

## MOHAMMED SALEH SENIOR CIVIL ENGINEER

### Personal, Educational and Language Details:

Egyptian Civil Engineer, graduated BSc in Civil Engineering in 2003 from Helwan University, Egypt, specializing in major projects, primary infrastructure, wet utilities associated with land development, marine and outfall works and wastewater treatment with more than 15 years continuous professional experience, and over 5 years with FAEC. Mother tongue is Arabic and fluent in written and spoken English.

### Key Skills:

15 years in civil engineering design and detailing of primary infrastructure for land development, including roads, but particularly utility infrastructure including potable water transmission and distribution, waste water, storm water drainage, irrigation and fire networks, cooling water and marine outfalls, coastal and marine works, marine dredging, waste water treatment works, civil engineering aspects of sewage pump stations, foundations for structures, mass soil movements, grading and optimising of detailed grading for land development.

### Experience:

#### 2012-present: Fahd Alireza Engineering Consultants, Saudi Arabia – Senior Civil Engineer:

Senior Civil Engineer responsible for the leadership and direction of civil team in Yanbu for all detailed design, drawings and specifications for civil aspects of highways, roads, wet utilities including potable water, wastewater, irrigation water, storm water and grey water for Royal Commission, and EPC contractor projects. Design and drawings for primary infrastructure and utility development for army bases, housing developments, medical warehousing, utilities for public buildings including fire stations, safety and control buildings, institute for elastomer industries and recreation centre. Undertaking rough and detailed grading in land development as per standards, contours, levelling, cutting, filling so that civil designs are fully optimised and most economical.

Projects undertaken include the detailed design and tender documents for: Master Plan Northern Corridor Buffer Zone, Jubail; Site preparation and primary infrastructure for army base, Jubail; Jubail Technical Institute, Jubail; Reinforcement of community irrigation system, Phase II, Jubail; YTI housing expansion, Yanbu; Construction of residential buildings in Haii El Nawa, Hara West Aqeeq, Yanbu; Construction of the medical warehouse, Yanbu; Ready manufacturing building (Phases-1&2), Yanbu; Design and A/E Services for Family Housing in Al-Nakheel-2, Yanbu; Construction of YTI expansion, Yanbu; Landscape and irrigation system at HOP6 & HOP7 in Haii Al Mishaireef, Yanbu; Lining of drainage channel - Phase III, Yanbu; Construction of security fence, Yanbu; Construction and equipping of check points and security fence, Yanbu; Rehabilitation, development and equipping of fire station in lip area, Yanbu; Construction and equipping of environmental safety and control department building, Yanbu; Construction and equipping of High Institute for Elastomer Industries building, Yanbu Technical Institute in MYAS, Yanbu; Construct bachelor housing, Jazan Industrial City, Jazan; Construct recreational centre, Jazan Industrial City, Jazan; Construct family housing villas, Jazan Industrial City, Jazan; Construction and equipping of environmental safety and control department building, Jazan.

#### 2004-2014: Consultant Engineers Centre (CEC), Egypt – Civil Engineer:

Duties and responsibilities included studies and preparation of detailed designs, specifications, bills of quantities and tender documents for a wide variety of interesting and challenging projects. Projects undertaken include: Integrated coastal zone management of King Abdallah City in Jazan, KSA; Development of marina and jetty for Judge Club in Kuwait, Arab American Engineering Co; Design and shop drawings of infra-structure utilities and landscape for the Housing of Banks Employees Association, New Cairo, El-Farouk Co; EIA study of intake/outfall of cooling water system for Jeddah South Power Plant, Jeddah, with Worley Parsons; Design/Build Reswa WWTP 80,000cum/day Port Said, Suez Canal Authority; Design and supervision of breakwater of Krir Lagoons Resort North Coast, Al-Amaar for Real Estate; New Nazzazat jetty, onshore/ near shore at Sinai Fields, Petrobel; Repair of Abo-Ghoson Port in Marsa Alaam, Al-Nasr Mining Co; Storm Canal for 2nd Industrial City in Riyadh, MOMRA; El Gouf (El-Kafra) City, Libyan University Office, all water utility networks; Sabhaa (El-Maroukaa) City, Libyan University Office, all water utility networks; King Abdullah Civic Centre, Dammam, MOMRA; Journalists City, 6 October City- Ministry of Housing and New Urban Communities; all water utilities; Third Extension of Waste Water Treatment Plant- West of 6 October City – capacity of 50,000cum/day- Concord for Engineering & Construction; Complete waste water network for Manyal Sheha & Tamoah Villages, Giza; Waste water network for Mergem industrial Area and El-Gozam Area, Alexandria Governorate; Sewage pump station, Tokh Centre, Tokh – Kliobia Governorate, Arab Contractors; Sewage marine outfall project, Tartous City, Syria; Sanitary system for El Nassria Villages in Abbis, Alexandria Governorate, Egypt; Pump station and irrigation network for 350 feddan in Gabal El Asfar WWTP, Cairo, Egypt; Main Potable Water Transmission Line 3 and Main Water Line Networks 1 & 2 and Gravity Line (2,500mm dia), El Oboor City, Cairo, Egypt; Water transmission line (800mm dia) in New Cairo City from 10th Ramadan, New Cairo City; Master Plan for water and wastewater in Bani-Suef Governorate, Egypt; Marine outfall for sewage treated water, Jeddah, Chemonics Company.