



# Medical PROFILE

## HOSPITALS PROJECTS

This Profile includes all projects of Diar Medical Company at the National and International levels

- www.diargroup.com

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# About Us

From 2009 DIAR has provided Reliable solutions while maintaining a Relentless focus on safety and an uncompromising standard of quality.

Today we continue our legacy of excellence with a unique business model that offers a more complete supply chain solution to our customers.



With extensive capabilities that serve our diverse end markets, we can work on a project from concept to completion and beyond.

Regardless of a project's size or location, DIAR deliver consistent, superior results, which our customers have come to expect.



# Our Mission

Engineering services without difficulties

To provide engineering and consulting services (design & supervision) for the infrastructure (civil works ,architecture and landscape), buildings and Oil & Gas projects serving our clients locally and regionally. Our clients can depend on our ability to design any project from feasibility, preliminary through for construction, tender package stages.

# Our Vision



Our vision is to be one of the key professional firms in the fields of Engineering & consulting services in MENA Region for the infrastructure, buildings and Oil & Gas sectors.

"

Design should fit the Client **Budget**.

Considering how you want to use your resources.

Our Design Principles

## Design should meet **Client Requirement**

Allowing the project team to explore variable options. and recommend the option best suited to deliver the Client Requirements.

## Design should meet the **Propose Target**

Architectural design is a discipline that focuses on covering and meeting the needs and demands, to create living spaces.

## Design should be **Easy to Applicatel**

architecture design should be easy to applicatel.

## Why Diar...?

At Diar we partner with our clients to provide superior quality solutions that deliver — or Exceed - the results they are seeking and give them peace of mind that their operations are running smoothly.

We have a reputation for innovation and a proven track record for success, having completed numerous major projects, both national and international, on spec, on time and on budget.

Health and safety is more than just a mantra at Diar; it is a driving force behind every element of our business operation.

We have a genuine commitment to conserving the natural environment, where we are recognized as leaders in our field.



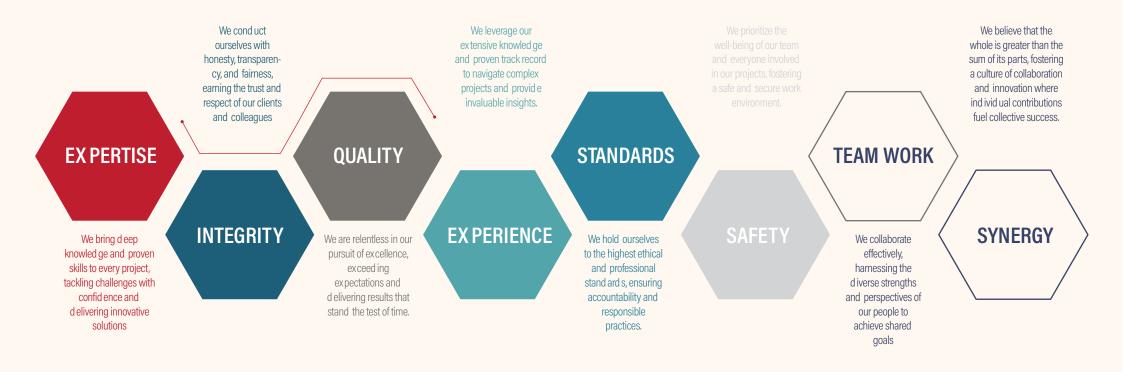
# Our Team CULTURE

Every day we work to maintain the highest level of our personnel's competence through regular training, organizational tests and the implementation of proven human resource management methods.

The members of our team have gained their experience while working on many projects and designing solutions for international corporations as leaders in their industries.

# Our Core Values

At DIAR, we're guided by [8] Core Values that fuel our success and shape our Interactions with each other and our clients.



# Project Phases

DIAR services including Engineering, procurement, and construction to meet our client satisfaction with high quality and minimum cost. DIAR believes that our quality is the main target for our team to be a competitive company in the world.

PREFEASIBILITY

The Rough screening aiming at id entifying the most promising id ea(s) and d iscard the unattractive options.

PHASE 02

**FEASIBILITY** 

A Feasibility study is the initial design stage to any project or plan. It is an analysis into the viability of an idea. They help determine if the company possess the required resources or Technologies

PHASE 03

**FEED** 

FEED (Front End Engineering
Design) means Basic
Engineering which is
cond ucted after completion of
Conceptual Design or
Feasibility Stud y

PHASE 04

DETAILED DESIGN

Detailed engineering design includes the following stages: Checking specifications.
Defining subsystems, checking, and assembling parts. Finalizing ind ivid ual parts and accomplishing technical calculations.

PHASE 05

TENDER BID EVALUATION FOR CONTRACTORS AND VENDORS

The Tend er evaluation process using weighted criteria should be ad opted to d etermine the tend er that offers the best value.

PHASE 06

CONSTRUCTION SUPERVISION

Monitor the compliance of work progress with the approved work sched ule, material / equipment supply sched ule, bud get and financial plans; d etermine critical construction / material supply / permission / approval activities, verify with upd ated d ata, establish and execute cost control system, carry out planned - actual

PHASE 07

COMMISSIONING AND START-UP

Supervise safety rule d uring Commissioning activities. -Coord inate with operator of client, and subcontractor. -Monitor the d efinition of technical assurance requirements (testing certification) and production of assurance d eliverables.



# Diar Medical Projects (In Egypt)

Diar Consulting Group has implemented or participated in the implementation and design of many medical facilities inside Egypt. Some of their notable projects like Al Mehwar Hospital, Andalusia 6th october, Andalusia Maadi and El Shohdaa .....etc.

### **New SHOHDAA**

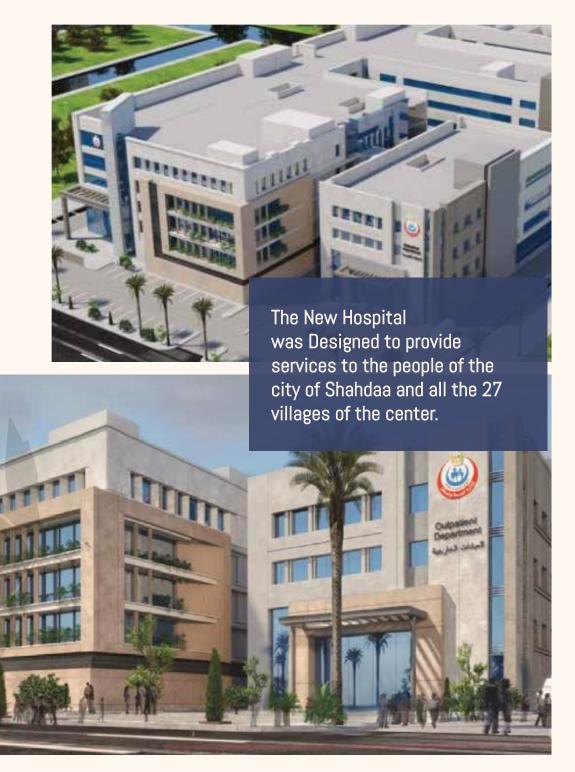
#### Hospital construction Project

The establishment of the New Martyrs Hospital on an area of approximately 21,000 square meters, with a financial appropriation of half a billion pounds, as the Undersecretary of the Ministry of Health indicated that the designs for the hospital are being prepared to start implementation.

The new hospital will be established with a financial appropriation of half a billion pounds on an area of approximately 20,800 square meters, which is scheduled to be included in the comprehensive health insurance system.

#### Diar Scope of Work was the Project (PMC)

- Consultant of the main contractor.
- Main coordinator between ministry of health, owner consultant and project contractor and designer.
- Designer reviewer for all disciplines as of architectural, civil and MEP.
- Supervisor consultant for all construction works at site.





## **AL Mehwar**

Hospitals and Health Care

**Exterior Shot** 

#### Main Consultant Project

## **AL Mehwar**

#### Hospitals and Health Care

Al Sheikh Zayed, Giza

Diar is the main Consultant of Al Mehwar

Hospital that provided consulting Design and Engineering services for the whole project and construction supervision. Our team worked tirelessly to ensure that the hospital was designed and built to the highest standards to match the local and international codes, with a focus on safety, efficiency, and sustainability.

Al Mehwar Hospital located in 6 of October Cairo Egypt on a built-up area 28000 m2 consist of Basement + Ground + 5 floors

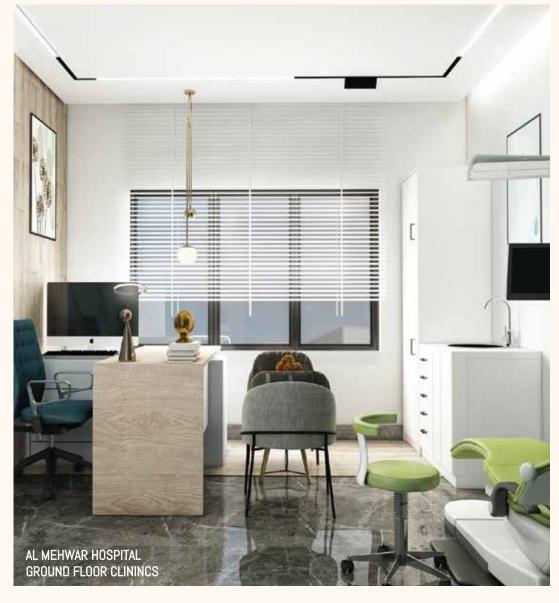


#### Main Consultant Project

## **AL Mehwar**

Hospitals and Health Care

Interior Shots















## ANDALUSIA MAADI

#### Hospital

#### Maadi, Cairo

- Andalusia Group aimed to build a New Extension to Andalusia Hospital in New Maadi to be partially merged later with the existing hospital.
- The new standalone building is on total plot area 600 sqm with 4400 sqm built up area divided on 11 floors (Two Basement floors Ground Floor 7 floors Roof Floor).
- The New Andalusia general hospital after extension will con- tain 40 beds.



# Diar Scope of work: MEP Package Design and shop drawing Diar was responsible for the design, installation, and maintenance of the mechanical, electrical, and plumbing systems in a building. These systems are essential to the safety and comfort of the occupants and must be properly designed and installed to function properly. including Electrical, Low Current System.

## El Zaytoon Specialized

Hospital

Al Amireya, Cairo

Al-Zaytoun Specialized Hospital contains most of the medical specialties, which are "heart - brain and nerves - digestive system and endoscopy - kidney medicine and surgery - orthopedics - joint and cartilage treatment - fracture

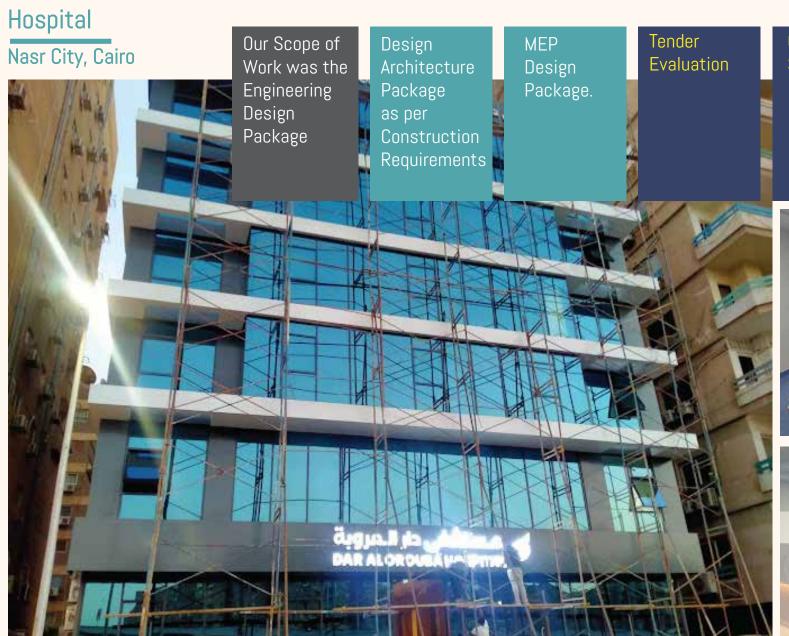




Diar Scope of work: Fire fighting and Fire Hose system Package Design and shop drawing

- Hydraulic calculations: Determining the water flow requirements and pipe sizes to ensure adequate coverage and pressure throughout the system.
- Sprinkler selection and placement: Choosing the appropriate sprinkler type (e.g., wet, dry, pre-action) and strategically positioning them based on the fire risk and occupancy.
- Pump and water supply selection: Sizing and specifying pumps and water storage tanks to meet the system's flow and pressure needs.
- Alarm and control system design: Integrating the fire fighting system with the building's fire alarm system for early detection and automatic activation.
- Standpipe and hose system design: Including stand pipes and fire hoses in strategic locations for manual firefighting by trained personnel.

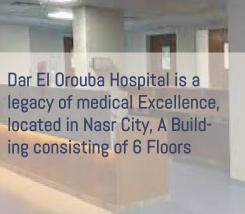
## Dar El Orouba

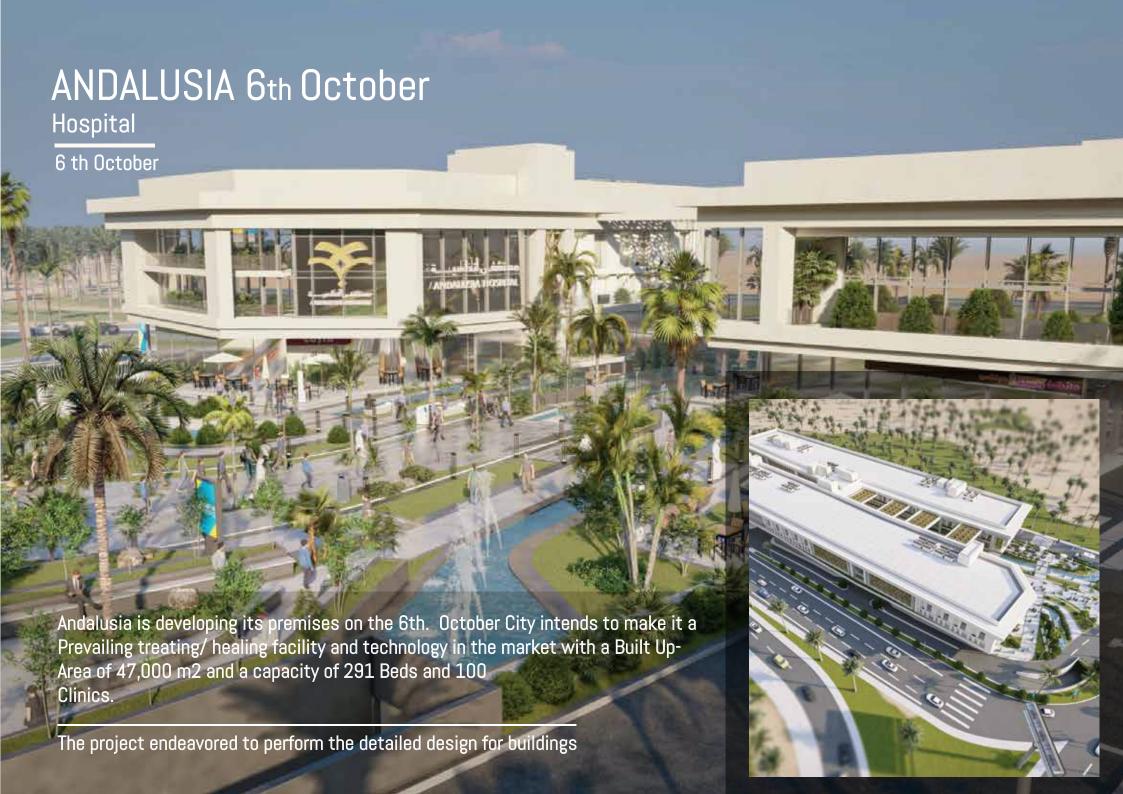


Construction Supervision

Procurement Support

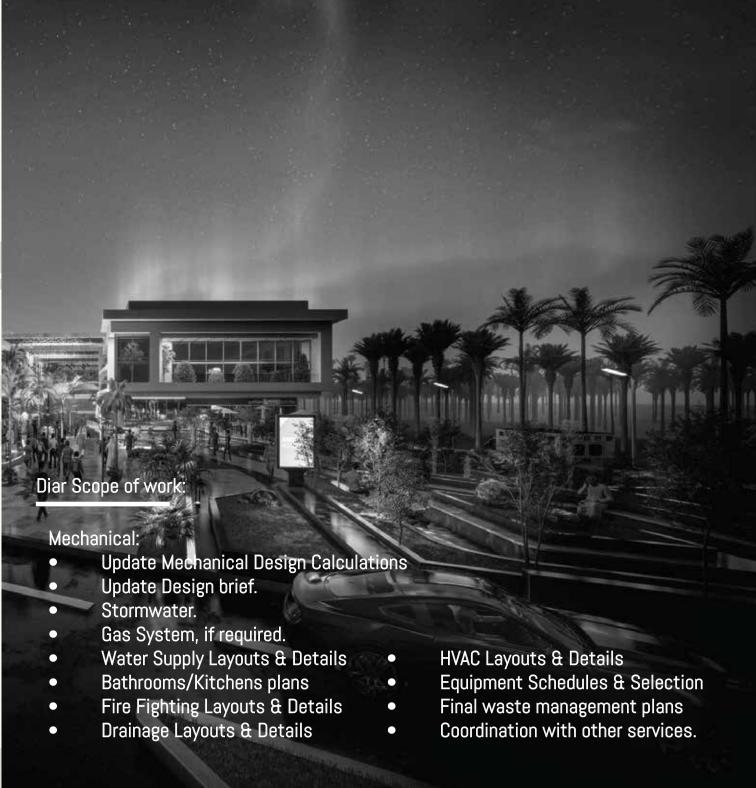














## AI ASSEMA

#### Hospital

Al Sheikh Zayed, Giza

This project located in AL Dokki, Cairo The client decide to make convert a residential building into a 10th floors hospital with total built up are a of 4000 SQM





#### Diar scope of work:

- Architecture Design Package as per Construction.
- Requirements Prepare Soil Report.
- Structure Design Package.
- MEP Design Package.
- Preparation of drawings and documents Required for the extraction of construction license.

## MISR EL-GEDEDA

Hospital

Cairo, Egypt







Diar Scope of work was toperform and deliver the Complete Following items:

- Architecture Design Package as per Construction requirements.
- Prepare soil Report.
- Structure Design Package.
- MEP Design Package.
- Preparation of drawings and documents required for the extraction of construction license.

# Diar Medical Projects (In Mena Region)

Diar Consulting Group has implemented or participated in the implementation and design of many medical facilities in the Middle East. Some of their notable projects like, New Heart of Jaddah (Andalusia Jaddah) the first smart hospital in jaddah and Dr. Sulaiman El Habib Hospital.





Andalusia Hospital in Jeddah is distinguished for its exceptional health experience that combines treatment and well-being for patients. In this hospital, the focus was on the entire patient's journey through the combination of innovative design, modern technology, and distinguished medical services in one place.

## **ANDALUSIA**

(New Heart of Jaddah)

Jadddah - Saudi Arabia

Andalusia group is launching Andalusia Jeddah New Hospital (New Heart of Jeddah) in 2023, The most modern smart hospital in Saudi Arabia - Jeddahand which presents a new concept of healthcare, healing and wellness. size: 5000 sqft - 10,000 sqft

The design features of the hospital also include the presence of 4,000 square meters of hanging gardens, a comprehensive entertainment system, and commercial services that meet the needs of patients. It also has integrated medical centers to improve patients' quality of life.



The project involved a comprehensive overhaul of the hospital's design and planning to incorporate smart technologies and advanced healthcare systems. Diar Consulting Group utilized their expertise in architecture, medical planning, and

structural engineering to create a state-of-the-art facility that meets the highest standards of modern healthcare.



Diar Scope of work:

Diar Consulting Group successfully completed the re-design of the architectural, medical, and structural planning, MEP (Mechanical, Electrical, and Plumbing), and prepared the tender package for the Andalusia smart hospital in Jeddah. This remarkable achievement was accomplished within a record time of just 3 months.



## AI MOOSA

#### Al Ahsa - Saudi Arabia

Specialist Hospital for Rehabilitation and Long-term Care

Al Moosa Specialist Hospital for Rehabilitation and Long-term Care this hospital is designed as a micro-village that embraces nature and the surrounding landscape. The master plan takes its inspiration from the Al-Ahsa region's natural landform of an oasis, while the building design fosters healing through its connections to nature.

- The hospital Consist of 220 beds, 10 operation rooms.

- The building consist of 25 floors, five (5) basements, 2 floors for services (ground and fourth Mezz floors), 18 Floors.

- Note that, the above mentioned areas are for each floor.
- The total area far the hospital 50,250 m2

#### Diar scope of work:

- Review Architecture Design Package as per Construction requirements.
- Review Structure Design Pakage.
- MEP Design Package
- Preperation of Drawings and documents required for extraction of construction license.









Diar scope of work is to Redesign and shop drawings for all MEP systems.

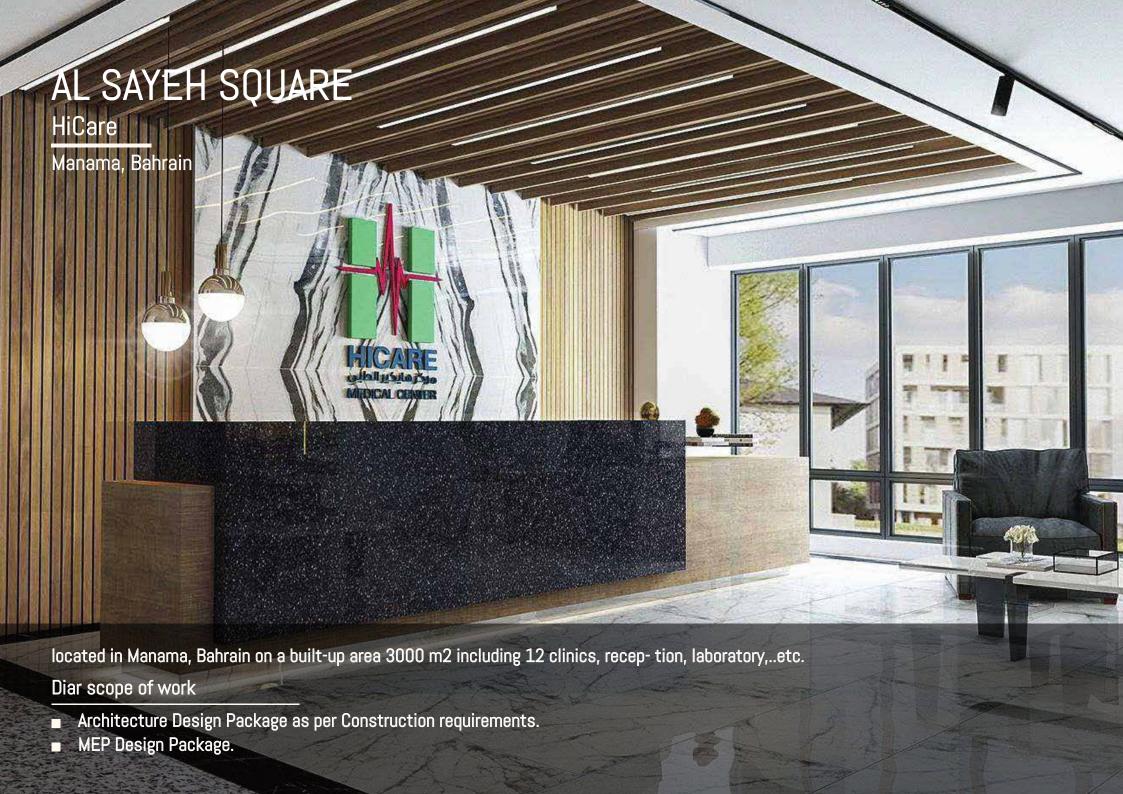
The most challenge for this project that the client request to submit the shop drawings for the whole project in just 4 months including the composite plans.

## Dr. Sulaiman Al Habib - Hospital

#### Al Khobar - Saudi Arabia

Dr. Sulaiman Al-Habib hospital in Al-Khobar is about two million square feet, with a capacity of 600 beds, 100 of which are for in- tensive care of all kinds. This hospital includes more than 450 clinics covering all specialties, and includes two towers, each consisting of 16 floors, with a height of more than 63 meters, and parking spaces exceeding 1,600 cars.







# Diar Renovation Projects

## **ABC Hospital**

#### Hospital

Syria Street, El Mohandseen, Cairo

ABC Hospital was established in 2019 as the first hospital specialized in obesity and plastic surgeries in Egypt and Africa. The hospital also obtained the American accreditation from the Surgical Review Corporation (SRC) in 2019, and the accreditation was renewed in 2022 for the second time in a row to become the first hospital accredited by the corporation in Egypt and Africa.







Diar Scope of work:
The Hospital Engineering Design Package

MEP Design Package. Tender Evaluation Construction Supervision

Procurement Support

## DAR-ELSHEFAA

#### Hospital

Dar-elshefa Hospital located in Abbasiya,





- Design:
   Renovation for three floors including
   Covert 27 beds patient rooms
   floor to 57 beds and
   Renovation scope.
- MEP Design Package.
- Basic and detailed engineering of the Dar Al Shefa hospital firefighting System





## Dar El Fouad

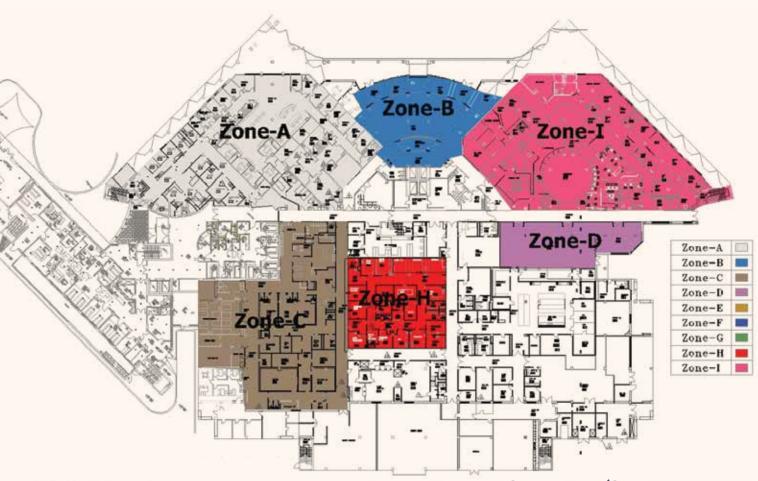
#### Hospitals

Al Sheikh Zayed, Giza

Architectural and MEP Design Renovation for Dar Al Fouad Hospital (El-Shiekh Zayed Branch)

#### The Design was aimimg to:

- Meet the client budget for the project by flexible design and materials speciation's customized for the project.
- Maximizing the area utilization.
- Increasing number of beds with the same exiting facility areas.



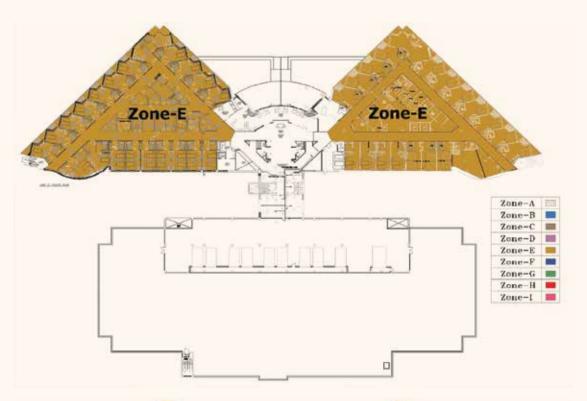
Ground Floor (Clinics-Management Entrance-Laboratory-Imaging-Cafeteria)

## Dar El Fouad

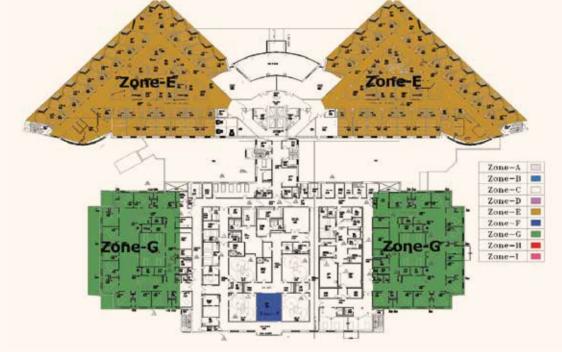
#### Hospitals

Al Sheikh Zayed, Giza

Architectural and MEP Design Renovation for Dar Al Fouad Hospital (El-Shiekh Zayed Branch)



First Floor (Patient – ICU Rooms)



Second Floor (Patient Rooms)



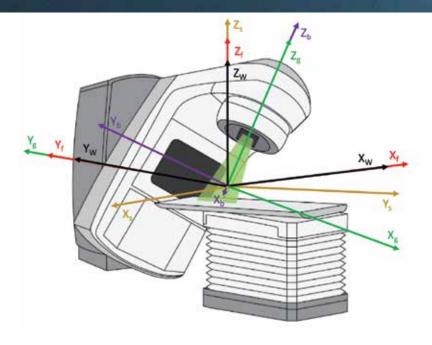
## Linear Accelerator

#### Diar scope of work

EPC for full package of Architecture and MEP works for the Linear Accelerator room and related control room including the following:

- Architecture finishing
- HVAC
- Electrical
- Low Current systems





- Air Force Military Hospital
- Moustafa Kamel Military Hospital
- Maado Military Hospital
- El GALALA Military Hospital
- ◆ Wadi El Nile Hospital
- Domietta Building Cancer Center Hospital

# Leksell Gamma Knife

## **Elekta**

lcon

Shaping a new era in intracranial radiosurgery

#### Diar scope of work

Design all electrical, HVAC and control works for the Gamma Knife equipment and related control room including the following:

- HVAC
- Electrical



Making your Vision become a Reality is our Specialty



Since our foundation, Diar has established successful business Relationships with many international business partners, completing projects of massive scales and following through on its commitment to safety, value creation, optimized solutions and responsiveness. Diar's clients expand across the entire globe with landmark projects.







































































### Certifications

Out of international / national interest of the quality, environment and occupational health & safety and in line with Egypt's vision 2030 for achieving sustainable development and the company interest with the customers satisfaction and continual improvement, Diar has the leadership in obtaining certificates of international standards for:

- · Quality Management Systems (ISO 9001)
- · Environmental Management Systems (ISO 14001)
- · Occupational Health & Safety Management Systems (ISO 45001)

The implementation of the requirements of these international standards was effectively considered in all of the company's projects and activities in all stages (design, procurement and construction supervision) through an integrated management system to monitor, evaluate and improve Diar performance in the Quality, Environmental& Safety and Customer Support Management Systems.



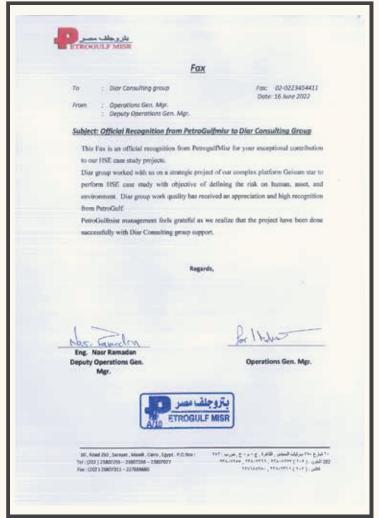




## Clients Appreciation







These certifications and Clients Appreciations demonstrate our commitment to excellence and expertise in various engineering disciplines, and showcase our ability to deliver high-quality and reliable engineering services to our clients.

## Our Offices Map

Diar has successfully completed hundreds of projects all around the world, We operate throughoutt he surrounding region using the combined resources to serve public and private clients in the infrastructure, buildings and Oil & Gas sectors..





EGY Add. Villa 9, El Shaikh Mohamed El Gizawy street Zone 9 - 1st Settlement, New Cairo – Cairo, Egypt UAE Add. RAKEZ free zone, RAK, UAE



Visit Our Website











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