

# FUNDAMENTAL EXCEPTIONAL SERVICES STANDARDS

COMPANY PROFILE

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EMDAD ARCHITECTS & ENGINEERS

# INNOVATIVE IDEAS PRACTICLE SOLUTIONS

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# **OUR VISION**

To provide recognized, optimum, affordable and reliable multidisciplinary engineering and consultancy services.

# **OUR MISSION**

Being one of the best engineering and consulting firms that recognize high operations standards, teamwork, accountability and client satisfaction in the local and regional markets. We are committed to operate ethically on a sound financial basis of profitable growth, increase value for our shareholders, improve the community where we serve and provide career opportunities and financial rewards for our employees.

# CORE VALUES

### **Team Work**

Working collaboratively with others to achieve common goals and positive results.

### **Communication**

Interacting with other team members, employees and clients openly and effectively demonstrating accuracy, comprehensibility, transparency and clarity whether through verbal or nonverbal communication mediums.

### **Technical Credibility**

Demonstrates a designated level of technical skill or knowledge in a specific technical area(s) and keeps up with current developments and trends in areas of expertise.

### Accountability

The extent to which one internalizes and outwardly expresses responsibility for timeliness, commitment to task, adherence to performance standards, and conformity with the rules and policies of an organization.

# ABOUTUS

EMDAD began its journey 2015 providing fundamental services of exceptional standards in order to close-out stages and instigate construction commencement for high profile projects and ventures involving even governmental entities in the KSA, Egypt and Bahrain. Services extended to design, design review, shop drawings delivering cutting edge solutions with optimum quality.

# **OUR CLIENTS**

Since it's establishment, EMDAD provides services to a diverse customer base. Our primary goal is to provide innovative and cost-effective solutions to meet our clients' expectations. We listen and focus on your needs. Developing client-based solutions to get your project completed on time and on budget is what drives us. Our clients includes:





































## **OUR SERVICES**

**EMDAD** provides an array of architectural and engineering services with a knack for innovative and cost-efficient solutions, all while meeting client objectives and abiding by international codes and standards.



### **ARCHITECTURAL & ENGINEERING**

EMDAD provides A/E services including the following trades, Architectural, Structural, Mechanical (Fire Fighting and HVAC), Electrical and Telecommunication. landscape and infrastructure are also included. EMDAD services cover design (concept designs, schematic design, design development, detailed design and tender documents).

#### **SHOP DRAWINGS**

EMDAD provides Detailed shop drawings sets that show the proposed material, shape, size, and assembly of the parts and how the entire unit will be installed. This set of shop drawings provides the details of various components that help in the construction of a project. Accordingly, EMDAD also provides As Built drawings that is similar to the final draft of the building and includes every change which the project has undergone during planning and execution.

#### **DESIGN REVIEW**

Our Design Review services make sure that the design meets the intended functionality, performance and cost objectives of the client. EMDAD's Team works to adequately analyze all the data of the project existing or in concept phases to provide designs and solutions following both local and international standards. Throughout the process, we catch early inconsistencies and discoordination in the project architecture and other engineering disciplines. Moreover, EMDAD design review committee ensures applying Value Engineering concepts while preserving reliability.

### **BIM SERVICES**

Building Information Modeling is one of EMDAD's strengths in design and constructability analysis. All projects are being built in BIM to ensure accurate coordination and real MEP and construction experience to make us able to provide Detailed highly coordinated drawings that exceeds our client's expectations. Our BIM professionals are available to support the projects from our office and on site upon the client's request.



# Al Baha Airport Expansion

Airport Project

the Kingdom 2030, and as part of its program to upgrade its domestic airport network, Saudi Arabia General Authority for Civil Aviation (GACA) is planning an expansion and renovation of Al Baha Domestic Airport in Al Baha.

Within the framework of the overall vision of

GACA has studied and designed the King Saud airport in AL Baha to accommodate 1 million passengers annually, and to be in accordance with international standards in line with the economic growth of the southern region.



### **PROJECT SUMMARY**

**Client**: Saudi Arabia General Authority for Civil Aviation (GACA), KSA

**Location**: Al Baha City **BUA**: 20,000m<sup>2</sup>

**No. of Buildings**: Terminal Building, Rescue & Firefighting Building, Gate, Airside Gate,

Power Plant, Tanks, Apron

**Scope of Works**: Architectural and Structural Design, Design review for all disciplines, SDs for all disciplines, Site Technical support, Quality control on site, QS, As Built.



# Al Jouf Airport Expansion

Airport Project

Within the framework of the overall vision of the Kingdom 2030, and as part of its program to upgrade its domestic airport network, Saudi Arabia General Authority for Civil Aviation (GACA) is planning an expansion and renovation of Al Jouf Domestic Airport in Al Jouf.

GACA has studied and designed the King Saud airport in AL Jouf to accommodate 1 million passengers annually, and to be in accordance with international standards in line with the economic growth of the southern region.



### **PROJECT SUMMARY**

**Client**: Saudi Arabia General Authority for Civil Aviation (GACA), KSA

**Location**: Al Jouf City **BUA**: 20,000m<sup>2</sup>

**No. of Buildings**: Terminal Building, Mosque, Gate, Airside Gate, Power Plant,

Tanks, Apron

Scope of Works: Architectural and Structural Design, Design review for all disciplines, SDs for all disciplines, Site Technical support, Quality control on site, QS, As Built.





### **SWAN LAKE** The Phoenix Residence

**Residential Project** 



**Client**: Hassan Allam Properties (HAP) **Location**: New Cairo, Suez Road, Cairo - Egypt

**Plot Area**: 92,270m<sup>2</sup> **BUA**: 157,133m<sup>2</sup>

**No. of Buildings**: 14 Buildings (G+6)

No. of Units: 798 Units **Scope of Works**: Schematic

**Detailed Design** 

Permit Tender IFC





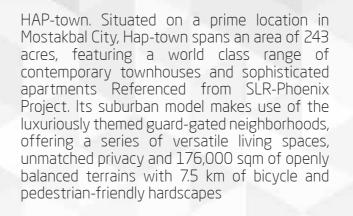
Swan Lake Residences New Cairo is HAP fifth The Phoenix consists of apartment buildings' double exclusively gated neighborhood, The Phoenix, is located within Swan Lake and considered the renaissance of chute systems, underground as well as surface parking luxury living, defining a new accessible dimension to artfully executed elegance. The Phoenix is a fully offering comes in exceptionally curated deluxe one finished accessible luxury product that allows its residents an integrated ecosystem experience drenched in exclusive amenities and facilities that mirror SLR.

height entry lobbies, elevators, fire escapes, garbage spaces and scenic communal parks. The product bedroom, two bedroom and three-bedroom apartments, designed to be accessible, practical and still luxurious.

## **Haptown**

Season Extension (Park 226)

**Residential Project** 





### **PROJECT SUMMARY**

**Client**: Hassan Allam Properties (HAP) **Location**: Mostakbal City, Cairo - Egypt

Plot Area: 135,467m<sup>2</sup> BUA: 134,835m<sup>2</sup> No. of Buildings: 22 No. of Units: 884

**Scope of Works**: Concept Verification

Schematic Design
Detailed Design
Pormits

Permits Tender IFC



## **Sueño Compound**

**Residential Project** 



**Client**: SAK for Real Estate Developments

**Location**: New Capital, Cairo - Egypt

**Plot Area**: 46,377m<sup>2</sup> **BUA**: 69,437m<sup>2</sup> **No. of Buildings**: 13

Scope of Works: Concept Design

Schematic Design Detailed Design Tender Documents Site Supervision

The residential community is located in the New Capital, Cairo on a total land plot of about 46,377m<sup>2</sup> with a total built-up area of 69,437m<sup>2</sup>. The compound is divided into 4 types of post-modern designed buildings with a Spanish architectural twist cascading across a three (3) level masterplan. The residential units consist of 2 bedroom apartments, 3 Bedroom apartments, duplexes, penthouses, a gym and commercial spaces, encompassed within a lavish landscape that includes an infinity pool, swimming pool, and other water features such as fountains and a waterfall, as well as a kids play area, pathways and outdoor seating areas. The roof top is designed for solar water heater system installation along with a one level basement for car parking.









## **Jabal Omar**

**Residential Project** 

### **PROJECT SUMMARY**

**Client**: Jabal Omar for Development, KSA

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**Location**: Makkah **Plot Area**: 275,000m<sup>2</sup> **BUA**: 273,352m<sup>2</sup>

Scope of Works: Concept Design

This project is considered one of the leading housing developments in Makkah with a capacity of 10,000 employees working for Jabal Omar for Development Co. The project comprises 6 types of residential buildings and villas with a total built-up area of 187,152m² as well as public facilities that include a shopping mall with a total built-up area of 64,000m², a fitness center with a total built-up area of 64,000m², and 5,500m² built-up area for public amenities and a mosque.

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EMDAD's scope of work covers all architectural, structural and electromechanical design stages as well as electromechanical networks such as potable water, fire-fighting, storm drainage, irrigation, water waste-water, electrical and communication networks and streetscape lighting.







Belle Vie The Town Center

Office Building **Project** 

**PROJECT SUMMARY** 

**Client**: Emaar Misr

**Location**: Sheikh Zayed, Egypt

**BUA**: 150,000.00m<sup>2</sup>

**Building Height**: G+4 (Retail/Admin/Clinics

Scope of Works: Design Validation

Schematic Design to IFC

The New Zayed development is a 500 Fdn located on the Eastern entrance of Zayed Extension area, facing Al Dabaa Corridor (which is connecting Cairo to North coast). Strategic premium location connected through surrounding

side and Cairo-Alex highway from North side. The which vitalize the community fostering a Master plan of the development capitalize on the rich public realm. harmony of connected neighborhoods through tributaries of green spaces, the city will constitute a

main roads with direct access from Zayed city on East network of open spaces with unique activity nodes





## AL KHOBAR BUSINESS PARK

Office Building Project

### **PROJECT SUMMARY**

Client: Jenan Real Estate Location: Al Kobar - KSA Plot Area: 8,350m<sup>2</sup> BUA: 17.856m<sup>2</sup>

**Building Height**: G+9

**Scope of Works**: Schematic

**Detailed Design** 

Permit Tender IFC Al Khobar Business Park located on the main coastal road (King Faisal Road), where all the services, markets and shops are located in one of the most luxurious district in Al Khobar City. The project is a mixed-use development that

consist of offices, and commercial podium for retail, cafes and restaurants. With plot area around 15,590m<sup>2</sup> with a total built up area more than 130,000m<sup>2</sup>. The project will have two office buildings connected with the bridge with approx. 10,000m<sup>2</sup> of

offices and retail park with F&B outlets approx. 3,500m<sup>2</sup>. There is one basement level providing total of 170 parking bays with 83 parking bays at GF level (total 253 parking bays).



# Elite Mixed-Use Building Office Building Project

### **PROJECT SUMMARY**

**Client**: Landmark for Real Estate Development **Location**: New Administrative Capital, Egypt

Plot Area: 5,492m<sup>2</sup> BUA: 13,180m<sup>2</sup> No. of Buildings: 2

Scope of Works: Concept Design

Schematic Design Detailed Design Tender Documents Site Supervision Buildings A and B are located at the new administrative capital on a total land plot of about 5,492m² with a total built-up area of 13,180m², both buildings comprise mixed-use facilities that consist of seven (7) typical floors that include clinics and a commercial/F&B podium merging the ground and first floors. The rooftops are designed to host different activities, building A's rooftop is designed to accommodate conferences and

occasions, while building B's rooftop includes a spa, pool and juice bar.

The post-modern sleek design of the building's façade is accented with decorative structures inspired by the brand name's logo to add identity while the stone structure and flower boxes covering the building offer an advertising function, providing support for outdoor digital display screens and light for advertising material.







# **Soul Luxury Beach Resort**

**Hospitality Project** 

### **PROJECT SUMMARY**

**Client**: Eagle Hills UAE - Emaar Misr **Location**: North Coast, Egypt

Plot Area: 580 Acres

**BUA**: 11 Residential Villas, from 200 up to 900 **Scope of Works**: From Schematic to IFC

Soul is a pioneering 580 acres luxury resort that instills a sense of belonging, inspiration, and peace amidst one of the world's most stunning natural beach landscapes in the North Coast offering %85 standalone villas with infinity terraces for uninterrupted views along with unique beach houses.

Soul Luxury Beach Resort boast an unprecedented master plan featuring beach mansions and homes connected to nature, the unrivalled sea views of the Mediterranean, and the water front lagoons, lush green spaces and an array of unique amenities that caters to every need.

# Soul Luxury Beach Resort | Office Building Project



The project is located In a distinguished location close to all roads leading to the cities of the North Coast. Soul beach spreads on 1.5 KM of sandy coastline, with revitalizing vistas and activities along the waterfront.

Soul is full of luxurious, innovative European-style designs. The resort has been design with natural terraces, so you can enjoy a panoramic view of the sea from various sides.







### Dana Beach Walk

**Hospitality Project** 

### **PROJECT SUMMARY**

**Client**: Dana Bay Tourism Company **Location**: Dana Bay Resort in Half-Moon, Al-Khobar, KSA

**BUA**: 10,798m<sup>2</sup>

**Scope of Works**: Schematic Design Tender Documents

Tender Documents
Construction Drawings

Dana Beach Walk is a commercial and recreational water front project located inside Dana Bay Resort and overlooking the Laguna, and it will be developed over a land area of 42,517 square meter.

A built-up area of 10,798 square meter for Retail/F&B with Nine (9) total number of buildings, along with few amenities' standalone facilities. The project will be developed as following: Four (4) buildings with a single level unit and five (5) buildings with a two levels unit, (G and G1+) along with few small buildings for amenities and services (G only).





## Villaggio 2

**Hospitality Project** 

### **PROJECT SUMMARY**

Client: Jenan Real Estate Location: Al Kobar, KSA

**BUA**: 12179m<sup>2</sup>

**Scope of Works**: Design Review for all

disciplines

Villaggio 2 is a commercial and recreational with a full range of restaurant, cafes, confectionery, fast food and more. Villaggio features a meticulously planned architectural design with vast open spaces and beautiful landscaping that includes green areas, soothing water pools and a dancing fountain to complement its exceptional design and extraordinary luxury ambience throughout the village.









# The V

Mixed-Use Project

### **PROJECT SUMMARY**

**Client**: SAK Real Estate Development

**Location**: New Capital, Egypt

**Plot Area**: 7,300m<sup>2</sup> **BUA**: 15,000m<sup>2</sup>

Scope of Works: Concept Design

Schematic Design
Design Development
Detailed Design
Tender Documents
Technical Support

The V is a mixed use composed of retail spaces and restaurants, in addition to office spaces and clinics. The V is part of 50,000m<sup>2</sup> development located at plot R07-N4, the New Capital.

The design is on a V shape with light curved square overlooking green valley to the north and adjacent to the main roads to the south that give an easy and more smooth access to the V.



# The V | Mixed-Use Project



The four (4) story mixed use Building is divided to 2,190m2 retail and restaurants area on ground floor that accompany twenty eight (28) shops. The first and the second floors are divided between office buildings and clinics covering 4,400m2. The residential studios are located at the third floor forming thirty five (35) spaces varying between one and two bedrooms.







### **Destination Mall**

Mixed-Use Project

### **PROJECT SUMMARY**

**Client**: Memar Alashraf **Location**: New Cairo, Egypt

Plot Area: 3,420m<sup>2</sup>

**BUA**: 4,110m<sup>2</sup>

**Scope of Works**: Competition second prize



PROPOSAL 1



PROPOSAL 2



PROPOSAL 3



PROPOSAL 4





Memaar Al-Ashraf is one of the companies working in the field of real estate investment and development, whether commercial or residential, based on 40 years of experience in building and constructing villas and residential towers. The project is located at The Lotus is a new neighborhood in New Cairo.





### King Abdullah Medical City

**Healthcare Project** 

### **PROJECT SUMMARY**

**Client**: Ministry of Health Affairs, Bahrain

**Location**: Durrat Al Bahrain **Plot Area**: 1,000,000m<sup>2</sup>

**BUA**: 800,000m<sup>2</sup> **No. of Buildings**:

Phase 1: 3 Buildings, Buildings; 8 storey, 3 storey

Clinics, clinical services (432 Beds)

Phase 2: Hospital Extension (500 beds), Research

centre

The King Abdullah bin Abdulaziz Medical City will be a medical destination for the people of the Kingdom of Bahrain and the other GCC countries and will be an education lighthouse and an advanced medical centre to provide diagnostic and therapeutic services to citizens of the GCC countries.

The project involves the construction hospital building development on 100ha of land. It includes an outpatient clinic, a research center, a laboratory, a pharmacy, a dialysis clinic, an imaging center, an emergency department, administrative offices, staff housing, a community/re-creation center, parking facilities and associated support service facilities. It also includes the installation machinery, elevators and safety equipment.







## Mental Health & Addiction Treatment Hospital

**Healthcare Project** 

### **PROJECT SUMMARY**

**Client**: Saudi Basic Industries Corporation (SABIC)

**Location**: Riyadh, KSA **Plot Area**: 62,500m<sup>2</sup> **BUA**: 26,799m<sup>2</sup>

**No. of Buildings**: 60

**Scope of Works**: Design review

Shop Drawing As Built Drawings Quantity Survey Technical Support Saudi Basic Industries Corporation (SABIC) is financing a corporate social responsibility cause through constructing a new mental health and addiction hospital in Riyadh, KSA. This hospital is helping provide qualitative health services for those suffering from mental diseases and addiction and strengthen their determination to recover from these diseases and narcotics.

The initial capacity of the hospital is 150 beds and 25 clinics on a total plot area of 500 ,62 sqm. This will be a typical centre for mental health and addiction

treatment and will composed of a main entrance building, an outpatient building, a day care building, and three (3) inpatient buildings.





# **Levana Uptown Cairo** Village (E)

**Residential Project** 

EMDAD was pleased to collaborate with ASGC in their Project LEVANA – Village (E), that stretched over 44 Acres (78.106 m²).

EMDAD's scope covered the design review & shop drawing for the infrastructure works including the following:

- Domestic water network
- Fire fighting network
- Sewage network
- Storm water network
- Irrigation network
- Electrical Network
- Telecom network
- Road network
- Soft and Hardscape.

### **PROJECT SUMMARY**

**Client**: ASGC

**Location**: Cairo, Egypt **Plot Area**: 178,106m<sup>2</sup>

**Scope of Works**: Design Review

Shop Drawing for

infrastructure & landscape



# **Central Business District** (CBD)

**Residential Project** 

### **PROJECT SUMMARY**

Client: CSCEC

Location: New Capital, Cairo - Egypt

**BUA**: 170,000 m<sup>2</sup>

**Scope of Works**: Shop Drawing

Architecture / MEP

The Central Business District (CBD) is located in Egypt's New Capital. The project belongs to China state CSCEC. CBD is envisaged to set a benchmark sustainable, smart city design, featuring state of the art in infrastructure, transportation, green buildings, resource management and renewable energy, It consists of iconic towers, office towers, residential towers, hospitality & retail.

EMDAD got the chance to provide the shopdrawings for two residential towers that are approximately 158 meter height, and the built up area of D04 and D05 is 88,000m² and 82,000m² respectively. The total number of floors is (2) basements in addition to (37) floors and (2) basements and (38) floors for D04 and D05 respectively. EMDAD scope is architecture and MEP work.







# **Infrastructure Project** for **Jeddah Economic City**

Technical Support Project

### **PROJECT SUMMARY**

**Client**: Jeddah Economic Company; Kingdom Real Estate Development, KSA

**Location**: Jeddah **Plot Area**: 5,000,000m<sup>2</sup>

**Scope of Works**: Design Review

Shop Drawings As-built drawing Technical Support Jeddah Economic City represents a new urban era for the Kingdom of Saudi Arabia, spanning a land area of 5,000,000m², centered by a prominent world recognized feature, which is the "Kingdom Tower", also known as the Mile-High Tower.

**EMDAD's** scope of work included infrastructure shop drawings, as-built drawings and technical support for all networks such as potable water, water and waste-water, drainage, storm water, irrigation, electric and communication networks as well as streetscape lighting and landscape works.





# **VISIT OUR WEBSITE**

For more details regarding EMDAD's projects

www.emdaddesign.com

