Fahd Abdullah Alireza & Partners Engineering Consultants Co.
شركة فهد عبدالله علي رضا وشركاؤه للاستشارات الهندسية

faec

NEWSLETTER

FAEC's quarterly news, project milestones, and industry insights

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Creating Riyadh's Next Community Landmark


Conceptual Perspective Mood

FAEC to Deliver Integrated Infrastructure Engineering for Deera by Retal's 1 Million m² Master-planned Community

FAEC has been appointed as the Infrastructure Design and Engineering Consultant for the Deera by Retal project, a major mixed-use master-planned community development located in Zone 3 of Fursan Suburb, Riyadh. This milestone appointment further strengthens FAEC's growing portfolio of large-scale urban developments across the Kingdom and reflects our continued commitment to delivering integrated, future-ready engineering and infrastructure solutions.

Spanning 1,020,547 m², Deera by Retal is envisioned as a vibrant and sustainable community comprising residential villas, apartment buildings, retail destinations, sports facilities, and supporting public realm infrastructure designed to enhance quality of life and support Riyadh's ongoing urban expansion.

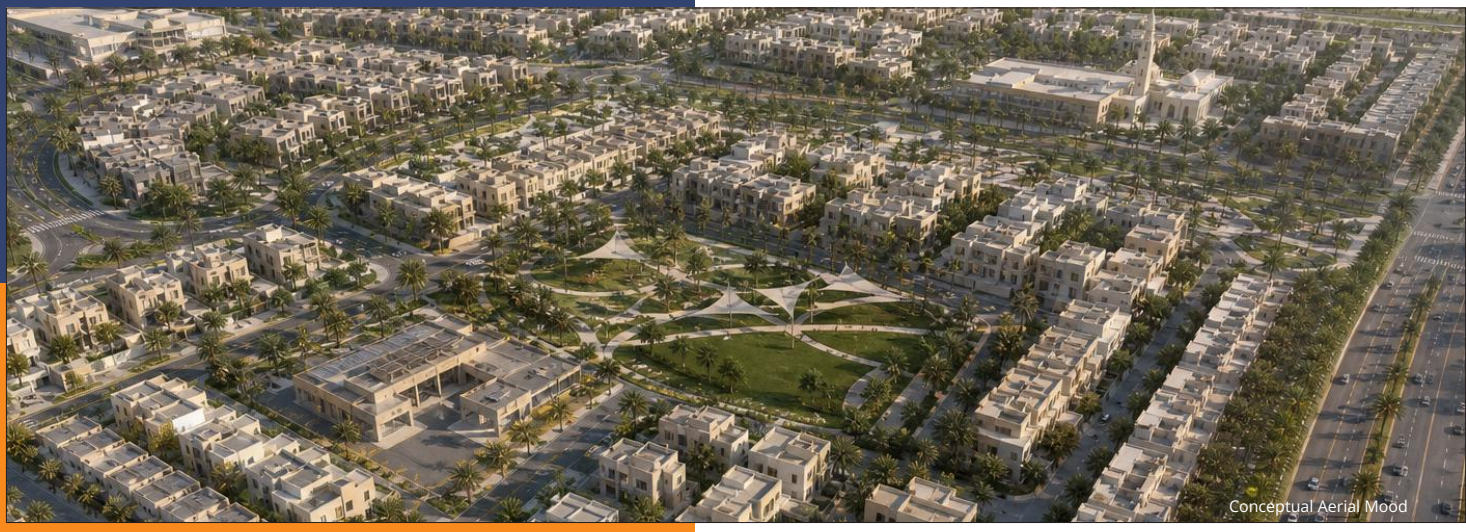
As the appointed Infrastructure Design and Engineering Consultant and Authority of Record (AOR), FAEC will lead the validation of the approved master plan and deliver comprehensive infrastructure design services from concept validation through schematic and detailed design, culminating in Issued for Bidding (IFB) and Issued for Construction (IFC) deliverables.

The project scope includes roads, utilities, stormwater drainage, electrical networks, telecommunication infrastructure, landscape coordination, authority approvals, and multidisciplinary integration.

Through a fully integrated design approach, FAEC will coordinate closely with all stakeholders, consultants, and authorities to ensure the development achieves the highest standards of quality, constructibility, regulatory compliance, and long-term operational efficiency.

The project will be delivered in alignment with Saudi Building Code requirements and relevant municipal and utility authority standards, reinforcing FAEC's role as a trusted partner in shaping resilient and sustainable communities across Saudi Arabia.

This award represents another important step in FAEC's mission to contribute to the Kingdom's ambitious urban transformation and Vision 2030 objectives by delivering innovative engineering solutions that create lasting value for clients, communities, and future generations.


Conceptual Aerial Mood

New Project Spotlights

FAEC Appointed for Rimal Business Court Structural Engineering and Redesign Services

FAEC is pleased to announce its appointment for the Rimal Business Court (RBC) Project in Al Khobar, Kingdom of Saudi Arabia, further strengthening our growing portfolio of engineering and design services supporting the Kingdom's commercial and business infrastructure sector.

The project reinforces FAEC's commitment to delivering integrated engineering solutions focused on technical excellence, constructibility, and long-term performance.

As part of the awarded scope, FAEC will provide comprehensive structural redesign, engineering verification, and design optimization services for several technically complex project components, utilizing an integrated engineering approach to ensure safety, efficiency, and high-performance design solutions.

Rimal Business Court Structural Design Highlights:

- Suspended floor support for pre-engineered steel buildings above two basement levels.
- Water features designed over suspended structural systems.
- Heavy electrical substation supporting approximately 230 tons of equipment loads.
- Parapet redesign for BMU cradle support systems.
- Elevated floor design for architectural canopy steel tree sculptures.

FAEC Awarded Engineering Services of the 92 MVA, 33/11 kV Grid Station at Riyadh Cement Company

FAEC has been selected to deliver engineering services for the **92 MVA, 33/11 kV Grid Station Project for Riyadh Cement Company**, reinforcing our commitment to supporting the Kingdom's growing industrial and power infrastructure sector. The project further strengthens FAEC's expanding portfolio of utility and energy developments focused on enhancing reliability and long-term operational performance.

As part of the awarded scope, FAEC will provide comprehensive **design, engineering, approval coordination, tender support, and construction supervision services** for the new grid station development. The scope includes preparation of technical documentation and engineering drawings, coordination with Saudi Electricity Company (SEC) and the National Grid, bid evaluation and contractor support, supervision of installation and commissioning activities, protection and load flow reviews, and final delivery of reviewed as-built documentation for complete system integration with the existing Riyadh Cement Company electrical network.

FAEC Selected to Deliver Electrical Power System Upgrade Services for King Fahd Causeway

FAEC has been selected to provide design and engineering services for the **Electrical Power System Upgrade Project at King Fahd Causeway**, further strengthening our portfolio of critical infrastructure and utility projects that support reliable and efficient operational performance.

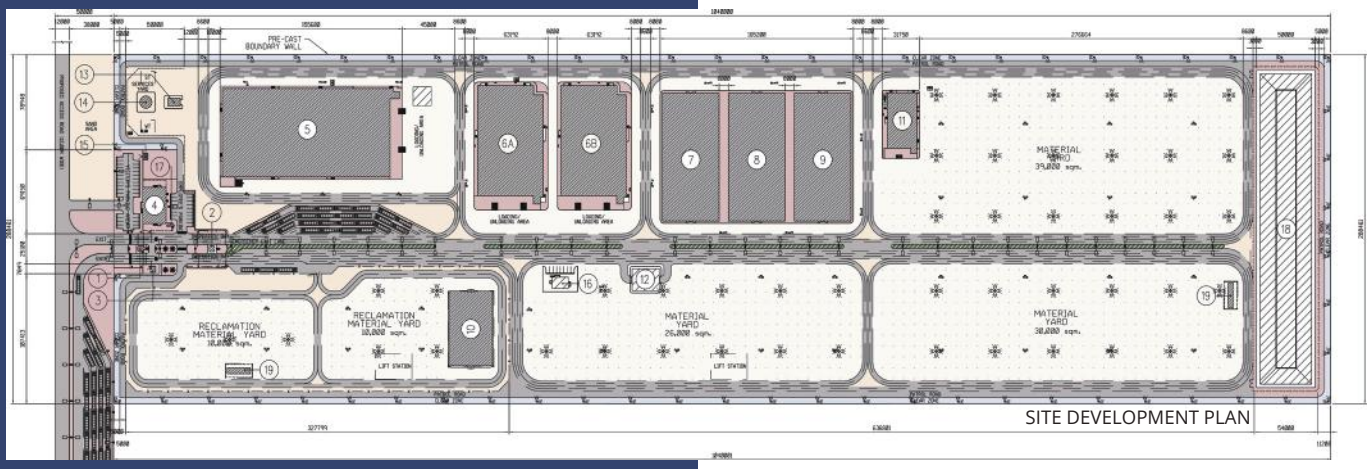
Under this project, FAEC will deliver comprehensive **design and engineering services** for upgrading the electrical power system, including substations and associated remote facilities. **The scope includes electrical designs, SLDs, protection and control schemes, AC/DC system studies, cable routing, grounding and lighting layouts, technical calculations, bid support, client coordination, and final approvals** for complete electrical system modification and integration works. Through an integrated engineering approach, FAEC continues to deliver reliable and future-ready infrastructure solutions.

Advancing Strategic Utility Infrastructure

FAEC Appointed for Riyadh Central Warehouse Engineering and Design Project

FAEC is pleased to announce its appointment for the Riyadh Central Warehouse Infrastructure Design Project for the Saudi Electricity Company, reinforcing our commitment to delivering integrated engineering solutions that support the Kingdom's critical utility and logistics infrastructure. The project involves the detailed engineering and infrastructure design of one of SEC's strategic warehouse facilities, supporting its operational expansion and long-term functionality across a **project site area of approximately 300,000 m²**.

Delivered through a coordinated multidisciplinary approach across Civil Utilities, Structural, Electrical, and Instrumentation disciplines, the project will be developed in phased submissions up to IFC stage in full compliance with SEC standards, Saudi Aramco Engineering Standards, the Saudi Building Code, and international codes including IBC and NFPA. Through this project, FAEC continues to strengthen its role as a trusted engineering partner delivering technically advanced and future-ready infrastructure solutions across Saudi Arabia.



SITE DEVELOPMENT PLAN

FAEC will provide comprehensive multidisciplinary engineering design services covering site grading, stormwater drainage, lift station systems, sanitary sewer networks, and road infrastructure. The scope includes detailed grading and earthworks analysis, hydrological and hydraulic studies, drainage and utility network layouts, lift station and piping systems, instrumentation and control coordination, and integrated infrastructure solutions designed to ensure operational efficiency, constructibility, and long-term reliability.