

ALY ABDELTAWAB LEAD CIVIL ENGINEER

Personal, Educational and Language Details:

Egyptian Civil Engineer, graduated BSc in Civil Engineering in 1995 from Ain Shams University, Egypt, specializing in major projects, primary infrastructure and utilities predominantly associated with land development with more than 23 years continuous professional experience, over 16 years in the Middle East and 7 years with FAEC. Mother tongue is Arabic and fluent in written and spoken English.

Key Skills:

23 years in civil engineering design and detailing of primary infrastructure for land development, including highways and roads and particularly infrastructure and utilities for land development, including storm water drainage, potable water conveyance and distribution, irrigation water transmission and distribution, fire protection, civil engineering aspects of pump stations, telecommunications and instrumentation structures, foundations for structures and security fences, mass soil movements, grading and optimising of detailed grading for land development.

Experience:

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

Lead Civil Engineer responsible for the leadership and direction of civil team, 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, SABIC and MODON projects. Design and drawings for substation roads, fencing and drainage, foundations of transmission line towers. Responsible for planning the work within established schedules and budgets. Shall advise site teams to carry out soil testing, trial pits as per standards, contours, levelling, cutting, filling etc. so that civil designs are fully optimised and most economical.

Projects undertaken include Jubail City Centre Site Development including all highway infrastructure and utilities; Northern Corridor Buffer Zone including master planning and detailed design for all highway infrastructure and primary utilities; Al Shati, Jubail master plan for new educational campus including entire site strategic grading, infrastructure and utilities; King Fahd University for Petroleum and Minerals, Master Plan for Phase I of a new business park; Jubail Regional Park urban infrastructure design and planning; Dareen East Beach, planning and design of all utilities for 70ha park; Jalmudah Shoreline Park, planning and design for utilities associated with 128ha park; primary and secondary infrastructure design of 350ha SABIC housing project; and design of infrastructure and utilities for 2,600 housing units in Al Jubail.

2008-2012: Dar Al Riyadh Consultants, Saudi Arabia – Lead Civil Engineer:

Duties and responsibilities included leading the civil team in designing, detailing, specifying and tender documents for projects such as Future Industrial City utilities and all external infrastructure such as potable water, sewage, grey water, fire protection, storm water and irrigation water networks. Design of the external infrastructure and utilities for King Faisal Specialist hospital and research centre in Riyadh including potable water, sewage, storm water and fire protection. Design of the external infrastructure and utilities for Haramain Stations - Jeddah, Makkah, Madinah and KAEC. Site development of the second Industrial City of Riyadh – road master plan, earthworks grading and site development. Responsible for performing substation and transmission line engineering services for civil works in close association with electrical design team. Preparation of basic / detailed construction drawings/documents.

2002-2008: Saud Consult, KSA – Senior Civil Engineer:

Senior Civil Engineer responsible for the design of potable water, sewerage, irrigation and fire networks for King Abdullah University for Science and Technology, Khafji Project in Eastern Province and King Faisal University, including tender documents, pump station civil and mechanical work for potable water, raw water, irrigation water and fire water networks and systems.

1995-2001: Saud Consult MISR, Egypt – Senior Design Engineer:

Senior design engineer responsible for the design and engineering of the water sewage network of the new campus of American University in new Cairo City. Water and sewage network of the Ibb University in Yemen. Mechanical and site work of the Ministry of Interior Regional HQ, Jeddah Special Security Forces. Schematic design for wastewater treatment plant. Mechanical and site work of the MOI Rimaya sites KSA. Site development of 6 October City Districts 2, 3 and 4 roads master plan.