabi, KIZAD



Scope of work :

Completely design for the following systems :

Infrastructure.

- Electrical power supplies, LV and MV cables routing as per ADDC regulation and instructions.

Completely design for the following systems :

Electrical Systems

- Transformer substation to the standards and requirements of ADDC.

-- Distribution panels and final branch circuit panel boards, cables, wires and related accessories.

-- Power factor correction equipment

Normal and Emergency Lighting and branch wiring including:

-- Indoor lighting installations.

-- Outdoor lighting installations.

-- Emergency lighting.

Other electrical systems covering:

-- Standby power.

-- Uninterruptible power supply.

-- Earthing and Bonding system.

-- Lightning protection system.

Communication and security systems consisting of :

-- Structured cabling system.

-- Fire alarm system.

-- SMATV system.

-- Public address.

-- Security (Access control and CCTV surveillance).

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



Al-Fohais Hospital, 50 Beds

Al -Fohais , Jordan,

Scope of work :

Completely design for the following systems :

Electrical Systems

- Transformer substation to the standards and requirements of JEPCO.

-- KWh metering.

-- Distribution panels and final branch circuit panel boards, cables, wires and related accessories.

-- Power factor correction equipment

Normal and Emergency Lighting and branch wiring including:

-- Indoor lighting installations.

-- Outdoor lighting installations.

-- Emergency lighting.

Other electrical systems covering:

-- Standby power.

-- Uninterruptible power supply.

-- Earthing system.

-- Lightning protection system.

Communication and security systems consisting of :

-- Structured cabling system.

-- Fire alarm system.

-- SMATV system.

-- Public address.

-- Security (Access control and provision for CCTV surveillance).

-- Nurse Call System

-- AV system for meeting rooms.

Mechanical Systems

- Drain system

- Water system

- HVAC system

- Firefighting system

- Medical Gases

- Mechanical calculations



YALJ – Headquarter, BUA 1150 sqm LEED Building

Saudi Arabia, Jeddah

Scope of work:

Completely design for the following:

Electrical Service and distribution consisting of :

- Transformer substation to the standards and requirements of SCECO.
- KWh metering.
- Distribution panels and final branch circuit panel boards, cables, wires and related accessories.
- Power factor correction equipment

Lighting and branch wiring including:

- Indoor lighting installations.
- Outdoor lighting installations.
- Emergency lighting.

Other electrical systems covering:

- Standby power.
- Uninterruptible power supply.
- Earthing system.
- Lightning protection system.

Communication and security systems consisting of :

- Structured cabling system .
- Fire alarm system.
- SMATV system.
- Public address.
- Security (Access control and provision for CCTV surveillance).
- AV system for meeting rooms.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



Turath Resort

Dead See, Jordan



Scope of work:

Completely design for the following:

Electrical Service and distribution consisting of :

- Transformer substation to the standards and requirements of EDCO.
- KWh metering.
- Distribution panels and final branch circuit panel boards, cables, wires and related accessories.
- Power factor correction equipment

Lighting and branch wiring including:

- Indoor lighting installations.
- Outdoor lighting installations.
- Emergency lighting.

Other electrical systems covering:

- Standby power.
- Uninterruptible power supply.
- Earthing system.
- Lightning protection system.

Communication and security systems consisting of :

- Structured cabling system .
- Fire alarm system.
- SMATV system.
- Public address.
- Security (Access control and provision for CCTV surveillance).
- AV system for meeting rooms.

Mechanical Systems

- Drain system
- Water system
- HVAC system
- Firefighting system
- Mechanical calculations



Imseeh Farm House

Madaba , Jordan



Raya Club House

Aqaba , Jordan,



Mr. Jamal Hamshari Villa

Amman , Jordan



Mr. Bassam Hamshari Villa

Amman , Jordan



Orange Show Room

Amman , Jordan, City Mall



Infinity Show Room

Amman , Jordan, Abdali



Nissan Service Center

Amman , Jordan



Nissan Show Room Mecca St

Amman , Jordan



Villa Dr. Sufian Hussain

Amman , Jordan



Fouhais Church

Amman , Jordan



Ayara Villas – Residential Compound

Amman , Jordan



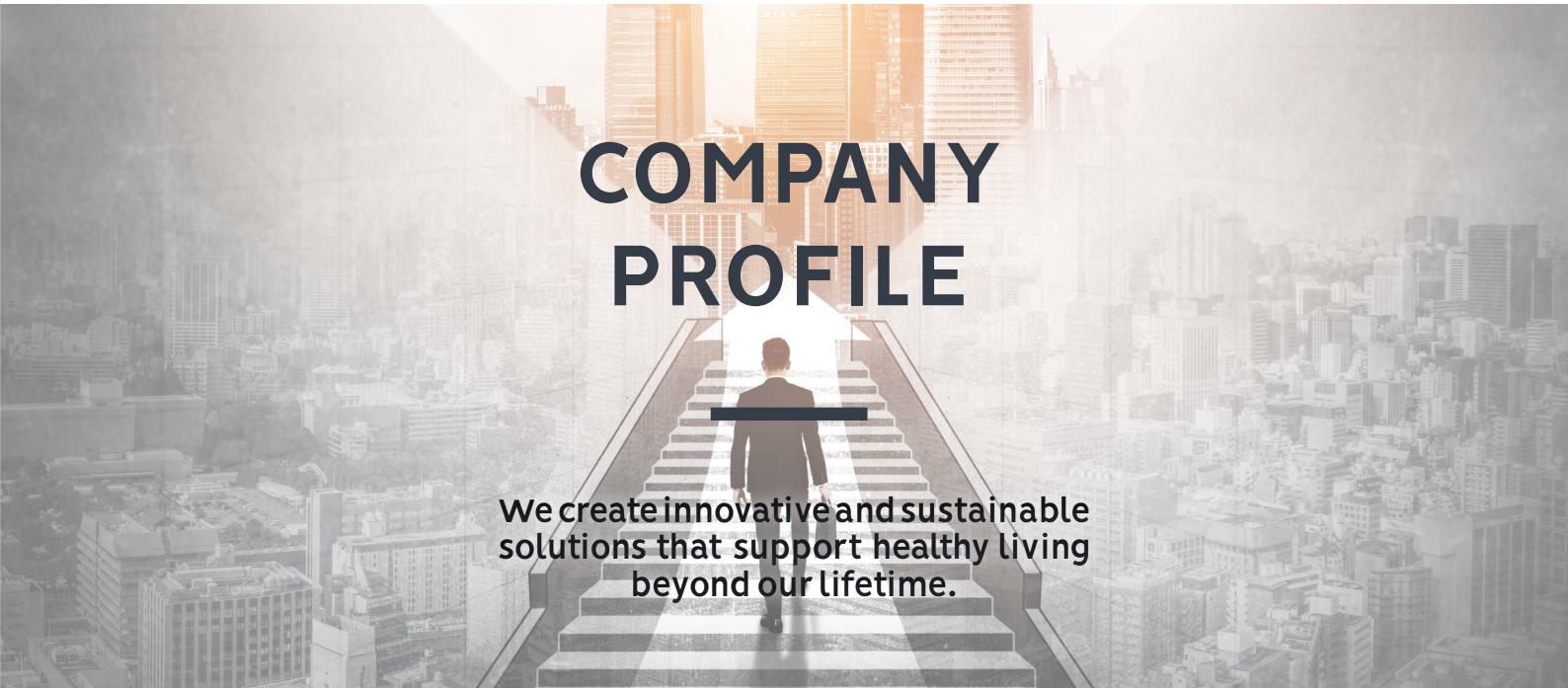
First National Consulting Services





First National Consulting Services

COMPANY PROFILE



We create innovative and sustainable
solutions that support healthy living
beyond our lifetime.

A black and white photograph of a man in a suit walking up a wide staircase. The staircase leads from the foreground into a dense city skyline. The sky is filled with various skyscrapers of different heights and architectural styles, creating a sense of depth and urban environment.

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