



SUSTAINABLE SOLUTIONS
FOR A BETTER WORLD

www.aawholding.com

AAW Consulting Engineers is an independent multidisciplinary firm established by its founder, Dr. Ahmed Abdel-Warith, in 1957, in Cairo, Egypt. Since its establishment, AAW serves the national developments in Egypt, Middle East and Africa countries, by providing professional engineering consultancy services in different fields of specialization including Urban & Regional Planning, Integrated Infrastructure, Housing, Water Supplies & Sewerage, Roads, Highways, Bridges, Airports, Power Supply, Industrial Facilities, Irrigation and Drainage, and Land reclamation. AAW is the first infrastructure firm consulting firm in Egypt with an international operation experience of over 65 years.



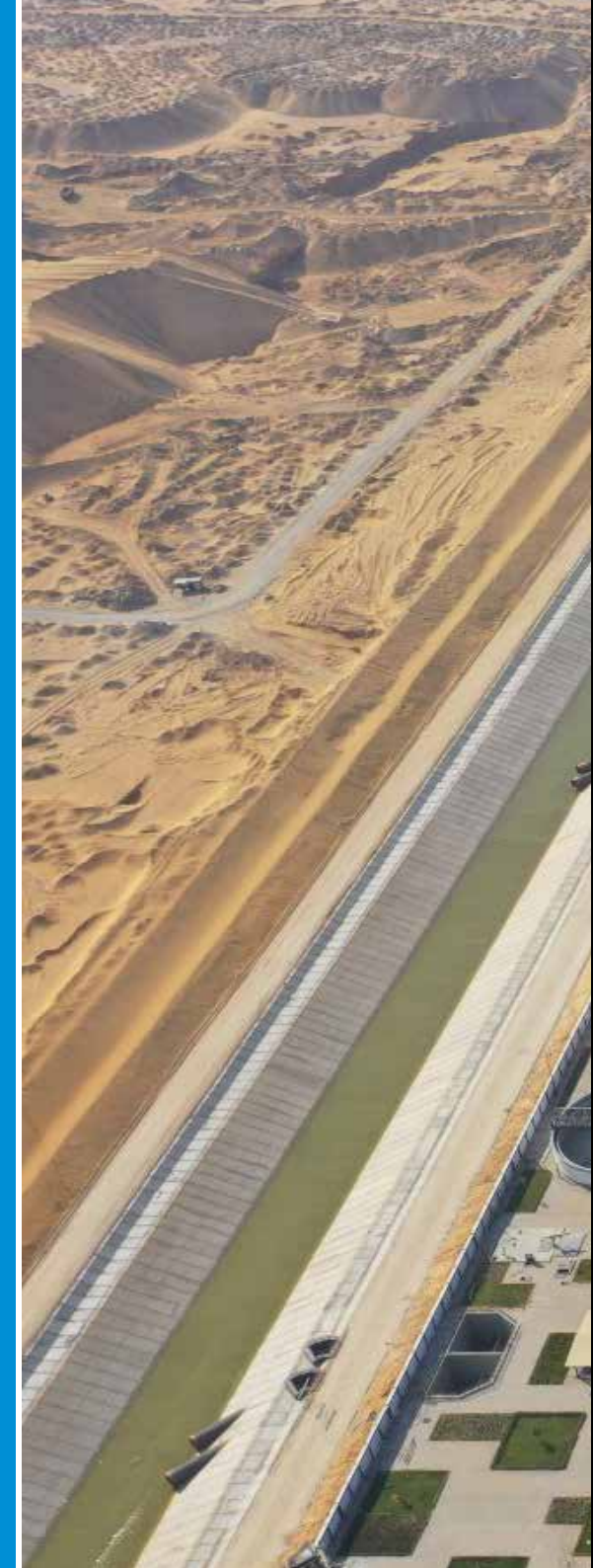
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Making a Difference

Over 300 million people, living in hundreds of cities, towns and villages are currently served by projects and facilities designed by AAW. The scale and scope of our work spans over 65 years of efforts for our clients, brought forth by the most competent engineering experts in their field. Let us make a difference for you.



AAW is an independent Consulting Engineering Joint-stock Company (member of AAW Holding) established in 1957 in Cairo, Egypt, to serve the national developments in Egypt, Middle East and African countries by providing Professional Engineering Services for; Urban & Regional Planning, Integrated Infrastructure, Housing, Water Supplies & Sewerage, Roads, Highways, Bridges and Airports, Power Supply, Industrial Facilities, Irrigation & Drainage, Land reclamation. AAW provides integrated services and solutions covering a wide range of activities



from ideation to delivery with capabilities that can strongly compete to support the construction activities to build an integrated modern city from planning, conceptualizing and urban development, to establishing reliable and integrated infrastructure, and designing buildings and facilities that can effectively perform to meet the purpose they are built for. Our experts are capable of covering a wide spectrum of buildings type such as residential, administrative, educational, industrial, commercial, healthcare, military and more.



Our Values

Integrity of character and excellence in performance

AAW requires excellence from all its members in any task they undertake. These core values underpinned our transformation from a solo practice into a multinational firm.

Our Vision

To add value

AAW is always keen to leave its footprint wherever its projects have been completed. We aim to add value to our profession through our quality of work, attention to detail, professional integrity and emphasis on environmental preservation.

Our Mission

To serve

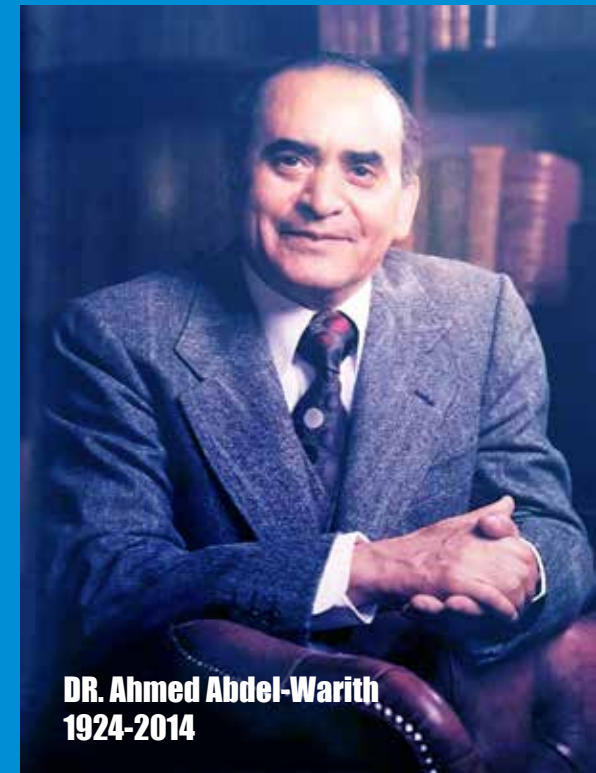
Rendering services that improve the quality of life in the communities in which we undertake our projects, has always been and always will be the company's main goal.

Founder's Message

“When I look back to AAW’s beginnings sixty years ago, I realize how much it took to reach what AAW is now. This accomplishment is the result of the efforts of AAW’s talented young men and women. AAW’s enduring belief is that in order to achieve a goal, one must embark on the road of hard work, perseverance, and continuous learning. As well as devote constant attention to global developments in our fields of specialization.

In the process of this journey, we have become world class international consultants with the aim of being one of the world’s

leading engineering consultants groups. We have gone a significant part of the way. And I am certain that through the deep experience and leadership of our management coupled with state-of-the-art technology and drive to exceed client expectations, AAW will attain this goal.”



DR. Ahmed Abdel-Warith
1924-2014

Our Portfolio



AAW HOLDING

AAW Holding is managing, and operating a portfolio of companies in two major fields; Engineering & Project Development

AAW Consulting Engineers

Engineering

AAW Consulting Engineers was established 1957 to serve the national developments in the Middle East, and African countries.

AAW Consulting Engineers encompasses:

- AAW & Partners Consulting Engineers, KSA (Regional HQ)
- AAW Consulting Engineers, Egypt (Design Center)
- AAW & Partners LLC, Oman
- AAW Consulting Engineers, UAE
- AAW Ingenieurs Conseils, Morocco

AAW Utilities

Project Development

AAW Utilities was established in 2008 as a developer, investor, co-owner and operator of infrastructure developments supported by an experienced team combining proved competences in financial, legal, and technical aspects; to empower developments of different project finance models under Public Private Partnerships Contracts.



KSA
Regional HQ



EGYPT
Design Center



OMAN



UAE

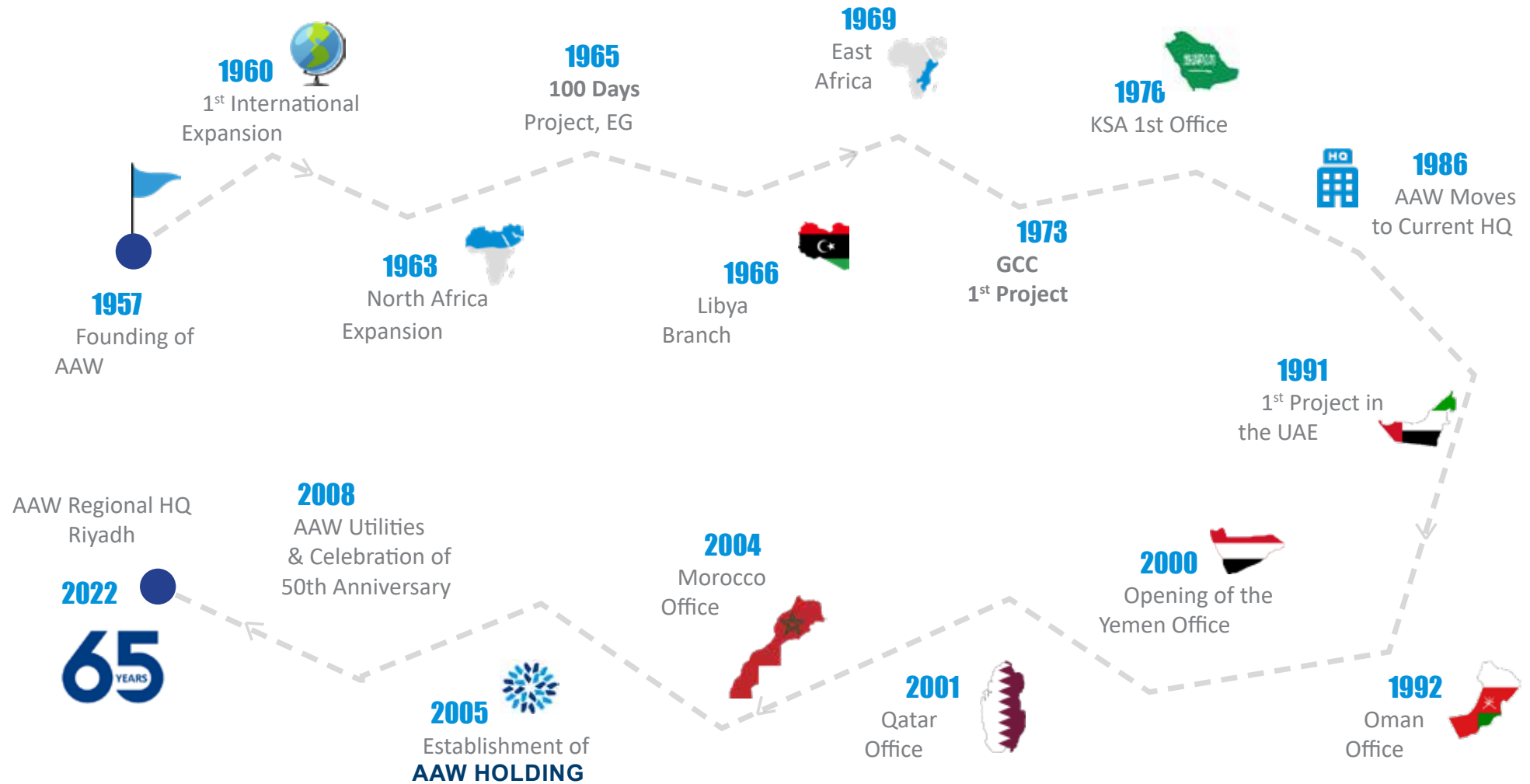


MOROCCO



UTILITIES

Our Timeline



Our Map



Projects in
+25
Countries

5
Local Offices

ENR
TOP 225 International
Design Firms
Ranked by ENR since 1993

+1500
Delivered
Projects

Projects
Worth
+60
Billion
USD

MANPOWER

+1300
Professionals

+30
Nationality



- 45% Egypt
- 26% KSA
- 14% Oman
- 05% UAE
- 10% Other Countries

Our Markets

Urban Development



AAW's services cover the developments of cities urban and master planning as well as mixed-use developments, buildings & facilities.

The company has executed numerous projects across the Middle East and Africa, with each signature project having its own standout characteristics and ingenuity.

Water and Wastewater



Our experts focus is to improve the performance of environmental natural system using cutting-edge technologies in the fields of water, irrigation, sanitation, wastewater, solid waste management to enable a healthier environment to all creatures in a safe, costly and responsible manner.

Transportation



AAW is a leading specialist in transportation engineering.

Our wealth of experience encompasses airports, public transit, bridges, tunnels, roads and highways. We bring people together by engineering safe infrastructure throughout the region.

Energy



The company's power specialty comprises power plants and transmission lines.

AAW's vast expertise brings about unparalleled results & efficient implementations. Our work lights up communities and connects them together with smart and powerful energy schemes.

Our Services



Consulting and advisory

AAW's supports project lifecycle from financing, planning, project initiation through design and procurement, and throughout the course of construction and closeout.



Design and Engineering

AAW's capabilities can strongly compete to support design & Engineering to a wide range of project types buildings and facilities such as residential, administrative, educational, industrial, commercial, healthcare,...and more, in addition to city planning and infrastructure including water & sewage, transportation and power projects.



Construction and Project Management

AAW uses best-in-field project management techniques to oversee the planning, design, and construction of a project, from its beginning to its close-out.



Project Development

AAW has established a dedicated company to fully develop projects, align resources and help setting projects up for success by applying best formulas for high returns on investments.

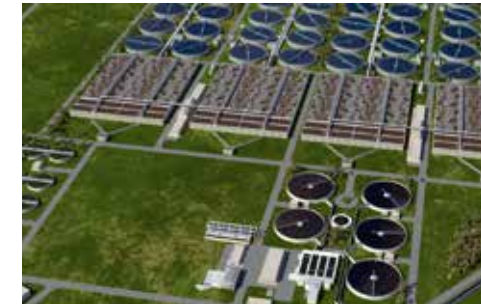


WHAT WE DO



WATER & WASTERWATER

- Water Supply Networks
- Desalination Plants
- Transmission Lines
- Reservoirs
- Boosters
- Irrigation Networks
- Integrated Water Supply
- Water MasterPlans
- Water Treatment Plants
- WasteWater Masterplans
- Integrated WasteWater
- Wastewater Treatment Plants
- Sewage Networks
- Pump Stations
- Storm Water Networks
- Solid Waste



URBAN DEVELOPMENT

- Urban Planning
- Integrated Infrastructure
- Industrial Cities
- Residential buildings
- Healthcare Facilities





TRANSPORTATION

- Roads & Highway
- Bridges
- Public Transportation
- Ports
- Airports
- Traffic Studies



ENERGY

- Transmission Lines
- Distribution/ Substations
- Power Plants
- Solar Energy





Urban Development Projects



Development of Murooj Jeddah, KSA

Client: Sumou



Housing, Community Buildings, Roads and Infrastructure,

Client: Ministry of Housing, Oman



Unayzah Forest National Park, KSA

Client: The National Center for Vegetation Development and Combating Desertification



Mohamed Bin Zayed Roads and Water Main Lines, New Administrative Capital, Egypt

Client: New Urban Communities Authority



Ewan Sedra 4 - Infrastructure Design, KSA

Client: Retal Urban Development Company



Silver Sands North Coast, Egypt

Client: Emaar Misr



Urban Development Projects



Infrastructure Works of Ajwan Project, KSA

Client: Sumou



Visitors Center at King Fahd Quran Printing Complex, KSA

Client: Saudi Ministry of Islamic Affairs, Dawah and Guidance



Development of Mutrah Touristic Path, Oman

Client: Muscat Municipality



Downtown Towers in the New Alamein City, Egypt

Client: New Urban Communities Authority



Development of East Port Said Industrial Zone, Egypt

Client: East Port Said Industrial Zone



Planning & Integrated Infrastructure for Uptown Cairo, Egypt

Client: Emaar Misr

BIM- Infrastructure

The digitalization of infrastructure BIM, big data, cloud computing, and analytics are changing how infrastructure is planned, designed, built, and managed. BIM Technology is better connecting people, processes, and ideas to create more resilient and sustainable infrastructure.

AAW uses BIM technology for infrastructure design, engineering solution and construction, combining intelligent, model-based tools to help all stakeholders to gain more accurate, accessible, and actionable insight. Using AutoDesk civil infrastructure software provides benefits throughout the execution and life-cycle of transportation, land, utility, water and power projects.



BIM - Buildings

AAW is adopting an interoperable 3D building design software that supports BIM- and CAD-based work flows, produce realistic 3D visualizations, use integrated simulation and analysis tools, create higher-quality construction documentation and make more informed design and construction decisions.

Using BIM improves our processes and project outcomes most by reducing errors and providing greater cost predictability and facilitates the coordination between architectural, mechanical, electrical, structural, and telecommunication.





Water and Wastewater Projects



Bahr El Baqar WWTP, 5 Million M3/Day - Egypt

Client: Orascom/ Arab Contractors JV



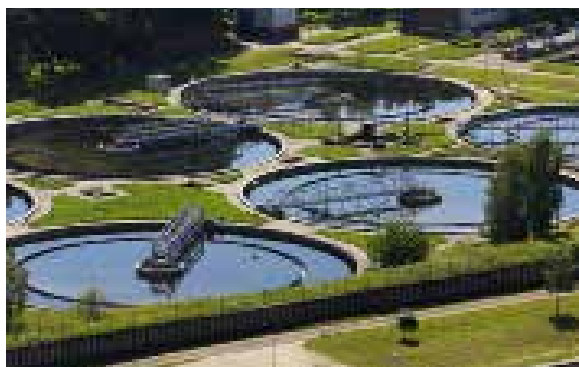
Strategic Water Supply Plan for Dar es Salaam, Tanzania

Client: Dar es Salaam Water and Sanitation Authority



Jeddah North Wastewater Underground Pump Station, KSA

Client: Ministry of Water & Electricity



Upgrading of Raysut WRP – Phase I & II, Oman

Client: Nama Dhofar Services (Formerly known as Salalah
(Sanitary Drainage Services)



Settat Region and Improvement of Performance, Morocco

Client: Office nationale de l'electricite et de l'Eau potable - ONEE



6th of October City Industrial WWTP 25000 M3/Day Egypt

Client: New Urban Communities Authorities



Water and Wastewater Projects



Upgrade & Extension of Abu Rawash WWTP 1.6 Million M³/Day, Egypt

Client: Construction Authority for Potable Water & Wastewater - CAPW



Strategic Sanitation Plan for Dar es Salaam, Tanzania

Client: Dar es Salaam Water and Sewerage - Authority DAWASA



Transmission System from Sohar to Dhahirah Governorate, Oman

Client: Oman Water & Wastewater Service Co.



Consulting Services for New Delta Agricultural WWTP, 7.5 Million M³/Day, Egypt

Client: JV between Hassan Allam Construction HAC, Orascom Construction (OC), Arab Contractors and the UAE's Metito



El-Gabal El-Asfar WWTP, 1 Million M³/Day - Contract 19 - Egypt

Client: Construction Authority for Potable Water & Wastewater - CAPW

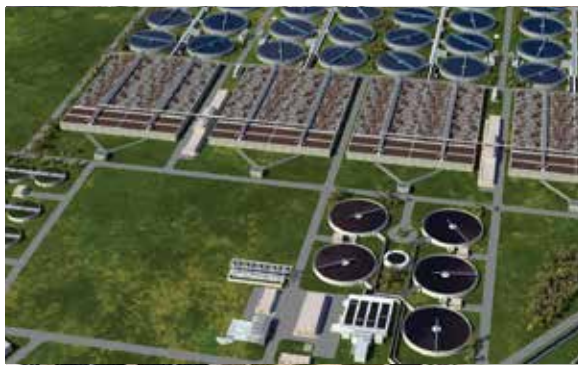


Taiba and Al-Qassim Water Transmission Line, KSA

Client: Saudi Power Procurement Company - SPPC



Water and Wastewater Projects



Feasibility Study & Detailed Design for Green Abu Rawash Sludge Facility, Egypt

Client: Construction Authority for Potable Water & Wastewater (CAPW)



Hail Seawater R.O Desalination Plant (160,000) m³/day, KSA

Client: General Directorate in Hail



El-Alamein Seawater R.O Desalination Plant, Egypt

Client: Aqualia Infrastructures



New Administration Capital Wastewater Treatment Plant - 250 Thousand m³/day, Egypt

Client: New Urban Communities Authority - NUCA



Improved Water and Wastewater Services Programme, IWSP 1 (Phase 2), Egypt

Client: Holding Company for Water & Wastewater HCWW



Consulting Services for Water Transmission Lines Project in The New Administrative Capital, Egypt

Client: Petrojet



Transportation Projects



AL JAWF – Airport Interchange, KSA

Client: Ministry of Transportation KSA



Roads in Al Jawf City, KSA

Client: Ministry of Transportation KSA



Diriyah Gate II Construction of King Khaled Road (KKR) Diversion, KSA

Client: Diriyah Gate Company



Airport Maintenance Depots, KSA

Client: Saudi Ground Services Company



Bus Stops and Stations, Jeddah, KSA

Client: Metro Jeddah Company



Al Jawf – South Qurayat Interchange, KSA

Client: Ministry of Transportation KSA



Transportation Projects



Bus Rapid Transit (BRT) Civil Works, Western Corridor, Egypt

Client: UN-Habitat



Expansion of Abu Dhabi International Airport, UAE

Client: ADAC/SCADIA



Tabuk– Duba Interchange, KSA

Client: Ministry of Transportation KSA



Linking Road between Eastern Regional Road” and the “Alternative Road to Aswan Reservoir”, Egypt

Client: Ministry of Housing & Urban Communities
Development Research & Studies Organization



Rehabilitation, Maintenance and Addition of Roads, Bridges and Tunnels in Abu Dhabi Island, UAE

Client: Abu Dhabi Municipality



Ring Road For TABUK City, KSA

Client: Ministry of Transportation KSA

Energy Projects



Zaafarana Wind Turbines, Egypt

Client: ministry of electricity and energy and renewable energy egypt



Sadaat City Power Supply and Distribution Networks - Egypt

Client: Ministry of Housing, Utilities & Urban Communities



Replacement projects and securing backup electrical supply sources, Egypt

Client: Ministry of Health - General Office



Electrical Power Supply & Distribution Networks, Sadat City, Egypt

Client: Ministry of Housing, Utilities & Urban Communities



Load Transfer to the New Primaries & Reinforcement in Mussafah in Eastern Region,, Abu Dhabi, UAE

Client: Abu Dhabi Distribution Company, ADDC



Transfer of the 33kV load from MHWG to WTBGPRY3 GRIDS in Baniyas, Abu Dhabi, UAE

Client: Abu Dhabi Distribution Company, ADDC



Power Distribution Networks in Iliwa Abu Dhabi, UAE

Client: Water and Electricity Department



Load Transfer to New Primaries & Reinforcement Bani-Yas, Al-Adla & Shamkha Abu Dhabi, UAE

Client: Abu Dhabi Distribution Company, ADDC



20 MVA Transformers in Eastern Region Abu Dhabi, UAE

Client: Abu Dhabi Distribution Company, ADDC



Supervision of the Electricity Network and Main Distributors New Administrative Capital, Egypt

Client: New Urban Communities Authority



Consultancy Services for Reinforcement of 33 kV, 11 kV & LV Networks of CR, ER & WR - UAE

Client: Abu Dhabi Distribution Company, ADDC



Power Supply for New Aswan City, Egypt

Client: ministry of housing utilities & urban communities

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