



البواردي
 للاستشارات الهندسية
alwardi
 Engineering Consulting



ISO 9001:2015 • ISO 45001:2018

**COMPANY
OVERVIEW**



VISION

As architects, designers, planners and consultants, we believe it is our responsibility to design high-performing, healthy buildings that positively impact the people, environment, and communities they serve. We do this by creating facilities that are resource-efficient, site and community enhancing, and provide a healthy and enjoyable experience for the people within them.

We believe that the best opportunity for quality design exists with an integrated team approach led by people in our office who are working daily on your project, which results in trustworthy and long lasting partnerships between the firm and our Clients. Our team is prepared to tackle your most challenging issues during all phases of design, construction, and life cycle support.

Our clients know that we'll do what we say we'll do, that we will work hard and give our best to every project, and, that we will relentlessly seek out and tell them the truth, every time.

ABOUT US

Albwardi Engineering Consulting is a full-service architecture and engineering firm focused on the government and private sector, with specialized expertise in Buildings, Infrastructure, Water Services and Project Management. From concept through construction, AlBwardi is committed to forming lasting partnerships while providing sustainable design solutions that meet real-world needs.

Our reputation is our most valued asset, and this translates to the skill and talent of our architects, engineers and consultants who collectively have the vision and expertise to deliver tailored, innovative and award winning solutions.

AlBwardi's collaborative approach and dedication to sound decision-making result in forward-thinking ideas and solutions that make our client's projects a greater success. We comprise of highly skilled senior managers, experienced professionals and international consultants who are experts in their spheres and are also competent to understand the exact requirements of clients.

Our multiple-office structure allows us to offer clients the advantages of collaboration within a large, national office, as well as hands-on service from local professionals who understand the market. It also creates a diverse corporate culture with a multitude of languages and ethnic backgrounds and an abundance of ideas, talent and expertise.

The story of AlBwardi Engineering Consulting is told through our clients, our employees and the communities in which we work. Since our formation, AlBwardi Engineering Consulting has stayed true to what we have always believed in, that our clients and employees deserve our best, and this is still the foundation for our dynamic operations today.

AlBwardi Engineering Consulting believe our success is largely due to our unwavering commitment to provide our clients and employees with their own unique opportunities to thrive. AlBwardi Engineering Consulting do this by ensuring that our clients' expectations and needs are our priorities and we provide our employees with continual opportunities for development.

AlBwardi Engineering Consulting's roots are important to us. As we evolve and grow, we understand that maintaining the integrity of our past through a commitment to quality service, employee appreciation and delivering innovative, practical solutions to our clients is the key to our success.

AlBwardi Engineering Consulting are confident about the future, as we look toward new opportunities and continued growth in our many fields of service in the Kingdom of Saudi Arabia.



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Albwardi Engineering Consulting Methodology

Albwardi Engineering Consulting (AEC) was formed to meet the demands of the Saudi Arabian construction market to deliver world class services in the fields of Project Management, Consulting and Site Supervision services.

AEC's know how to integrate multiple design and construction team members together to provide for an efficient and effective development process. This is driven through their complete automated online Project Management Office (PMO) which also complements their Design capabilities and Building Construction Supervision Services.

AEC lead the professional services through exploiting the latest International methods and techniques to provide solid auditing, reporting and monitoring to any project activities from the start until the successful handing over to the client.

Albwardi Engineering Consulting believe in working as a team with our clients. In this process, we present and jointly evaluate construction methodology solutions in working meetings and in this evaluation employ the best expertise and experience available in each discipline. Albwardi Engineering Consulting has assisted developers in the region create marketable, sellable developments, and would offer our full support to the client in all phases of the construction of their projects.

Business organizations of all sizes are facing global competition and consistently building and delivering a consistent project to demanding Quality and time schedules is now paramount to business sustainability.

Effective and consistent project management practices are a key factor in the success of projects and therefore the success of the organization. Establishing a Project Management Office (PMO) enables you to establish PM best practices and achieve consistency in the use of those practices on all projects.

Albwardi Engineering Consulting have developed a world class PMO to assist our clients on all our projects. Using Albwardi Engineering Consulting PMO allows you to improve project predictability, optimize schedules, reduce risk, and manage project cost.

What can you expect on a Albwardi Engineering Consulting project.

- ✓ World Class Project Management Portal
- ✓ World Class Training and Mentoring
- ✓ World Class Human Resource and Project Management Support
- ✓ World Class Guidance from the Industries top consultants
- ✓ World Class Templates
- ✓ World Class Administrative Support
- ✓ World Class Project Insight and Oversight
- ✓ World Class Knowledge Repository

The business-specific objectives to be achieved:

- To deliver new project management process that reduces costs and increasing value. To make the clients project portfolio more efficient and sustainable.
- To create an environment where projects can be designed in conjunction, thus improving the way they are constructed, supervised and controlled after commission.



- To provide a new tender management system that offers transparency in all dealing and provides each project with the optimum value for money.

We have Ten Steps to PMO success:

1. Project Integration Management: How all the project knowledge areas and processes work together.
2. Project Design Management: Controlling the Architectural, Engineering and Construction
3. Project Scope Management: Defining, Executing, and Managing the Project Scope.
4. Project Time Management: Creating and Controlling the Project Schedule.
5. Project Cost Management: Defining and controlling all things Financial.
6. Project Quality Management: Defining and adhering to a Project Quality Policy.
7. Project Human Resource Management: Managing the people on the project team.
8. Project Communications Management: Communicating the most appropriate information in the best way at the right time in the project.
9. Project Risk Management: Identifying, Analyzing, Responding to, and controlling Risks within the Project.
10. Project Cost Management: Purchasing the Contracted Resources the Project needs in order to be successful.

Procedures:

Initiating the Project

- Create the Project Charter
- Identify the Project Stakeholders
- Identify the Design Consultant Team
- Establish a Document Control Procedure
- Establish the Health & Safety Culture

Design & Engineering

- Complete the initial design process
- Put design out to tender
- Manage the Design

Planning the Project

- Create the Project Management Plan
- Create the Health & Safety Management Plan
- Gather Project Requirements
- Create the Project Scope
- Build the Work Breakdown Structure
- Define the Project Activities
- Sequence the Project Activities
- Estimate the Project Resources
- Estimate the Project Schedule Duration
- Develop the Project Schedule
- Estimate the Project Costs
- Establish the Project Budget
- Create the Quality Management Plan
- Write the Human Resource Plan



- Create the Project Communications Management Plan
- Create the Project Risk Management Plan
- Identify the Project Risks
- Complete Qualitative Risk Analysis
- Complete Quantitative Risk Analysis
- Create Risk Responses
- Create the Procurement Management Plan

Executing the Project

- Execute the Project Plan
- Complete Quality Assurance
- Obtain the Project Team
- Perform Team Development
- Manage Your Project Team
- Perform Information Distribution
- Administer Stakeholder Expectations
- Execute the Procurement Management Plan

Monitoring and controlling the Project

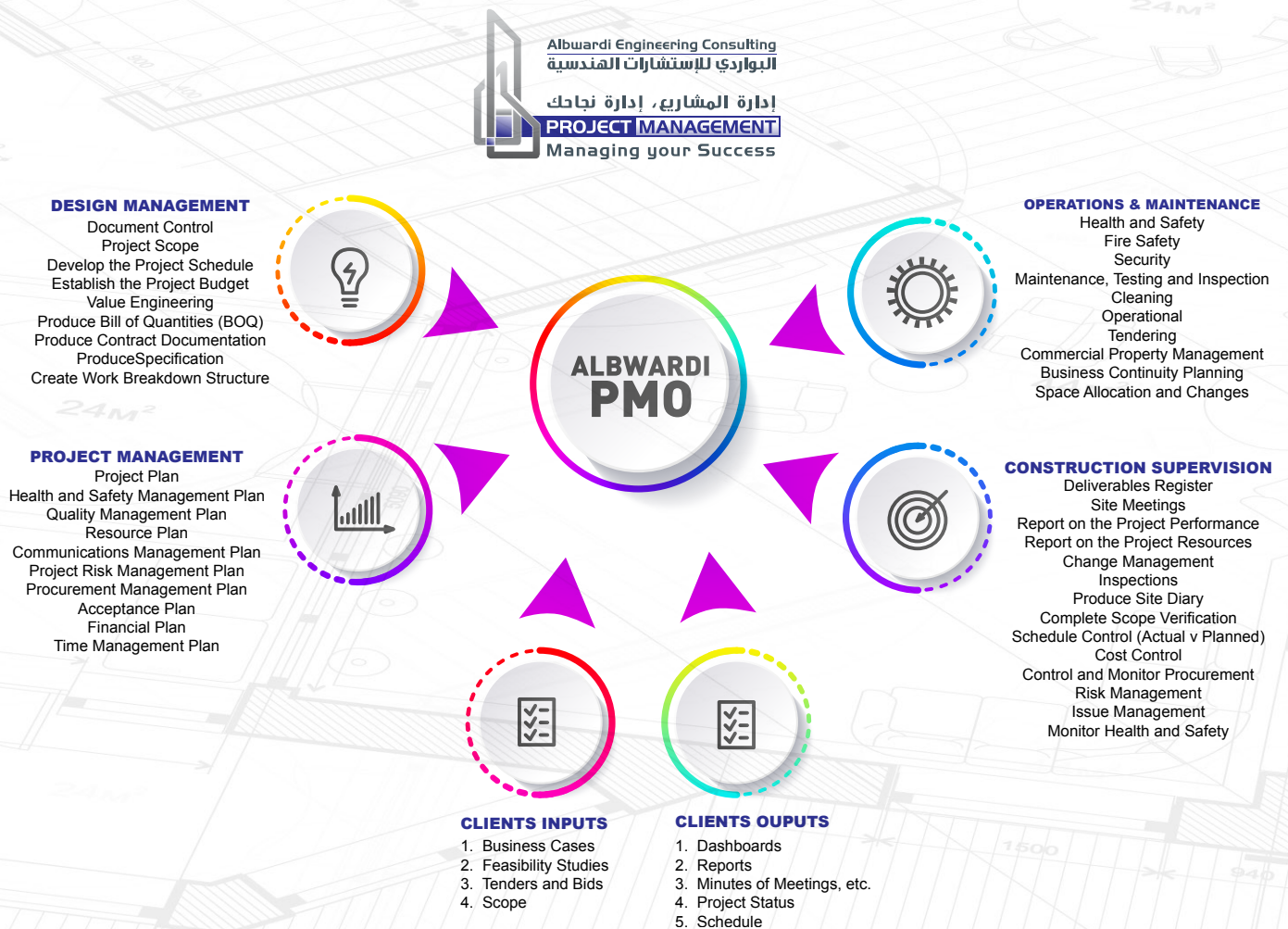
- Monitor and Control the Project
- Administer Integrated Change Control
- Complete Scope Verification
- Control the Project Scope
- Perform Schedule Control
- Perform Cost Control
- Administer Quality control Activities
- Report on the Project Performance
- Control the Project Risk according to the Risk Management Plan
- Control and Monitor Procurement Activities

Closing the Project

- Close out the Project or the Project Phase
- Close out Procurement According to the Procurement Management Plan



Diagram below shows desired outcome.



The scope of the project in terms of the business:

- All Processes to be revised and centralized.
- Organizational areas will be designed and implemented to suit the project requirements
- Offices to be centralized and organized to best suit the project requirements
- Data will be centralized and controlled
- PMO methodologies will be implemented

By implementing a new centralized Project Management Office all areas will be slim lined and efficiency and output will be maximized, most importantly projects will be able to improve as lessons are learnt on earlier projects and centrally repaired and improved.



SERVICES

Alwardi Engineering Consulting - an independent consulting engineering office within the construction business. Together with our staff, we offer all designs and consulting services in the field of construction projects supported by our own experience, knowledge and developments. These are fundamentals for our understanding of quality. AEC's major activities are Architectural designs, Infrastructure Designs, Mechanical and Electrical Design of installation and Flood Management. Preparation of tender documents, Project Control & Supervision including Cost Control and Project/ Construction Management.

To satisfy the demands of our clients, recently with our foreign partner, the services of the office have been extended early to include Hydrological Study, Water & Waste Water Management, Sport Facilities Design and Masterplanning and Ports & Maritime Works.

AEC provides the total solution for all kinds of projects. We manage to complete design and technical logistics in a globalized environment from analyzing the project to realizing the project on site

DESIGN SERVICES

Feasibility Studies and Development Analysis

- Site Selection & Analysis
- Feasibility Studies
- Cost Estimates and Analysis

Urban Planning & Landscape:

- Masterplanning
- Urban Planning / Design
- Landscape Architecture

Architecture:

- Conceptual Design
- Detailed Design
- Building Information Modelling (BIM)
- Construction Documentation and Specification
- Quantity Surveying
- Spatial and Functional Planning
- Interior Design

Civil & Structural Engineering

- Building Design Services
- Cast-in-Situ and Pre-cast Structures
- Water Structures
- Review of Design and Construction Shop Drawings
- Earthquake Calculation
- BOQ Preparation
- Infrastructure Design

Mechanical Engineering

- HVAC Systems
- Energy Recovery and Thermal Storage
- Water Supply
- Fire Protection Systems
- Swimming Pool and Fountain Systems
- Treatment, Storage, Distribution and Recycling Systems
- Plumbing Networks
- Water and Storm Water Collection and treatment
- Landscape Irrigation Systems
- Infrastructure Design



Electrical Engineering

- Indoor and Outdoor Lighting
- Medium and Low Voltage generation and Distribution Systems
- Master Planning
- Communications and Control
- Low Current Management for Electrical Distribution Networks
- Infrastructure Design

Industrial Engineering

HYDROLOGIC / HYDRAULIC STUDIES

- River basin studies
- Storm water detention design
- Erosion control plans and designs
- Roadway and bridge drainage analysis and design
- Calculations for regulatory storm water submittals
- Sediment analysis
- Basin and culvert designs
- Stream channel design
- Landfill closure design

WATER & ENERGY

To satisfy the demands of our clients, recently with our foreign partner, the services of all the office have been extended early to include electro-mechanical design, waste water treatment plant, sea water desalination plant and electricity power station.

We provide the total solution for all kinds of projects. We manage the complex design and technical logistics in a globalized environment from analyzing the project to realizing the project on site.

Potable Water:

- Water Services
- Water Supply & Reuse
- Water Treatment & Desalination
- Water Transmission, Distribution & Pumping
- Water Storage Facilities

Wastewater:

- Wastewater Collection & Pumping
- Wastewater Treatment & Reclamation
- Wastewater Disposal & Reuse

Water Resources:

- Floodplain Management
- Natural Resource Enhancement
- Levee Restoration

ENERGY SERVICES

Power Generation

- New Plant Design
- Upgrades and Retrofits
- Environmental Compliance
- Renewable Energy Technologies

Power Delivery

- Transmission
- Substations
- Distribution

Facilities

- Central Plants
- Utility Distribution
- Building Services
- Commissioning



CONSTRUCTION MANAGEMENT AND SUPERVISION

- Project Administration
- Project Management
- Negotiating and Bidding - Coordination
- Construction Supervision including
- Site Supervision Activities
- Technical Support Services
 - Quantity Surveying
 - Quality Control
 - HSE Management
 - Cost Control and Management
 - Planning & Scheduling
- Supply of Engineers & Technical Personnel

FIELD OF ACTIVITIES

- Towers and High Rise Buildings
- Commercial (Office Buildings - Shopping Centers - Fairs - etc.)
- Institutional (Universities - Hospitals - Government Buildings - etc.)
- Residential
- Mosques
- Infrastructure
- Traffic (Roads - Bridges)
- Industrial (Industrial Parks - Food Industry - Metal Industry - etc.)
- Environmental (Drinking Water)

PROJECT MANAGEMENT CONSULTANCY SERVICE (PMC)

MANAGEMENT OF TRAINING, OPERATION AND MAINTENANCE PLANS

PROJECT MANAGEMENT OFFICE (PMO)

AEC's PMO is a fast, secure Project Management solution. Designed by a team of highly experienced Project Managers, it enables engineering team to plan, schedule, manage and report on a project efficiently.

The AEC's PMO centralizes the following:

- Planning (Milestones)
- Scheduling (Primavera or Microsoft Project)
- Financial Planning (Budgets)
- RAID Management (Risks, Assumptions, Issues, Dependencies)
- Reporting
- Quality Assurance
- Change Control (Scope, Costs, Schedule, Benefits)
- Resource Management (Recruiting, Resource Planning)
- Organization Model (Organigrams including Roles & Responsibilities)
- Communication
- Procurement Management
- Document Controller
- Design Management
- Construction Site Supervision
- Facility Management (Operations and Maintenance)

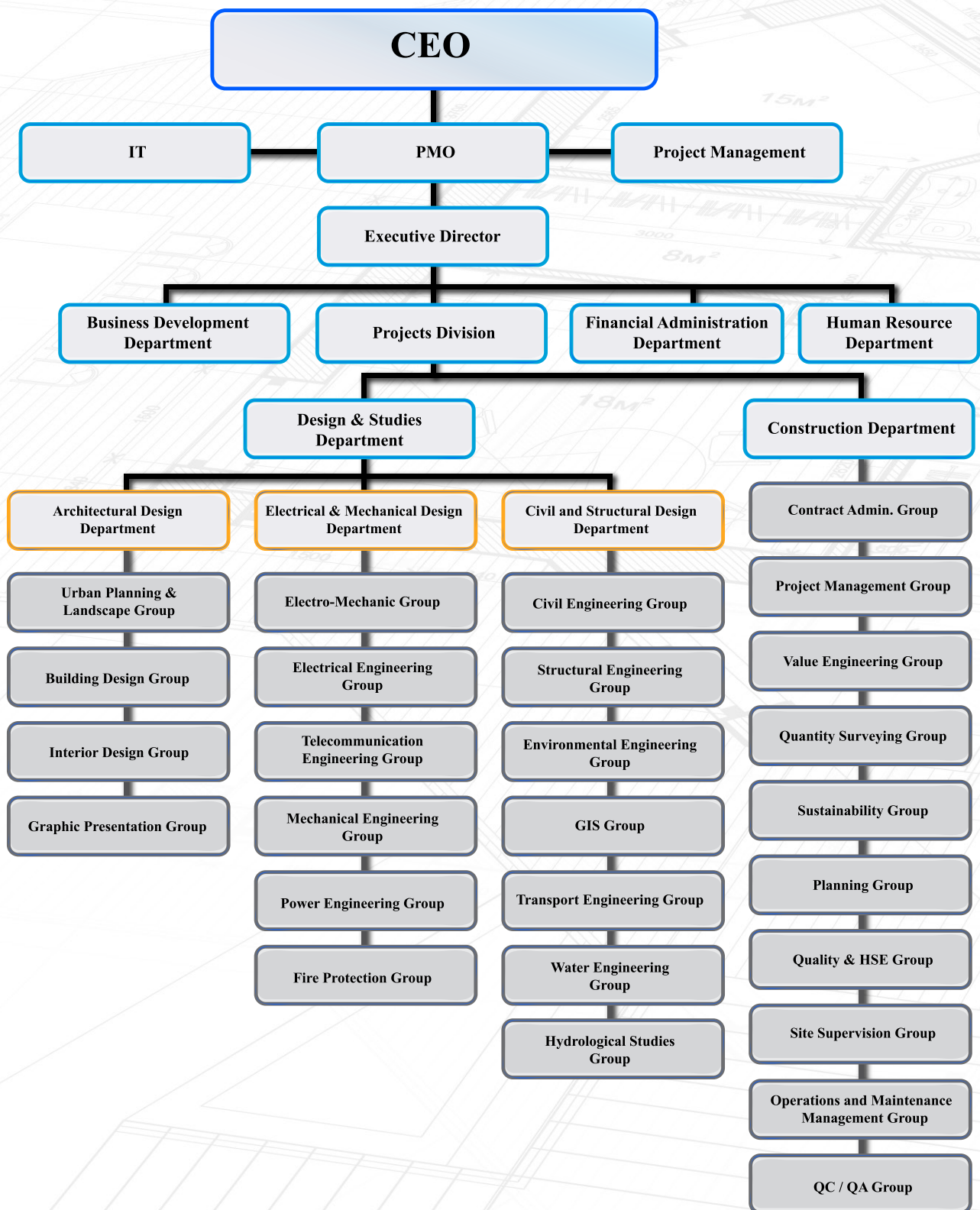
The Role of AEC's Project Management:

- Align portfolio of projects with an eye towards future.
- Deliver programs on-time, within budget and according to scope
- Understand the linkages and dependencies between various projects in your portfolio
- Improve communication within the program team among all stakeholders



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ORGANIZATIONAL CHART





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SELECTED PROJECTS DESIGN & STUDIES



Salwa Residential 625 Units

Albwardi Engineering Consulting was commissioned by the Ministry of Finance to create a desirable living accommodation to meet the needs of the Saudi staff, working at the border control. Albwardi Engineering Consulting produced a modern, innovative and effective design as requested by the client to fulfill the needs of the building occupants.

The area of the project is approximately 500,000 m² consisting of two types of residential buildings, those being apartments and villas. The residential units allows for space for the physical, mental and social growth of the inhabitants. The residence also has ample parking space and amenities and services that cater for their daily needs.

The project is located on the border between the kingdom of Saudi Arabia and Qatar and is 150 km distance from Hofuf City in the east of the Kingdom of Saudi Arabia.

PROJECT DESCRIPTION:

- Divided into 2 zone i.e. Apartment and villa
- 500 apartments units and 125 villa units.

SCOPE OF SERVICE

- Architectural concept Design
- Landscape design
- Structural Design
- Mechanical Design
- Electrical Design
- Infrastructure Design
 - a) Road network
 - b) Drainage system
 - c) Underground services
 - d) Irrigation system.

PROJECTS BLOCKS:

- Apartment blocks (total 500 residential units)
 1. Type A &
 2. Type B
- Villa units(125 units)
- Masjids (6 units)
- Play fields
 1. Basketball courts
 2. Tennis courts
 3. Running tracks
 4. Green areas

CLIENT: Ministry of Finance

CONSTRUCTION COST: Approximately SAR 700 million

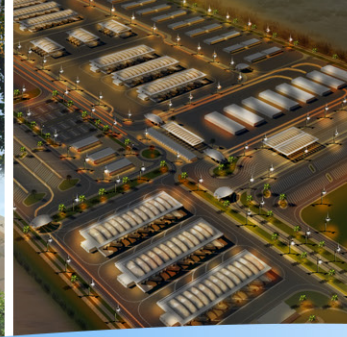
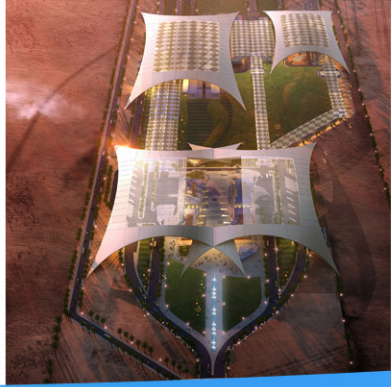
SERVICES COMPLETION: March 2015

ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, Infrastructure, design from concept design through to the construction documentation.



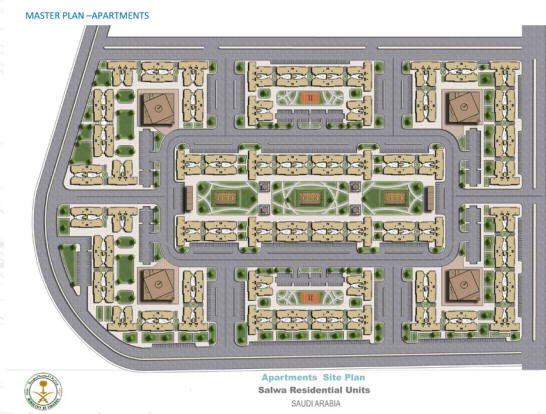
Design Option 1





Design Option 1

Design Approved by Client





California Compound Gornata Area - Riyadh



- This Project has a total are of 100,000 m²
- The components of this project are:
 - 13-17 Multi Story Building
 - 26 Villas
 - Swimming Pool
 - Club
 - Restaurant

CLIENT: Private Sector

CONSTRUCTION COST: Approximately SAR 240 million

SERVICES COMPLETION: 2010

ALBWARDI ROLE: Review the Design & Prepare the RFP and Contract Agreement





SABIC Housing Project Industrial Yanbu



Perspective Shot



Interior Design Proposal

CLIENT: SABIC

SERVICES COMPLETION: 2014

ALBWARDI ROLE: Conceptual Design

PROJECT DESCRIPTION: SABIC Home Ownership Program - Industrial Yanbu





Weekend Villa Resort Thomama Area - Riyadh

- This Project has a total are of 1,200,000 m²
- The components of this project are:
 - 750 small villas
 - Club house and horse race
 - Administration Building
 - Restaurants
 - Lakes

CLIENT: Private Sector

CONSTRUCTION COST: SAR 1 Billion

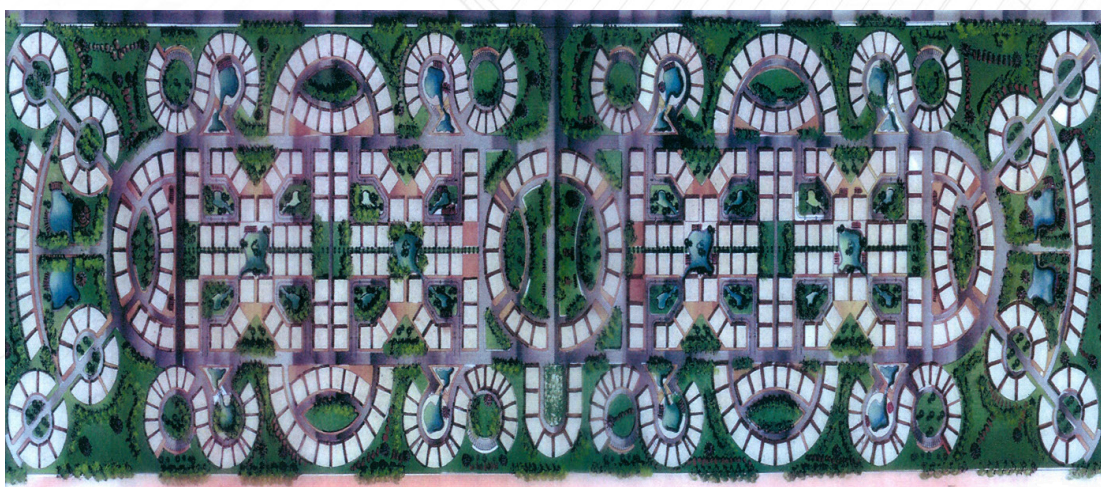
ALBWARDI ROLE: Initial Design Only

PROJECT DESCRIPTION: Studies and Concept Design

Design Option 1



Design Option 2





Sulaiman Al-Rajhi University Housing



Design Option for Type C - Approved by Client

Albwardi Engineering Consulting was commissioned by the Sulaiman Bin Abdul Aziz Al-Rajhi Educational and Development Company (SEDC) to provide design consultancy services for Sulaiman Al-Rajhi university housing to meet the needs of the staff and Students, working and studying at Sulaiman Al-Rajhi Colleges. Albwardi Engineering Consulting produced a modern, innovative and effective design as requested by the client to fulfill the needs of the buildings occupants.

The project is located on Bukayriyah, Al-Qassim in the center of the Kingdom of Saudi Arabia.

PROJECT DESCRIPTION:

- A full design of 5 Typical Prototypes that include apartments, single bedrooms and villas from concept design through to the construction documentation.

PROJECT BLOCKS

Building Type	Built-up Area (All Floors)	Average Area Per Floor	No. of Floors	Ground Floor	Typical Floor
A	6700	837.5	G+7 F	Services	4 apartments per floor, with 180 m2 area for each apartment
B	5700	950.0	G+5 F	Services	6 apartments per floor, with 135 m2 area for each apartment
C	10050	1,675.0	G+5 F	Services	47 Single bedrooms per floor for students with 23 m2 area for each Single bedroom
D	4650	775.0	G+5 F	Services	4 Shared apartments with single bedrooms per floor for hospital nursing staff.
E	500	250.0	G+1F	"Villa VIP"	"Villa VIP"



Design Option for Type A



Design Option for Type D



Design Option for Type E - Villas



Design Option for Type E - Villas

SCOPE OF SERVICE

- Architectural concept Design
- Structural Design
- Mechanical Design
- Electrical Design
- Building Management System Block

CLIENT: Sulaiman Bin Abdul Aziz Al-Rajhi Educational and Development Company (SEDC)

SERVICES COMPLETION: 2019

ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, design from concept design through to the construction documentation.



Private Villa Abha



Design Option 1 - Approved by Client



Design Option 2



Design Option 3

CLIENT: Private Sector

SERVICES COMPLETION: 2014

ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, Infrastructure, design from concept design through to the construction documentation.



Head Office Building of General Presidency of the Promotion of Virtue and the Prevention of Vices - Riyadh



Design Option 1

General Presidency of the Promotion of Virtue and the Prevention of Vices Office has selected Albwardi Engineering Consulting for the task of making the Architectural Concept Design for their main office building here in Riyadh.

The building is located in Ministry of Finance project, which is Government Agencies Compound Project or GACA located at the northern part of Riyadh City bounded by Princess Noura Bent Abdul Rahman University from the east, King Fahad National Center for Children's Cancer and Research from the west, King Salman road from the north and Thumama road from the south.

Design : Contemporary Design

Maximum Floors : 7

Minimum Footprint : 7000

Maximum GFA : 35000 m²

Approximate Plot Area : 61705 m²

Parking Area : 21595 m²





Design Approved by Client





Design Option 2



Design Option 3



CLIENT: Ministry of Finance

SERVICES COMPLETION: 2019

ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, Infrastructure, with Building Management System Block, design from concept design through to the construction documentation.



Development of Ministry of Finance Project- Jeddah



Design Approved by Client

The project is an extension and development for the complexity of Ministry of Finance in Jeddah. The new administration building which is connected to the main building in the compound includes a restaurant and has a building area of approximately 3,200 m².

- Building has 7 levels.
- Employee number is 225.

Total area of the completed building once extension is complete will be approximately 6,000 m². The elevations of the building are covered with aluminum sheets and double glazing offering improved solar insolation. Environmental Study was the main objective and at the heart of Albwardi Engineering Consulting's design.

The client's requirement were for offices, conference rooms, manager's sections, and other services with special layout to express modern view and beauty. The project also included a women's Section which, consisted of two levels with an area of approximately 2,400 m² was also incorporated.

Albwardi Engineering Consulting team of designers expertise in the complimentary fields of Architecture, Structural, Civil, Mechanical and Electrical Engineering, were all present in this project and reflected Albwardi Engineering Consulting's philosophy of beauty and quality.

CLIENT: Ministry of Finance

CONSTRUCTION COST: Approximately SAR 80 million

SERVICES COMPLETION: December 2013

ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, Infrastructure, with Building Management System Block, design from concept design through to the construction documentation.





Design Option 1





CCHI Headquarters – Riyadh

Albwardi Engineering Consulting have been commissioned to carry out a full interior design on the Council of Cooperative Health Insurance (CCHI) high rise headquarters in Riyadh.

The project brief has been to design each floor with unique interior layout in a modern classical pattern, whilst making maximum usability of the available space. Albwardi Engineering Consulting's design team have done this whilst also keeping the old world charm and improving the ergonomics of the building.

Albwardi Engineering Consulting have put a lot of work into the detail and have produced numerous stunning environments, culminating in the impressive auditorium on the ground floor.

PROJECT DESCRIPTION:

- To design the interior of office spaces for G+15 levels

SCOPE OF SERVICE

- Interior concept Design
- Mechanical Design
- Electrical Design

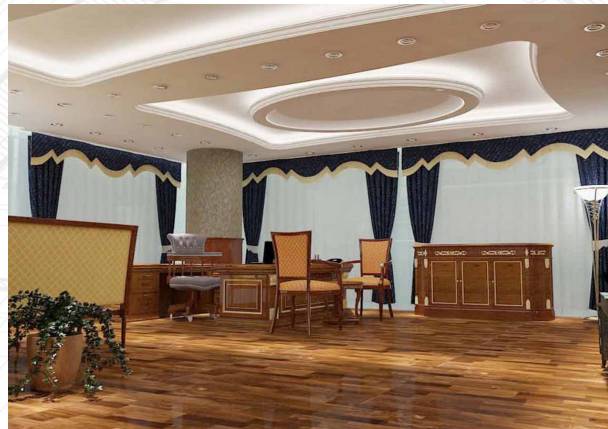
PROJECTS DETAIL:

- The tower has G+M+15 floor.
- Designing each floor's interior
- Design a gym area and a library.
- Providing a small Auditorium
- Interior view supporting the concept design

CLIENT: Council of Cooperative Health Insurance (CCHI)

SERVICES COMPLETION: 2014

ALBWARDI ROLE: Interior Design





Al Majmaa University and Zulfi College - Site and Landscape Development Project

Albwardi Engineering Consulting has now started another stage for both Al Majmaa University and Zulfi College and begin the designing for the project site layout and infrastructure.



Al Majma'a University Site Perspective View



Zulfi College Site Perspective View

CLIENT: Al Majma'a University

SERVICES COMPLETION: 2016

ALBWARDI ROLE: Lead Consultant on the Architecture, MEP, Infrastructure, design from concept design for the site and landscape development.



King Faisal University - College of Law and Library Building for Women



Design Option 1a

Albwardi Consulting Engineering has recently been invited for the Third Architectural Design Competition for Students Buildings in King Faisal University in Al Ahsa.

Albwardi Engineering Consulting finishes designs for the Students of the Faculty of Law Building and the Students Library building and submitted 2 Design options for each building.

CLIENT: King Faisal University - Al Ahsa

SERVICES COMPLETION: 2015

ALBWARDI ROLE: Conceptual Design



Design Option 1b



Design Option 1c



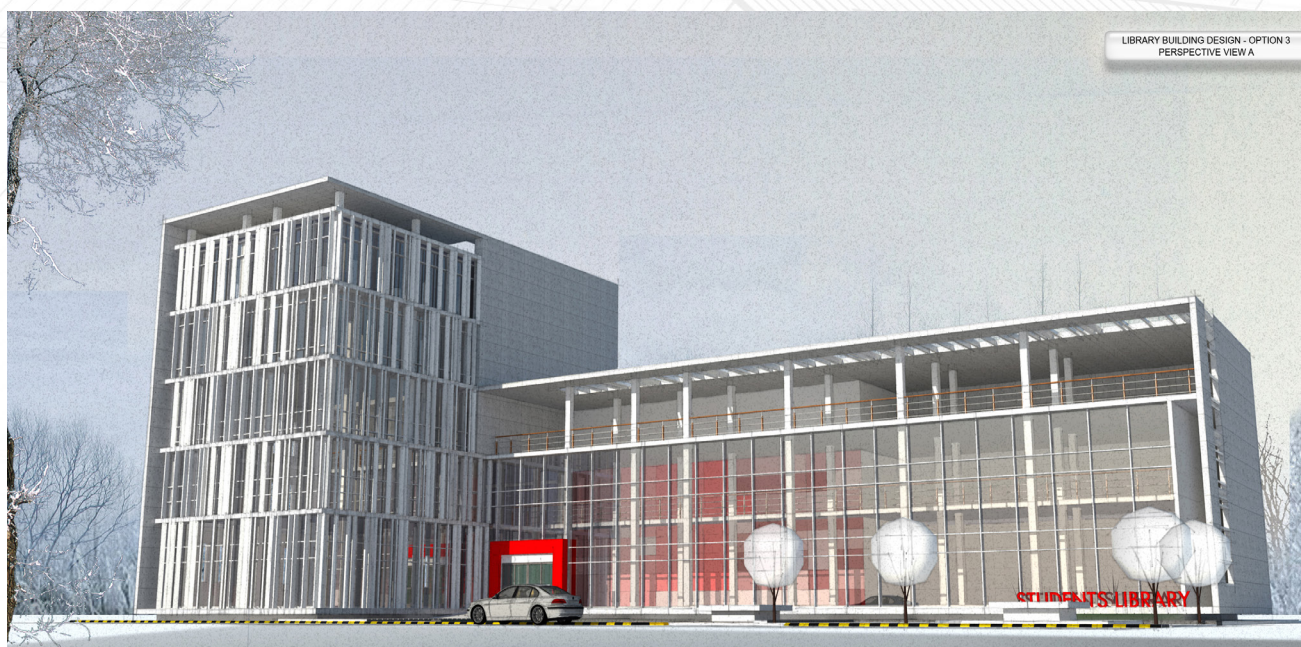
Design Option 2a



Design Option 2b



Design Option 3a



Design Option 3b



Multi Storey Car Parking – King Abdulaziz International Airport in Jeddah

The scope of work for this building is a unique idea that embraces the local tradition of a place of privacy and Environmental as is Saudi culture. Albwardi Engineering Consulting provided 3 designs within a 4 week design period.

The structure is based on an Arabesque (form of Arabic rhythmic pattern) with Arches design (golden expressing originality and authenticity), and a Sword design (expressing the honour knight and strength). The car park consists of 4 levels of parking, 2 levels of them are below ground level and, the remaining 2 storey's are above ground level.

The project also included additional facilities with included:

- Firefighting equipment & access.
- Electrical networks,
- Water tanks.

The capacity of the multi-storey car park is for approximate 250 cars.

SCOPE OF SERVICE

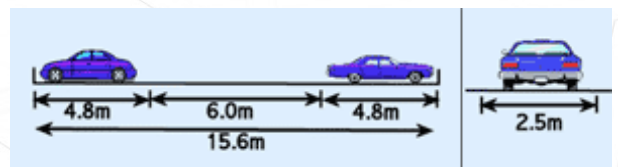
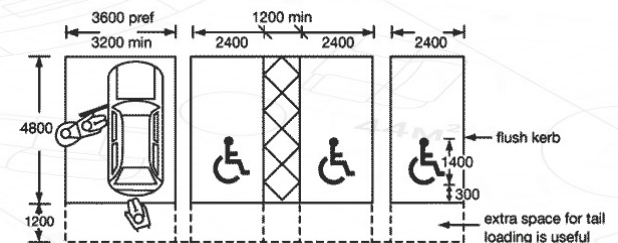
- Architectural concept Design
- Landscape design
- Structural Design
- Mechanical Design
- Electrical Design

OBJECTIVE:

- Functional with state of art Architecture Design
- Provide Maximum parking Space with very efficient circulation.

PROJECTS DETAIL:

- Providing parking spaces for the employees
- Proper circulation taking in consideration of exception dimensions of car.
- Incorporating Standards for ramps, path ways, parking spaces and services.



CLIENT: Saudi Customs

CONSTRUCTION COST: Approximately SAR 75 million

SERVICES COMPLETION: June 2014

ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, Infrastructure, design from concept design through to the construction documentation.



King Khalid International Airport Mall Riyadh



CLIENT: General Authority of Civil Aviation (GACA)

SERVICES COMPLETION: 2015

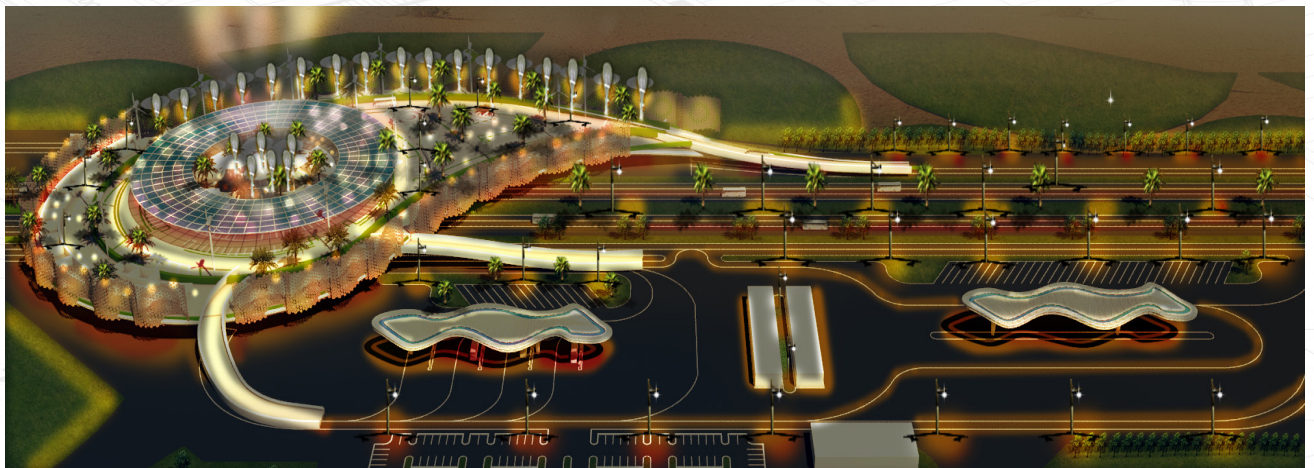
ALBWARDI ROLE: Conceptual Design

PROJECT DESCRIPTION: Design Development of King Khalid International Airport Mall





Highway Rest Area and Facilities with Fuel Station Project Riyadh



The service includes the Conceptual design for:

1. Fuel Station
2. Recreation Building including Banking service and Praying rooms
3. Administration building
4. Motel
5. Restaurant
6. Shops

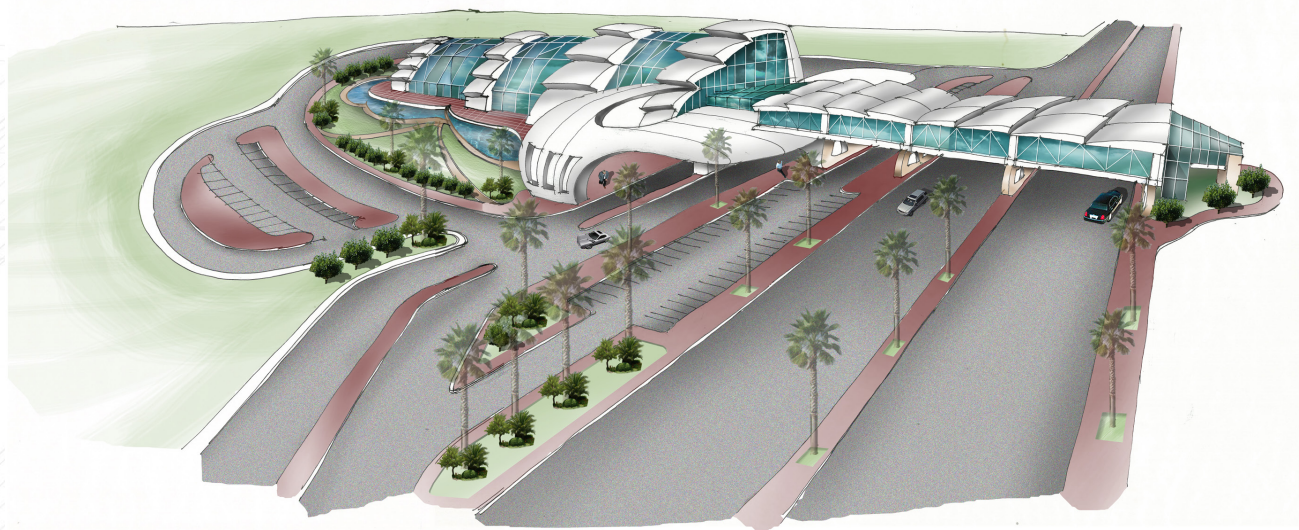
CLIENT: Ministry of Finance

SERVICES COMPLETION: 2015

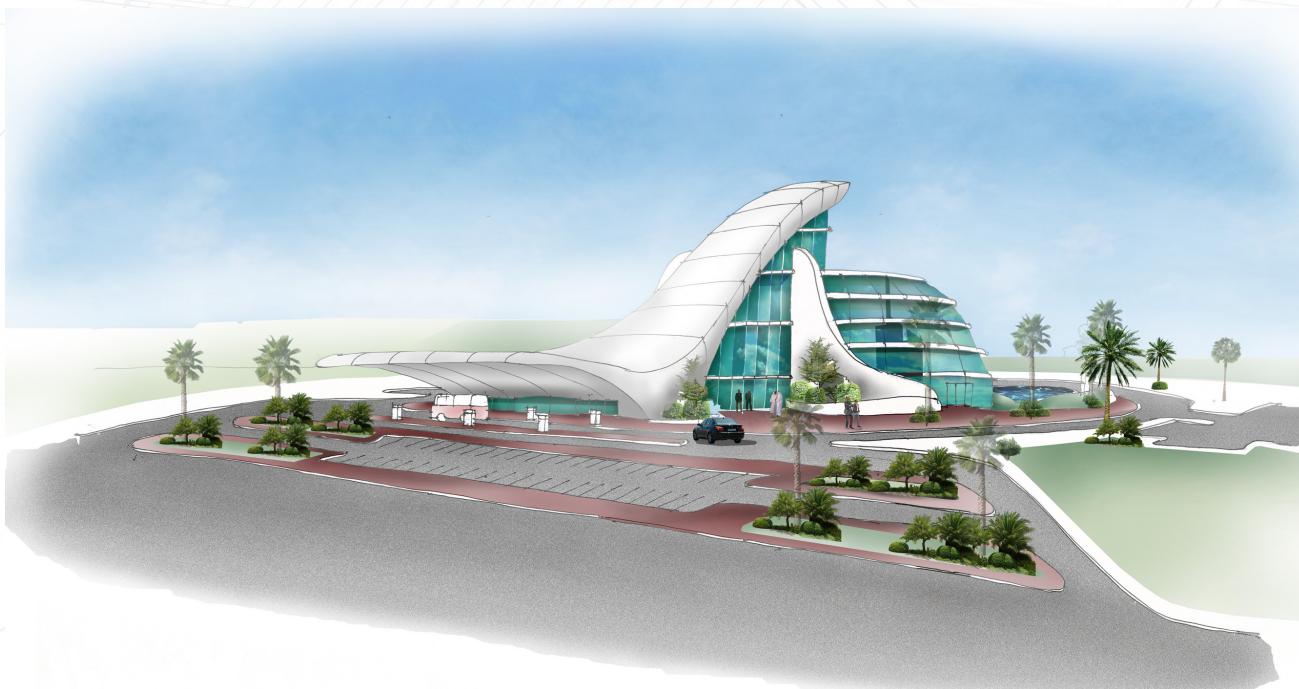
ALBWARDI ROLE: Conceptual Design

PROJECT DESCRIPTION: Design Development of Highway Rest Area and Facilities with Fuel Station Project

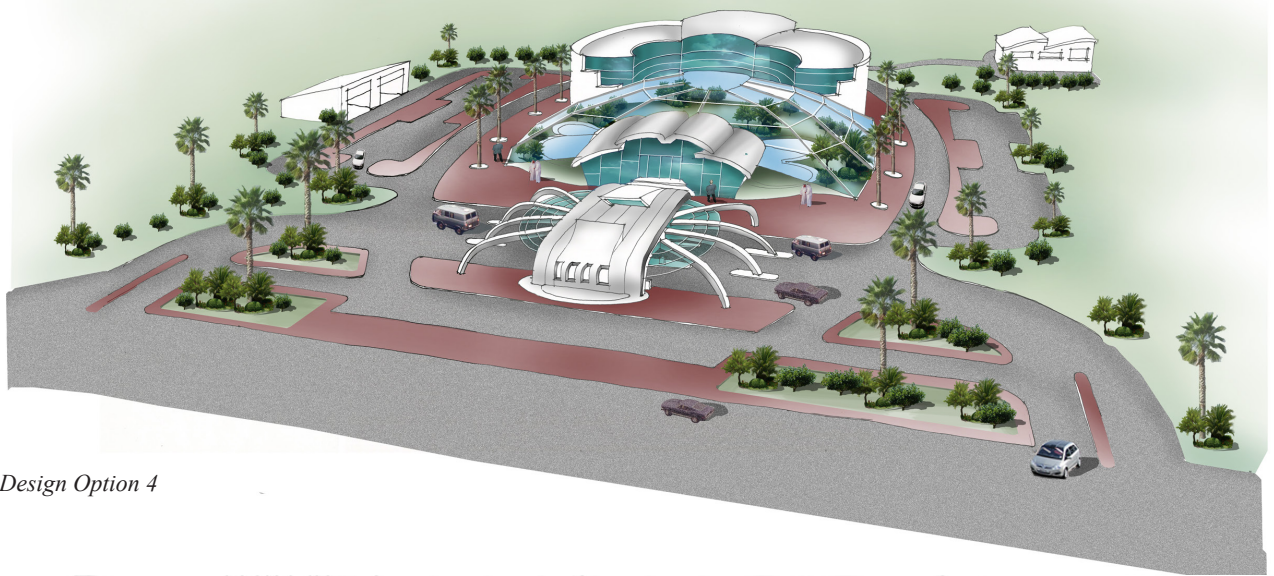




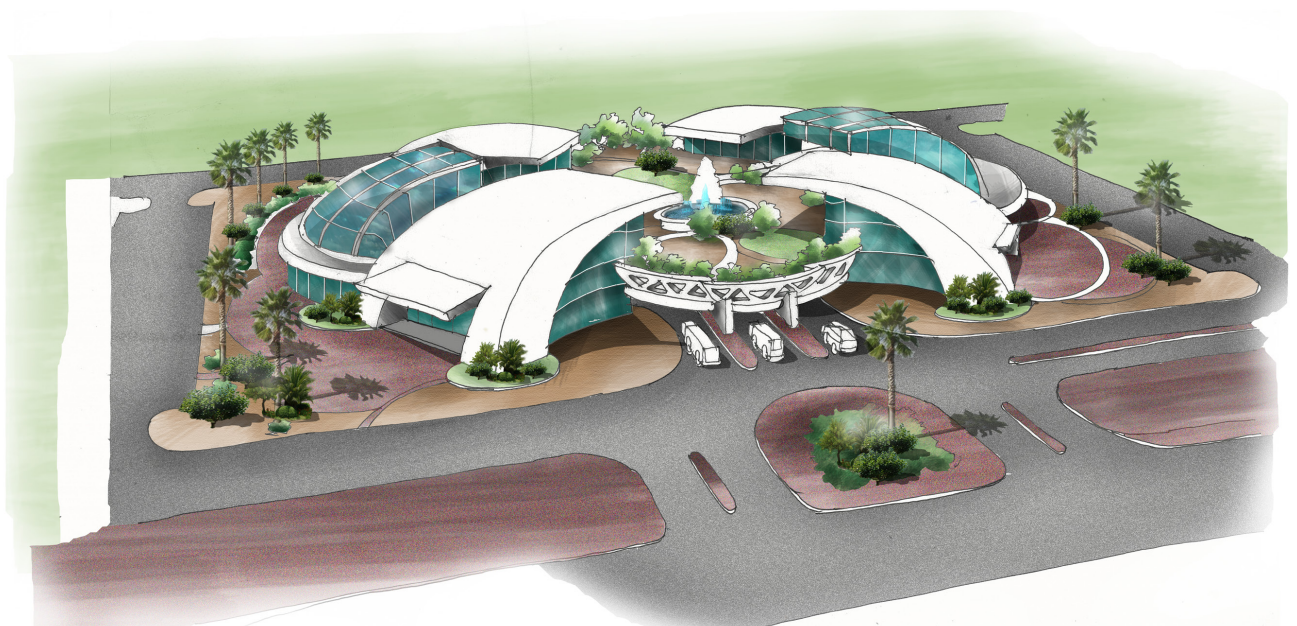
Design Option 2



Design Option 3



Design Option 4



Design Option 5



Madinah Region Development Authority MDA - Architectural Ideas Design Competition To design The Hadith Narrators Museum, Madinah



Design Option 1

Albwardi Consulting Engineering has recently been invited by Madinah Region Development Authority MDA for the architectural ideas design competition to design The Hadith Narrators Museum in Madinah

Albwardi Engineering Consulting finished design for The Hadith Narrators Museum and submitted two design options.

CLIENT: Madinah Region Development Authority MDA - Madinah

SERVICES COMPLETION: July 2019

ALBWARDI ROLE: Conceptual Design





FRONT VIEW



REAR VIEW

Design Option 2



20 Sports and Leisure Clubs (Master Plan Design)



Ministry of Sports have commissioned Albwardi Engineering Consulting to design 20 sports and leisure facilities in cities throughout the Kingdom of Saudi Arabia.

The projects include the following facilities:

A football pitch designed to FIFA two stars standards with an outdoor athletic six lane running track with an internal throwing events field.

Seating capacity of the facilities to be 8,000 to 12,000 spectators. The facilities include player's changing and locker rooms, WC's and showers, coffee room and a small area for prayer.

A covered hall for a swimming pool (with an area of 12.5 meters x 25 meters) with an overall seat capacity for 200 persons. Also included are changing areas, locker room and shower facilities, WC's, and a small area for prayer.

A covered hall which houses a basketball court, volleyball court, and handball court with an overall capacity for 500 persons. Also included are changing areas, locker room and shower facilities, WC's, and a small area for prayer.

Mosque with an overall capacity of 100 persons.

Administration Building that contains the following: Library, Offices, Meeting Room, Conference Room for staff and members of the general public, Kitchen, Restaurant and WC.

Two outdoor football fields for the provision of training designed to FIFA one star standard. A small hotel with a capacity for sixty (60) people including full facilities and utilities. Outside courts for the provision of the playing of Basketball, Volleyball, Handball and Tennis.

Although the Masterplan is designed for the overall concept each individual club masterplan and level of facilities will vary according to the area of land available for development, although all will contain:

- Landscape
- Internal Roads
- Pavements
- Guidance Signs
- Security rooms
- Water tanks
- Parking Facilities
- Area for Future Development.
- Water Purification Plant
- Building Management System Block
- Security fence with control gates for access of Public, Players, Match Officials and VIPs.



Club Master Plan

	Club name	Province	Land area (1000 m sq)
1	Al Kawkab Club in Kharj	Riyadh	50.048 m ²
2	Al Wadi Al Akhder Club in Wadi Addawasir	Riyadh	90.00 m ²
3	Ad Diriyah Club in Ad Diriyah	Riyadh	52.486 m ²
4	Wag Club in Taif	Riyadh	50.000 m ²
5	Al Aghrebraniah Club	Mecca	50.00 m ²
6	Al Menif Club in Turbah	Mecca	50.00 m ²
7	Al Ghazua Club in Badr	Al Medina	45.60 m ²
8	Mared Club in Al Asyah	Al Qassim	50.00 m ²
9	Ah Nour Club in Sanabess	Eastern	39.00 m ²
10	Al Salam Club in Al Awamiyah	Eastern	43.513 m ²
11	Al Elmien Club in Khafji	Eastern	40.00 m ²
12	Al Sumoud Club in Turaif	Northern Borders	62.70 m ²
13	Al Qalaa Club in Sakaka	Al Jowf	81.50 m ²
14	Al Souqour Club in Tabuk	Tabuk	70.00 m ²
15	Fayd Club in Fayd	Hail	41.0953 m ²
16	Al Shahid Club in Muhayil Asir	Asir	62.50 m ²
17	Garsh Club in Ahad Rafidah	Eastern	50.00 m ²
18	Baish Club in Baish	Jazan	62.50 m ²
19	Al Bahah Club in Al Bahah	Al Bahah	41.939 m ²
20	Najran Club	Najran	69.10 m ²



CLIENT: Ministry of Sports

SERVICES COMPLETION: October 2015

ALBWARDI ROLE: Master Planning and Conceptual Design

PROJECT DESCRIPTION: Indoor and Outdoor Facilities covering 8,000 – 12,000 seat capacity



38 Sports and Leisure Clubs (Site Survey & Studies - 1st Stage)

Ministry of Sports has again commissioned Albwardi Engineering Consulting to make survey and studies for the sites of another 38 sports and leisure facilities in cities throughout the Kingdom of Saudi Arabia.

The site sports facilities are:

	Club Name		
1	Afif Club In Afif - Province Riyadh	20	Al Shorook Clubs In Al Ahsa - Al Sharqiyyah
2	Al Muzahmiya Club In Muzahmiya - Province Riyadh	21	Al Fareah Club In Al Hareeq - Province Riyadh
3	Al Buteen Club In Dhurma - Province Riyadh	22	Tawaq Club In Zulfi - Province Riyadh
4	Al Shuaib Club In Harimla - Province Riyadh	23	Al Fayha Club In Al Majmah - Province Riyadh
5	Sadoos Club In Sadoos - Province Riyadh	24	Dhabaa Club In Dhiaa - Province Tabuk
6	Kemit Club In Marat - Province Riyadh	25	Al Jandal Club In Dumat Al Jandal - Province Jouf
7	Al Tasamuh Club In Al Qunfutha - Province Makkah	26	Al Badaya Club In Al Badaya - Province Qassim
8	Al Laith Club In Al Laith - Province Makkah	27	Al Sarwat Club In Al Namaas - Province Asir
9	Al Zaytun Club In Sabat Al Olaya - Province Asir	28	Thahlan Club In Al Dwadmy - Province Riyadh
10	Al Forsaan Club In Surat Obida - Province Asir	29	Al Ayoun Club In Al Ahsa - Al Sharqiyyah
11	Al Sawri Club In Al Fursan Island - Province Jazan	30	Al Shayqir Club In Shayqir - Province Riyadh
12	Sharurah Club In Sharurah - Province Najran	31	Al Intilaq Club In Qara - Province Jouf
13	Al Intisar Club In Rabigh - Makkah Al Mukarrama	32	Al Jawa Club In Kubara - Province Qassim
14	Al Naharia Club In Al Naharia - Al Shariqiyyah	33	Al Saghar Club In Al Basr - Province Qassim
15	Al Thoqbah Club In Al Thoqbah - Al Sharqiyyah	34	Al Sahel Club In Anak - Al Shariqiyyah
16	Tayma Club In Tayma - Province Tabuk	35	Al Qaysomah Club In Al Qaysomah - Al Sharqiyyah
17	Al Ghawtah Club In Mawqaq - Province Hail	36	Al Hait Club In Al Hait - Province Ha'il
18	Al Amid Club In Al Qara - Province Baha	37	Najd Club In Hautat Sudair - Province Riyadh
19	Al Radhwa Club In Yanbu - Province Madinah	38	Al Sawab Club In Al Ahsa - Al Sharqiyyah

CLIENT: Ministry of Sports

SERVICES COMPLETION: 2017

ALBWARDI ROLE: Site Surveying and Studies (1st Stage)



Al Durah Cargo Custom Port



Albwardi Engineering Consulting was tasked with designing a dedicated crossing border point for heavy logistics vehicle between the Kingdom of Saudi Arabia & Jordan with modern shed and entrance design as a land mark project, whilst also having effective circulation and control of the trucks and other logistics movements in the border area. The border crossing is situated at approximately 250 km from the city of Tabuk.

The brief of the design was to create a modern, innovative and effective design whilst also responding to the environmental as well as the local traffic conditions. Albwardi Engineering Consulting provided an iconic design which responded well to the heavy logistic movement by providing control and efficient circulation.

SCOPE OF SERVICE

- Architectural concept Design
- Landscape design
- Structural Design
- Mechanical Design
- Electrical Design

- Infrastructure Design
 - 1- Road network
 - 2- Drainage system
 - 3- Underground services
 - 4- Irrigation system.

PROJECT BLOCKS:

- Administration blocks
- Check platform
- Cold storage
- X-ray blocks (heavy vehicles)
- Building Management System Block

CLIENT: Ministry of Finance

CONSTRUCTION COST: Approximately SAR 100 million

SERVICES COMPLETION: September 2015

ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, Infrastructure, design from concept design through to the construction documentation.



Al Khafgi Cargo Custom Port



Albwardi Engineering Consulting was tasked with designing a dedicated crossing border point for heavy logistics vehicle in the Kingdom of Saudi Arabia, with modern shed and entrance design as a land mark project, whilst also having effective circulation and control of the trucks and other logistics movements in the border area. The border crossing is situated at approximately 370 km from Dammam.

SCOPE OF SERVICE

- Architectural concept Design
- Landscape design
- Structural Design
- Mechanical Design
- Electrical Design
- Infrastructure Design
 - a) Road network
 - b) Drainage system
 - c) Underground services
 - d) Irrigation system.

PROJECT BLOCKS:

- Administration blocks
- Check platform
- Cold storage
- X-ray blocks (heavy vehicles)
- Building Management System Block

CLIENT: Ministry of Finance

CONSTRUCTION COST: Approximately SAR 200 million

SERVICES COMPLETION: November 2015

ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, Infrastructure, design from concept design through to the construction documentation.



Al Khadraa Cargo Custom Port



Albwardi Engineering Consulting was tasked with designing a dedicated crossing border point for heavy logistics vehicle between the Kingdom of Saudi Arabia & Yemen Border with modern shed and entrance design as a land mark project, whilst also having effective circulation and control of the trucks and other logistics movements in the border area. The border crossing is situated at approximately 60 km from the city of Najran.

SCOPE OF SERVICE

- Architectural concept Design
- Landscape design
- Structural Design
- Mechanical Design
- Electrical Design
- Infrastructure Design
 - 1- Road network
 - 2- Drainage system
 - 3- Underground services
 - 4- Irrigation system.

PROJECT BLOCKS:

- Administration blocks
- Check platform
- Cold storage
- X-ray blocks (heavy vehicles)
- Building Management System Block



CLIENT: Ministry of Finance

CONSTRUCTION COST: Approximately SAR 250 million

SERVICES COMPLETION: July 2015

ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, Infrastructure, design from concept design through to the construction documentation.



Halat Ammar Border Truck Custom Port

Albwardi Engineering Consulting designs and construct a new border crossing port in the Kingdom of Saudi Arabia and Jordan border. The border crossing is situated at approximately 110 km from the city of Tabuk.

A dedicated crossing border point for heavy logistics vehicle between Kingdom of Saudi Arabia & Jordan with a modern shed and entrance design as a land mark having effective circulation and controlling of the trucks and other logistics movements along the border. The design brief was to create a modern, innovative and effective design which needed to respond to harsh environmental conditions as well as the local traffic conditions.

Albwardi Engineering Consulting successfully met the deadline and provided the Ministry of Finance with an iconic design which resulted in the efficient circulation of the local traffic.

SCOPE OF SERVICE

- Architectural concept Design
- Landscape design
- Structural Design
- Mechanical Design
- Electrical Design
- Infrastructure Design
 - a) Road network
 - b) Drainage system
 - c) Underground services
 - d) Irrigation system.

PROJECTS BLOCKS:

- Administration blocks
- Check platform
- Cold storage
- X-ray blocks(heavy vehicles)
- Building Management System Block

CLIENT: Ministry of Finance

CONSTRUCTION COST: Approximately SAR 190 million

SERVICES COMPLETION: December 2014

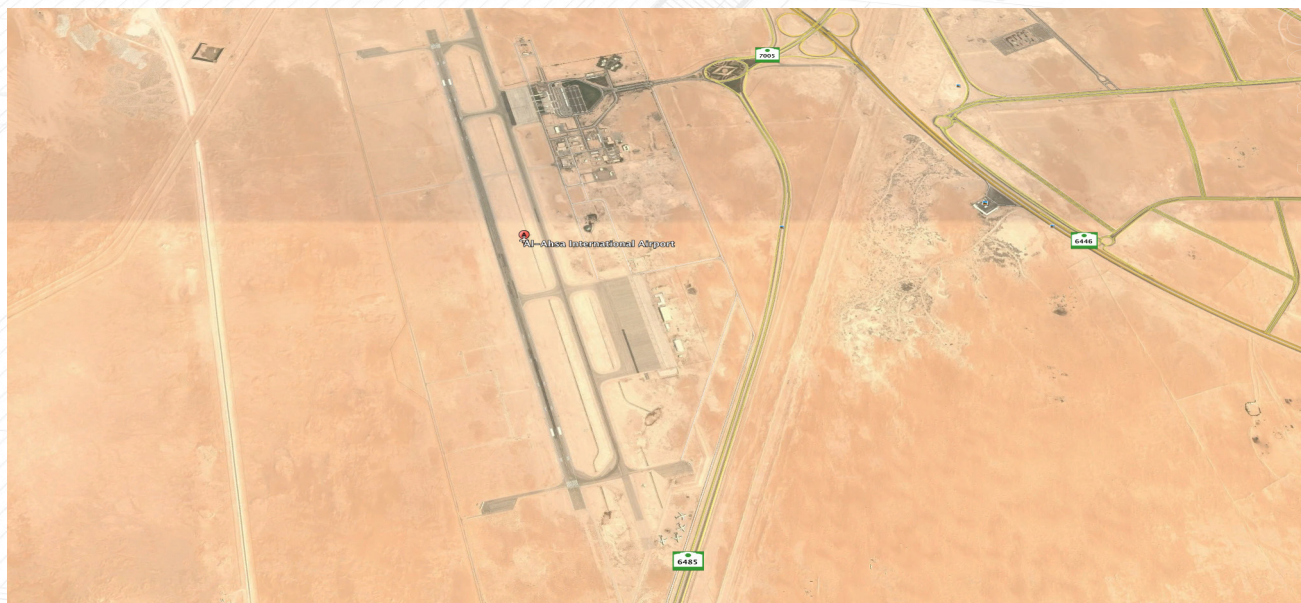
ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, Infrastructure, design from concept design through to the construction documentation.





Development of Domestic Airports (Al-Ahsa, Wejh, Sharurah and Wadi Dawasir)

Albwardi Engineering Consulting is honoured to be invited by General Authority for Civil Aviation (GACA) to submit Technical & Financial Proposals for the Development of Domestic Airports (Al-Ahsa, Wejh, Sharurah , and Wadi Dawasir) as per RFP.



Al-Ahsa Domestic Airport



Sharurah Domestic Airport



Al Wejh Domestic Airport



Wadi Dawasir Domestic Airport

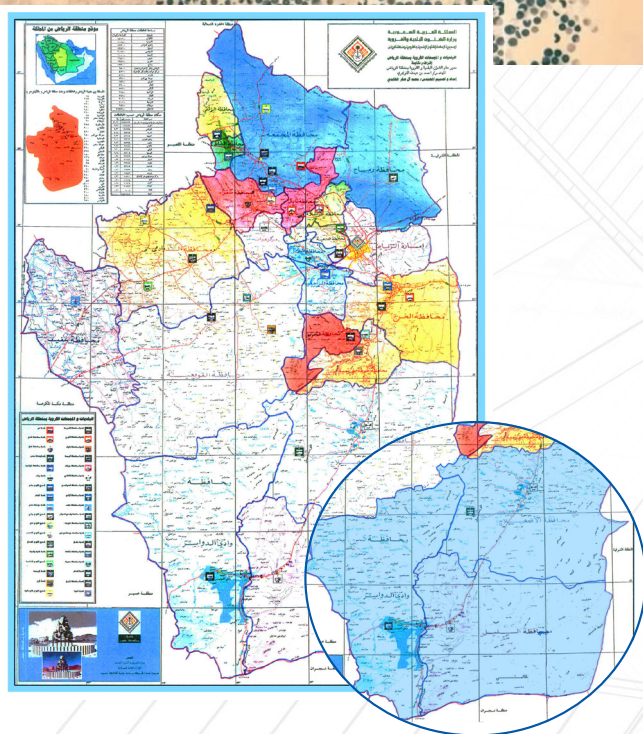
CLIENT: General Authority of Civil Aviation (GACA)

ALBWARDI ROLE: Submitted Technical & Financial Proposal in 2014 as per RFP

PROJECT DESCRIPTION: Development of Domestic Airports (Al-Ahsa, Wejh, Sharurah and Wadi Dawasir)

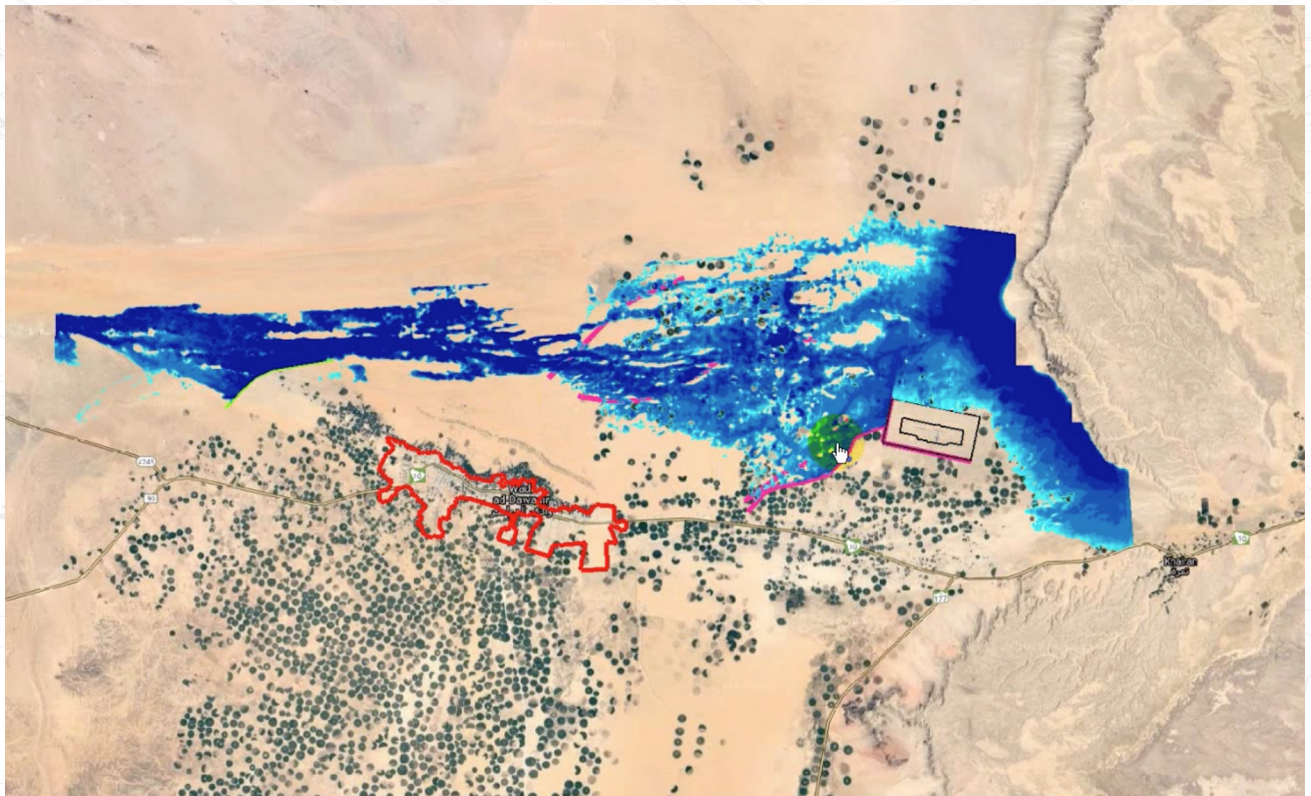


Masterplan, Studies and Design for Flood water Management in Wadi Aldwasser, Aflaj & Alsulai in Riyadh Area



Albwardi Engineering Consulting was awarded the contract for Study and Design for Flood Management in the three southern governorates of the Riyadh Region, i.e. Wadi Addawasir, As Sulayyil and Al Aflaj.

The main objective of the Project is to carry out studies and prepare designs for mitigation of flood risks and collection of urban runoff in the municipal boundaries of the study area.



Albwardi Engineering Consulting conduct the study of the movement, distribution, and quality of water, including the hydrologic cycle, water resources and environmental watershed sustainability.

Albwardi Engineering Consulting Hydrological research inform environmental engineering, policy and planning.

Albwardi Engineering consulting conduct Hydrological Studies to determine:

- The water balance of a region.
- The agricultural water balance.
- Designing riparian restoration projects.
- Mitigating and predicting flood, landslide and drought risk.
- Real-time flood forecasting and flood warning.
- Designing irrigation schemes and managing agricultural productivity.
- Part of the hazard module in catastrophe modeling.
- Providing drinking water.
- Designing dams for water supply or hydroelectric power generation.
- Designing bridges.
- Designing sewers and urban drainage system.

- Analyzing the impacts of antecedent moisture on sanitary sewer systems.
- Predicting geomorphologic changes, such as erosion or sedimentation.
- Assessing the impacts of natural and anthropogenic environmental change on water resources.
- Assessing contaminant transport risk and establishing environmental policy guidelines.

CLIENT: Riyadh Municipality

SERVICES COMPLETION: On Going

ALBWARDI ROLE: Mobilization, Soil Survey, Data Collection, Local Sources, Detailed Survey, Geotechnical Study, Client Support

COST: SAR 9.5 million



Activities of Stage 1- Preparatory Works

Activity	Sub-activity
Project Management	Project Management as an ongoing activity through the course of the Project
Project Planning	Project Planning
Data Collection	Natural System, including geography, geology, environment, hydrology, hydraulics and infrastructure
	Socio-Economic System, including social and economic affairs
	Institutional System, including legislation, regulations and management systems
Gap Analysis	Identification and analysis of data gaps
	Assess impact of data gaps on the project and identify mitigation measures
	Using the G_Wadi in our hydrologic statistic and analysis as best technical and alternative to avoid problem of lack rainfall data at study area (As high trusted proper solution in our Gap Analysis)
	Data Collection & Gap Analysis Report

Activities of Stage 2- Preliminary Studies

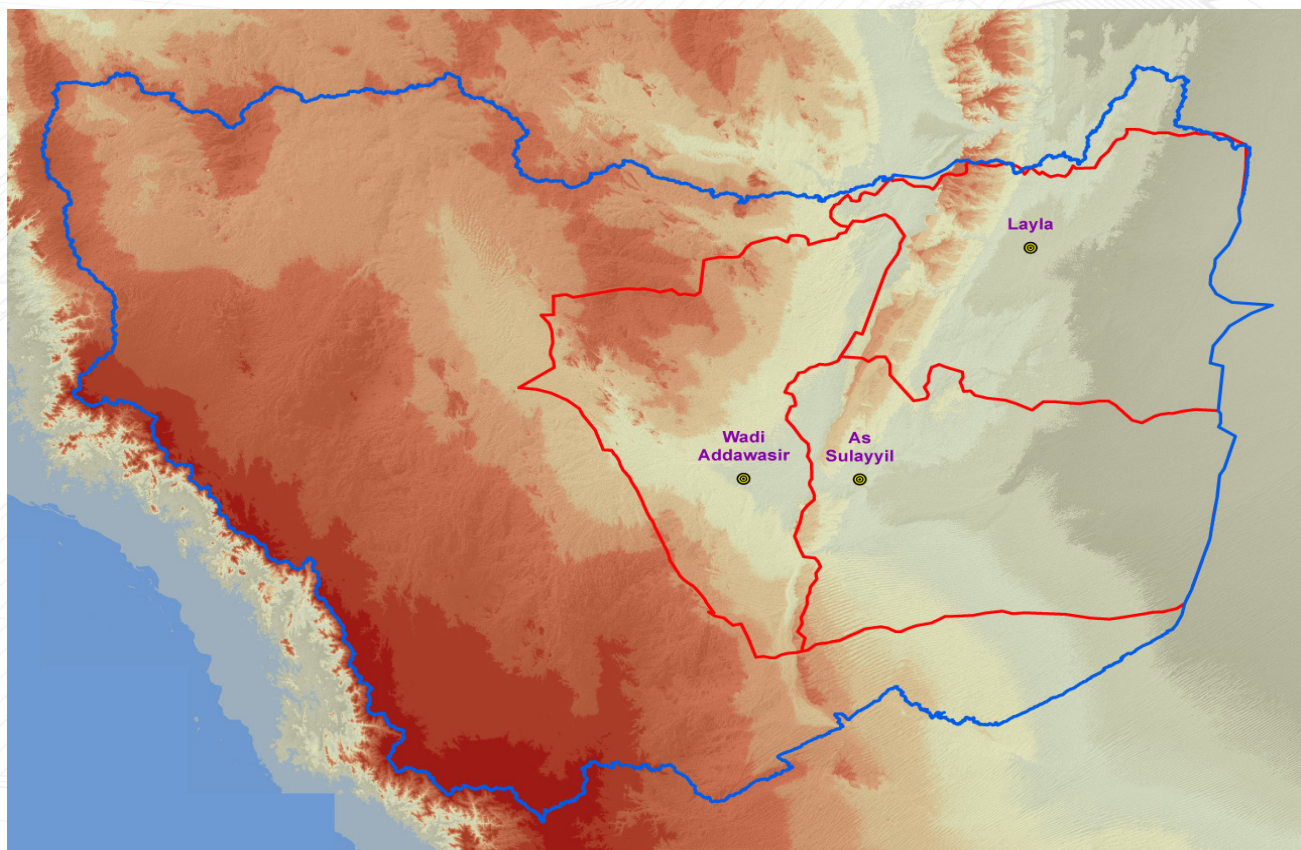
Activity	Sub-activity
Hydrologic Studies and Modelling	Collect and process digital elevation data and generate Digital Elevation Model (DEM)
	Process the DEM and generate the Flow Direction and Flow Accumulation and Waterways raster maps
	Identify Points of Interest, e.g. population centres, and generate catchments
	Check and verify generated waterways and catchment boundaries against other sources, e.g. 1:50,000 and 1:250,000 cartography maps, Google Earth and other satellite images
	Identify and/or assume hydrologic parameters of the catchments, e.g. rainfall intensities, losses and storages
	Hydrologic modelling using a modelling software, e.g. InfoWorks ICM, HEC-HMS or other similar tools
Hydraulic Studies and Flood Modelling	Identify hydraulic parameters of the catchments, e.g. roughness, fluvial processes, etc.
	Modelling flood events using InfoWorks ICM and HECRAS models
	Simulate climate change scenarios, if any impact is predicted in literature
	Identification of Hot Spot (inhabited flood-prone) areas
	Additional data collection for Hot Spot areas (field surveys, DEMs, etc.)
	Update and re-run hydraulic model with additional data



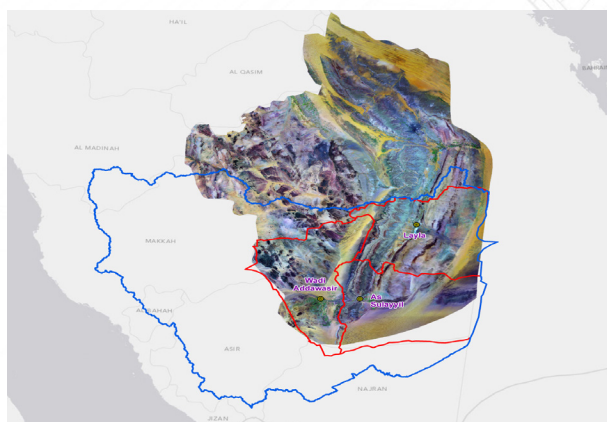
Identification of Risk Mitigation Strategies/Alternatives	Consider Resilience Strategies vs. Resistance Strategies
	Stakeholder Consultation Workshop for identification of preferred strategies/alternatives
Concept Design of the Preferred Alternatives	Identification of preferred strategies/alternatives
	Concept Design (sizing) of the structural measures
	Identification of the specifications of non-structural measures
	Update hydraulic model and assessment of performance of the measures
Preliminary Cost Estimation	Prepare documents required for cost estimation (general arrangements, typical details, specifications)
	Preliminary Bill of Quantities (BoQs)
Assessment, Comparison and Selection of Preferred Alternatives for Detailed Design	Preliminary cost estimation of the preferred alternatives
	Value Engineering Workshop
	Multi-Criteria Analysis (MCA) of the alternatives
Technical Review and Approvals	Selection of preferred alternatives for Detailed Design
	Technical review of deliverables (reports, drawings, cost estimations, etc.)
	Approvals

Activities of Stage 3- Final Studies and Tender Documents

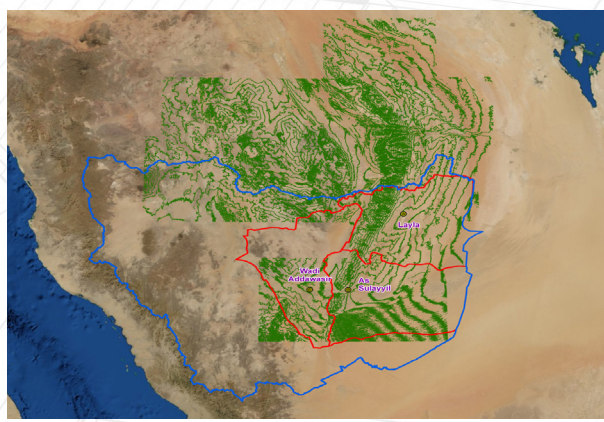
Activity	Sub-activity
Detailed Design of the Preferred Alternatives	Geotechnical investigations and additional detailed field surveys
	Detailed design of preferred alternatives, including civil, structural, mechanical and electrical, where applicable
	Detailed design drawings, including layouts, profiles, sections and details
Technical Specifications	Prepare technical specifications, including civil, structural, mechanical and electrical, where applicable
Bill of Quantities	Prepare Bill of Quantities (BoQs)
Cost Estimation	Prepare final cost estimation
Value Engineering	Value Engineering Workshop
Technical Review & Approvals	Technical review of deliverables (drawings, technical specifications and cost estimations)
	Approvals
Prepare Tender Documents	Prepare Tender Documents



Digital Elevation Model of the Study Area



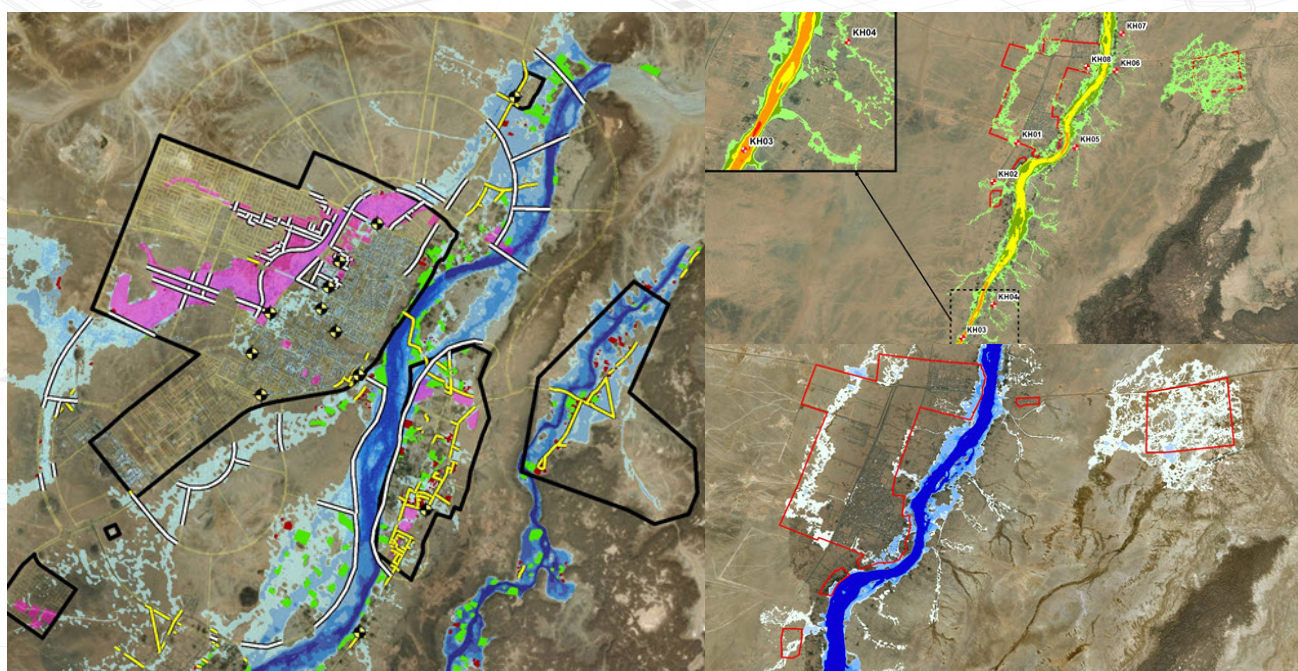
Satellite Image of the Study Area



Contour Map of the Study Area



Preparing a Comprehensive Strategic Plan for Rainwater Drainage and Prevention of Flood Hazards for Taif Region and its Municipalities



With the increased frequency of flooding events that may have disastrous effect on human societies, the Ministry of Municipalities and Rural Affairs (MOMRA) has started an initiative through which may provinces including Taif are integrally studied for assessing the flood hazards and developing master plans for storm water drainage and flood protection works. As a result, the Taif Municipality has issued a Request for Proposals (RFP) for preparing a comprehensive strategic plan for rainwater drainage and prevention of flood hazards for Al-Taif Region and Its Municipalities. Albwardi Engineering Consulting has been awarded this project after the bidding process was completed.

Taif is located in the west of the Kingdom of Saudi Arabia and the area of the province is about 87000 km², including Taif and its provinces. It has a population of about 1.28 million.

Al Taif region consists of six governorates (Al Taif – Turbah – Ranyah – Al Khurma – Maysan – Al Muwayh). The boundaries of these governorates represent the area of the study. The study area and these six governorates are divided into 21 municipalities.





Taif has been hit by many heavy rain storms in recent years resulting in flooding that sometimes causes infrastructure and property damages, interruption of daily activities, and loss of human lives.

The main objective of this project is to develop a comprehensive Stormwater Master Plan for all populated area within the region of the Municipality for the 1450 H horizon and outside of it. This includes identification of critical areas or hot spots with general design of solutions to these critical areas. Also, proposed design options for the permanent solutions are required as well.

STUDY AREA DESCRIPTION

The study area covers the whole Taif region which is divided into six governorates:

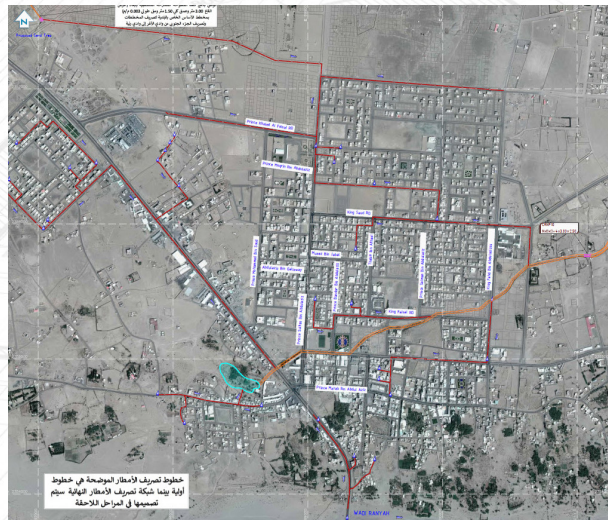
- Al-Taif Governorate
- Maysan Governorate
- Ranyah Governorate
- Turbah Governorate
- AlKhurmah Governorate
- Mouyah Governorate

CLIENT: Taif Municipality

SERVICES COMPLETION: On Going

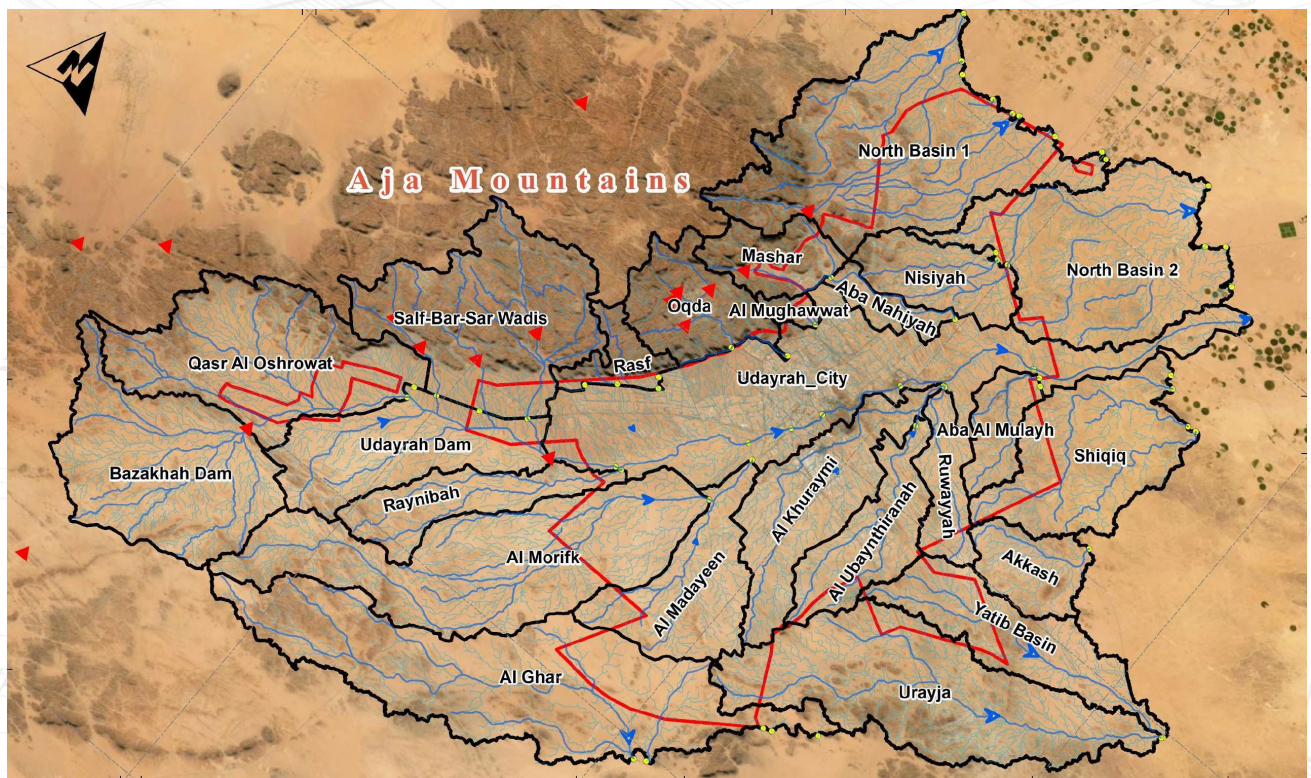
ALBWARDI ROLE: Mobilization, Soil Survey, Data Collection, Local Sources, Detailed Survey, Geotechnical Study, Client Support

COST: SAR 11.73 million





Preparing a Comprehensive Strategic Plan for Rainwater Drainage and Prevention of Flood Hazards for Hail Region and its Municipalities



The main objective of this project is to develop a comprehensive Storm Water Master Plan for all populated area within the region of Hail for the 1450 H horizon and outside of it. This includes identification of critical areas or hotspots with general design of solutions to these critical areas. Also, proposed design options for the permanent solutions are required as well. It is to be noted that the scope of the current project does not include any detailed design for any stage of the different project stages. Using the findings and recommendation of the Master Plan, a separate RFP will be issues by the Municipality for the development of design and tender documents for the detailed design of urgent solutions for critical areas and other areas permanent solutions. It should be noted that no detailed design effort is required by the consultant for any stage of the scope of work.

The study area covers hail region with all municipalities under the supervision of AMANAH Hail, which is divided into many governorates (Albwardi Engineering Consultant communicating with MoMRA to get the final administrative boundaries that found many conflicts in the received administrative boundaries from AMANAH).



PROJECT STAGES

According to project RFP, the required scope of work includes the following stages (It is worth noting that 1st stage has been replaced with 2nd stage):

- Stage 1: Data collection and review
- Stage 2: Review of Hydrological Parameters and Draft Stormwater Drainage Strategy
- Stage 3: Hot Spot Mitigation, Quick Wins and Smart Solutions - Identification and Design Proposal/ Solution Only.
- Stage 4: Hydraulic modeling of Water Shed and Urban Stormwater
- Stage 5: Draft Stage Master Plan
- Stage 6: Final Stage Master Plan
- Stage 7: Master Register of Flood Risk

Albwardi Engineering Consultant are now working on the first phase (reviewing hydrological determinants and preparing a draft strategic plan for rainwater drainage), which is in RFP is the second phase in parallel with 2nd phase (data collection and review).

CLIENT: Hail Municipality

SERVICES COMPLETION: On Going

ALBWARDI ROLE: Mobilization, Soil Survey, Data Collection, Local Sources, Detailed Survey, Geotechnical Study, Client Support

COST: SAR 9,300,375 million

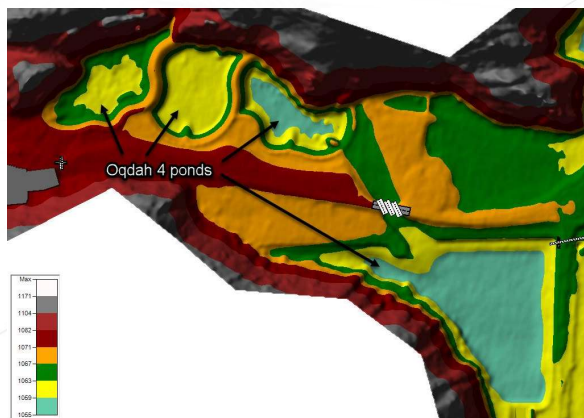
قناة الرصف – Alrasf channel



قناة الشفا – Alshafa channel



قناة مشار – Mashar channel





البواردي
للاستشارات الهندسية
alwardi
Engineering Consulting

SELECTED PROJECTS DESIGN & SUPERVISION



Halat Ammar Passenger Port - Design Stage

The passenger custom port in Halat Ammar is located on the border of Saudi Arabia with Jordan and has a total development area 750,000 m² and is situated approximately 110 km from Tabuk City.

Albwardi Engineering Consulting's concept was to create a modern, innovative yet distinguishable and monumental design. The design also had to be robust enough to withstand the harsh environmental conditions that are prevalent in this area. The design also needed to respond to the tradition and culture in a modern way, whereas at the same time it also needed to carry itself successfully into the future, whilst also catering for the public and private needs of the border for many years ahead.

PROJECT DESCRIPTION:

A passenger crossing border point between the Kingdom of Saudi Arabia & Jordan with multiple administrative buildings under two massive sheds.

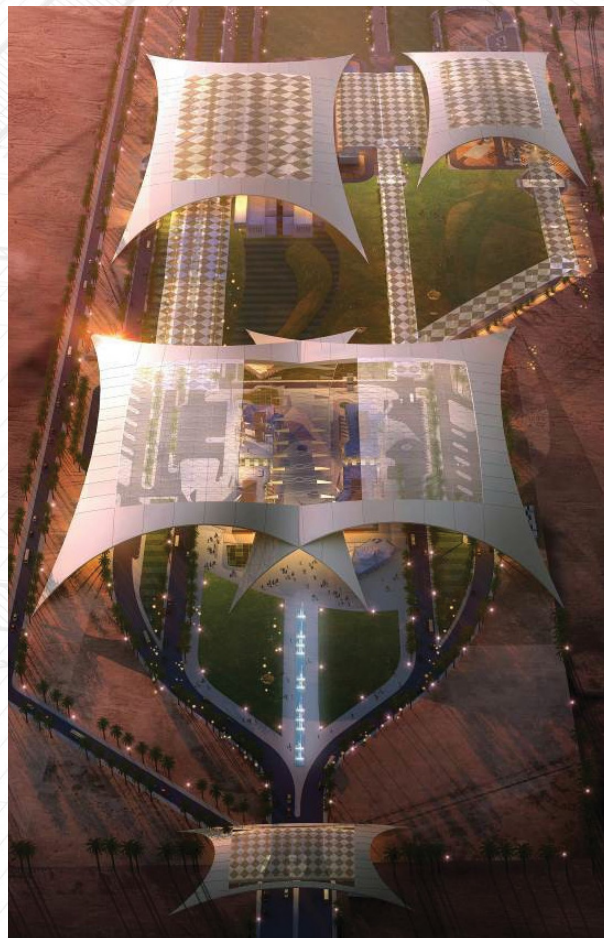
SCOPE OF SERVICE

- Architectural concept Design
- Landscape design
- Structural Design
- Mechanical Design
- Electrical Design
- Infrastructure Design
 1. Road network
 2. Drainage system
 3. Underground services
 4. Irrigation system.
- Site supervision.

PROJECTS BLOCKS:

Under shed area

- Passport
- Passport V.I.P Block
- Cafeteria
- Masjid
- Customs
- Service blocks
- Quarantine block
- Bus workshop
- Car workshop
- X-Ray Car
- X-Ray bus
- Customs Check for Buses





Administration area

- Transportation and road safety block
- Investigation block
- Administration custom block
- Islamic affair block
- Media block
- Post and metrology block
- Administration passport block
- Administration service block
- Agencies block
- Dispensary block
- Saudi Food and Drug block
- Building Management System Block

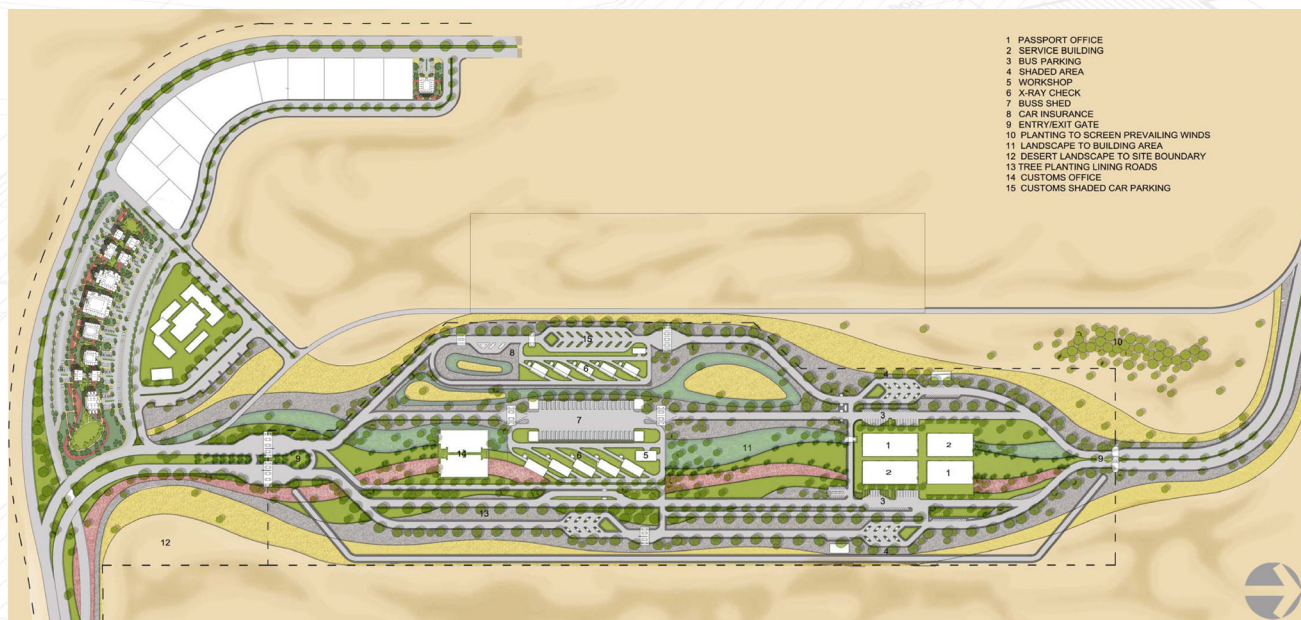
CLIENT: Ministry of Finance

CONSTRUCTION COST: SAR 840 Million

SERVICE COMPLETION: Design - Finished in April 2015 /
Supervision - Start July 2015

ALBWARDI ROLE: Design and Full control over the
building construction supervision services.







Halat Ammar Passenger Port - Supervision Stage

مشروع إنشاء منفذ جديد للركاب بمنفذ حالة عمار




المالك: وزارة المالية - وكالة الوزارة للخدمات المركزية
الإدارة العامة للمجمعات الحكومية "إدارة المشاريع"
قيمة المشروع: ٨٢٥,٣١٠,٨٩٨,١٥ ريال مدة التنفيذ: ٢٤ شهر
تاريخ الاستلام: ١٤٣٦/٩/١٤ هـ تاريخ الانتهاء: ١٤٢٨/٩/١٤ هـ

الاستشاري المصمم والمشرف:
مكتب البواردي للاستشارات الهندسية
قيمة عقد الاستشاري: ٥,٣٥٢,٠٠٠ ريال
هاتف: ٩٨٩٨-٢٠١-٠١١ فاكس: ٩٦٩٦-٢٠١-٠١١

المقاول: شركة فهد سليمان الفوزاني وشركاه للمقاولات
الرياض - المملكة العربية السعودية
هاتف: ٧٧٤٤-٤٨٩-٠١١ فاكس: ٧٧٠٠-٤٨٩-٠١١




Soil Investigation - borehole for VIP Passport and Passport Buildings



Starting cut and fill beneath the Shed's Building



Al Tuwal Border Crossing Travellers Port



The site is located at the south west of Kingdom of Saudi Arabia about 90 km south from city of Jeddah and along the Yemen border with a total development area of 573,000m².

The project comprises of a passenger crossing border point between Kingdom of Saudi Arabia & Yemen with multiple administrative buildings situated under a large shed taking, which also takes into account for movement of foot passenger travelling along a modern and innovative foot bridge.

The number of cars and trucks that cross Altwal port has increased from about 425,000 in 2006 to 560,000 in 2010. The climate conditions such as, wind severity and heavy rains are the largest challenge to the design and planning in this area. Albwardi Engineering Consulting's design met this challenge with an innovative yet distinguishable and monumental structure and buildings. Albwardi Engineering Consulting always ensure that the scope of work includes flexibility to allow for future extensions and innovations i.e. New Administration Buildings. The design and construction methods also took into consideration the highly windy nature of the surrounding area and applied a speedy construction methodology by incorporating a precast structural system.

Albwardi Engineering Consulting design also included the Water and waste Water Works which included the Sewer Drainage which included for the inner site up to the Sewage Treatment Plant with pipe diameters from 6 inch to 12 inch with a total length of 2,760 linear meters with 55 m / holes (1-7 m depth). The Storm Water Network for the site included pipes of 12 inch to 64 inch with a total length of 9,085 linear meters.

SCOPE OF SERVICE

- Architectural concept Design
- Landscape design
- Structural Design
- Mechanical Design
- Electrical Design
- Infrastructure Design
 - a) Road network
 - b) Drainage system
 - c) Underground services
 - d) Irrigation system.
- Site supervision.



PROJECTS BLOCKS:

Under shed area

- Passport
- Masjid
- Customs
- Service blocks
- Bus workshop
- Car workshop
- X-Ray Car
- X-Ray bus
- Building Management system block.
- Jail block

EXTENSION OF EXISTING BLOCK

- Civil defense block
- Drugs block
- Red crescent block
- Traffic Building

CLIENT: Ministry of Finance

CONSTRUCTION COST: Approximately SAR 350 million

SERVICES COMPLETION: July 2015

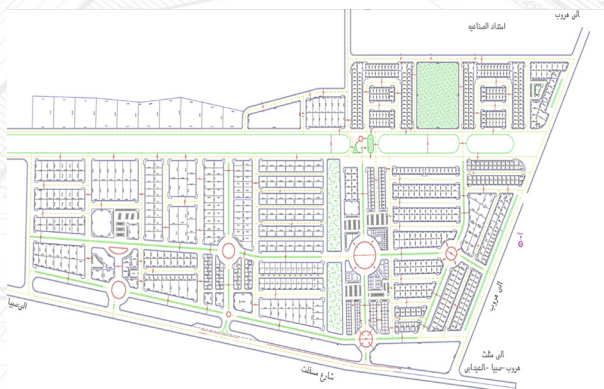
ALBWARDI ROLE: Design and Full control over the building construction supervision services.





Sabya Industrial City, Jizan

- This Project has a total are of 2,181,350 m²
- The components of this project are:
 - Road area of 669,000 m²
 - 170 residential units
 - 200 shops
 - 21 Autoshow
 - Fire system and network
 - Sewage and water network



CLIENT: Ministry Of Municipal And Rural Affairs

CONSTRUCTION COST: SAR 114 million

SERVICES COMPLETION: 2011

ALBWARDI ROLE: Lead Consultant on the Architecture, Structural, MEP, Infrastructure, design from concept design through to the construction documentation and finally had full control over the building construction supervision services.

PROJECT DESCRIPTION: Design & Supervision





Said Al Shohadaa Mosque, Almadina Almonwra



The area of the mosque is about 9,000 m² and the capacity is about 15,000 prayers at the same time, Albwardi Engineering Consulting completed the interior design and supervision of this mosque.

- The ablution area is equipped with the latest technology that incorporates dryers and water conservation.

CLIENT: Prince Abdulaziz Bin Fahad

CONSTRUCTION COST: Approximately SAR 70 million

SERVICES COMPLETION: December 2013

ALBWARDI ROLE: Interior Design and Supervision





Al-Ibrahim Commercial Tower



- 18 Storey High Rise Apartment Tower
- 136 Apartments
- 3 Basements Parking Area
- Shops
- Services

Area : 36,000 m²

CLIENT: Private Sector

SERVICES COMPLETION: 2014

ALBWARDI ROLE: Design and Supervision - Makkah





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للاستشارات الهندسية
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SELECTED PROJECTS SUPERVISION



Al Ra'idah Investment Company (RIC) Building Construction Supervision Services - Jeddah



Albwardi Engineering consulting have recently been commissioned by Al Ra'idah Investment Company (RIC) for the provision of comprehensive Building Construction Supervision Consultancy Services. Al Ra'idah Investment Company has undertaken to develop a large scale housing complex in the city of Jeddah. The development site located north of the City of Jeddah is bordered at its south side by the Medina highway and at close proximity of Jeddah International Airport. At the north is King Abdul-Aziz Road and facing Sharm Abhor. On the east and west of the site are large undeveloped areas.

The total area of the site is 2,494,977 m² with a total built up area of 2,710,000 m². The site is divided into residential zones on either side of a central district of mixed use (retail/offices). There are two different typologies of residential tenure, residential Single and Duplex Villas and Apartment Blocks.

Albwardi Engineering Consulting main task is to supervise the construction of apartment blocks in Zone 2 with a quantity of 74 buildings. Building construction supervision services include:

- Testing, balancing and commissioning in accordance with the specifications and other relevant codes and standards.
- Preparation of as-built drawings.
- Preparation of system operation and maintenance manuals.
- Training of employer's staff.
- Coordination with RIC and Albwardi Engineering Consulting regarding any clarification in Contract Documents.
- Coordination with the local authorities for approvals.
- Submission of shop drawings.
- Establishing and maintaining all safety related aspects to the highest standard acceptable to RIC and maintaining close coordination and management of all contractors on the site of Zone 2 and in its vicinity
- Monitor the progress, productivity and performance on site.
- Maintain full-time presence on Site in order to sufficiently review and observe the progress and quality of the Works performed by the Contractor and to ensure the works is constructed in accordance with the Construction Documents and the Contract with RIC.
- Management and PMO guidance documents for quality control, logistics, health and safety and project controls management and standards.



Albwardi Engineering Consulting will lead the professional services through exploiting the latest International methods and techniques to provide solid auditing, reporting and monitoring to the project activities from the start of the project until the successful handing over.

CLIENT: Al Ra-idah Investment Company

CONSTRUCTION COST: Approximately SAR 1.8 Billion

SERVICES COMPLETION: On Going

ALBWARDI ROLE: Project Supervision



1st Floor Columns & 2nd floor slab - Building 864



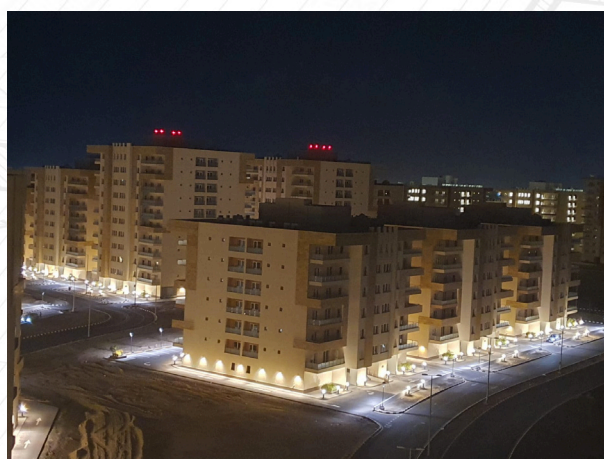
Raft - Building 841



Piles Casting - Building 831



Pile Load Test - Building 843





Marafiq Home Ownership Program Project Industrial Yanbu



MARAFIQ is developing a community area for homeownership program (HOP) which encompasses construction of 298 villas, one Masjid, Two Public Parks, Recreation Center building and social hall building. The project has a total land area of 310,170.06 m² with fully developed & functional infrastructure that include potable water and fire water system, storm water drainage system, sanitary waste water systems, irrigation system, Electrical system, street lighting, telecommunication systems, landscaping & roads. There are six types of villas, each villa is two story building with stair up to roof.

Supervising Work Activities

Inspection of work activities according to the raised RFI by the contractor Azmeel.

- Monitoring of contractor work activities on site.
- Observing that work activities is as per contract specification and approved IFC drawings and confirm to RC standards and specification.
- Ensure quality of work executed according to contract specification and issue non-conformance report and site observation report.
- Attending weekly meeting conducted by MARAFIQ Project Manager.
- Reporting progress of work activities on site.
- Inspection of material delivery at site as per MRR.
- Monitor contractor compliance to HSE requirements.
- Review of contractor invoices.
- Conduct testing and commissioning as per project requirements.
- Conduct Initial Acceptance Inspections and prepare punch list.
- Review of contractor submittal such as material

approval, test reports, As built drawings, O & M manuals, Technical Data, Technical Reports, Prequalification Documents of Subcontractors, Change Orders raised by contractor, Method Statements, Samples and Close-out Documentations.

- Submit monthly reports to RC and attending meetings with RC.
- Lease with RC for any submittal or review.
- Handover of villas and public buildings to RC and sign off RC supervision cards .

CONTRACTOR		المقاول	
 AZMEEL		 AZMEEL	
Performance period:	26 month	مدة التنفيذ:	٢٦ شهر
N. O. A date:	15 / 8 / 2011	تاريخ إخطار الزبنة:	٢٠١١ / ٨ / ١٥
Site Turnover Date:	8 / 10 / 2011	تاريخ تسليم الموقع:	٢٠١١ / ١٠ / ٨
Total Contract Price:	406.603.884.67 SR	قيمة العقد الإجمالية:	٤٠٦,٦٠٣,٨٨٤,٦٧ ريال سعودي
Contract Signature Date:	15 / 8 / 2011	تاريخ توقيع العقد:	٢٠١١ / ٨ / ١٥
Contract Ending Date:	7 / 12 / 2013	تاريخ نهاية العقد:	٢٠١٣ / ١٢ / ٧
Extension Starting Date:	8 / 12 / 2013	تاريخ بداية التمديد:	٢٠١٣ / ١٢ / ٨
Extension Ending Date:	22 / 4 / 2014	تاريخ نهاية التمديد:	٢٠١٤ / ٤ / ٢٢
Extension Period:	4.5 month	مدة التمديد:	٤,٥ شهر
Construction Super visor Consultant: Al bwardi Engineering Consulting		المستشار المرافق الهندسية	
Consultant Contract Price:		قيمة عقد الاستشاري:	

CLIENT: Marafiq

CONSTRUCTION COST: SAR 406 million

SERVICES COMPLETION: August 2017

ALBWARDI ROLE: Project Supervision



Salwa Port 600 Residential Units



New complex of 600 Residential Units and amenities to complete a beautiful residential compound in the port of Salwa. The residential compound also catered for services such as markets and the mosque's, whilst also incorporating parks and playgrounds for the benefit of the residents.

The compound was fully independent and included all services and networks including , water, electricity and fire fighting equipment.

The main residential units comprises of:

- a) 400 Family Villas
- b) 200 Bachelor Apartments.

The project is located on the border between the kingdom of Saudi Arabia and Qatar and is 150 km distance from Hofuf City in the east of the Kingdom of Saudi Arabia.



CLIENT: Ministry of Finance

CONSTRUCTION COST: SAR 372,099,910 million

SERVICES COMPLETION: 2020

ALBWARDI ROLE: Full building construction supervision services on the new complex's Architecture, Structural, MEP & Infrastructure construction.





Najran Ministry of Health Residential



Alwardi Engineering Consulting's applied local & international codes for all disciplines, applying a high technology trend for production sources by using the latest versions of Codes & Standards. Therefore their supervision consultant engineer's team had the opportunity to participate in a residential project for the Ministry of Health. The project is a residential compound for doctors and nurses in Najran south of the Kingdom of Saudi Arabia including services buildings which includes:

- a) Administration building
- b) Restaurant ,
- c) Gardens,
- d) Playground, etc.



CLIENT: Ministry of Health

CONSTRUCTION COST: Approximately SAR 180 million

SERVICES COMPLETION: February 2015

ALWARDI ROLE: Project Management, Construction Management

PROJECT DESCRIPTION: Residential compound for Doctors and Nurses



Zulfi College - Supervision for Education College, Faculty Building



Albwardi Engineering Consulting have been honoured with the task of Supervising the new construction project at the establishment of the Faculty of Education at Zulfi, a college at Al Majmaa'h University. The university is 260 km outside of Riyadh and surrounded by Al Qassim Province and services the following cities, Al Thwair, Simman, Al Rawdah, Al Bathyya, Al Hamoodah, Alqat Al Mostawa.

The new building project consists of a College building with a ground, first and second floor on an area of approximate 9,000 m² and consists of:

- a) Staff rooms
- b) Lecture halls and
- c) Administrative offices
- d) Building Management System Block

The new construction comprises green areas and places of entertainment for the college students.

The general site also consists of parking for members of the faculty and green areas for recreational use.

CLIENT: Al Majma'a University

CONSTRUCTION COST: Approximately SAR 116 million

SERVICES COMPLETION: 2018

ALBWARDI ROLE: Full building construction supervision services on the new college's Architecture, Structural, MEP & Infrastructure construction.





Northern Border University - Supervision for Construction of College of Pharmacy Building



Albwardi Engineering Consulting have been honoured with the task of Supervising the new construction project of one of the latest Colleges of Pharmacy which were established in the Kingdom of Saudi Arabia. The College of Pharmacy in Rafha is one of the colleges in Northern Border University for boys. The college is located in the province of Rafha , a city located approximately in the midway between the ends of the northern border area of the Kingdom of Saudi Arabia, and is characterized by coordinated streets and gardens and is also characterized by the tranquility of the city that is typical for any student.

CLIENT: Northern Border University

SERVICES COMPLETION: On Going

ALBWARDI ROLE: Full building construction supervision services on the new college's Architecture, Structural, MEP & Infrastructure construction with Building Management System Block.





Al Majmaah University - Supervision of 2nd Stage for Landscape Development (Fences, Roads and Gates)

Albwardi Engineering Consulting's provided consulting recommendations and research into the construction strategies on this project.

Albwardi Engineering Consulting provided the consulting and Building Construction supervision services, Albwardi Engineering Consulting delivered a high quality standard to our clients, assisting them in the sustainable development of their investments in this construction.

The project is located in Al Majma'a town 90 km North of Riyadh capital of KSA to assist build the University of Al Majma'a where the area of this project is approximately 2,400,000 m² and Albwardi Engineering Consulting are the representative of the owner as a consultant and supervision company.

Due to the gradients of the site, Albwardi were responsible for the grading of the cut and backfill which resulted in the moving of 1,400,000 m² of sub soil.

The main objective was to complete the asphalt inner roads with more than 850,000 m² of asphalt complemented with sidewalks inter twined with the university buildings. Albwardi Engineering Consulting supervised the construction of the fence around the university perimeter which expresses the modern culture of Saudi Arabia providing privacy to the university.

The fencing accommodates nine gates around the university compound two of them are main gates whilst the remaining seven are side and secondary gates, full services included into the design were:

- Security control rooms
- Lighting
- Mechanical barriers and
- Control rooms.

CLIENT: Al Majma'a University

CONSTRUCTION COST: Approximately SAR 100 million

SERVICES COMPLETION: August 2017

ALBWARDI ROLE: Full control over the construction supervision services.





Asphalting of inner and local roads.

Erecting of pre-cast Panel for perimeter fence.



Shaqraa University - Supervision of 2nd Stage for Landscape Development (Fences, Roads and Gates)



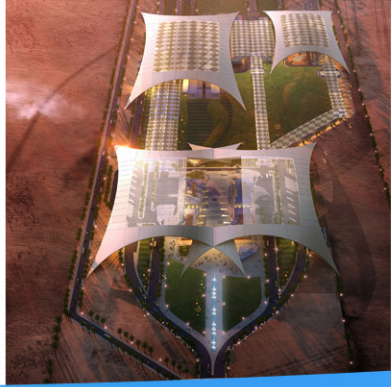
The project is located in Shaqra'a town 120 km north of Riyadh, with the area of the project being approximately 5,100,000 m².

The project was for the Landscape and infrastructure upgrade of the campus which included Asphalt inner roads with an area of 600,000 m² and parking sheds for professors and students on an area of 400,000 m².

Additional to the infrastructure was the erecting of fencing constructed around the perimeter. The fencing was constructed with concrete columns and had coloured precast concrete panel inserts. The fencing covered 5 km of the perimeter of the university and included 2 main gates with an impressive 20m height. The gates included security rooms and guard check points.

All areas included lighting and other services and Albwardi Engineering Consulting supplied numerous specialist Engineers in civil, Mechanical & Electrical as well as Architectural services to compliment the Building Construction supervision services.





Formwork of Main Gate (2) of the University



Asphalting of general site roads.



Asphalting of inside parking.

CLIENT: Shaqra'a University

CONSTRUCTION COST: Approximately SAR 60 million

SERVICES COMPLETION: August 2015

ALBWARDI ROLE: Full control over the construction supervision services.



Dammam University - Multi Storey Parking and Teachers Housing Complex



Albwardi Engineering Consulting has been task of Supervising the new construction project of the Muti Storey Parking and the Housing Complex for the teachers and faculty staff of Dammam University in Dammam City.

The new buildings and housing complex is located inside the University campus.

The new construction comprises green areas and places of entertainment for the staff. The general site also consists of parking for members of the faculty and green areas for recreational use.

CLIENT: Dammam University

SERVICES COMPLETION: On Hold

ALBWARDI ROLE: Full building construction supervision services on the new college's Architecture, Structural, MEP & Infrastructure construction.



Design, Implementation sign, Build and Operation of Potable Water Plants in four Industrial Cities, Saudi Authority for Industrial Cities and Technology Zones (MODON)



Albwardi Engineering Consulting and Artelia Group were awarded the contract for design, implementation and operation of potable water plants in four industrial cities of Saudi Authority for Industrial Cities and Technology Zones (MODON)

Project Location:

- Riyadh 3rd. Industrial City.
- Durma Industrial City.
- Modon Oasis in Al-Ahsa.
- Ha'il Industrial City.

PROJECT BLOCKS:

- o GLS TANK
- o Administration building
- o Pump room building
- o Control room (MLC/PLC)
- o Guard house
- o R.O plant, well, Underground fire & Water Supply Tank, S.T.P Production Irrigation Tank.
- o Landscaping, roads, drainage system (main hole, gully trap & internal channel) and plantation



CLIENT: Saudi Authority for Industrial Cities and Technology Zones (MODON)

SERVICES COMPLETION: On Going

ALBWARDI ROLE: Design Review, Site Supervision and Operations

CONTRACT VALUE: SAR 10.39 million



Supervision for the Replacement of Central Air Conditioning system for the Main Building of the Ministry of Commerce and Investment - Riyadh



Supervising Work Activities:

- Monitoring of contractor work activities on site.
- Observing that work activities is as per contract specification and approved IFC drawings and confirm to project standards and specification.
- Ensure quality of work executed according to contract specification and issue non-conformance report and site observation report.
- Attending weekly meeting conducted by the ministry of Commerce and Investment.
- Reporting progress of work activities on site.
- Inspection of material delivery at site as per MRR.
- Monitor contractor compliance to HSE requirements.
- Review of contractor invoices.
- Conduct testing and commissioning as per project requirements.
- Conduct Initial Acceptance Inspections and prepare punch list.

- Review of contractor submittal such as material approval, test reports, as built drawings, O & M manuals, Technical Data, Technical Reports, Prequalification Documents of Subcontractors, Change Orders raised by contractor, Method Statements, Samples and Close-out Documentations.
- Submit monthly reports to the ministry of Commerce and Investment.

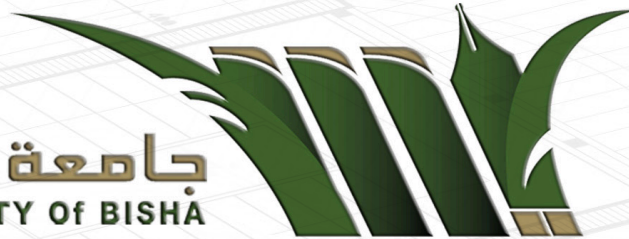
CLIENT: The Ministry of Commerce and Investment - Riyadh

SERVICES COMPLETION: 2020

ALBWARDI ROLE: Site Supervision



جامعة بيشة
UNIVERSITY OF BISHA



STUDIES DESIGN SUPERVISION FOR UNIVERSITY

Engineering Consultancy Services for Bisha University

Albwardi Engineering Consulting signed a three years contract with Bisha University to provide engineering consultancy services for all current and new projects (Buildings and Infrastructure) that include and not limit to:

- Investigating available data or information relating to the project and which are relevant to the works and collaborating with other consultants appointed by Bisha University.
- Obtaining from Bisha University the basic requirements of the project and the general standard it is desired to maintain.
- Making preliminary study of the project and submitting a preliminary report summarizing the requirements, making recommendations on suitable system and equipment and providing cost estimate to facilitate approval of design proposals.
- Design and Design Review.
- Cost/Budget Estimates and Control
- Constructability Reviews
- Change Orders and Contract Management
- Review tender drawings and specifications on agreed design basis.
- Assessing and reporting on tenders' documents received and assisting Bisha University to interview prospective tenderers and making fair and appropriate recommendations.
- Technical supervision of works in progress including site visits, daily inspection and supervision and attendance at meetings as are necessary to advise on the general standard and conduct of the works.
- Observing that work activities are as per contract specification and approved IFC drawings

- Shop drawings Review and approval.
- Material Submittal Review.
- To review progress of project jointly with Bisha University and other consultants at suitable interval to ensure proper coordination and smooth implementation of works.
- To carry out final inspection of the works to meet the requirements of the relevant authorities.
- To certify the general correctness of the progress payment claims.
- To certify the practical completion and final completion of the works.

CLIENT: Bisha University

SERVICES COMPLETION: 2022

ALBWARDI ROLE: Project Management



Engineering Consultancy Services for Hail Municipality



Albwardi Engineering Consulting signed a three years contract with Hail Municipality to provide engineering consultancy services for all current and new projects in Hail Municipality and Sub-Municipalities (Public Buildings, Roads & Bridges, Projects of Ward Off Dangers of Torrents, Landscape Works, Public Facilities, etc.), the services include but not limit to:

- Investigating available data or information relating to the project and which are relevant to the works and collaborating with other consultants appointed by Hail Municipality.
- Obtaining from Hail Municipality the basic requirements of the project and the general standard it is desired to maintain.
- Making preliminary study of the project and submitting a preliminary report summarizing the requirements, making recommendations on suitable system and equipment and providing cost estimate to facilitate approval of design proposals.
- Design Review and Management.
- Cost/Budget Estimates and Control
- Constructability Reviews
- Change Orders and Contract Management
- Review tender drawings and specifications on agreed design basis.
- Assessing and reporting on tenders' documents received and assisting Hail Municipality to interview prospective tenderers and making fair and appropriate recommendations.
- Technical supervision of works in progress including site visits, daily inspection and supervision and attendance at meetings as are necessary to advise on the general standard and conduct of the works.

- Observing that work activities are as per contract specification and approved IFC drawings
- Shop drawings Review and approval.
- Material Submittal Review.
- To review progress of project jointly with Hail Municipality and other consultants at suitable interval to ensure proper coordination and smooth implementation of works.
- To carry out final inspection of the works to meet the requirements of the relevant authorities.
- To certify the general correctness of the progress payment claims.
- To certify the practical completion and final completion of the works.

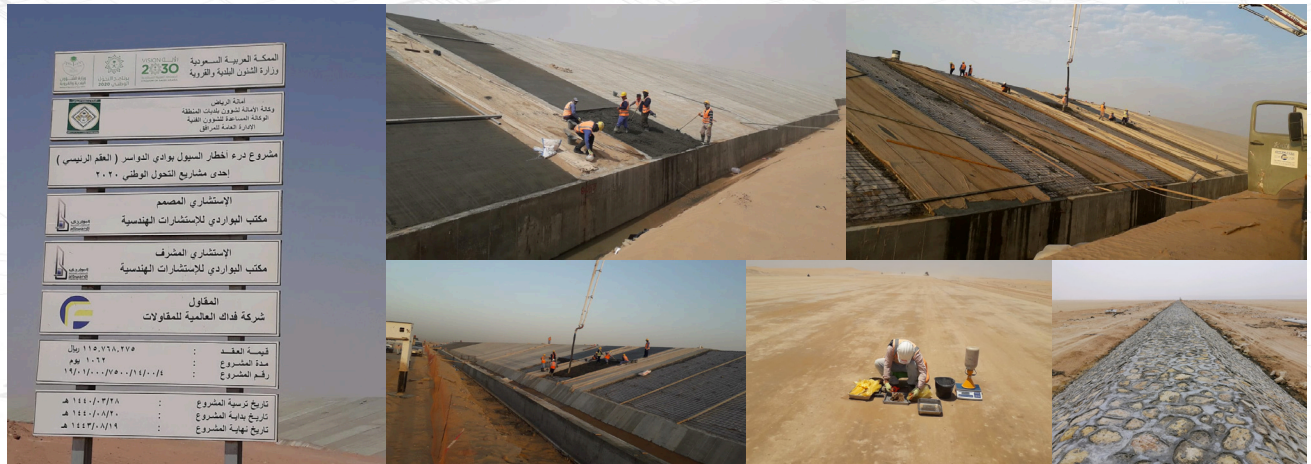
CLIENT: Hail Municipality

SERVICES COMPLETION: 2022

ALBWARDI ROLE: Project Management



Projects of Ward Off Dangers of Torrents and Establishment of Rainwater and Flood Drainage Systems in Riyadh Sub-Municipalities



In 2019, Albwardi Engineering Consulting was awarded a three years contract to supervise and manage the projects of ward off Dangers of torrents and establishment of rainwater and flood drainage systems in Riyadh Sub-Municipalities.

Work Activities:

- Project management services for the projects of ward off Dangers of torrents and establishment of rainwater and flood drainage systems in Riyadh Sub-Municipalities.
- Establishing Project management office (PMO) to define standardized project management standards, procedures, methods and tools to support project teams; including administrative services and training in process, methodology, and tools. the PMO will also serve as the organization's central hub for project documentation, guidance and success metrics.
- Design review and site supervision for the projects of ward off Dangers of torrents and establishment of rainwater and flood drainage systems in Riyadh Sub-Municipalities.



CLIENT: Riyadh Municipality

ALBWARDI TEAM: 81 Persons (Managers, Engineers and Technicians)

SERVICES COMPLETION: 2022

ALBWARDI ROLE: Project Management, PMO



JOTUN Project Management - Finished Goods Warehouse and Tank Farm in Yanbu



In November 2019, Albwardi Engineering Consulting has signed one year contract with Jotun Group which is one of the world's top producers of paints and coatings to perform project management services for paint manufacturing facility to be constructed in Industrial Yanbu, KSA.

The project management services include:

- Study, verify and confirm the contract design documents and timeline proposed by the contractor at the beginning of the project or before execution of the project.
- Monitor and ensure the day to day work progress as per the committed scope, quality, time and safety by the contractor on all working days.
- Prepare the report on the progress and update the client on weekly basis.
- Report any deviation by the contractor from the committed scope, quality, time and safety to the client immediately and to take necessary action.
- Check and ensure the quality and specification of the supplied items as committed by the contractor.
- Supervise and check the installation of storage tanks, pumps, pipelines, cables, cable trays, any other MEP works and civil works as per the final design documents.
- Coordinate with the client and the contractor for any scope change.
- Get and verify the method of statement from the contractor before the execution of any job.
- Conduct the job risk analysis before the execution of the job.
- Conduct the weekly review meeting with the contractor for the progress of the work and planned work.
- Authorize the work permit for the contractor.
- Certify the contractor progressive bills to client as per site condition.
- Material inspection and & approvals.
- Co-ordinate between contractors for all authorities' inspection.
- Keeping Site clean in co-ordinate with Contractors.
- Removing the debris and keeping the fire lane/fire escape area clear at all time of project.
- Ensuring the contractors using proper tools.
- Proper shutdown/ closing of power tools and site after work completion.
- Notifying the hazards in site coordinating with contractors.

CLIENT: JOTUN

CONSTRUCTION COST: SAR 25,850,000

SERVICES COMPLETION: On Going

ALBWARDI ROLE: Project Management



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Engineering Consulting

SELECTED PROJECTS PROJECT MANAGEMENT



Al Majma'a University PMO Agreement



On Thursday 5th of June 2014, a Project Management Consulting service contract was signed between Majmaah University and Albwardi Engineering Consulting with the presence of His Excellency the Rector, Dr. Khalid S. Al-Mugren and a number of the vice-rectors and deans as well as Eng. Abdulaziz S. Albwardi. The purpose of the contract is to provide a consulting services to project management at the general administration for projects and technical affairs. Eng. Fawzan Al-Fahad, director of projects management and technical affairs gave a speech where he provided a background about the agreement and its significance.



Addressing the audience, the Rector, Dr. Al-Mugren delivered a speech and welcomed the agreement which he believes will pay dividends on the long term for both sides. His Honor also added that the university is proud of the partnership with a major Saudi Arabian Consultancy. Albwardi Engineering Consulting will install a Project Management Office (PMO), a department that will establish and implement best practices and maintains standards related to project management, planning and execution. The Albwardi PMO will also serves as the organization's central hub for project documentation, guidance and success metrics.

The PMO's main purpose is to facilitate project success by establishing best practices, mitigating risks and ensuring on-time project delivery within a specified budget.

CLIENT: Al Majmaah University

SERVICES COMPLETION: December 2017

ALBWARDI ROLE: Project Management





MARAFIQ In-Kingdom Consultancy for Project Management Services (PMC)

Albwardi Consulting Engineering together with Sogreah Gulf were awarded the contract for In-Kingdom Consultancy for Project Management Services - Low Tier for Power and Water Utility Company for Jubail and Yanbu (MARAFIQ).

Where-in, Albwardi Engineering Consulting & Sogreah Gulf will provide consulting services for the operation and maintenance, management, construction, developments and expansion of the utility systems for sea water cooling, treated, desalinated water, wastewater and power systems at Jubail and Yanbu Industrial Cities.

The Project Management & Consultancy services provided would include In Kingdom (IK) services. Such services provided will consists of the Project Management activities including but not limited to (i) the preparation of basic engineering documents the conceptual design basis of which was provided for reference only by MARAFIQ responsible department, sufficient to support the issue of a Request for Proposal (RFP) to Design and Build Contractors (ii) providing procurement services by preparing the RFP for a subject investment, assist MARAFIQ in floating the RFP and advise MARAFIQ on the technical evaluation and un-priced commercial evaluation of the bids as received on the RFP inquiry, (iii) supervise the design and construction of the subject capital project(s) once awarded to the Design and Build Contractor(s), monitor progress and cost on the execution of the capital project(s) and report the same to MARAFIQ (iv) other associated services.

The scope of work to be provided shall be comprehensive IK services to cover all the Stages of Projects, as applicable, on including but not limited to basis.

They shall include but not limited to:

Stages of Projects:

- a. Stage 0 : Feasibility study (in required cases), Preparation of Design Basis
- b. Stage 1 : Preparation of preliminary action plan
- c. Stage 2 : Preparation of proposal for overall completion
- d. Stage 3: Preparation of FEED work
- e. Stage 4: Preparation of tender documents including technical RFP
- f. Stage 5: Selection of tenderers and floating commercial tender
- g. Stage 6: Tender evaluation, clarification and negotiations and contract award
- h. Stage 7: EPC

CLIENT: Power and Water Utility Company for Jubail and Yanbu (MARAFIQ)

SERVICES COMPLETION: On Going

ALBWARDI ROLE: Project Management



البواردي
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Engineering Consulting

YANBU BRANCH PROJECTS



DESIGN PROJECTS

	Project Name & Description	Client	Location
1	Engineering Design Services for Project Modification of Al Tayseer for Logistic Services	Al Tayseer Group	Yanbu Al Sinaiyah
2	Engineering Design Services for Modification of Alternative landscaping	Al Jaar Housing Project ARAMCO	Yanbu Al Sinaiyah
3	Designing and Engineering to Receive Utility Service from MARAFIQ	Many Factories	Yanbu Al Sinaiyah
4	Engineering Design Services for Al Tayseer Logistics Services - Jubail Industrial City	Al Tayseer Group	Jubail Industrial City
5	Engineering Design Services for the Expansion of Global Gypsum Factory	3G Global Gypsum Co. Ltd.	Yanbu Al Sinaiyah
6	Engineering Design Services for Pasta Factory	Ahmad Hassan Al Hadi Co	Jazan Al Senaiya
7	Engineering Design Services for Project of RAK Ceramics Factory	RAK Company	Yanbu Al Sinaiyah
8	Design the factory of Unique Rubber Industrial Co.	Unique Rubber Industrial Co.	Yanbu Al Sinaiyah
9	Engineering Design Services for Fire Protection of Carpet Factory	MADA Carpet Factory	Yanbu Al Sinaiyah
10	Engineering Design Services for Ferro Silicon Production Factory	UMIC Advanced Industrial Development Co.	Yanbu Al Sinaiyah
11	Engineering Design Services for Project of BURGERIZZR Restaurant	Bayt Alshatira Company(Burgerizzr)	Yanbu Al Sinaiyah
12	Design of Commercial & office building	Hashim Real Estate Corporation	Yanbu Al Sinaiyah
13	Engineering Design Services for Modification SABIC Housing Aljar	SABIC	Yanbu Al Sinaiyah
14	Design of Logistic services area	Gulf Hills Trading Company	Yanbu Al Sinaiyah
15	Design The Expansion of Naqaa Iron Foundry for Engineering Products	NAQA Iron Foundry for Engineering Products	Yanbu Al Sinaiyah
16	Design The Expansion of Reda National Factory	Reda National Co for road paint and highway safety	Yanbu Al Sinaiyah
17	Design The Expansion of Sulphuric Acid Plant	Yanbu Specialized Chemicals Plant	Yanbu Al Sinaiyah
18	Design The Modification of Hepco Saudi Pipe Factory	Saudi HEPCO Co Ltd	Yanbu Al Sinaiyah
19	Engineering Design Services for expansion El Khayat of Gypsum Factory	El-Khyyat Group	Yanbu Al Sinaiyah



	Project Name & Description	Client	Location
20	Engineering Design Services for logistics Transportation and Heavy Load Equipment	Almajdouie Logistics Company	Yanbu Al Sinaiyah
21	Engineering Design Services for logistics Transportation and Heavy Load Equipment	MAMMOET KSA Limited Co.	Yanbu Al Sinaiyah
22	Engineering Design Services for Modification of SABIC Office at KAUST	Rezayat Company Limited	KAUST
23	Engineering Design Services Fire Protection systems	Lubrizol Transarabian Co. Ltd.	Yanbu Al Sinaiyah
24	Design Lightning Protection and BOQ for Lubrizol Plant	Lubrizol Transarabian Co. Ltd.	Yanbu Al Sinaiyah
25	Engineering Design Services of two Petrol Station & Travelers Services Center on (200.000)M2	AL-SHAREEF GROUP	Yanbu Al Sinaiyah
26	Engineering Design Services of Al-Mouwasat Hospital in Yanbu Al Sinaiyah	Al-Mouwasat Medical Services	Yanbu Al Sinaiyah
27	Engineering Design Services for the Expansion of Abudawood factory	Abudawood Industrial Company Ltd.	Yanbu Al Sinaiyah
28	Engineering Design Services for UMI Factory Expansion	United Mining Industries	Yanbu Al Sinaiyah
29	Engineering Design Services for Project of El-Khayyat Ceramic Factory	El-Khayyat Group	Yanbu Al Sinaiyah
30	Engineering Design Services El-Khayyat Fiber Cement Boards Factory	El-Khayyat Group	Yanbu Al Sinaiyah
31	Engineering Design Services for Middle East Factory for Modern Industry Buildings	Middle East Factory for Modern Industry Buildings	Yanbu Al Sinaiyah
32	Safety management system HSE plan	3G Global Gypsum Co. Ltd.	Yanbu Al Sinaiyah
33	Engineering Design Services for Factory Expansion of Global Gypsum	3G Global Gypsum Co. Ltd.	Yanbu Al Sinaiyah
34	Engineering Design Services for the Expansion of Glass Factory	Arabian United Float Glass Company	Yanbu Al Sinaiyah
35	Engineering Services for Preparing the cost of establishing a new factory in Riyadh	MADA Gypsum Company	Riyadh
36	Engineering Design Services for Factory Expansion of Saudi Carbonate	Saudi Carbonate Co. Ltd.	Yanbu Al Sinaiyah
37	Engineering Design Services Of Basalt Fibers Factory	Sultan Alnofae for Basalt Products Co	Yanbu Al Sinaiyah
38	Engineering Design Services for Plant Modification with the Fire protection systems	MADA Gypsum Company	Yanbu Al Sinaiyah
39	Engineering Services for factory of Flowserve	Flowserve Al Rushaid Co. Ltd.	Yanbu Al Sinaiyah
40	Engineering design Services for Fire protection system of Yanbu Lab Project	Bureauveritas	Yanbu Al Sinaiyah



SUPERVISION PROJECTS

	Project Name & Description	Client	Location
1	"Engineering Supervision Services for the expansion of Abudawood Factory (overprint, varnishes, liquid cleaners, fabric softeners & disinfectants factory)"	Abudawood Industrial Company Ltd	Yanbu Al Sinaiyah
2	Engineering Supervision Services for El-Khyyat Fiber Cement Boards Factory	El-Khyyat Group	Yanbu Al Sinaiyah
3	Engineering Supervision Services for the expansion of El-Khyyat Gypsum Factory	El-Khyyat Group	Yanbu Al Sinaiyah
4	Engineering Supervision Services for Modern Buildings Factory	Middle East for Modern Buildings Co. for Industry	Yanbu Al Sinaiyah
5	Engineering Supervision Services for the expansion of Calcium Carbonate Factory	Saudi Carbonate Co. Ltd.	Yanbu Al Sinaiyah
6	Engineering Supervision Services for the expansion of UMI Gypsum Factory	United Mining Industries	Yanbu Al Sinaiyah
7	Engineering Supervision Services for Yaqout Ceramic Factory	Yaqout Ceramic Company Limited	Yanbu Al Sinaiyah
8	Engineering Supervision Services for Ceramic Factory	Tebra Arabia Co. for Industry	Yanbu Al Sinaiyah
9	Engineering Supervision Services for the Project of Logistic Services Area	Tayseer Group	Yanbu Al Sinaiyah
10	Engineering Supervision Services for the Project of Glass Beads Production Factory	Al-Haramin Industrial Group Co.	Yanbu Al Sinaiyah
11	Engineering Supervision Services for the Project of Laydown Yard, Workshop & Offices	Esam Kabbani Co.	Yanbu Al Sinaiyah
12	Engineering Supervision Services for the El-Khyyat Gas Station	El-Khyyat Group	Yanbu Al Sinaiyah
13	Engineering Supervision Services for the Plastic Industries Factory	Alfa Company	Yanbu Al Sinaiyah
14	Engineering Supervision Services for NAQA iron Engineering Products factory	NAQA Iron Foundry for Engineering Products	Yanbu Al Sinaiyah
15	Engineering Supervision Services for the project of Gulf Hills Logistic services area	Gulf Hills Trading Company	Yanbu Al Sinaiyah
16	Engineering Supervision Services for the project of Yanbu Gypsum Company For Industrial/Alsaleh	Yanbu Gypsum Company For Industrial/Alsaleh	Yanbu Al Sinaiyah
17	Engineering Supervision Services for the project of Reda National Factory for road paint and highway safety	Reda National Co for road paint and highway safety	Yanbu Al Sinaiyah
18	Engineering Supervision Services for the expansion of Saudi HEPCO factory	Saudi HEPCO Co Ltd	Yanbu Al Sinaiyah
19	Engineering Supervision Services for Flowserve Al Rushaid Terminal	Flowserve Al Rushaid Co	Yanbu Al Sinaiyah



SELECTED PROJECTS LIST

DESIGN

SUPERVISION

PROJECT MANAGEMENT

	Project Title	Project Description	Start Date	Completion Date	Value	Size	Location	Client
1	Al Ra'dah Investment Company (RIC) Building Construction Supervision Services	Supervision – Buildings & Infrastructure	2015	On-Going	Construction Cost - Approximately SAR 1.8 Billion	Built Up Area : 2,710,000 m ² Zone 2 - 74 buildings, 2,556 Apartments (607,466 m ²)	Jeddah	— رزا RAZA — الرائدة AL RA'IDAH
2	Halat Ammar Passenger Port	Design & Supervision – Buildings & Infrastructure	2014	Design – Finished in April 2015 / Supervision – Started on July 2015	Construction Cost – Approximately SAR 840 Million	Total Development Area: Approximately 750,000 m ²	Halat Ammar	وزارة المالية Ministry of Finance
3	Projects of Ward Off Dangers of Torrents and Establishment of Rainwater and Flood Drainage Systems in Riyadh Sub-Municipalities	Supervision – Buildings & Infrastructure	2019	On-Going		ALBWARDI TEAM: 81 Persons (Managers, Engineers and Technicians)	Riyadh	الرياض Alriyadh Municipality
4	Salwa Residential 625 Units	Design – Buildings & Infrastructure	2014	Service Completion Date – March 2015	Construction Cost - Approximately SAR 700 Million	Total Area: 500,000 m ² 500 Apartment Units 125 Villa Units	Salwa	وزارة المالية Ministry of Finance
5	Salwa Port 600 Residential Units	Supervision – Buildings & Infrastructure	2015	2020	Construction Cost - Approximately SAR 535 Million	Area : 433,790 m ² 400 Family Villa Units 200 Bachelor Apartment Units Masjid Parks	Salwa	وزارة المالية Ministry of Finance
6	20 Sports and Leisure Clubs – Master Plan Design	Design – Buildings & Infrastructure	2015	Service Completion Date – August 2015	Each Clubs Construction Cost - Approximately SAR 65 Million	Master Planning and Conceptual Design of all clubs with Indoor and Outdoor Facilities covering 8,000 – 12,000 seat capacity	Kingdom Wide	وزارة الرياضة Ministry of Sports








DESIGN



SUPERVISION



PROJECT MANAGEMENT

	Project Title	Project Description	Start Date	Completion Date	Value	Size	Location	Client
7	MARAFIQ Home Ownership Program Industrial Yanbu	Supervision – Buildings & Infrastructure	2013	Service Completion Date – August 2017	Construction Cost - Approximately SAR 406 Million	Total land area of 310,170.06 m ² - 298 villas - Masjid - Two Public Parks - Recreation Center Building - Social Hall Building	Yanbu	
8	Al Tuwal Border Crossing Travellers Port	Design & Supervision – Buildings & Infrastructure	2014	Service Completion Date – July 2015	Construction Cost - Approximately SAR 350 Million	Total Development Area: 573,000 m ²	Al Tuwal	 وزارة المالية Ministry of Finance
9	Head Office Building of General Presidency of the Promotion of Virtue and the Prevention of Vices	Design – Buildings & Infrastructure	2015	2019		Maximum Floors : 7 Maximum GFA : 35,000 m ² Approximate Plot Area : 61,705 m ² Parking Area : 21,595 m ²	Riyadh	 وزارة المالية Ministry of Finance
10	Development of Ministry of Finance	Design – Buildings & Infrastructure	2013	Service Completion Date – December 2013	Construction Cost - Approximately SAR 80 Million	Total project Area : 3,200 m ² 2 Multi Story Building	Jeddah	 وزارة المالية Ministry of Finance
11	Weekend Villa Resort	Initial Design Only – Buildings & Infrastructure	2010	2010	Construction Cost - Approximately SAR 1 Billion	Area: 1,200,000 m ² - 750 small villas - Club house and horse race - Administration Building - Restaurants - Lakes	Riyadh	Private Sector
12	California Compound	Review the Design & Prepare the RFP and Contract Agreement – Buildings & Infrastructure	2010	Service Completion Date – 2010	Construction Cost - Approximately SAR 240 Million	Area : 100,000 m ² 17 Multistory Buildings 26 Villas Swimming Pool Club Restaurant	Riyadh	Private Sector
13	Northern Border University – Supervision for Construction of College of Pharmacy Building	Supervision – Buildings & Infrastructure	2016	On-Going	Construction Cost - Approximately SAR 160 Million	Total project Area : 32,000 m ² Building Area : 13,500 m ²	Rafha	



DESIGN

SUPERVISION

PROJECT MANAGEMENT

	Project Title	Project Description	Start Date	Completion Date	Value	Size	Location	Client
14	Al Khadraa Cargo Custom Port	Design – Buildings & Infrastructure	2015	Service Completion Date – July 2015	Construction Cost - Approximately SAR 250 Million	Area: 1,180,000 m ²	Al Khadraa	 وزارة المالية Ministry of Finance
15	Al Khafgi Cargo Custom Port	Design – Buildings & Infrastructure	2015	Service Completion Date – November 2015	Construction Cost - Approximately SAR 200 Million	Area: 640,000 m ²	Al Khafgi	 وزارة المالية Ministry of Finance
16	Al Durah Cargo Custom Port	Design – Buildings & Infrastructure	2015	Service Completion Date – September 2015	Construction Cost - Approximately SAR 100 Million	Area: 297,000 m ²	Al Durah	 وزارة المالية Ministry of Finance
17	Halat Ammar Cargo Custom Port	Design – Buildings & Infrastructure	2012	Service Completion Date – December 2014	Construction Cost - Approximately SAR 190 Million	Area: 668,000 m ² Halat Ammar		 وزارة المالية Ministry of Finance
18	Al Wadiah Port	Design – Buildings & Infrastructure (First Stage)	2015	2015			Al Wadiah	 وزارة المالية Ministry of Finance
19	Sabya Industrial City	Design & Supervision – Buildings & Infrastructure	2011	Service Completion Date – 2011	Construction Cost - Approximately SAR 114 Million	Total Area: 2,181,350 m ² - Road area of 669,000 m ² - 170 residential units - 200 shops - 21 Autoshow	Jizan	 وزارة الشؤون البلدية والقروية Ministry of Municipal & Rural Affairs
20	Al Majmaah University – Supervision of 2nd Stage for Landscape Development (Walls, Roads & Gates)	Supervision – Buildings & Infrastructure	2014	Service Completion Date – December 2017	Construction Cost - Approximately SAR 100 Million	Total project Area : 5,100,000 m ²	Al Majmaah	 جامعة المجمعة Majmaah University
21	Shaqraa University – Supervision of 2nd Stage for Landscape Development (Walls, Roads & Gates)	Supervision – Buildings & Infrastructure	2014	Service Completion Date – August 2015	Construction Cost - Approximately SAR 60 Million	Total project Area : 2,400,000 m ²	Shaqraa	 جامعة شقراء Shaqraa University




DESIGN



SUPERVISION



PROJECT MANAGEMENT

	Project Title	Project Description	Start Date	Completion Date	Value	Size	Location	Client
22	Zulfi College – Supervision for Education College, Faculty Building	Supervision – Buildings & Infrastructure	2015	2018	Construction Cost - Approximately SAR 116 Million	Total project Area : 900,000 m ²	Zulfi	 جامعة المجمعة Majmaah University
23	Najran Ministry of Health Residential Compound	Supervision – Buildings & Infrastructure	2012	Service Completion Date – February 2015	Construction Cost - Approximately SAR 180 Million		Najran	 وزارة الصحة Ministry of Health
24	Said Al Shohadaa Mosque	Interior Design & Supervision	2012	Service Completion Date – December 2013	Construction Cost - Approximately SAR 70 Million	Area: 9,000 m ² with capacity of 15,000 people	Al-Madinah Almonwra	Prince Abdulaziz Bin Fahad
25	Masterplan, Studies and Design for Flood water Management in Wadi Aldwasser, Aflaj & Alsulai in Riyadh Area	Study and Design	2013	2015	Study Cost - Approximately SAR 9 Million	Project Area: 160,000 km ² Study Area: 380,500 km ² Living Area: 5,000 km ²	Riyadh Region	 الرياض Alriyadh Municipality
26	Preparing a Comprehensive Strategic Plan for Rainwater Drainage and Prevention of Flood Hazards for Taif Region and its Municipalities	Study and Design	2018	On-Going	Study Cost - Approximately SAR 11.73 Million		Taif Region	 أمانة الطائف TAIF MUNICIPALITY
27	Preparing a Comprehensive Strategic Plan for Rainwater Drainage and Prevention of Flood Hazards for Hail Region and its Municipalities	Study and Design	2019	On-Going	Study Cost - Approximately SAR 9.3 Million		Hail Region	 أمانة منطقة حائل HAIL REGION MUNICIPALITY



DESIGN

SUPERVISION

PROJECT MANAGEMENT

	Project Title	Project Description	Start Date	Completion Date	Value	Size	Location	Client
28	Design, Implementation sign, Build and Operation of Potable Water Plants in four Industrial Cities, Saudi Authority for Industrial Cities and Technology Zones (MODON)	Supervision – Design Review, Site Supervision and Operations	2016	2020	CONTRACT VALUE: SAR 10.39 million		Riyadh Durma Al-Ahsa Ha'il	
29	Al Majmaah University PMO	Project Management Consulting Service	2015	Service Completion Date – December 2017		Provide consulting services to project management at the general administration for projects and technical affairs.	Al Majmaah	
30	Bisha University - Engineering Consultancy Services	Project Management - Engineering Consulting Service	2019	On Going		Provide engineering consultancy services for all current and new projects (Buildings and Infrastructure)	Bisha	
31	Hail Municipality - Supervision Services	Supervision	2019	On Going		Provide engineering consultancy services for all current and new projects in Hail Municipality and Sub-Municipalities (Public Buildings, Roads & Bridges, Projects of Ward Off Dangers of Torrents, Landscape Works, Public Facilities, etc..)	Hail	
32	Project Management - Finished Goods Warehouse and Tank Farm in Yanbu	Project Management & Supervision	2019	On Going	Construction Cost - SAR 25,850,000 Million	Perform project management services for paint manufacturing facility to be constructed in Industrial Yanbu, KSA	Yanbu	









DESIGN



SUPERVISION



PROJECT MANAGEMENT

	Project Title	Project Description	Start Date	Completion Date	Value	Size	Location	Client
33	MARAFIQ In-Kingdom Consultancy for Project Management Services (PMC)	Project Management Consulting Service	2017	2020		Provide consulting services for the operation and maintenance, management, construction, developments and expansion of the utility systems for sea water cooling, treated, desalinated water, wastewater and power systems at Jubail and Yanbu Industrial Cities.	Jubail & Yanbu	
34	Technical & Consulting Support for the Maintenance & Projects Section in Agricultural Development Fund	Technical & Consulting Service	2020	On-Going			Riyadh	
35	PMC Service for the Replacement of Central Air Conditioning system for the Main Building of the Ministry of Commerce and Investment - Riyadh	Supervision – Site Supervision, PMO, Project Management	2019	2020			Riyadh	
36	Sulaiman Al-Rajhi University Housing	Design – Buildings	2018	2019		Estimated Area for 5 Buildings: 35,000 m ²	Riyadh	
37	Madinah Region Development Authority MDA - Architectural Ideas Design Competition To design The Hadith Narrators Museum, Madinah	Conceptual Design	2019	2019		Design for The Hadith Narrators Museum	Madinah	
38	CCHI Headquarters	Interior Design	2013	Service Completion Date – 2014		15 Story Tower in King Fahad Road	Riyadh	



DESIGN

SUPERVISION

PROJECT MANAGEMENT

	Project Title	Project Description	Start Date	Completion Date	Value	Size	Location	Client
39	Al Majmaah University & Zulfi College – Site and Landscape Development Project	Design – Infrastructure	2016	Service Completion Date – December 2016	On Hold	Al Majmaah University Area – 5,063,000 m ² Zulfi College Area – 26,284 m ²	Al Majmaah	 جامعة المجمعة Majmaah University
40	King Faisal University – Design for College of Law and Library College for Women	Conceptual Design	2015	Service Completion Date – 2015		2 Buildings	Al Ahsa	 King Faisal University جامعة الملك فيصل
41	Multi Storey Car Parking – King Abdulaziz International Airport	Design – Buildings	2012	Service Completion Date – June 2014	Construction Cost - Approximately SAR 75 Million	Approximate Area: 40,000 m ²	Jeddah	 الجمارك السعودية SAUDI CUSTOMS
42	King Khalid International Airport Mall	Conceptual Design	2015	2015			Riyadh	 GACA الهيئة العامة للطيران المدني General Authority of Civil Aviation
43	Highway Rest Area and Facilities with Fuel Station Project	Conceptual Design	2015	2015			Riyadh	 وزارة المالية Ministry of Finance
44	38 Sports and Leisure Clubs – Site Survey & Studies	Site Survey & Studies	2016	2017	On Hold		Kingdom Wide	 وزارة الرياضة Ministry of Sports
45	SABIC Housing Project - Industrial Yanbu	Conceptual Design	2014	2014			Yanbu	 سابك SABIC
46	Private Villa	Design – Villas	2014	2014			Abha	Private Sector



البواردي
للاستشارات الهندسية
alwardi
Engineering Consulting

**INTERNATIONAL
PARTNERS**

Date: February 5, 2017

التاريخ: 2017/2/5م

Subject: Partnership between Stantec, and Al Bwardi Engineering Consulting.**الموضوع : اتفاقية تعاون وشراكة بين شركة ستانتيك Stantec والبواردي للاستشارات الهندسية**

To Whom it may concern,

إلى من يهمه الأمر:

Stantec, is one of the World's leading companies that provides engineering, consulting, and design services to both public and private clients in the areas of land development, buildings, transportation, water infrastructures and the environment.

شركة ستانتيك Stantec واحدة من الشركات الرائدة في العالم والمتخصصة في أعمال الخدمات الاستشارية والتصاميم لمشاريع القطاع العام و الخاص فيما يخص المباني والإسكان وتطوير الأراضي والبيئة و الطرق وكذلك مشاريع المياه والبنية التحتية.

Stantec, has over 22,000 employees working in over 400 locations across six continents; all serving clients and delivering the most complicated projects all over the world. They have mastered the entire spectrum of the project delivery and refined the services in the highest quality to their clients.

يبلغ عدد موظفين شركة ستانتيك ٢٢,٠٠٠ موظف موزعين على ٤٠٠ موقع في ستة قارات مختلفة, مع قاعدة عملاء عريضة على مستوى العالم , شاركنا في كثير من المشاريع الضخمة حول العالم ونقوم بتسليم المشاريع بأعلى المستويات من حيث الجودة لإرضاء نظرة العملاء.

Stantec, and Abdulaziz S. Albwardi (CEO) on behalf of Albwardi Engineering Consulting are actively progressing the formation of a partnership company in the Kingdom of Saudi Arabia to pursue and execute projects, including the preparation and submission of proposals.

نحن نفيديكم بأن لدينا إتفاقية تعاون مع البواردي للاستشارات الهندسية بإدارة المهندس / عبد العزيز بن سعد البواردي، لتعزيز العلاقة بيننا في مشاريع المملكة العربية السعودية يتم بموجبها البحث عن فرص جديدة والتعاون في إعداد وتقديم العروض والمناقصات لتقديم إستشارات هندسية عالية الجودة.

The legal formalities are ongoing and this will be the cornerstone for the continuous professional partnership between the Stantec, and Al Bwardi.

نحن حالياً في المراحل المتقدمة من إجراءات إنشاء وتكوين شركة هندسية مهنية مختلطة بين شركة ستانتيك Stantec والمهندس / عبد العزيز بن سعد البواردي لتعزيز هذا التعاون وتحويله إلى شراكة دائمة.

Sincerely,

وتفضلوا بقبول وافر الاحترام والتقدير،



Khaled Helali, Ph.D., P.Eng.

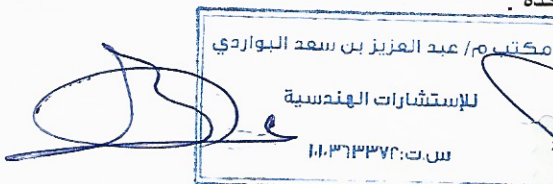
Senior Principal, Managing Leader - UAE

Stantec International Inc.

Phone: +971-4-812-5052

Cell: +971-56-417-6725

khaled.helali@stantec.com



د. خالد هلال
المدير العام الإقليمي - الامارات العربية المتحدة
لشركة ستانتيك





MWH[®]
BUILDING A BETTER WORLD

now
part of



Stantec

The MWH community, now part of Stantec, unites approximately 22,000 employees working in over 400 locations across six continents. We collaborate across disciplines and industries to bring water and infrastructure projects to life. Our work as architects, engineers, and consultants from initial project concept and planning through design, construction, and commissioning begins at the intersection of community, creativity, and client relationships. This work is built on a nearly 200-year history. With a heritage in water, our world's most precious resource, we safeguard and sustain lives, communities, and businesses worldwide.

ENR
Engineering News-Record

*Stantec is ranked
as one of the Top 10
Global Engineering
Consulting Firms
according to
Engineering News-
Record Magazine (ENR)*

With nearly 200 years of recognized industry history, MWH has supported some of the world's most technically significant water and natural resource infrastructure projects, including:

- Serving as the lead designer on the Panama Canal Third Set of Locks Project in Panama;
- Providing asset management, design, and construction strategies, as part of an alliance of industry-leading organizations, for the Thames Water Asset Management Programme 6 in the United Kingdom; and
- Serving as the construction manager for the Austin Water Treatment Plant No. 4 in Texas, United States which effectively treats 50 million gallons (over 189 million litres) of water daily from nearby water sources.

Since our founding in 1820, we have engaged in the engineering, construction, and management of some of the largest and most technically advanced wet infrastructure, hydropower, mining and transportation projects for municipalities, governments and multinational private corporations throughout the world. Through our involvement in wet infrastructure and water engineering projects, the role of MWH is to help manage water purity and availability in a sustainable fashion for the health, livelihood and security of people worldwide.

Our highly experienced team of nearly 8,000 professionals operates on six continents and provides innovative, sustainable solutions to some of the most challenging projects in communities around the world. We are, and will remain, a dominant global player because we are focused from top to bottom – without distraction – in the sectors we service, from water infrastructure and transportation infrastructure to construction engineering and mining services.

We have gone to great lengths over the course of our growth to achieve the gold standard of the wet infrastructure sector. Engineering and construction are only part of what we do as a leading global company. We are also leaders, managers, consultants, policy and project advocates, information technology wizards, economists, statisticians, public relations professionals and financial experts. The challenges are daunting, but we are ready for the task. We are proud to be the global go-to provider of wet infrastructure, planning, design, construction and management services projects.



Every hour of every day we utilize our management expertise and next generation software tools with utilities and industries of all sizes by sharing lessons learned and best practices from our projects around the world in more than 35 countries educating our clients on how to organize, plan, design and manage their assets more efficiently than ever before.

MWH has been a proud contributor to some the world's most significant wet infrastructure endeavors. Our global platform allows us to move the best technologies to the point of need; deliver projects efficiently by sharing instant global knowledge and repeatable solutions; and help clients better plan and manage their infrastructure, preserve natural resources and find more creative, low-cost, efficient ways to operate.

OUR SERVICES

Programme & Project Management

Our programme management approach brings together acute business organization, rigorous commercial management and technical expertise to ensure optimum delivery for our clients. MWH Project management teams are often our clients' single point of contact for designers, contractors and third party project participants across large wet infrastructure capital improvement programmes. We instill goals and implement best practice and standards whilst working quickly to integrate with our clients, helping them to achieve their objectives.

Environmental and Sustainability Services

MWH offers consultancy in the fields of sustainability and the environment, specifically focusing on soil, groundwater, the living environment, waste and climate change mitigation and adaptation. Complex issues demand an integrated approach and MWH has the capability to project manage large-scale projects for government authorities and project developers.

Engineering & Technical Services

Encompassing the entire spectrum of wet infrastructure services, our technical expertise extends from water sourcing and wastewater treatment to environmental and natural resources services. We have significant experience of developing signature designs for clients, utilizing standard components to meet their specific process and operational needs.

Management Consulting

MWH helps organizations to improve their performance, primarily through the analysis of existing business problems and development of plans for improvement. Our management consultants provide specialized support in coaching, skills development, technology implementation, strategy development, asset planning, data management and operational improvement services for more effective and efficient ways of performing business tasks.

Asset Management

Infrastructure assets form the backbones of our communities. Failure to adequately manage infrastructure assets is a key risk which prevents organizations from delivering services and achieving their strategic goals. MWH's industry knowledge and experience helps organizations with the process of identifying and managing a wide variety of environmental assets. Whether an individual concern or across an institution, efficient assets management is the key to maximizing financial return. A strategy to optimize asset performance is key to efficient investment planning, following the location and identification of assets as well as full and detailed analysis of the current performance.

Construction Management

Our success in construction management comes from establishing effective communication among project participants, resolving issues quickly and rigorous budget and schedule monitoring. Once construction is complete, our technical experts help our clients refine their processes and commission the facility to ensure timely and seamless start up.

وثيقة تضامن Association Agreement

It was agreed on Sunday, corresponding to date 11/10/2015 A.C ,This contract is duly made by and between:

بمعون الله تعالى، تم الاتفاق في يوم (الاحد) بتاريخ ١٤٣٥/٨/٣ هـ الموافق ٢٠١٥/١٠/١١، بين كل من :-

The First Party : Artelia International –
B.O. Box 18271
Dubai, U.A.E
Tel: +97148865690, Fax: +9718865691
represented by Jorge Trindade , Australian
nationality, holding passport No. (E407708) Dubai

الطرف الأول: شركة أرتيليا انترناشيونال الفرنسية ومقرها الإقليمي في الشرق الأوسط الإمارات العربية المتحدة – دبي- ص.ب. ١٨٢٧١ جبل علي هـاتف: +٩٧١٤٨٨٦٥٦٩٠ فاكس: +٩٧١٤٨٨٦٥٦٩١ ويمثلها جورج ترينداد أسترالي الجنسية ويحمل جواز سفر رقم (E٤٠٧٧٠٨) دبي.

The Second Party : Al Bwardi Engineering Consulting –Riyadh, KSA, Registration No. (1010363372)
P.O. Box 8433 – Riyadh 11482
Tel: 00966112019898, Fax: 00966112019696
represented by Abdulaziz Al Bwardi, Saudi
nationality, holding ID No. (1007821208) Riyadh

الطرف الثاني: البواردي للاستشارات الهندسية ترخيص رقم: ١٠١٠٣٦٣٣٧٢ ومقره الرياض – المملكة العربية السعودية ص.ب. ٨٤٣٣ – الرياض ١١٤٨٢ هـاتف: ٠٠٩٦٦١١٢٠١٩٨٩٨ فاكس: ٠٠٩٦٦١١٢٠١٩٦٩٦ ويمثلها المهندس عبد العزيز البواردي، سعودي الجنسية ويحمل هوية رقم (١٠٠٧٨٢١٢٠٨)

Booting: Whereas the Parties desires to engage in solidarity projects raised in Kingdom of Saudi Arabia as partners in solidarity, according to the following items:

تمهيد: حيث أن الطرفان لديهما الرغبة في التضامن للدخول للمشاريع المطروحة بالمملكة العربية السعودية كشريكين متضامنين وفقاً للبند التالية:

Item. (01): The Boot above is an integral part of this document, and its complement.

البند الأول: يعتبر التمهيد الوارد أعلاه جزءاً لا يتجزأ من هذه الوثيقة، ومكملاً لها.

Item. (02): The parties will combine to bear the full responsibility and rights for the works' implementation and services required in the projects to the owner of the project, the parties will complete the contracting procedures and the signing of the contract agreed projects, which agreed on solidarity with the parties.

البند الثاني: سيقوم الطرفان مجتمعان بتحمل كامل المسؤولية والحقوق عن تنفيذ الأعمال والخدمات المطلوبة في المشاريع أمام مالك المشروع ، وسيقوم الطرفان باستكمال إجراءات التعاقد، وتوقيع العقد للمشاريع المتفق عليها داخلياً والتي يتفق على التضامن فيها الطرفان.

وثيقة تضامن Association Agreement

Item. (03): The parties agreed on the nomination of the legal representative of them in front of the Project's Owner Mr. Abdulaziz Al Bawardi.

البند الثالث: اتفق الطرفان على تسمية الممثل القانوني لهما امام مالك المشروع وهو م. عبدالعزيز البواردي.

Item. (04): The parties agreed on the correspondence of this project to the Second party's address which is:
The Kingdom of Saudi Arabia
P.O. Box. 8433 - Riyadh 11482,
Phone: 00966112019898 fax: 00966112019696.

البند الرابع: اتفق الطرفان على أن تتم المراسلات للمشاريع على عنوان الطرف الثاني وهو:
المملكة العربية السعودية ص. ب. ٨٤٣٣ - الرياض ١١٤٨٢ هاتف: ٠٠٩٦٦١١٢٠١٩٨٩٨ فاكس: ٠٠٩٦٦١١٢٠١٩٦٩٦

Item. (05): This document signed in duplicate, and five items, each party have a copy of it.

البند الخامس: وقعت هذه الوثيقة من نسختين، وخمسة بنود، مع كل طرف نسخة منها.

First Party

Artelia International

Jorge Trindade

Second Party

Al-Bwardi Engineering Consulting

Abdulaziz Al-Bwardi

الطرف الأول

أرتيليا انترناشيونال

جورج ترينداد

الطرف الثاني

البواردي
للاستشارات
الهندسية

م.عبدالعزيز البواردي

ARTELIA
International
SAS au capital de 7 900 100 €
SIREN 339 376 733 RCS Bobigny
2 avenue François Mitterrand
93200 Saint Denis

البواردي
للاستشارات الهندسية
albwardi
Engineering Consulting
Riyadh License No. 3391




SOGREAH

GROUPE ARTELIA

Artelia is the result of a merger between Coteba and Sogreah. The goal of this coming together of equals is to build a leading European engineering firm able to offer its clients in the public and private sectors an original approach to engineering, project management and consultancy that meets the expectations of a fast-changing world.

First and foremost, Coteba and Sogreah are endowing Artelia with their invaluable human capital. In both companies the human resources have become a fundamental corporate value and a priority in terms of investment. Artelia will be deploying the skills of 2500 employees throughout the world. Sogreah and Coteba are endowing Artelia with a range of business lines and activity sectors that complement each other perfectly. Services that incorporate the know-how of both Coteba and Sogreah will be of a quality that clients now come to expect.

Coteba and Sogreah are endowing Artelia with a combined network of worldwide offices, placing the new group in close contact with its clients in nearly 100 locations. Sogreah and Coteba are providing Artelia with an extremely healthy financial situation and significant capacity to invest and grow, enabling the new group to set its sights on becoming a focal point for engineering. Lastly, Coteba and Sogreah have a common set of values and share the same professional ethics. These will enable the merger to start producing concrete results rapidly. They are also the basis for Artelia's strong and affirmative commitment to its social and environmental responsibilities in performing its consultancy work.

OUR BUSINESS LINES

Engineering

In managing building or infrastructure construction projects for both public and private clients, Artelia provides design, planning, organisation and works supervision services, using state-of-the-art systems to meet Owners' expectations. Prior to construction, Artelia carries out assessments of existing structures and facilities, feasibility and planning studies and master plans. Artelia also provides assistance to Owners during the design and construction stages and acts as designer in the framework of design-build or public-private partnership projects. Lastly, Artelia provides assistance with the commissioning, operation and maintenance of structures.

Project management

Artelia supervises large-scale building and rehabilitation projects on behalf of investors. Artelia has developed sophisticated works supervision methods and commits itself to completion dates as well as cost and quality of delivery. Internationally, Artelia coordinates the construction of large infrastructure projects on behalf of public authorities, international funding agencies, private developers and industrial groups.

Consultancy and audits

Artelia's independence means that it is a preferred partner for consultancy and audit assignments. Artelia carries out technical and environmental studies, strategic, institutional, economic and financial studies and planning assignments, as well as assessments of public policies or private investments. Artelia is frequently commissioned by international institutions, banks, industries and private investors to perform due diligence audits of existing or future sites. Artelia also assists in outsourcing public utilities.



Turnkey services

Certain projects require a stronger commitment. Taking risks compatible with its financial solidity, Artelia may provide general contracting services for turnkey projects in certain sectors of activity. Artelia also acts as leading partner in the context of public-private partnership consortiums or Energy Performance Contracts.

OUR MAJOR ACTIVITY SECTORS

Buildings and industrial facilities

Artelia provides project construction management, engineering, consultancy services and assistance with operation and for all types of building, whether public (health, justice, education, research, defence, culture, sports, leisure, etc.), private (tower blocks, office buildings, hotel complexes, shopping centres, clinics, housing, etc.) or industrial (pharmaceuticals and cosmetics, energy, high-risk industries, laboratories, logistics, food processing, etc.). Artelia provides consultancy services for investors and property managers (due diligence, assessments). Lastly, Artelia deploys its full range of skills in renovating, creating and ensuring technical and/or statutory compliance for retail outlets (bank branch offices, shops, service stations, chain stores, etc.).

Urban development and transportation

Artelia provides engineering and project management services for urban and intercity transport systems (metros, tramways, buses, trains, high-speed lines, rail freight, etc.), the related infrastructure (bridges, viaducts, underground structures and tunnels, etc.) and the associated information systems. Artelia provides mobility solutions (transport plans, traffic studies, "soft" transport modes). Artelia takes part in urban and regional development schemes (roads, business parks, utility networks, public lighting, urban signage, etc.) and manages urban projects (eco-districts, urban renovation) in accordance with the principles of sustainability.

Water and environment

Artelia also acts as consultant in managing water resources, rivers, river basins and coastal areas, provides engineering services for hydraulic development schemes (dams, canals, locks, etc.) maritime schemes (ports and industrial terminals, coastal protection works) and urban schemes (drinking water and sewerage networks, water treatment, desalination and sewage treatment plants). Artelia provides solutions for managing natural risks (flooding, etc.), industrial and environmental risks (impact of infrastructure, household and industrial waste management, soil decontamination, asbestos removal, deconstruction, statutory compliance, etc.). Artelia develops renewable energy projects (hydro, solar, wind, geothermal, marine, etc.).

OUR AREAS OF EXCELLENCE

Buildings

Artelia supervises the construction of tower blocks and the complete renovation of old buildings, masters the complexity of a major hospital or trading room, organises the integration of an industrial production process in a controlled environment, plans asbestos removal operations and the high-risk deconstruction of complex buildings, works in all fields of technical engineering (structures, envelopes, heating, ventilation and air-conditioning, electricity and systems, sanitary and fluid technologies), anticipates statutory requirements and offers a commitment in terms of energy efficiency and safety.

Transport

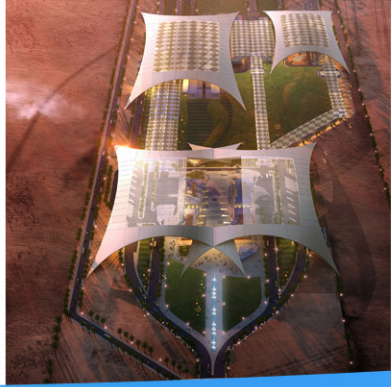
Artelia manages the construction of a metro line, designs a high-capacity tramway or bus system, defines the layout of a high-speed train line or motorway, forecasts traffic development and passenger or logistics flows, plans the development of a large port or large-capacity canal and the management of their interfaces with the environment, organises a multimodal hub, ensures the safety of a tunnel in a high-density urban area, develops signage, and renews information systems for both passengers and operators of public transport networks.

Cities

Artelia takes up the challenge of sustainable cities, redesigns urban areas and transport systems, reconciles urban development with mobility, defends urban organisation patterns that minimise pollution, deploys public transport systems, proposes network asset management services, imagines original stormwater sewerage solutions, supervises urban renovation projects, develops ecodistricts, business parks and public spaces, audits public property, proposes economic lighting management strategies, estimates the vulnerability, risks and resilience of urban systems, and proposes mitigating measures or adaptation solutions.

Infrastructure

Artelia has top-level expertise in complex civil engineering structures, designs high dams or large-capacity locks, helps to reorganise and rebuild road and motorway infrastructure in high-density urban areas, sizes viaducts and tunnels, supervises the construction of power plants, pumping stations and wastewater treatment plants, designs port structures or offshore wind farms, supervises the construction of rail hubs or large water supply systems and interconnects electricity or telecommunications networks.



Water

Artelia protects water resources to optimise their use, designs storage structures and transfer systems, as well as treatment and desalination plants, provides wastewater treatment and stormwater management solutions, ensures the safety of sea and river water intakes and outfalls, draws up integrated river basin, estuary and coastal management strategies, assists and evaluates public water-sharing and use policies, anticipates floods, storm surges by simulating their impacts and studies the safety of complex hydraulic structures in its laboratory or with specific computer programs.



Energy and climate

Artelia develops projects for hydro and photovoltaic power plants, wind farms and the exploitation of geothermal, biogas and biomass resources, innovates in the field of marine energy, proposes solutions for improving the energy efficiency of buildings, industrial sites and public facilities, promotes demand-side management, develops strategies for reducing greenhouse gas emissions, assesses the impacts of climate change, vulnerability and the corresponding costs, and proposes adaptation strategies.



Industry

Artelia designs specialised terminals, logistics hubs and complex industrial buildings, organises space, integrates production processes in controlled environments and guarantees operational reliability, verifies statutory compliance, ensures the efficiency and reliability of utilities (water, energy, fluid networks), proposes solutions to minimise environmental impacts (effluent, solid waste, air, noise, odours, etc.) deploys a multisite construction, renovation, upgrading or image rebranding policy, conducts due diligence audits for asset sales and acquisitions, draws up carbon footprint assessments and proposes carbon strategies.



Environment, risks, health, safety

Artelia assesses the environmental and social impact of a development scheme, defines mitigation and accompanying measures, ensures high environmental standards in property development schemes, conducts environmental audits of brownfield sites, proposes effective deconstruction, asbestos removal, waste and effluent management and soil decontamination strategies, confines industrial pollution, evaluates project-related risks, estimates vulnerability and natural, industrial and health hazards, offers assistance with disaster management, ensures fire safety in buildings, controls the risk of nosocomial diseases in hospitals and provides shiphandling training.





البواردي
للاستشارات الهندسية
albwardi
Engineering Consulting

**OUR
CLIENTS**



We are proud to have been trusted by the entities listed below. These are just some of clients we've had the privilege to work with.

GOVERNMENT SECTOR



وزارة المالية
Ministry of Finance

وزارة الاقتصاد والتخطيط
MINISTRY OF ECONOMY & PLANNING



وزارة البيئة والمياه والزراعة
Ministry of Environment Water & Agriculture
Kingdom of Saudi Arabia المملكة العربية السعودية



وزارة الدفاع
MINISTRY OF DEFENSE



وزارة الصحة
Ministry of Health



Ministry of Labor
and Social Development
Kingdom of Saudi Arabia



وزارة النقل
TRANSPORT MINISTRY



وزارة الرياضة
Ministry of Sport

GACA®
الهيئة العامة للطيران المدني
General Authority of Civil Aviation



GOVERNMENT SECTOR

الجمارك السعودية
SAUDI CUSTOMS



وزارة الشؤون
البلدية و القروية
Ministry of Municipal & Rural Affairs



أمانة الطائف
TAIF MUNICIPALITY

جامعة بيشة
UNIVERSITY OF BISHA



Alriyadh Municipality



أمانة منطقة حائل
HAIL REGION MUNICIPALITY

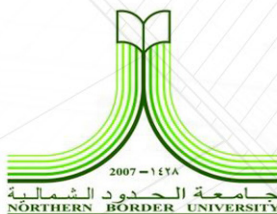


وزارة التعليم
Ministry of Education

وزارة التجارة والاستثمار
Ministry of Commerce and Investment



جامعة المجمعة
Majmaah University



جامعة الحدود الشمالية
NORTHERN BORDER UNIVERSITY



King Faisal University
جامعة الملك فيصل



جامعة شقراء
Shaqra University

جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY



جامعة الدمام
UNIVERSITY OF DAMMAM



SEMI-GOVERNMENT SECTOR

الهيئة الملكية للجبيل وينبع
Royal Commission for Jubail & Yanbu



الهيئة السعودية للمدن الصناعية ومناطق التقنية
Saudi Industrial Property Authority



شركة المياه الوطنية
National Water Company



مرافق
MARAFIQ

PRIVATE & PUBLIC SECTOR

— رزا | RAZA —
الرائدة
AL RA'IDAH



كليات سليمان الراجحي
SULAIMAN ALRAJHI COLLEGES

JOTUN

سابك
SABK



البواردي
للاستشارات الهندسية
albwardi
Engineering Consulting

OUR POLICIES



POLICY 1: CORPORATE CODE OF ETHICS

Preamble

This set of standards constitutes Albwardi Engineering Consulting's Code of Ethics (Code), which represents our current ethical consensus regarding the maintainable ethical level of business conduct, as ascertained and approved by the Board of Directors. Some of the standards supplement ethics-related provisions of various Company policies and procedures, but the standards take precedence in matters of interpretation and compliance. Changes in the Code are to be recommended exclusively by the Audit Committee.

Standard 1

It is the policy of Albwardi Engineering Consulting to comply strictly in all respect with all-applicable laws and regulations. Diligent observance of the law is a requirement from which there can be no exception. Supervisors must make sure that all applicable laws are known by them and by the personnel under their supervision.

Standard 2

It is the overall policy of Albwardi Engineering Consulting to organize and carry out its activities towards the goal of a sustainable successful performance in the best interest of shareholders and other constituencies, with an overriding concern for observance of the highest ethical principles as they apply to business policies and practices.

Standard 3

Albwardi Engineering Consulting will promote fair competition and candid treatment of its customers or clients. Integrity of information communicated in soliciting business or in marketing products and services is the obligation of all those involved in such efforts, including Albwardi Engineering Consulting -authorized nonemployee representatives, dealers, and contractors. No one is authorized to make a promise or commitment that Albwardi Engineering Consulting cannot or does not intend to meet.

Standard 4

Albwardi Engineering Consulting's continued success and good reputation depend on a consistently reliable high-quality performance of its employees in every situation and under all circumstances. Every employee should have the working knowledge and competence needed to achieve and maintain satisfactory performance. No employee should knowingly be given an assignment involving unwarranted ethical, physical, or professional risks.

Standard 5

Albwardi Engineering Consulting Employees are expected to uphold the spirit as well as the letter of the Code and be guided by the Code in all business dealings and relationships-toward one another, with government, shareholders, customers, suppliers, competitors, community, and everyone else affected by their behaviour or performance in any way or to any degree.

Standard 6

Any information developed or acquired by Albwardi Engineering Consulting is proprietary and should be safeguarded and used, like any other Company property, solely for the proper conduct of Albwardi Engineering Consulting's business. All information pertaining to Albwardi Engineering Consulting's business that an employee obtains in the course of his or her employment is confidential unless Albwardi Engineering Consulting has made such information public. Unauthorized disclosure is prohibited. Any employee who is uncertain whether something is confidential should presume that it is. No employee should attempt to obtain confidential information that does not relate to his or her employment duties.



POLICY 2: QUALITY POLICY

General policy

Albwardi Engineering Consulting recognizes that the maintenance of defined quality standards in all aspects of performance is critical to our success. As part of our Total Quality approach we are committed to a quality policy, which will assure our customers that our business as a whole achieves a recognized standard of performance.

Albwardi Engineering Consulting recognizes that the maintenance of defined quality standards in all aspects of performance is critical to our success. As part of our Total Quality approach we are committed to a quality policy, which will assure our customers that our business as a whole achieves a recognized standard of performance.

We will invest as appropriate in equipment, technology and people to provide our customers with a cost effective solution to their requirements whilst not affecting quality.

Seven-Point Quality Policy

Albwardi Engineering Consulting Quality Policy as defined below, underpins this commitment:

- *Customer Focus*

All systems and procedures will be designed to ensure that Customer requirements will be fully understood and satisfied first time.

- *Supplier relationships*

Supplier Quality Management will be based upon Albwardi Engineering Consulting internal processes and on a partnering approach to obtain defect free Products & Services every time

- *Continuous improvement*

Achievement of the required quality standard is a core responsibility of every employee. Each member of staff is given the opportunity to contribute to the continuous improvement program.

- *Processes and systems*

Quality Management activities will be planned and based upon minimizing risk and eliminating errors.

- *Involving People*

Albwardi Engineering Consulting will develop our employee's skills and increase their contribution through effective leadership, motivation and training.

- *Quality Management System*

Albwardi Engineering Consulting will comply with the requirements of the Quality Management System as well as continually improving its effectiveness

- *S.M.A.R.T Objectives & measures*

We will establish and communicate meaningful quality objectives and performance targets (KPI's) to all staff and drive continuous improvement.



THE CERTIFICATION

INTERNATIONAL

CERTIFICATE OF REGISTRATION

This is to certify that

ALBWARDI ENGINEERING CONSULTING

P.O. Box 8433, Bahrain Tower, King Fahad Road,
Riyadh 11482, Kingdom of Saudi Arabia.

has implemented a

Quality Management Systems

which has been assessed for conformance with

ISO 9001:2015

and has been found to be in compliance.

Scope of Registration:

Engineering Consulting, Design, Supervision, Project
Management and Facility Management.

Certificate No:

Issued:

Valid through 1st Surveillance:

Certified since:

Q-0375

19/01/2023

19/01/2024

30/03/2017



TCI

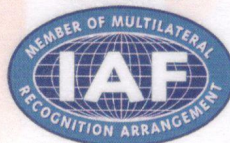


This certificate is the property of The Certification International and remains valid until Jan. 2026, 18, subject to timely and successful completion of surveillance audits as indicated above. To verify certification status:
<https://tciglobe.com/data/>

Director :



CB-MS-501



The Certification International

www.tciglobe.com . info@tciglobe.com
18436 Hawthorne Boulevard, Suite 108
Los Angeles, California | USA





POLICY 3: HEALTH & SAFETY POLICY

Introduction

This document defines the Health & Safety Policy of Albwardi Engineering Consulting.

Health and Safety is a fundamental consideration for Albwardi Engineering Consulting. It is part of everyday working both with activities inside the office and on every project. There is both a legal and professional responsibility by Albwardi Engineering Consulting staff to ensure understanding and application of health and safety principles at all times.

This Health and Safety policy sets out the standards and principles for the practice. It is important that all staff familiarize themselves with the contents and ensure that they refer to it when appropriate. If staff are in any doubt over the application or requirements at any time they must ensure that issues are discussed with their line manager or a senior member of staff. Overriding principles all staff should:

- Ensure they understand the contents of this document and when to apply them.
- Look out for their own safety first and ensure they never put themselves at risk.
- Ensure that they understand what is required of them and compliance with Albwardi Engineering Consulting's policies.

POLICY STATEMENT

General policy

To issue this Health and Safety Policy to all staff and to new staff members and to issue further or revised guidance from time to time on safety matters affecting Albwardi Engineering Consulting. Staff are required to read the policy thoroughly and sign the relevant documentation confirming receipt of the issue/revision.

To consult with staff on matters affecting their health and safety and to provide the opportunity to raise health and safety matters at any time.

To receive proposals from staff, jointly or individually, for improving the effectiveness of these procedures and policies. To regularly monitor and revise this policy and health & safety system as necessary [and/or annually], particularly as the business changes in nature and size.

The Policy in relation to individual staff

To provide healthy and safe working conditions for staff and for the safety of clients or other members of the public who may visit the premises.

To operate this policy in conjunction with the safety policies of the landlord of any property occupied by Albwardi Engineering Consulting.

To give adequate information, instruction, training and supervision to staff on all aspects of their work to ensure, as far as reasonably practicable, their health and safety at work including the safe handling and use of any equipment and hazardous substances.

To provide and maintain, where necessary, protective clothing and equipment and hard hats in accordance with the Construction (Head Protection) Regulations 1989 (SI No. 2209)

To record all accidents/injuries and notify any major accidents/injuries or work related diseases to the enforcing authority in accordance with current regulations – Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR 95)



The Policy in relation to professional functions

To provide adequate control of the health and safety risks arising from Albwardi Engineering Consulting's work activities.

To comply with the requirements of Section 6 of the Health and Safety at Work etc Act 1974 and the Construction (Design and Management) Regulations 2007 (SI No. 320) that the design and specification of construction, demolition or installation work and the manner of its execution shall be such that safe working conditions are possible for all during the construction phase or after completion.

To obtain from Clients details of existing hazards or safety policies affecting their specific projects.

To encourage staff to report health and safety hazards to the General Manager.

To require clients or contractors to discharge in full their duty of care under the Act to staff of Albwardi Engineering Consulting's visiting or out-posted to clients' property or construction sites.

Organization and Responsibilities

The Directors are the overall responsibility the Health and Safety Policy of Albwardi Engineering Consulting.

The General Manager, Eng. Abdulaziz Albwardi, is responsible for implementation of the Health and Safety Policy.

It should be noted, however, that neither are personally responsible for the personal health and safety of staff.

Employers requirements under the Health and Safety at Work etc Act are covered under Section 2 and 3.

Section 2(1) of the Act states:

'It shall be the duty of every employer to ensure, so far as is reasonably practicable, the health, safety and welfare at work of all his employees.'

Section 3(1) of the Act states:

'It shall be the duty of every employer to conduct his undertaking in such a way as to ensure, so far as is reasonably practicable, that persons not in his employment who may be affected thereby are not thereby exposed to risks to their health or safety.'

Members of staff also have responsibilities to co-operate in meeting statutory duties under the Health and Safety at Work etc Act and to take reasonable care of their own health and safety and that of any other persons who may be affected by their acts and omissions.

Section 7 of the Act reads as follows:

'it shall be the duty of every employee while at work:

- To take reasonable care for the health and safety of himself and of other persons who may be affected by his acts or omissions at work; and
- As regards any duty or requirement imposed on his employer or any other person by or under any of the relevant statutory provisions, to co-operate with him so far as is necessary to enable that duty or requirement to be performed or complied with.'
- *'No person shall intentionally or recklessly interfere with or misuse anything provided in the interests of health, safety or welfare in pursuance of any of the relevant statutory provisions.'*



THE CERTIFICATION

INTERNATIONAL

CERTIFICATE OF REGISTRATION

This is to certify that

ALBWARDI ENGINEERING CONSULTING

King Fahad Road, Bahrain Tower, 7th Floor, Olaya District, Riyadh,
Kingdom of Saudi Arabia.

has implemented a

Occupational Health & Safety Management Systems

which has been assessed for conformance with

ISO 45001:2018

and has been found to be in compliance.

Scope of Registration:

**Engineering Consulting, Design, Supervision, Project
Management and Facility Management.**

Certificate No:

O-01279

Issued:

16/11/2022

Valid through 1st Surveillance:

16/11/2023

Certified since:

16/12/2019

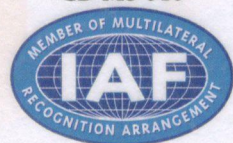


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CB-MS-510



The Certification International

www.tciglobe.com . info@tciglobe.com
18436 Hawthorne Boulevard, Suite 108
Los Angeles, California | USA





POLICY 4: SUSTAINABILITY POLICY

Albwardi Engineering Consulting is committed to promoting sustainability. Concern for the environment and promoting a broader sustainability agenda are integral to Albwardi Engineering Consulting's professional activities and the management of the organization. We aim to follow and to promote good sustainability practice, to reduce the environmental impacts of all our activities and to help our clients and partners to do the same.

Principles

Our Sustainability Policy is based upon the following principles:

- To comply with, and exceed where practicable, all applicable legislation, regulations and codes of practice.
- To integrate sustainability considerations into all our business decisions.
- To ensure that all staff are fully aware of our Sustainability Policy and are committed to implementing and improving it.
- To minimize the impact on sustainability of all office and transportation activities.
- To make clients and suppliers aware of our Sustainability Policy, and encourage them to adopt sound sustainable management practices.
- To review, annually report, and to continually strive to improve our sustainability performance

Practical steps

In order to put these principles into practice we will:

Travel and meetings

Where practicable Albwardi Engineering Consulting staff will walk, cycle and/or use public transport to attend meetings, site visits etc, apart from in exceptional circumstances where the alternatives are impractical and/or cost prohibitive.

Include the full costs of more sustainable forms of transport in our financial proposals, rather than the least cost option which may involve travelling by car or air. Where the only practical alternative is to fly, we will include costs for full air fares rather than budget airlines in our financial proposals.

Avoid physically travelling to meetings etc where alternatives are available and practical, such as using teleconferencing, video conferencing or web cams, and efficient timing of meetings to avoid multiple trips. These options are also often more time efficient, while not sacrificing the benefits of regular contact with clients and partners.

Reduce the need for our staff to travel by supporting alternative working arrangements, including home working etc, and promote the use of public transport by locating our offices in accessible locations.

Use an emissions recording scheme for business travel to monitor our impact.

Purchase of equipment and consumption of resources

Minimize our use of paper and other office consumables, for example by double-siding all paper used, and identifying opportunities to reduce waste.

As far as possible arrange for the reuse or recycling of office waste, including paper, computer supplies and redundant equipment.



Reduce the energy consumption of office equipment by purchasing energy efficient equipment and good housekeeping.

Seek to purchase electricity from a supplier committed to renewable energy. Seek to maximize the proportion from renewable energy sources, whilst also supporting investment in new renewable energy schemes.

Ensure that timber furniture, and any other timber products, are recycled or from well-managed, sustainable sources and are Forest Stewardship Council (FSC) certified.

Purchase fair-trade and/or organic beverages.

Working practices and advice to clients

Undertake voluntary work with the local community and / or environmental organizations and make donations to seek to offset carbon emissions from our activities.

Ensure that any associates that we employ take account of sustainability issues in their advice to clients.

Include a copy of our Sustainability Policy in all our proposals to clients.



POLICY 5: PROFESSIONAL & TECHNICAL TRAINING POLICY

Introduction

Albwardi Engineering Consulting recognize the changing nature of work and the workplace environment. Rapid change requires a skilled, knowledgeable workforce with employees who are adaptive, flexible, and focused on the future.

Albwardi Engineering Consulting, sees developing our staff as one of our key responsibilities. To further that aim Albwardi Engineering Consulting will:

- Encourage growth and career development of employees by coaching, and by helping employees achieve their personal goals at Albwardi Engineering Consulting and beyond by providing adequate training... Encouragement of staff development, and opportunities for growth.

Albwardi Engineering Consulting recognizes that employee development requires a shared responsibility among Albwardi Engineering Consulting, Human Resource Department, and the employee. In this partnership:

Albwardi Engineering Consulting Management

- Ensures that policies and programs facilitate the continuing development of staff.

Human Resource Department

Work with staff to: assess and provide feedback on their skills and interests; select training and development activities that match their career development objectives and job needs; use the Professional & Training policy as a tool to tell employees about training and development opportunities and to create an annual development plan; stay informed of current policies and practices that support employee development; follow up with employees after a learning activity to integrate new skills and knowledge into their responsibilities

The employee

Takes initiative to assess skills and interests and seek development activities that match needs; works with Human Resource Department to identify training and development objectives

Most employee development and training programs fall under the following categories:

- Management Development;
- Career Development; Basic Skills;
- Professional Skills;
- Technical Training;
- Supervisory Skills

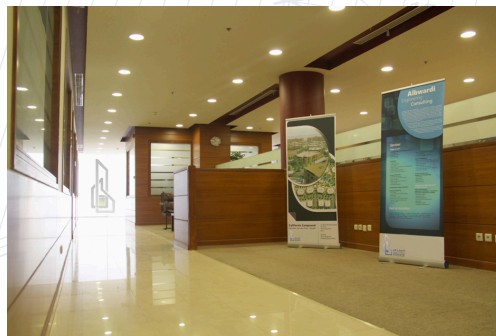
Albwardi Engineering Consulting believes their support of training and development creates a “Win” for the employee and for the workplace, as they will have:

Employees with upgraded skills, working to their full potential and equipped to deal with the changing demands of the workplace; employees with higher morale, career satisfaction, creativity, and motivation; increased productivity and responsiveness in meeting departmental objectives



البواردي
للاستشارات الهندسية
albwardi
Engineering Consulting

RIYADH BRANCH - HEAD OFFICE



7th Floor, Bahrain Tower, King Fahad Road, Olaya District,
Kingdom of Saudi Arabia

P.O. Box 8433 Riyadh 11482

Tel.: 966 11 201 - 9898 | Fax: 966 11 201 - 9696

Whatsapp No.: 056 2019898

Applicants: visit and drop your CV at www.aalbwardi.com/careers

Inquiries: info@aalbwardi.com

Website: www.aalbwardi.com

KHOBAR BRANCH

Al Mira Tower 4F Room # 29 Dharan St., beside Dosary Tower,
Thoqbah, Al Khobar

+966 13 8905153

YANBU BRANCH

Yanbu industrial city
Alnowah district- Radwah street
Contact: Eng. Abdulmuhsen
Mobile: +966 50 867 0248