



AFEC

— PROJECT MANAGEMENT —
PROFILE

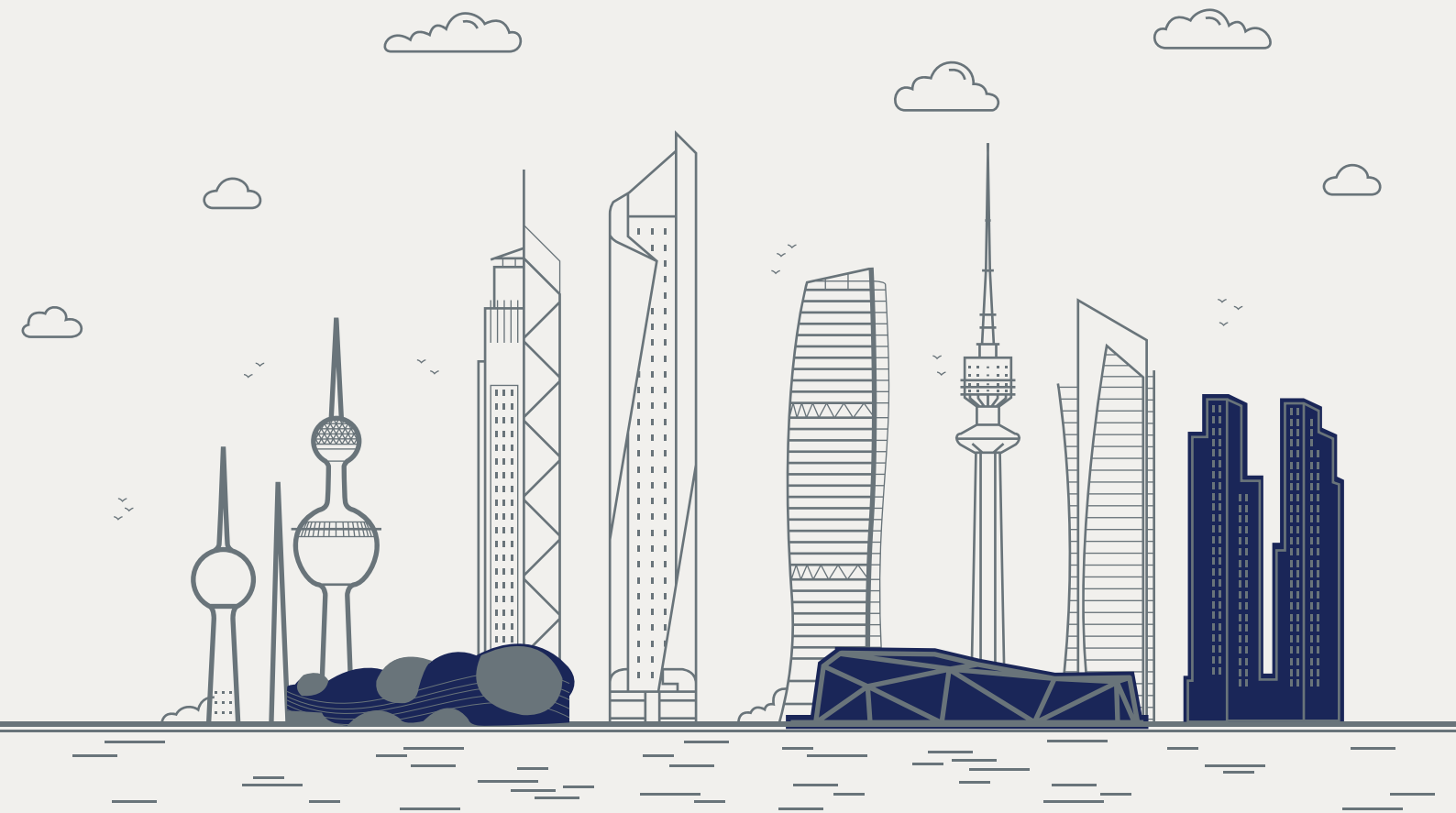


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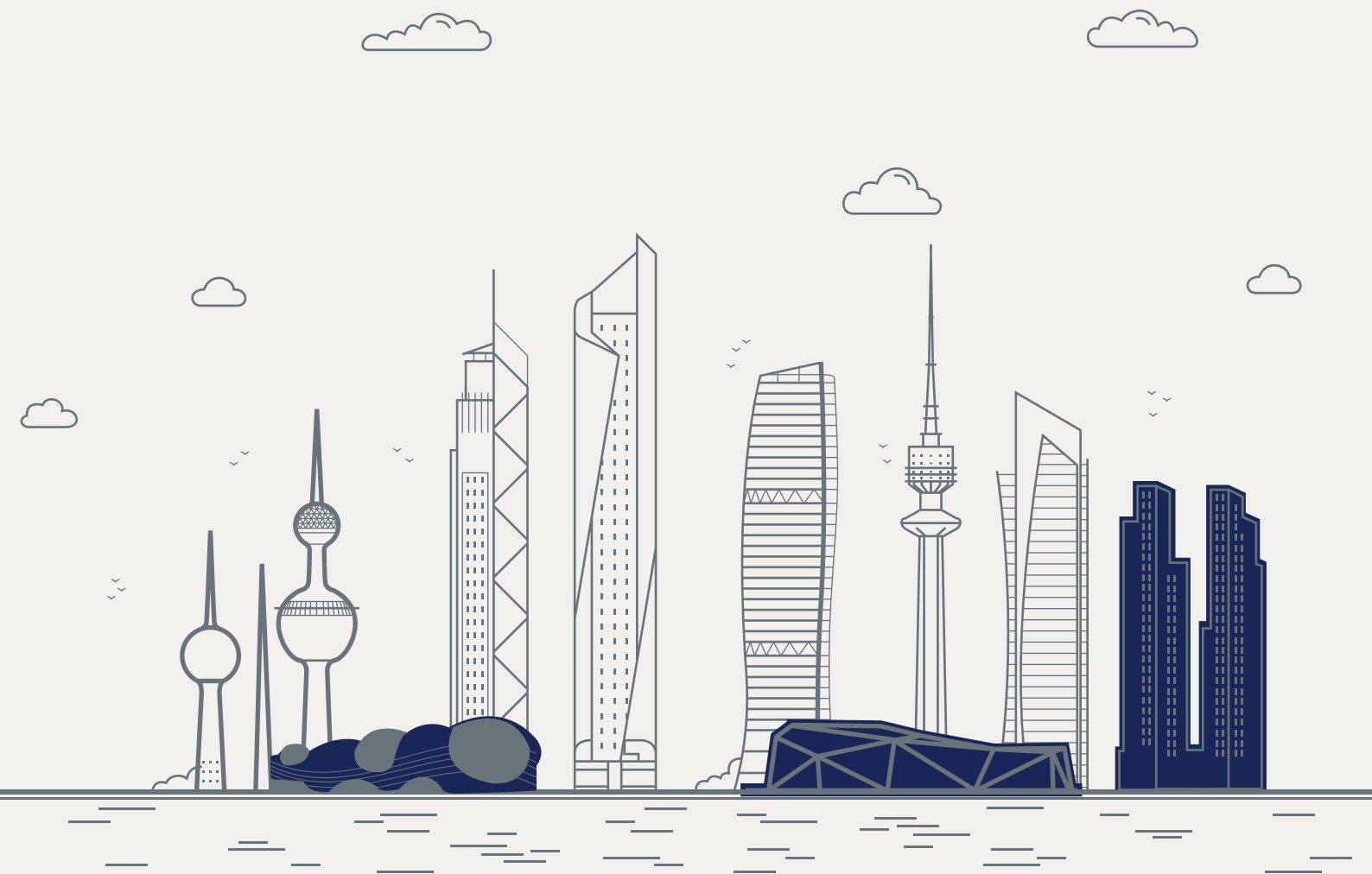
Vision

AFEC Society

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HISTORY

Established in 1992 as **PROPYLON ENGINEERING GROUP LTD., AFEC Project Management** embarked on its journey with a firm commitment to excellence in Engineering Consultancy and Project Management.

In 1999, the company entered into a new collaboration with Mr. Juhaina AlFarouqi under the AL Farooki Engineering Consultants Bureau, marking a pivotal moment in its evolution.

Today, in 2024, **AFEC Project Management** stands as a testament to its enduring dedication to providing exceptional Engineering Services and Project Management independently. With a rich legacy built on expertise, innovation, and a relentless pursuit of excellence, **AFEC** continues to set new standards of excellence in the field of Engineering Consultancy and Project Management.



MISSION

At **AFEC Project Management**, we are dedicated to being the premier provider of engineering consultancy and project management services, delivering innovative solutions and unparalleled expertise to clients throughout Kuwait and the Gulf Region. Our mission is to serve as the trusted partner of choice for engineering consultancy and project management needs, fostering collaborative partnerships with both public and private entities.

We are committed to surpassing expectations through our unwavering dedication to professional excellence, ethical conduct, and sustainable practices in engineering consultancy and project management. Embracing the principles of value engineering, we strive to optimize project outcomes while maximizing cost savings for our clients.

By upholding the highest standards of quality and prioritizing client satisfaction in engineering consultancy and project management, we endeavor to contribute to the advancement and prosperity of the communities we serve.



VISION

Our vision at **AFEC Project Management** is to establish ourselves as one of the foremost leaders in engineering consultancy and project management, setting the benchmark for excellence and innovation within the industry.

We envision a future where our pioneering approach to structural design consultancy, engineering supervision, and project management inspires transformative solutions that shape the built environment and enrich the quality of life for future generations. Through the utilization of cutting-edge technologies, the nurturing of talent development, and the cultivation of strategic partnerships in engineering consultancy and project management, we are committed to continually elevating our standards, driving progress, and generating lasting value for our clients and stakeholders.



AFEC SOCIETY

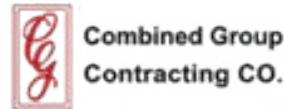
Our team at **AFEC Project Management** is comprised of seasoned professionals who bring a wealth of expertise and experience to every project in engineering consultancy and project management.

From highly skilled engineers and architects to dedicated project managers and technical specialists, each member of our team is committed to delivering outstanding service and innovative solutions tailored to the unique requirements of each client. With a deep understanding of industry best practices and cutting-edge technologies in engineering consultancy and project management, our consultants possess the knowledge and proficiency to navigate every stage of the project lifecycle with precision and efficiency.

Not only are they adept problem-solvers, but they also excel as effective communicators, collaborating closely with clients to ensure clarity of vision and alignment of objectives in engineering consultancy and project management. Upholding the highest standards of professionalism, integrity, and accountability in engineering consultancy and project management, our team at **AFEC Project Management** is dedicated to fostering trust and confidence among our clients and partners alike.



AFEC BUSINESS PARTNERS



AFEC BUSINESS PARTNERS



KUWAIT INDUSTRIAL BASES CO.



الشركة المتحدة الأول لمقاولات المباني ذ.م.م.
FIRST UNITED BUILDING CONSTRUCTION CO. W.L.L.



AFEC TEAM



VLADAN VELENERIC,
AFEC GM and co-founder of Propylon Engineering Group (PEG) in 1991 with his late friend and mentor Radomir Mihajlovic. Prior PEG, Vladan joined Pre-Stressed Concrete Co. in 1980 former Yugoslavia. Vladan graduated in 1980 from Faculty of Civil Engineering University in Belgrade, Serbia.



GORAN MARKOVIC,
Snr Structural Engineer, Joined Propylon (Now AFEC) 1996, Graduated in 1995 from Faculty of Civil Engineering University in Belgrade, Serbia. Goran was appointed the Head of Civil Engineering Department in 2005.



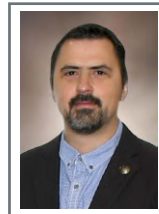
VOJISLAV MITROVIC,
Snr Structural Engineer, Joined AFEC 2001, Graduated in 2001 from Faculty of Civil Engineering University in Belgrade, Serbia.



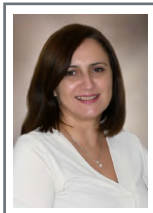
VLADIMIR JEVTIC,
Snr Structural Engineer, Joined AFEC 2005, Graduated in 2004 from Faculty of Civil Engineering University in Belgrade, Serbia.



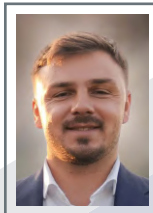
SASA LUKIC,
Snr Structural Engineer, Joined AFEC 2007, Graduated in 2006 from Faculty of Civil Engineering University in Belgrade, Serbia.



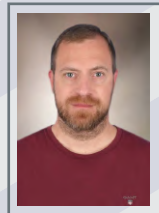
NEMANJA DJOKOVIC,
Snr Structural Engineer, Joined AFEC 2007, Graduated in 2006 from Faculty of Civil Engineering University in Belgrade, Serbia.



KATARINA LUKIC,
Snr Structural Engineer, Joined AFEC 2008, Graduated in 2007 from Faculty of Civil Engineering University in Belgrade, Serbia.



NIKOLA CVETANOVIC,
Structural Engineer, Joined AFEC 2017, Graduated in 2016 from Faculty of Civil Engineering University in Nis, Serbia.



VELIBOR APOSTOLOVIC,
Architect, Joined AFEC 2016, Graduated in 2010 from The Faculty of Architecture University in Belgrade, Serbia.

AFEC PROJECTS

AFEC Project Management Company specializes in Structural Design and Supervision, seamlessly integrating state-of-the-art technologies into the construction sector.

With a rich legacy spanning 34 years, our distinguished team of engineers has consistently demonstrated technical skills and an unwavering commitment to excellence through the successful execution of a diverse portfolio of projects, exemplifying our expertise across various domains.

1. CAST IN SITU CONCRETE

2. PRECAST CONCRETE

3. STEEL STRUCTURES

4. RECTIFICATION / RENOVATION WORKS

5. FOUNDATION AND PILES DESIGN

6. ALUMINUM & GLASS DESIGN WORKS

7. THIRD-PARTY APPROVALS, VERIFICATIONS AND SUPERVISIONS

8. VARIOUS PROJECTS



1/ CAST IN SITU CONCRETE

a) Designing concrete high-rise tower structures with meticulous attention to optimal solutions for structural Safety and Integrity and proper choice of foundation systems.

b) Tailored design of cast-in-situ structures for residential, commercial, and industrial applications, meeting stringent performance criteria and client's requirements.

c) Design of cast-in-situ solutions for industrial facilities with specialized equipment installation requirements, and coordination with technology requirements.

Our approach to cast-in-situ structures emphasizes cost-effectiveness, guided by Value Engineering principles aligned with contractors' specifications and T.O.Rs



HESSAH AL-MUBARAK DEVELOPMENT PROJECT

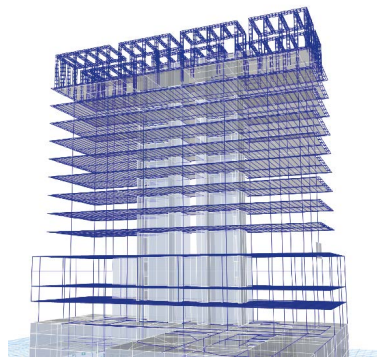
PACKAGES 3, 4 & 5 (BUSINESS DISTRICT)

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 42,000,000 KD

Year: 2022 – under construction

AFEC Services: Complete structural re-design and consultancy services.



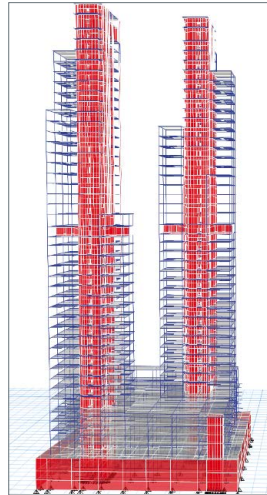
HESSAH AL-MUBARAK DEVELOPMENT PROJECT PACKAGE 1

Client: SSH International Eng. Consultants

Contract Value: 28,000,000 KD

Year: 2020 – 2024

AFEC Services: Complete consultancy design services (Architectural, structural, MEP).
Third Party review services for several items including steel design, façade and BMU systems, etc...



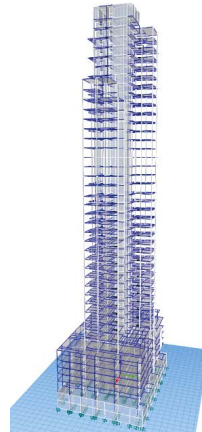
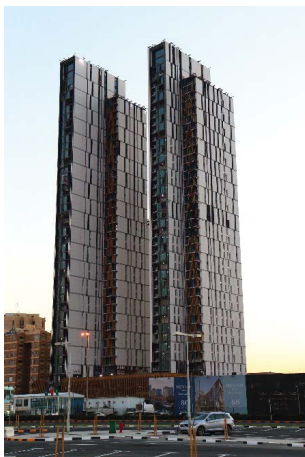
HESSAH AL-MUBARAK DEVELOPMENT PROJECT PACKAGES 8 & 9

Client: SSH International Eng. Consultants

Contract Value: 35,000,000 KD

Year: 2020 – 2024

AFEC Services: Complete consultancy design services (Architectural, structural, MEP).
Third Party review services for several items including steel design, façade and BMU systems, etc...



SHAHEED PARK III

COMPLETE STRUCTURAL DESIGN WORKS

Client: Al Hani Construction and Trading Co.

Contract Value: 87,000,000 KD

Year: 2020 – 2024

AFEC Services: Complete Structural design and Consultancy services.
Verification of the steel space frame over the Theatre building design by Polarkon.



SHEIKH JABER AL-AHMED CULTURAL CENTRE KUWAIT OPERA

Client: SSH International Eng. Consultants

Contract Value: 320,000,000 KD

Year: 2013 - 2016

AFEC Services: Structural consultancy services for the Project (shared with SETEC France). Client Amiri Diwan (design works for SSHI).



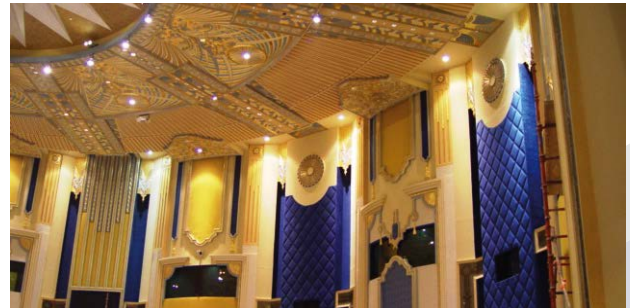
CONFERENCE HALL-BAYAN PALACE (CONTRACT NO. S.P.A./159)

Client: Al Hani Construction and Trading Co.

Contract Value: 32,000,000 KD

Year: 2010 - 2012

AFEC Services: Complete structural consultancy works, Total plot area 31,500 m2.



AL-JABER CITY, SULAIBIKHAT INFRASTRUCTURE WORKS (CONTRACT NO.1137-2009/2010)

Client: Ahmadiyah Contracting and Trading Co. - ACTC

Contract Value: 18,000,000 KD

Year: 2009 - 2010

AFEC Services: Complete Structural design works for existing and future gas/oil pipelines protection, storm water culverts system (14,000 m length)



AMIRI TERMINAL BUILDING & OTHER FACILITIES KUWAIT INTERNATIONAL AIRPORT (CAR PARK, APPROACHING BRIDGE, LUGGAGE HANDLING BUILDING, SERVICE BUILDINGS, ETC.)

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 36,000,000 KD

Year: 2007 - 2009

AFEC Services: Structural design works of prestigious new VVIP Terminal Building of 16,000 m² built area with ceremonial hall and apartments for the Amir.

An Aircraft hangar of 16,000m² with 20,000 m² of related services buildings and 3 storey car park. Design review and the verification of the dome space frame.

Ultra luxurious fast track project, Architect TAEP.



PANASONIC TOWER

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 11,500,000 KD

Year: 2007-2009

AFEC Services: Structural design and drawings for 36 story tower.



AREC TOWER-KUWAIT CITY

Client: Al Imad Real Estate Co.

Contract Value: 10,300,000 KD

Year: 2004 - 2006

AFEC Services: Structural design and drawings for 32 story tower.



360 MALL & CAR PARK

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 36,000,000 KD

Year: 2006 - 2009

AFEC Services: Complete structural design and follow-up, construction completed for luxurious Mall for TAMDEEN Real Estate Co.

Total mall and car park area 140,000m² + 43,000 m².



INTERNATIONAL HOSPITAL-SALMIYA

Client: Various Contractors

Contract Value: 1,800,000 KD

Year: 2005 - 2006

AFEC Services: Structural design works (built-up area 42,000 m²).



AMIRI DIWAN-BLOCK 200 EXTENSION

Client: Kharafi National

Contract Value: 5,700,000 KD

Year: 2004 - 2006

AFEC Services: Foundations & Structural design, design consultancy and shop drawings production.



AL-SHAHEED TOWER

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 4,800,000 KD

Year: 1998 - 2000

AFEC Services: Structural design and drawings for multistory office building (one of the tallest buildings in Kuwait during construction), for UNITED REALTY.



BURGAN BANK HEADQUARTER TOWER

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 7,200,000 KD

Year: 2000 -2003

AFEC Services: Structural design and drawings for 33 story office building.



KUWAIT OIL SECTOR COMPLEX

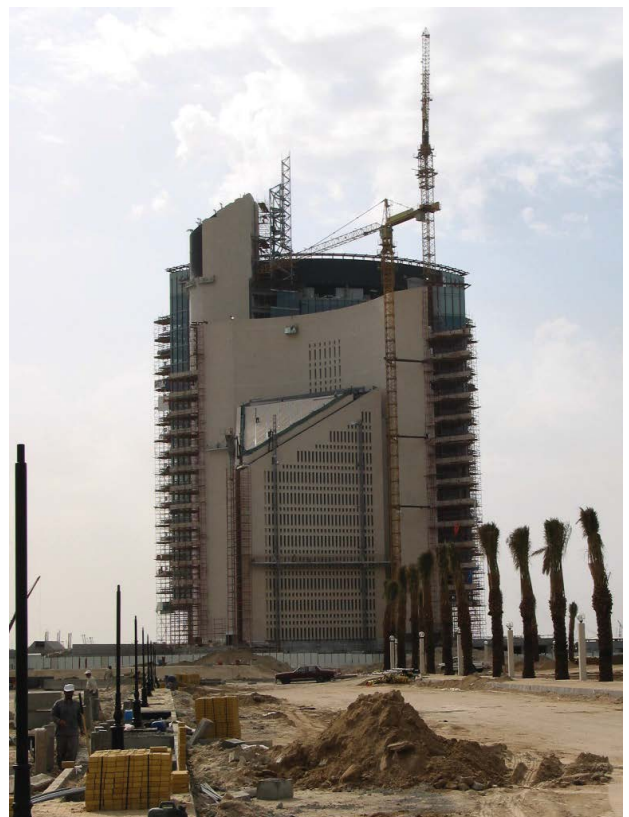
Client: SSH International Eng. Consultants

Contract Value: 37,000,000 KD

Year: 1993 - 2002

AFEC Services: Structural design of foundation system and superstructure and working drawings production (as Sub-Consultants to SALEM AL-MARZOUK & SABAH ABI-HANNA W.L.L).

Design works completed for Bid Packs 2, 3, 7 & 8. Shop drawings preparation for BP3 for ALGHANIM Intl./LG joint venture. Buildings in a total area of 80000 m2.



AMIRI DIWAN

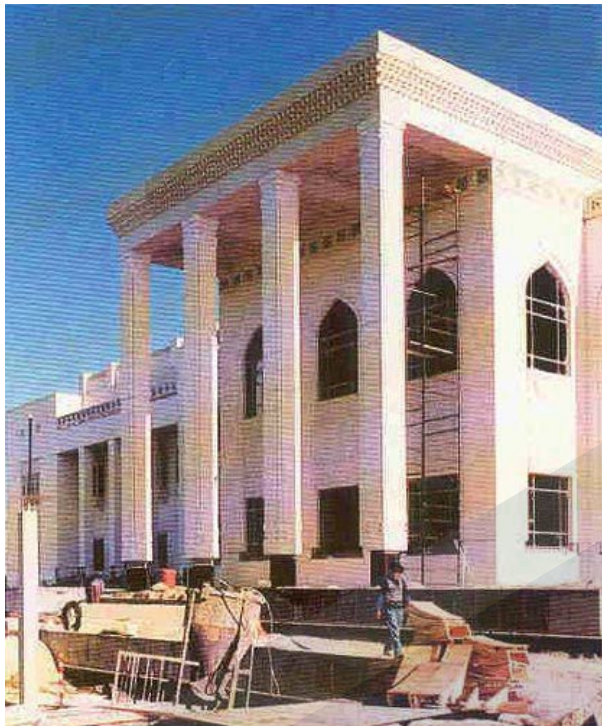
PACKAGES # 9 & # 12

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 110,000,000 KD

Year: 1995

AFEC Services: Structural redesign, design consultancy and leading role in shop drawings production.



CAST IN SITU CONCRETE PROJECTS

A/ Heigh-Rise building Structures

Project	Client	AFEC Services
PUBLIC INSTITUTION FOR SOCIAL SECURITY (PIFSS)	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design of foundation system, tower structure, P1 & ground floor (podium) slabs in total area of 42,000 m2 (as Sub-Consultants to SALEM AL-MARZOUK & SABAH ABI-HANNA w.l.l).
STAFF ACCOMMODATION BUILDING	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design for the 18 story building in total area of 17,000 m2.
PERL OF KUWAIT TOWER IN KUWAIT CITY	Dourwaza Engineering	Structural design.
DASHTI DEVELOPMENT	CMBC	Complete structural design for 17 story tower building in Salmiya.
SALMIYA RESIDENCE BUILDING	SHBC	Structural design works for concrete multi-story structure.
CICH HOTEL AND COMMERCIAL COMPLEX IN SALMIYA	SHBC	Complete structural design works for 32 story concrete building, in approx. area of 70,000 m2.
TALA OFFICE TOWER IN KUWAIT CITY	Al Imad Real Estate Company	Structural design works for 17 story tower building.
AMERICAN UNIVERSITY OF MIDDLE EAST - MULTISTOREY CAR PARK BUILDING	AUM (American University of the Middle East)	Structural design works for the building in cast in situ system.
ELITE/DUSIT PARK-INN HOTEL MAHBOULA	Rayat Al-Jazeera General Trading and Contracting Company	Structural consultancy design services (re-design works and rectification details).
AL-ATLAL TOWER - COMPLETE STRUCTURAL DESIGN WORKS	Darwish Mariano Office	Complete Structural design services.



B/ Residential, Commercial & Industrial Structures

Project	Client	AFEC Services
ENT HOSPITAL	BONYAN DESIGN and Ahmadiyah Contracting and Trading Co. – ACTC	Structural design and design drawings for Ear, Nose and Throat hospital building.
AMIRI DENTAL CLINIC	BONYAN DESIGN	Structural design and design drawings for Amiri Dental Clinic.
VILLA FOR SHEIKHA AL ANOUD AL AHMED AL JABER AL SABAH	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design and drawings for building in total area of 5,000 m2.
VILLA FOR H.E. AMIR SHEIKH SABAH AL AHMED (BIDAA PALACE)	UNITED AMERICAN REAL ESTATE Co	Structural design and drawings for building in total area of 9,000 m2.
MINISTRY OF INTERIOR HEADQUARTERS IN SOUTH SURRA	SSH and Ahmadiyah Contracting and Trading Co. – ACTC	Structural redesign, structural design drawings (for SSH), shop drawings (for ACTC).
CINEMA COMPLEX IN FAHAHEEL	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design for the project in total area of 25,000 m2.
ALGHANIM MEGA GARAGE IN SHUWAIKH	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design for the project for building in total area of 8,000 m2.
JAWHARAT AL KHALEEJ CAR PARK AND OFFICE BUILDING IN KUWAIT	Ahmadiyah Contracting and Trading Co. – ACTC	Complete structural design services for the Contractor.
NBK BANK BRANCH in Dahiya, Salmiya, Hawally, Surra and Rawda	NBK Head Office	Structural design works.
MARINA CRESCENT BUILDING AT MARINA MALL	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design works.
KUWAIT OIL SECTOR - Offices at Burgan	KDL	Structural design works.
KHALID & KHALID HQ BUILDING AT KUWAIT FREE TRADE ZONE	Alamiah Building Co	Structural design works.
AL-YASRA COLD STORE BUILDING	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design works.
GMC SHOWROOM IN AL-RAI	SHBC	Complete structural design for building in total area of 20,000 m2.
PIRELLI SHOWROOM IN SHUWAIKH	SHBC	Complete structural design.
SHEIKHA AWATIF RESIDENCE	MIMAR Consultants	Structural design works completed for the large residential building with high architectural standards.
CENTRAL KITCHEN FOR SAFIR HOTELS	AMANA UNITED	Structural design consultancy works.
SUMA COLD STORE	AMANA UNITED	Structural design consultancy works.
TAMDEEN MALLS IN SALMIYA, SULAIKHAH AND JAHRA	Tamdeen Shopping Centres	Structural design works for concrete multi-story structure.

Project	Client	AFEC Services
AMIRI DIWAN - BLOCK 400 EXTENSION (FOUNDATIONS AND STRUCTURE)	Kharafi National	Structural design, design consultancy and shop drawings production.
AMIRI DIWAN - BLOCK 400W and BLOCK 500	Amiri Diwan	Structural design works for the building extensions.
TWO LARGE VILLAS IN SHAAB AREA (FOR MR. FAZIL ABDUL RAZZAK)	RECAFCO	Structural design works for concrete multi-story structures.
TWO LARGE VILLAS IN YARMOUK AREA FOR MR. BEHBEHANI	SHBC	Structural design works for concrete multi-story structures in total area of 2x2,500m2).
AMIRI DIWAN - SEIF PALACE NEW OFFICE BUILDING	Al Hani Construction and Trading Co	Complete structural design services for the Project (piled foundations and pre-cast super structure).
JAZEERA AIRWAYS NEW OFFICE BUILDING	Jazeera Airways	Full construction design package for the Project.
NATO REGIONAL CENTRE BUILDING	Amiri Diwan	Structural consultancy services for the Project.
SABAH AL-AHMAD SEA CITY PROJECT - JALBOOT	La'ala Al Kuwait Real Estate co.	Complete design consultancy package for the buildings.
AL ANDALUS MIXED USE PROJECT	SSH International Eng. Consultants	Structural consultancy design services.

C/ Underground Structures & Industrial Facilities

Project	Client	AFEC Services
NEW GRC FACTORY	Alamiah Building Co	Structural design works for the new GRC factory for Alamiyah Building Company.
ACICO INTERLOCK FACTORY IN SHUAIBA INDUSTRIAL AREA	ACICO	Full construction Structural design package for the Project
MISHREF PUMP STATION	UGCC	Structural workshop drawings production and various redesigns for 10 story underground pump station.
KCC SHUAIBA PLANT	Kuwait Cement Company	Structural consultancy services for numerous industrial items in the Kuwait Cement Company Shuaiba Plant.
AZ-ZOUR SOUTH RO DESALINATION	Alghanim International	Complete structural consultancy work.
GO TO MARKET DATA CENTER & HUB 1 BUILDING	Omniva Company	Complete structural consultancy work for Service Buildings of respective area of 33,000 m2 and 3,000 m2.

2/ PRECAST CONCRETE

- a) Design of precast structures of substantial scale and complexity, including shopping complexes and industrial edifices.
- b) Design of precast car park structures for optimal efficiency, Durability and traffic flow.
- c) Design of high-rise precast buildings engineered to withstand vertical and lateral loads.
- d) Design of precast bridges and bridge components, such as large bridge beams, engineered for superior structural performance. Advanced pre-stressing and post-tensioning techniques are employed extensively in projects leveraging precast concrete technology.



MINISTRY OF HEALTH CAR PARKS (6 NOS.) & PEDESTRIAN BRIDGES (2 NOS.) HOSPITALS ZONE IN KUWAIT CITY

Client: Joint Venture KCPC – Highslant Precast Factory

Contract Value: 6,000,000 KD

Year: 2006 - 2008

AFEC Services: Complete structural design works and follow-up. Fast track Project (18 months design built) with application of mainly pre-cast system. Foundation on bored or pre-cast piles.



KUWAIT INTERNATIONAL AIRPORT CAR PARK & RELATED FACILITIES

Client: ASCO and Industrial Building and Constructions Co. - IBC.

Contract Value: 1,500,000 KD

Year: 1999 - 2001

AFEC Services: Structural design for the Car Park (Design intent stage) and Commercial Area (Design drawings and documents) as structural Sub-Consultants for SALEM AL MARZOUK & SABAH ABI-HANNA W.L.L. Structural design, fabrication and shop drawings for Car Park (design-built stage)



AMIRI DIWAN PEDESTRIAN BRIDGE OVER GULF ROAD (CLOSED SECTION)

Client: Alamia Building Co.

Contract Value: 569,000 KD

Year: 2000 - 2001

AFEC Services: Design built Project; complete design finalized.



PEDESTRIAN BRIDGES-FIFTH RING ROAD

Client: Alamia Building Co.

Contract Value: 1,200,000 KD

Year: 2001

AFEC Services: Drawings preparation for 6 nos. pedestrian footbridges and conversion to precast system.



PEDESTRIAN BRIDGE-SOOR STREET

Client: ARINCO Precast factory

Contract Value: 150,000 KD

Year: 1998

AFEC Services: Structural design and drawings for pre-cast pedestrian bridge at Soor street



QADSIYA STORE BUILDING

Client: Industrial Building and Constructions Co. - IBC

Contract Value: 520,000 KD

Year: 1995 - 1996

AFEC Services: Structural design of entirely precast structure with long spans



AL-AWADI MOSQUE-SHARQ

Client: Alamiyah Building Co.

Contract Value: 650,000 KD

Year: 1996 -1997

AFEC Services: Structural design and drawings for completely precast structure, including two precast minarets and foundations on precast.



AL-MEHRI OFFICE TOWER

Client: Alameiah Building Co.

Contract Value: 234,000 KD

Year: 1994 - 1995

AFEC Services: Structural design and shop drawings for 13 story completely pre-cast structure



AL-HAJERY OFFICE TOWER

Client: Alameiah Building Co.

Contract Value: 230,000 KD

Year: 1995 - 1997

AFEC Services: Structural design for 10 story completely pre-cast framed tower structure.



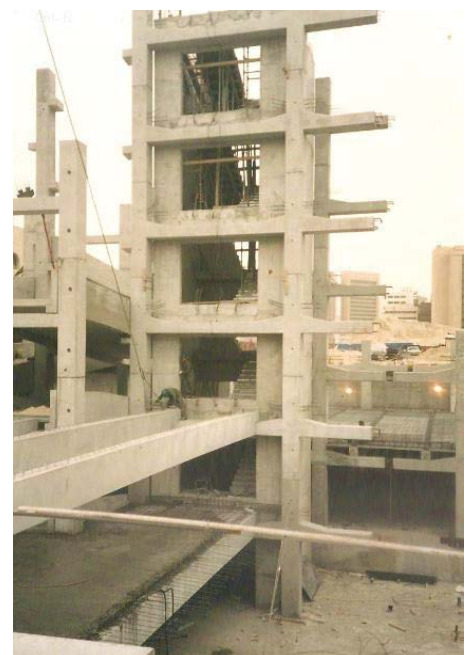
AUDIT BUREAU CAR PARK & ADMINISTRATION BUILDING

Client: Industrial Building and Constructions Co. - IBC.

Contract Value: 2,100,000 KD

Year: 1993 - 1995

AFEC Services: Structural design, shop drawings for precast Car Park Building and all precast members of Administration Building. Complete erection of the Car Park and Administration Building beams and slabs.



SHAMIYA COOPERATIVE SOCIETY BUILDING

Client: Alamiyah Building Co.

Contract Value: 2,750,000 KD

Year: 1993 - 1996

AFEC Services: Complete redesign of the steel structure to pre-cast and shop drawings production.

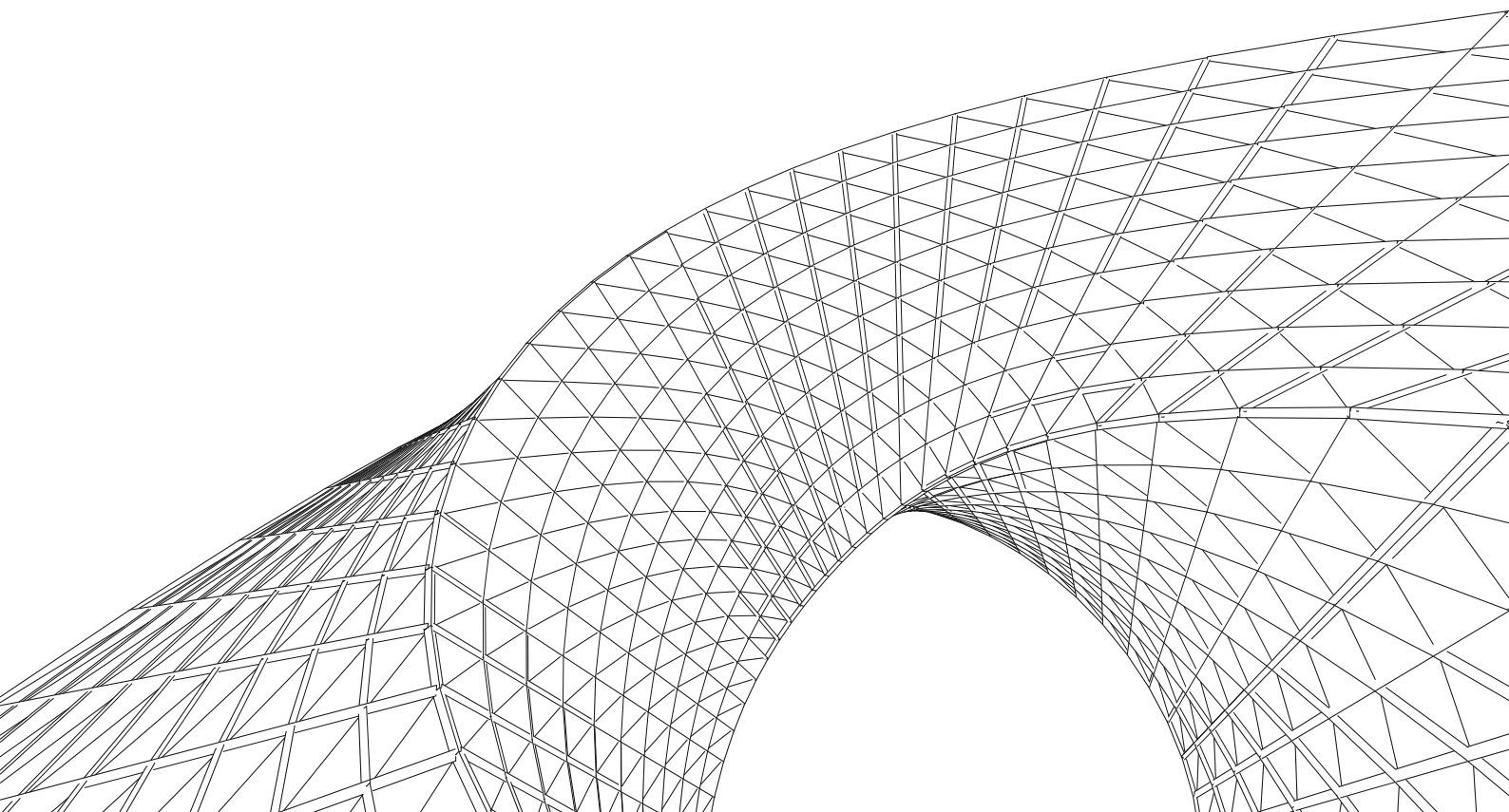


PRE-CAST CONCRETE PROJECTS

A/ Pre-Cast buildings of large area & volume (shopping malls, industrial buildings, hospitals)

Project	Client	AFEC Services
GAS PLANT BUILDING – KNPC	Alamiah Building Co.	Redesign of the roof structure to precast system, shop drawings.
DERMATOLOGICAL HOSPITAL AT SABAH	Alamiah Building Co.	Structural design and shop drawings for completely precast building, design/ built project
PSYCHIATRIC HOSPITAL AT SABAH	RECAFCO	Structural design and shop drawings for completely precast building, design/built project
USAIMI STORE BUILDING AT FARWANIYA	IBC	Structural design and drawings for completely precast structure with large spans and heavy load requirements of approx. 10000 m2.
ALI ABDUL WAHAB STORE BUILDING IN FARWANIYA	MARRAFIE and RECAFCO	Structural design and drawings for predominantly precast structure of approx. 10000 m2.
V.I.P. TERMINAL AT KUWAIT INTL. AIRPORT	Alamiah Building Co.	Structural design and drawings for entirely precast structures, Plaza Canopy, Plaza Walls and Drop-off Canopy, original design by SSH.
CHALETS IN JELLIYA	Ahmadiyah Contracting and Trading Co. – ACTC	Design and drawings for 40 nos. precast buildings
MISSILE STORES AT UMM-AL-ROS	Al Tebah EST and Alamiah Building Co.	Structural design and drawings for missile store buildings with large spans (32 m) post-tensioned beams.
BAYAN COOPERATIVE	Al Bab Kuwait and IBC	Structural design and drawings for precast and cast in situ structure.
OMARIYA MULTIPURPOSE HALL	IBC	Structural design and drawings for precast structure.
AL MAHRY COLD STORE BUILDING IN SHUWAIKH	IBC	Structural design and drawings for precast structure.
AL JASSER STORE IN SHUWAIKH	IBC	Structural design and drawings for precast and C.I.S. structure.
BMW/ROVER SHOWROOM	ARINCO	Structural design and drawings for precast structures in the building.
ALI ABDUL WAHAB STORES IN ARDIYA	RECAFCO	Structural design for pre-cast structure with large spans and heavy loads.
COMMERCIAL COMPLEX IN JAHRA	IBC	Design of pre-cast structure.
NEW ADMINISTRATION BUILDING AT BAYAN PALACE	Highslant Precast Factory	Complete Structural design works for 100,000 m2 pre-cast building.
PALM COMPLEX AT BIDAA IN SALMIYA - MOVENPICK HOTEL, KUWAIT	ALARGAN	Structural design for pre-cast buildings (hotel, 2 apartment buildings and car park), total area in excess of 40 000 m2.
MISHREF COOPERATIVE EXTENSION AND CAR PARK	IBC	Structural re-design works for completely pre-cast structure.

Project	Client	AFEC Services
COMMERCIAL COMPLEX IN DAJEEJ AREA FOR SITCO	SITCO	Structural design works for pre-cast structure in total area 27,000 m2.
COMMERCIAL COMPLEX IN DAJEEJ AREA for ORIENTAL C. C.	ORIENTAL C. C.	Structural design works FOR pre-cast structure in total area 30,000 m2. Construction completed by RECAFCO.
THE AVENUES PROJECT – PHASE 1 (Ikea showroom)	Alghanim International	Complete redesign of Ikea showroom (32,000 m2).
THE AVENUES PROJECT – PHASE 1	Alamiah Building Co.	Pre-cast floor decks design for all buildings, (140,000 m2).
THE AVENUES PROJECT- PHASE 2 (THE LAKES AND MAGIC PLANET)	Highslant Precast Factory	Pre-cast floor decks design for all buildings (60,000 m2).
BAYAN PALACE FITNESS CENTER AND HELIPAD	Alamiah Building Co.	Structural design for pre-cast and GRC elements; complete design works for Helipad.
CENTRAL KITCHEN AT BAYAN PALACE	Highslant Precast Factory	Complete structural design of c.i.s basement and pre-cast super structure for the Contractor.
MARTYR’S OFFICE BUILDING FOR AMIRI DIWAN	Alamiah Building Co.	Complete Structural design works for the Project, predominantly pre-cast structure.
AMERICAN UNIVERSITY OF MIDDLE EAST - EXTENSION OF ENGINEERING BUILDING	Highslant Precast Factory	Structural design works for the building in pre-cast system.
NEW BUILDING (A) AT PALMS BEACH HOTEL AND SPA	ACICO Construction Co.	Full construction design package for the Project.



B/ Pre-Cast Car-Park Structures

Project	Client	AFEC Services
AMIRI DIWAN - WEST END CAR PARK	RECAFCO	Structural design consultancy and shop drawings production.
MEW/MPW HQ BUILDING - CAR PARK	INDEX Co.	Structural design works.
KUWAIT UNIVERSITY CAR PARK AT JABRIYA	Kuwait Technical Consulting Office	Structural design and design drawings for 58,000 m2 car park building.
AWQAF CAR PARK	Alamiah Building Co.	Structural design works for complete scope of pre-cast elements. Project completed by ABC / M.A. KHARAFI.
ANADLUS CAR PARK	Ahmadiyah Contracting and Trading Co. – ACTC and Highslant Precast Factory	Structural design works for pre-cast elements (45,000 m2).
AL AWADI CAR PARK	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design works for pre - cast structure 45,000 m2.
MULTISTOREY CAR PARK CPA/269 AT REGGAE	United Victory General Trading. & Cont. Co.	Structural design works for the Project, pre-cast structure of approx. 50,000 m2.
PACI CAR PARK	Alamiah Building Co.	Design works for pre-cast structure and shop drawings preparation.
AMERICAN UNIVERSITY OF MIDDLE EAST - MULTISTOREY CAR PARK BUILDING	Highslant Precast Factory	Structural design works for the building in pre-cast system.
NEW SABAH HOSPITAL CAR PARK	Highslant Precast Factory	Structural design works.

C/ Pre-Cast High Rise Building

Project	Client	AFEC Services
RESIDENTIAL BUILDINGS IN SALMIYA	Alamiah Building Co.	Structural design and drawings for 4 nos., 6 stories, completely pre-cast buildings, foundations on precast piles, including precast cladding design and drawings.

D/ Pre-Cast Bridges / Bridges Beams

Project	Client	AFEC Services
VEHICULAR AND ANIMAL BRIDGES, SAUDI ARABIA	Beout pre-cast factory	Structural design for pre-cast structures over railway tracks.
CONSTRUCTION, COMPLETION AND MAINTENANCE OF ROADS AND INTERCHANGES ON THE WESTERN PART OF JAMAL ABDUL NASSER STREET (RA-213) - PEDESTRIAN BRIDGES 2, 3, 4, and 5	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design works for the pedestrian bridges at the Project.

3/ STEEL STRUCTURES

a) Customized steel framing solutions for a wide spectrum of buildings, from towering high rises to robust industrial facilities.

b) Verification and validation of space frame structures sourced from manufacturers or suppliers, ensuring compliance with engineering standards and specifications.

c) Design and construction oversight of large-scale steel roof structures and space frame assemblies, optimized for strength-to-weight ratios and structural efficiency. Comprehensive oversight from fabrication to erection ensures seamless integration and adherence to design intent through meticulous documentation follow up.



SHAHEED PARK III

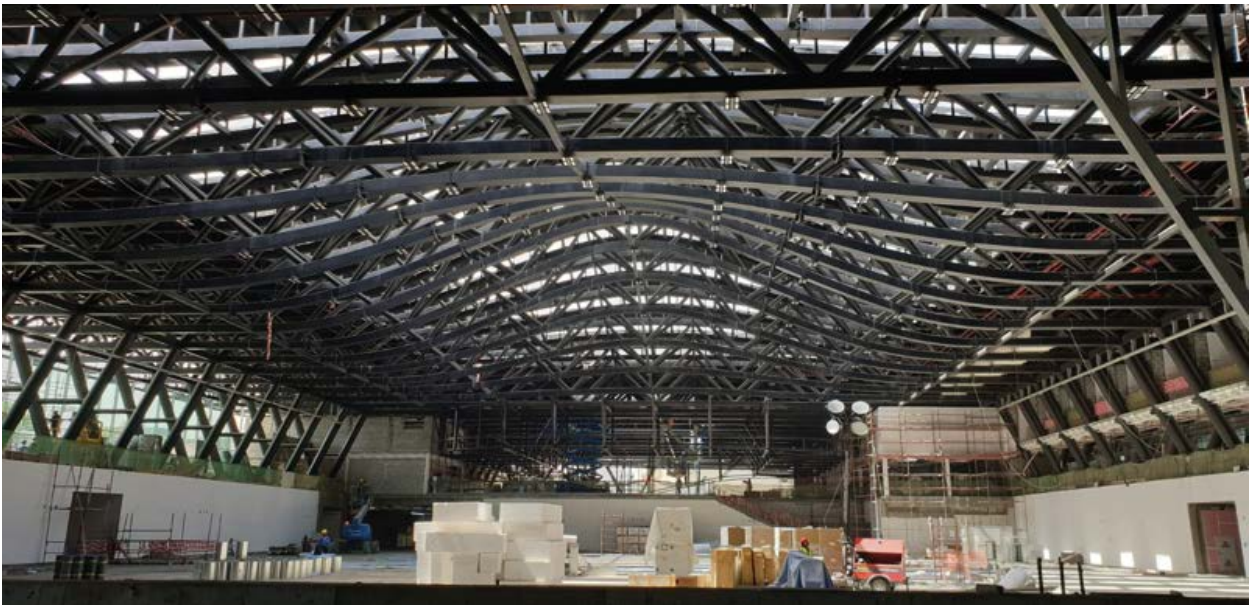
COMPLETE STRUCTURAL DESIGN WORKS

Client: Al Hani Construction and Trading Co.

Contract Value: 87,000,000 KD

Year: 2020 – 2024

AFEC Services: Complete Structural design and Consultancy services



THE AVENUES MALL-PHASE IV

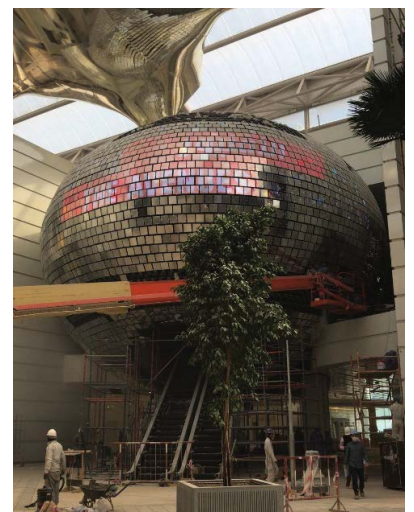
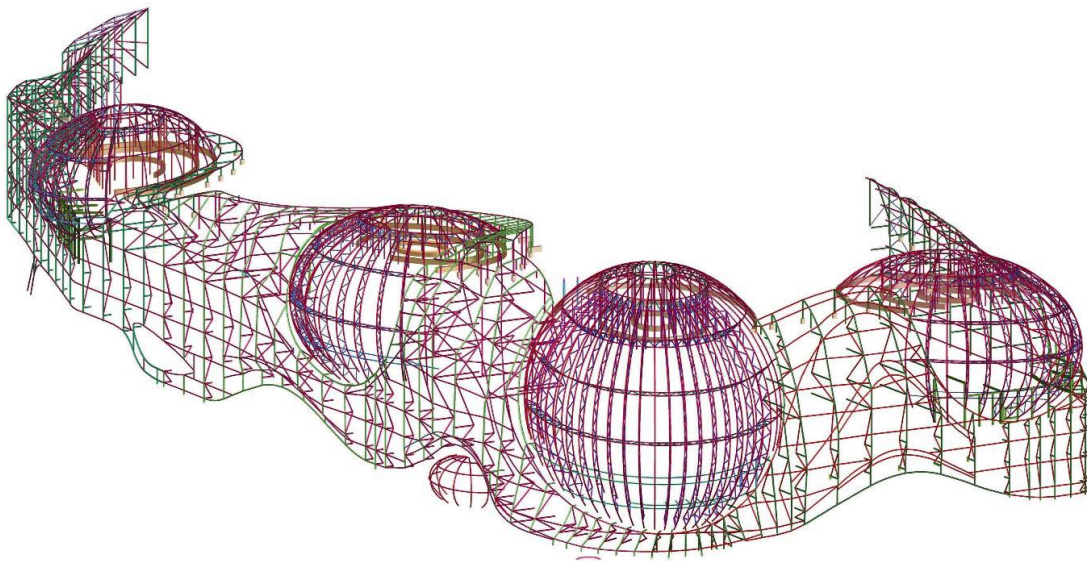
EGG SHELLS & CURVED FAÇADE

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 240,000,000 KD

Year: 2014 - 2017

AFEC Services: Complete Structural development and design works for the façade steel frame.



THE AVENUES MALL-PHASE IV

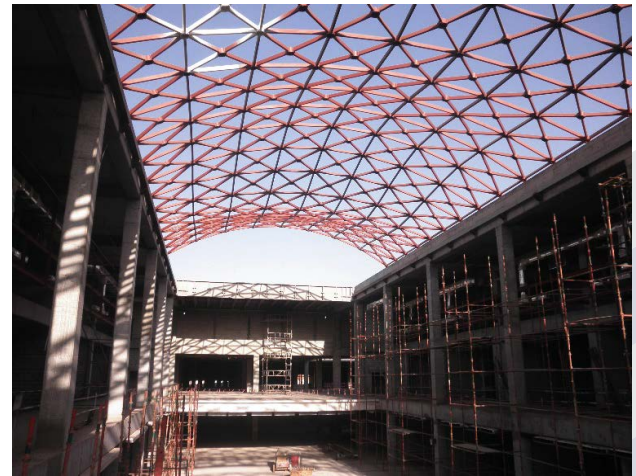
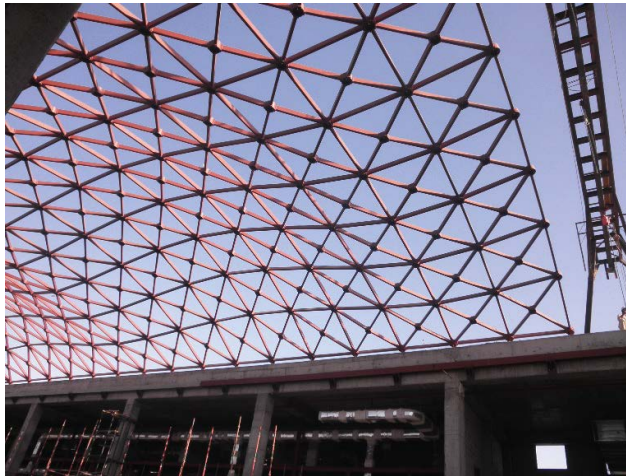
STEEL ROOF STRUCTURES

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 240,000,000 KD

Year: 2014 - 2017

AFEC Services: Design work for various steel roof structures.



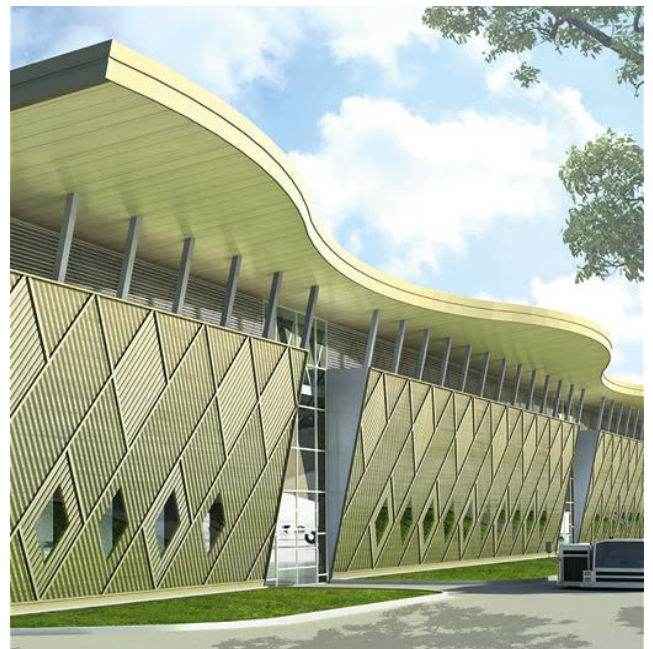
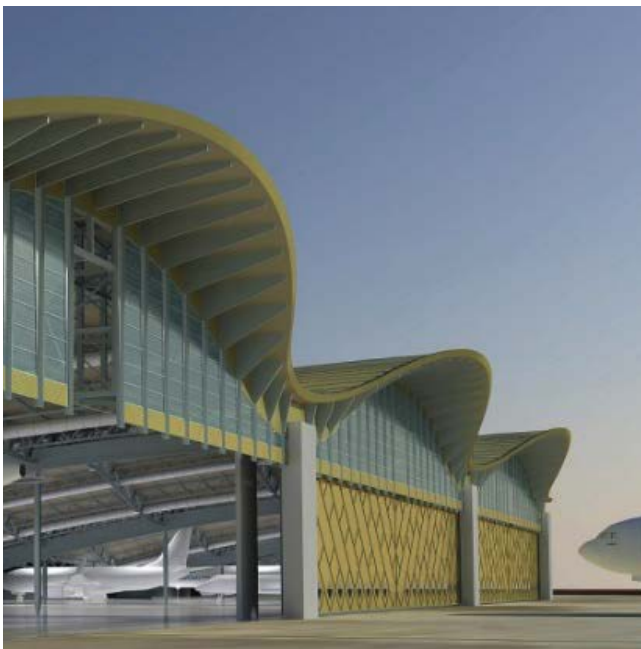
AMIRI TERMINAL BUILDING & OTHER FACILITIES KUWAIT INTERNATIONAL AIRPORT NEW AMIRI HANGAR

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 29,000,000 KD

Year: 2013 - 2014

AFEC Services: The new aircraft hangar cover 25,000 m2 to accommodate eight aircrafts of different type and size. Complete Structural design works for foundations, sub-structure, cladding, apron and endorsement of the curved space frame roof structure (for Amiri Diwan).



AMIRI TERMINAL BUILDING & OTHER FACILITIES KUWAIT INTERNATIONAL AIRPORT HANGAR BUILDING

Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 36,000,000 KD

Year: 2007 - 2009

AFEC Services: Complete structural design works, follow up, verification of steel space frame structure (approx. 19000 m², 1200 tons of weight); Design of structures (towers) and systems for lifting of the space frame structure.



STEEL STRUCTURES

A/ Building Steel Framings; High Rise Structures, Industrial Structures

Project	Client	AFEC Services
AWADI TOWER PROJECT	Green Spring Group General Trading	Structural design calculations and structural shop drawings.
AIR TRAFFIC CONTROL TOWER AT UDAIRI CAMP, KUWAIT	Ahmadiyah Contracting and Trading Co. – ACTC	Structural steel design works.
KUWAIT INDUSTRIAL GASSES COMPANY - SHUAIBA PLANT	SHBC	Structural design works for the equipment foundations, construction completed.
AL MANSHAR PROJECT (supporting steel structure for tensile fabric tents)	Kuwait Current General Trading & Construction Co.	Structural design works.
AL ZOUR South DESALINATION PLANT	Alghanim International	Complete Structural design works for industrial buildings and pipe racks at the Project.

B/ Verification of Space Frame Structures

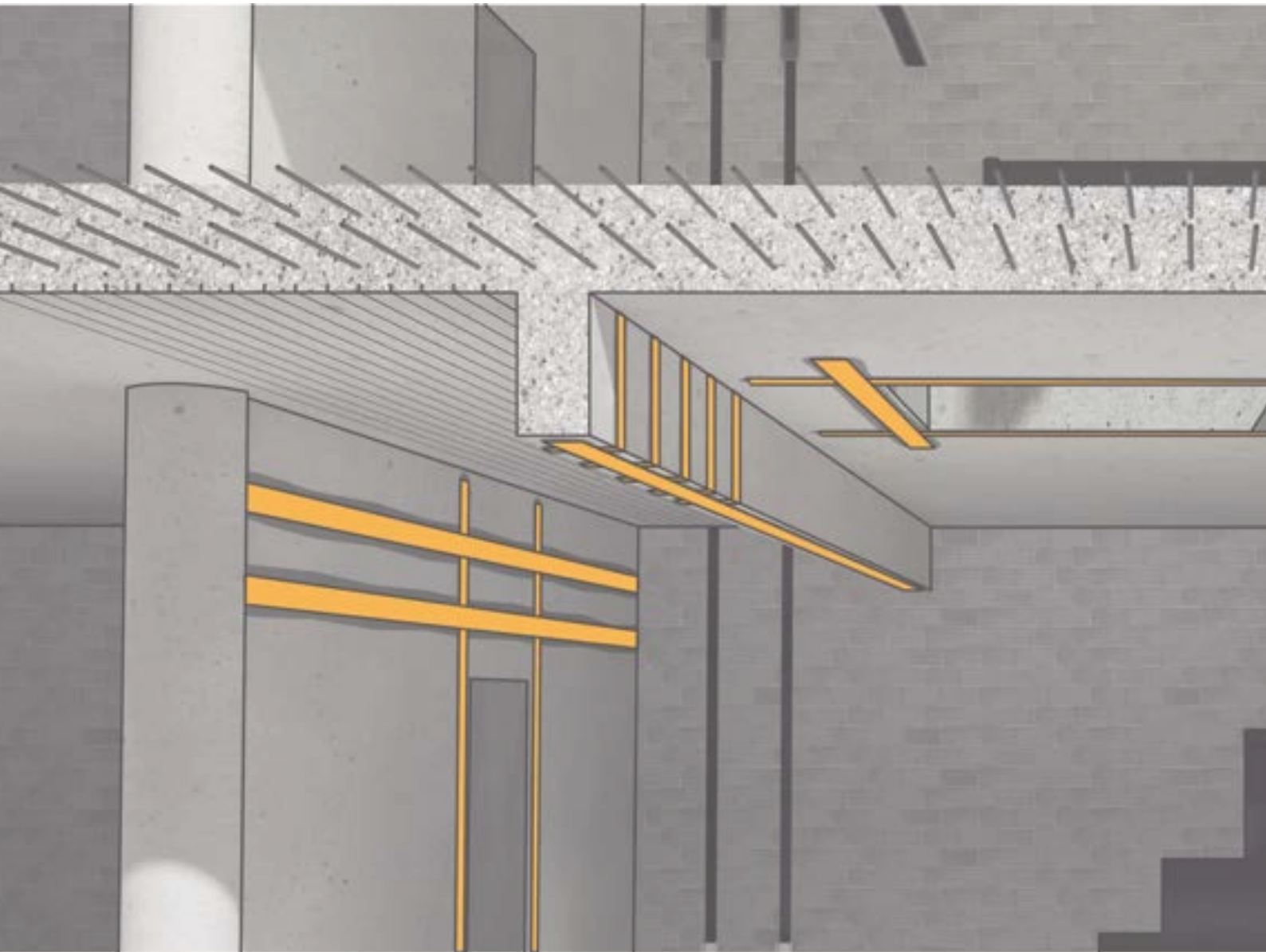
Project	Client	AFEC Services
DISCOVERY MALL	KUCM	Space frame verification.
AMIRI TERMINAL BUILDING AT KUWAIT INTERNATIONAL AIRPORT – VIP DOME	Ahmadiyah Contracting and Trading Co. – ACTC	Space frame verification (design by USCON).
AMIRI TERMINAL BUILDING AT KUWAIT INTERNATIONAL AIRPORT – HANGAR BUILDING	Ahmadiyah Contracting and Trading Co. – ACTC	Space frame verification (design by USCON).
AMIRI TERMINAL BUILDING AT KUWAIT INTERNATIONAL AIRPORT - NEW AMIRI HANGAR	Ahmadiyah Contracting and Trading Co. – ACTC	Space frame verification of the hangar for Airbus 380 (design by USCON).
SHAHEED PARK III	Al Hani Construction and Trading Co.	Verification of the steel space frame over the Theatre building (designed by Polarkon)

C/ Large Steel Roof Structures; Space Frame Structures

Project	Client	AFEC Services
KUWAIT UNIVERSITY - STEEL STRUCTURES	Al Hani Construction and Trading Co. and Al Khalid Eng. & Contr. Co.	Design and shop drawings for: Computer Centre/Lecture Hall buildings (for Al Hani Construction and Trading Co.), and College of Social and Legislative Studies (for Al Khalid Eng. & Contr. Co.)
AVENUES PHASE III - STEEL WORKS	JANGHO BEIJING CURTAIN WALLING	Steel design works and consultancy services.

4/ RECTIFICATION / RENOVATION WORKS

Comprehensive structural assessment and remedial services are offered to guide rectification efforts for structures afflicted with diverse forms of damage or deterioration.



AL-SALAM PALACE RENOVATION

Client: SSH International Eng. Consultants

Contract Value: 39,000,000 KD

Year: 2013 - 2019

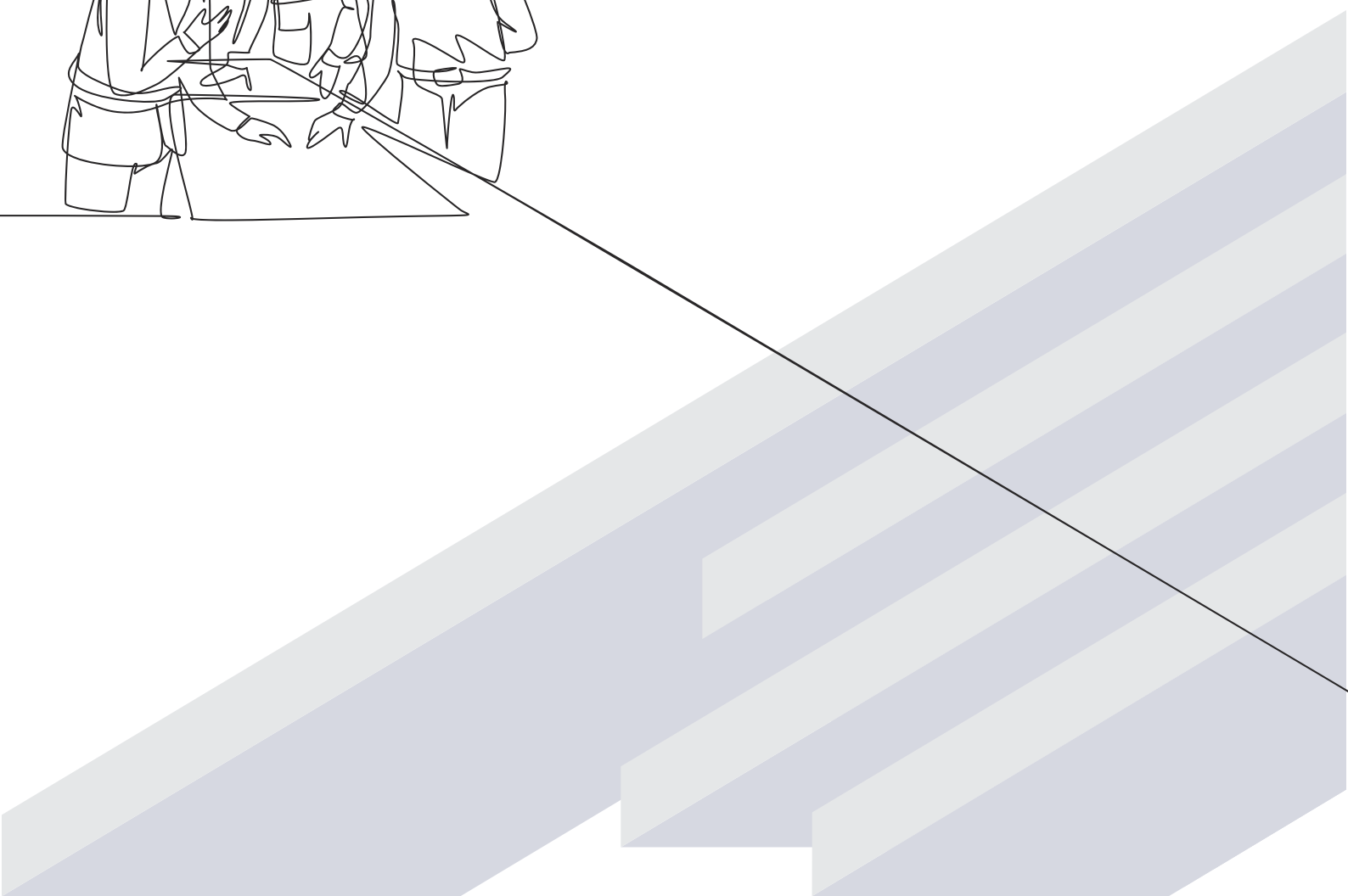
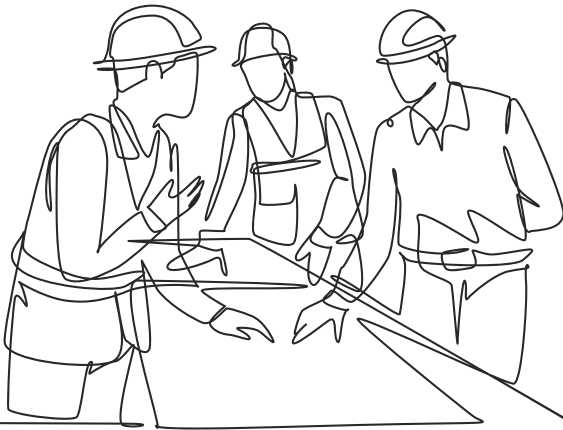
AFEC Services: Complete Structural Consultancy services for the building renovation.



RECTIFICATION/ RENOVATION WORKS

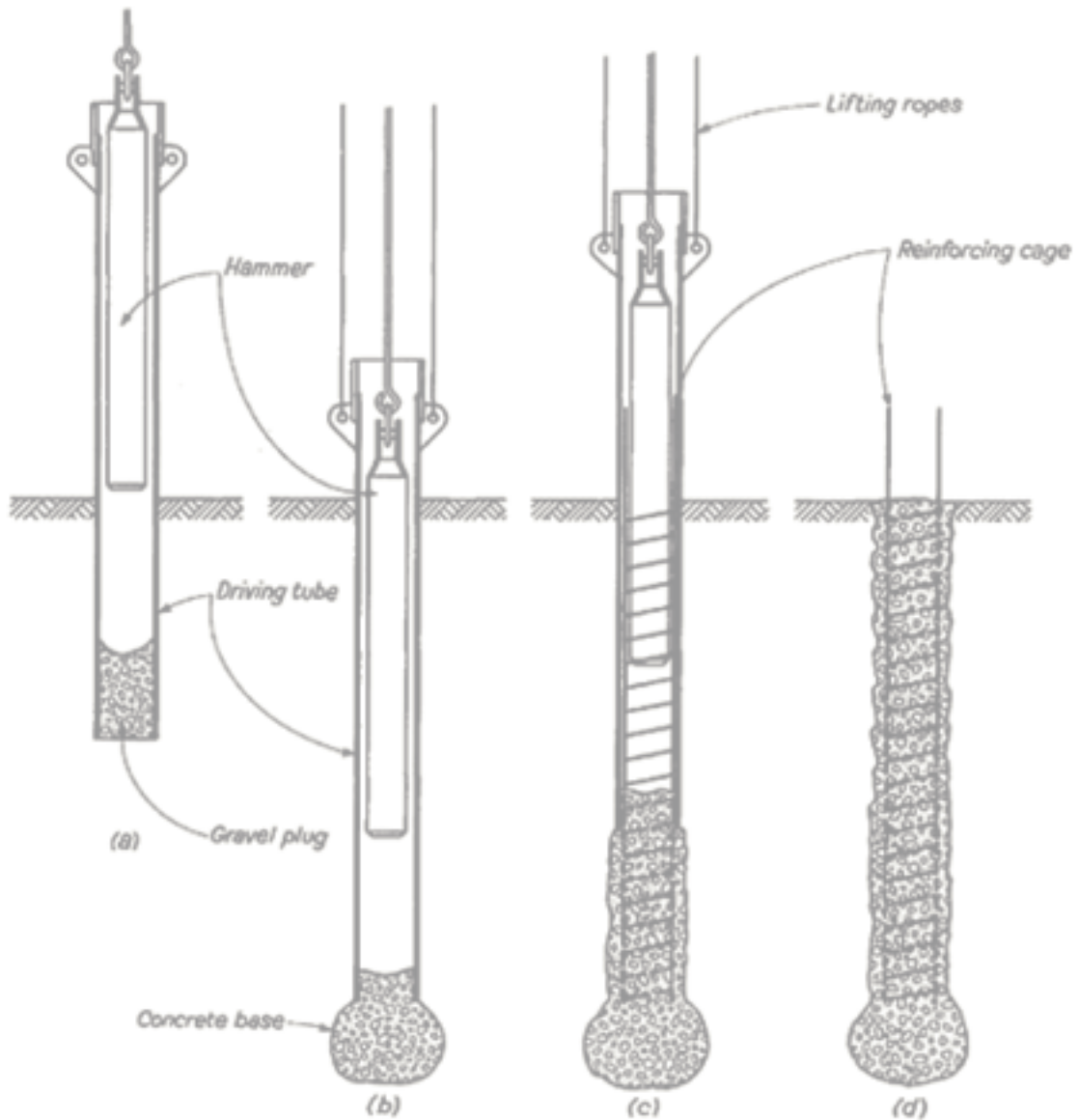
Project	Client	AFEC Services
COMMERCIAL BANK HQ	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design works and drawings for all rectification works.
KUWAIT INSURANCE COMPANY (KIC) IN SHARQ	Al Bahar Construction Company	Complete structural assessment, investigations and rectification design for KIC Company building at Sharq (opposite Seif Palace).
REGENCY HOTEL IN SALWA	Various contractors	Complete structural design works. Rectifications and assessment of the structure (Hotel and Conference Hall) damaged by fire and designs of new structures. Design of bridge connecting Hotel and Conference Hall. Follow-up and supervision of all structural works.
TRAINING VOCATIONAL INSTITUTE IN JAHRA	Al Hamra Kuwait Co	Structural assessment, evaluation, testing and rectification of the part of existing building.
RADISSON BLU (SAS) HOTEL	Al Marafie Group	Structural assessment, evaluation, testing and rectification of existing building.
SUBIYA POWER PLANT	General Electric - Power and Gas	Structural rectification design works for the Steam Turbine building damaged in fire accident.
AL ASSIMA PROJECT IN KUWAIT CITY	Ahmadiyah Contracting and Trading Co. – ACTC	Structural consultancy design services for rectification works for damages caused by fire.
HOLIDAY INN KUWAIT (AL HUDA COMPLEX)	International interiors	Structural renovation design works and now hotel lobby.
SAFCORP CO. HEAD OFFICE	SAFCORP Head Office	Building rectification after pre-engineered steel framing collapse. Structural design and Rectification works.
KHEITAN SCHOOL	Al Sane	Additional floor and Building strengthening. Structural design works completed.
THE KUWAIT DANISH DIARY COMPANY (KDD) KCSC - MAIN DIARY BUILDING	KDD	Rectification works after fire damages. Design evaluation and rectification of structural members after damages caused by fire, complete structural consultancy works.
KGL LOGISTICS WAREHOUSE IN SHUWAIKH	KGL LOGISTICS	Structural steel rectification works.
KUWAIT INTERNATIONAL AIRPORT RENOVATION AND REHABILITATION	Middle East Development Company - MEDCO	Structural design works for the Project.
PUBLIC AUTHORITY FOR APPLIED EDUCATION AND TRAINING (PAAET) ADMINISTRATION, EDUCATIONAL & STUDENTS SERVICES BUILDINGS AT SHUWAIKH CAMPUS	PAAET Engineering Department	Structural design of rectification measures.
FAHAHEEL AL-KOUT MALL WATERFRON	Ajjal Real Estate	Structural design for rectification works.

Project	Client	AFEC Services
AL AMIRI HOSPITAL EXTENSION	ASCO	Verification of structural design and design of rectification measures.
AL SAYER RENTAL CAR CENTER AT AHMADI	Al Sayer International Group	Damage assessment and rectification design after flood accident. Structural consultancy design services.
THUNYAN ALGHANIM BUILDING	M/s. Alghanim	Complete structural assessment and rectification strengthening works.
AL-WAZZAN HQ BUILDING AT KFTZ	Al Wazzan Group	Structural assessment, testing and strengthening design and supervision.
QATAMI FACTORY SUBHAN	Al Qatami Company	Rectification works after fire damages. Design evaluation and rectification of structural members after damages caused by fire, complete structural consultancy works and supervision.
WDC II MINA ABDULLAH	Ahmadiyah Contracting and Trading Co. – ACTC	Rectification works after fire damages. Design evaluation and rectification of structural members after damages caused by fire, complete structural consultancy works.



5/ FOUNDATION & PILES DESIGN

Specialized expertise in the design of diverse foundation systems, including mat slabs, isolated footings, precast driven piles, bored piles, and pile-raft systems. Designs are tailored to site-specific geotechnical conditions and loading requirements.



FOUNDATION & PILES DESIGN

Project	Client	AFEC Services
AL-SHARQ WATERFRONT PROJECT	Ahmadiyah Contracting and Trading Co. – ACTC	Marine shop drawings package preparation (for Consolidated Contractors Co.). Design of foundations (precast piles) for all buildings and design of all rectification works (for ACTC).
PWC STORES IN MINA ABDALLAH	AMANA Construction	Complete design for sub-structure concrete works in total area of 70,000 m2.
HONDA SHOWROOM	Alghanim International	Complete design included tension piles and foundation system.
KHARAFI RESIDENTIAL TOWER AT SALMIYA	Alamiah Building Co	Design of compression piles and redesign of foundation and pile caps.
MARINA CRESCENT BUILDING	Ahmadiyah Contracting and Trading Co. – ACTC	Complete design included pre-cast driven piles.
KHAITAN CLINIC	MOH	Pre-cast driven piles and pile caps design.




6/ ALUMINUM & GLASS DESIGN WORKS

Expertise extends to the structural design of glass and aluminum systems, encompassing curtain walls, façade systems, spider walls, skylights, balustrades, and canopies.



ALUMINUM & GLASS DESIGN WORKS

Project	Client	AFEC Services
COLLEGE OF ARTS AND EDUCATION AT SABAH AL SALEM UNIVERSITY CITY	Beijing JANGHO Curtain Wall Co.	Structural design and consultancy services for shop drawings preparation.
COLLEGE FOR WOMEN AND COLLAGE OF BUSINESS AT SABAH AL SALEM UNIVERSITY CITY	Wuhan Lingyun Building Decoration Engineering Co.	Consultancy services for various glass and aluminum structures.
COLLEGE FOR WOMEN AND COLLAGE OF BUSINESS AT SABAH AL SALEM UNIVERSITY CITY	Sinohidro Corporation Limited.	Consultancy services for various glass and aluminum structures.
COLLEGE OF SOCIAL SCIENCES, COLLAGE OF LOW, COLLEGE OF SHARI'A AND ISLAMIC STUDIES AT SABAH AL SALEM UNIVERSITY CITY	Sinohidro Corporation Limited.	Various structural verification and design works.
AL ANDALOUS PROJECT	Alumaco Intemation Company	Structural design works.
AL ADAN HOSPITAL – WOMEN AND CHILDREN HOSPITAL	Alumaco Intemation Company	Structural design works.



7/ THRID PARTY APPROVALS, VERIFICATIONS & SUPERVISIONS

Third-party approval and verification services are available at the client's discretion for all structure types. Frequently, as stipulated in contracts, **AFEC Project Management** is granted third-party approvals, signifying the highest level of recognition and trust from clients and regulatory authorities.



KIPCO TOWER PROJECT-SHARQ (UNITED TOWER)

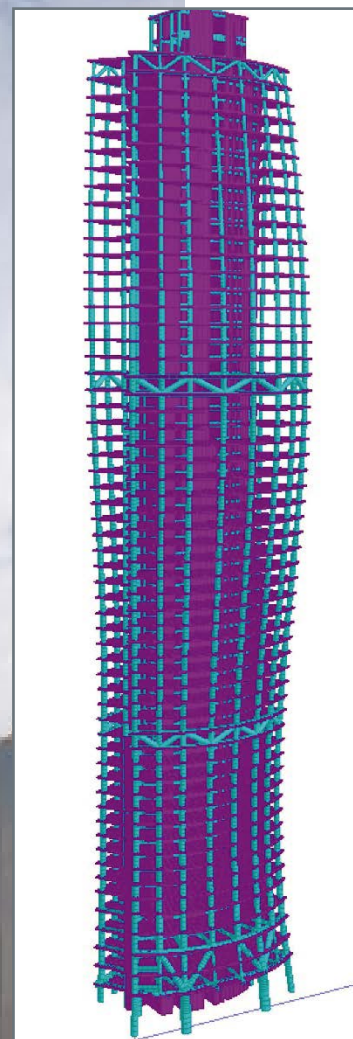
Client: Ahmadiyah Contracting and Trading Co. – ACTC

Contract Value: 51,000,000 KD

Year: 2007 – 2012

AFEC Services: Structural design review at Contractor's (ACTC) request for 60 story concrete tower building with total height 256m.

Architect KPF, Structural Engineer WSP.



THIRD PARTY APPROVALS, VERIFICATIONS & SUPERVISIONS

Project	Client	AFEC Services
CENTRAL BANK HQ BUILDING	M.A. KHARAFI	Design evaluation of critical structural members at Contractor's request.
AVENUES PROJECT PHASE 3, KUWAIT	Alghanim International	Design evaluation of structural members with emphasis on value engineering at Contractor's request.
TWIN TOWERS FOR PIFSS SUBSIDIARY COMPANIES - phase II	First United	Structural design review at Contractor's request for twin towers building; Designer Al Habshi Consultants.
RA-257 – BRIDGES AND VARIOUS TEMPORARY STRUCTURES	Combined Group (CGC) and Sub-contractors	Third party consultancy and verification for Main Contractor (CGC) and Sub-contractors.
KUWAIT WORLD TRADE CENTER (KWTC)	SHBC	Structural design review
ALKOUT MALL	Tamdeen Real Estate	Third party peer review and design verification.
KITC TENNIS COURT	Tamdeen Real Estate	Third party peer review and design verification.



8/ VARIOUS AFEC PROJECTS



TENNIS COURT COMPLEX 360 MALL

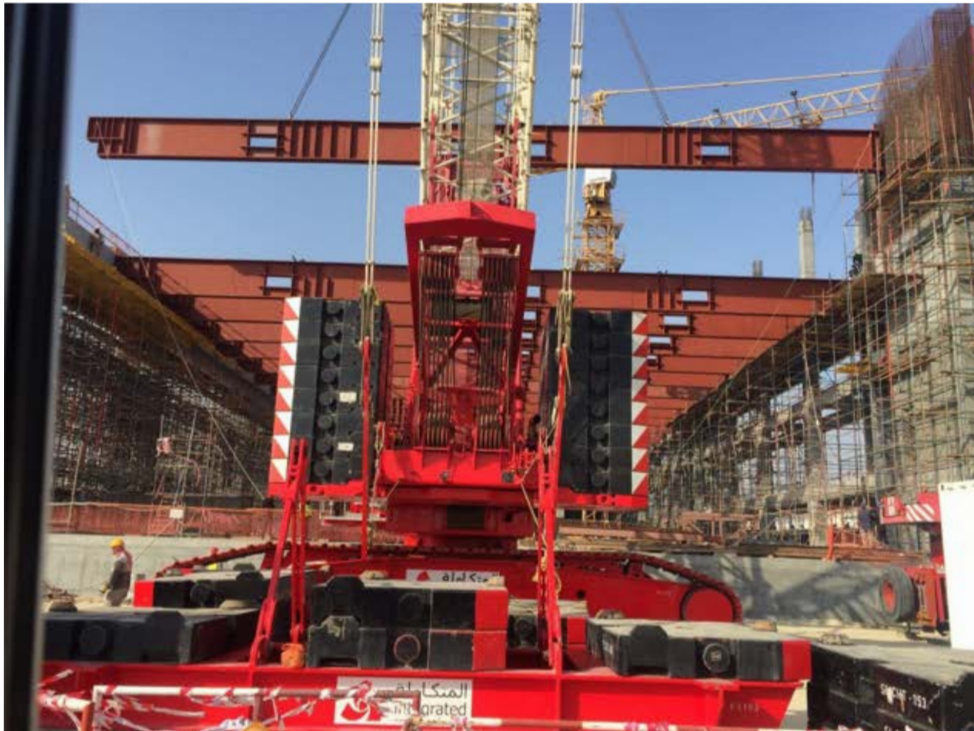
VARIOUS CONSULTANCY SERVICES

Client: Various Contractors

Contract Value: 125,000,000 KD

Year: 2015 - 2018

AFEC Services: Structural consultancy design service for numerous items designated for Contractor's design.



MONUMENTS-SHAHEED PARK II (CONSTITUTION & GLASS MONUMENTS)

Client: Al Hani Construction and Trading Co.

Contract Value: 700,000 KD

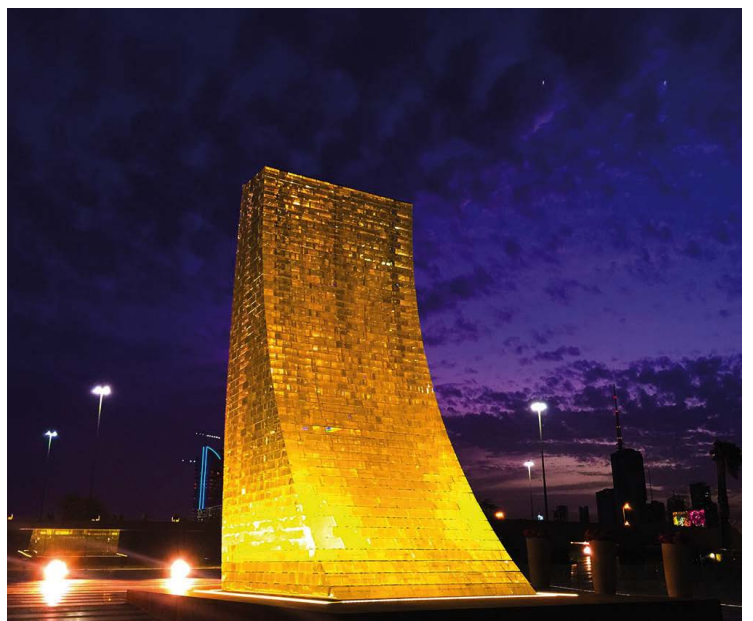
Year: 2013

AFEC Services: Complete Structural design and Consultancy services for Shaheed park II constitution and glass monuments.

THE CONSTITUTION MONUMENT



THE GLASS MONUMENT



CLOCK TOWER

KUWAIT INTERNATIONAL AIRPORT

Client: Alameiah Building Co.

Contract Value: 80,000 KD

Year: 2013

AFEC Services: Structural design and drawings for 12 m height pre-cast concrete tower monument structure.



STRUCTURAL DESIGN WORKS

Project	Client	AFEC Services
AMIRI DIWAN - RECONSTRUCTED STONE, PACKAGES # 12 AND # 19	Alamiah Building Co	Shop drawings preparation.
KUWAIT UNIVERSITY ADMINISTRATION AND LIBRARY BUILDING	Al Fulajj United Group Company	Structural shop drawings production and design consultancy.
VILLA IN FUNAITEES	Ahmadiyah Contracting and Trading Co. – ACTC	Redesign of all floor slabs to waffle system (approx. 6,000 m ²) and redesign of foundation system to bored piles.
MINISTRY OF INTERIOR MAIN OFFICE	Alamiah Building Co	Structural design works for the new office's decorative structures (cladding, shades, gates, canopies etc.).
CARE CENTRE FOR MENTALLY HANDICAPPED AT SOUTH SABAHYA	Al Fulajj United Group Company	Redesign of Central Core structure to receive pre-cast TT slabs, design of pre-cast structures.
THUWEINY VILLA IN SHUWAIKH	Ahmadiyah Contracting and Trading Co. – ACTC	Structural design works.
FAISAL AL KAZEMI VILLA	RECAFCO	Structural design works for building in total area of 2,000 m ² .
KUWAIT INTERNATIONAL AIRPORT MODIFICATION STAGES 1, 2 & 3	Various contractors	Design works completed (car park strengthening, conveyor belt design, new ramps, etc.).
THE ENGLISH SCHOOL OF FAHAHEEL	KUCM	Structural design works.
FAHAHEEL WATERFRONT PROJECT - steel works; piers - pre-cast works -	Ahmadiyah Contracting and Trading Co. – ACTC	Steel works; piers - pre-cast works. Structural design calculations and structural shop drawings, for both steel and pre-cast structures.
VARIOUS STRUCTURES FOR US ARMY IN IRAQ	The First Kuwait Co.	Structural design works.
AIRPORT PROJECT (LONG TERM PARKING EXTENSION)	SSH International Eng. Consultants	Structural performance specifications, including drawings for design-built stage.
DHOW TOWER IN KUWAIT CITY	Ahmadiyah Contracting and Trading Co. – ACTC	Foundations and floor decks redesign.
ALGHANIM CAR SHOWROOM IN SHUWAIKH	Alghanim Industries	Complete structural design.
NEW BSK SCHOOL IN SALWA (Kindergarten)	Veronica Patrik Mill	Complete structural design
ADMINISTRATION AND LABORATORY BUILDINGS FOR AGRICULTURAL COMPLEX IN ABDALLY	AMANA UNITED	Structural redesign works.
HAMRA & FIRDOUS MIXED USE COMPLEX	Ahmadiyah Contracting and Trading Co. – ACTC	Various designs for elevator supports, steel bridges, building maintenance units and supports, and other steel works.
COLLEGE OF MUSICAL AND THEATRICAL ARTS	Dar Saleh Al Qallaf EC	Complete structural design works.

Project	Client	AFEC Services
AHMADI CULTURAL CENTRE	SOM (Kuwait offset program)	Complete Structural design works for the Project, Architect SOM (Kuwait offset program). Design completed.
GO KART IN AL KOUT MALL - TRACK DESIGN	Tamdeen Entertainment Company	Structural design works.
SMART CAR PARK BUILDING	Bayan National Construction Contracting Co	Structural design works for the smart car park building.
BEHBEHANI MOTORS COMPANY - CENTRAL BODY SHOP	SHBC	Structural consultancy services.
AVENUES MALL PHASE 4 - VARIOUS CONSULTANCY SERVICES	Various Contractors	Structural consultancy design services for numerous items.
AL ASSIMA PROJECT IN KUWAIT CITY - VARIOUS CONSULTANCY SERVICES	Various Contractors	Structural consultancy design services for numerous items.
AMIRI GUARD DORMITORY BUILDING AT BAYAN PALACE	Al Khateeb Group	Structural consultancy re-design services.
NEW KUWAIT INTERNATIONAL AIRPORT - VARIOUS CONSULTANCY SERVICES	LIMAK Insaat Kuwait SPC	Structural consultancy services; design of temporary steel towers: method statement for construction of Baggage Handling area.
UMM AL HAYMAN	WTE	Various consultancy, design and verifications.
AVENUES MALL IN KHOBAR, SAUDI ARABIA	Ahmadiyah Contracting and Trading Co. – ACTC	Complete Structural redesign services for raft foundation and soil with cavities treatment analysis.



AFEC

— PROJECT MANAGEMENT —

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