

Holds a B. Sc. in Civil Engineering and has about 31 years hands-on experience in Construction Management and Supervision of large oil and gas projects from starting till commissioning to handover.

PERSONAL DATA

Nationality : Egyptian/British
Birth Date : 12/05/1961
Gender : Male

EDUCATION

: B. Sc. in Civil Engineering, Alexandria University, 1986

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

- : In-house courses at WWCG for critical path method (CPM) and basic project management principles.
- : In-house course at WWCG in administrating international construction projects by using "FIDIC".
- : In-house courses at Bechtel of Safety training programs (32 hours).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2014 till now
Employer : Industrial Construction & Engineering Company (SIAC)
Project : ERC Refinery Project, Mostorod, Egypt
Overview of the project: Oil and Gas project and was Underground demolition for utilities (foundations for tanks, building, pipes lines for sewage oil and fuel and electric cables) and the second part was for remediation package excavation for removing the contaminated soil after testing and sampling , replace by clean soil like sand or lime stone, the removed soil will be treated before despoiling it in safety land farm also as a part of the system of cleaning the soil from LNAPL and oils excavation and installation

for filler method by trench all around the area using sucking pumps the value is US\$ 11 million.

- Job title** : Project Manager
- Job Description** : Responsible for the overall Management and Construction of all the on-going site activities in various areas as listed below:
- Management for the site activities and required man power for the work.
 - Following the activities to match with time schedule.
 - Prepare the site for the overlapping areas with other companies for rest packages.
 - Approving of detailed Method statements, ITRs and FIN for works within existing process areas.
 - Attend weekly and monthly project review meetings, construction meetings, safety meetings and management meetings, walk-through along work locations. Prepare weekly and monthly progress reports.
 - Safety – Responsible for personal safety safe working practices for the Project.
 - Review the monthly payment to submit for main Contractor and approve payment for subcontractors.

Dates : From Jun. 2011 till Apr. 2014

Employer : Germanischer Lloyd

Project : Upper Zakum Artificial Islands Dredging & Land Reclamation (U.A.E.)
Overview of the project: Dredging and land reclamation for FOUR Artificial Islands for oil and gas production and processing for Client Zakum Development Company (ZADCO) (including Harbor, Break water placing Quay walls, rocks and X Blocks) the value is US\$ 2.3 billion EPC project including dredging and reclamation and construction of Revetment by Core Bund, under layer by placing Rocks, and installation X-Blocks, Quay Walls at Harbor area for each Island and Breakwater by placing rocks and Shore protection, Vibro compaction, Geotextile placing, Apron precast slab and boat fixed Boat landing structure and Mooring Dolphins.

Job title : Project Manager

Job Description : Responsible for the overall Construction and Auditing of all the on-going site activities in various areas as listed below:

- Construction Work at site.
- Design reviews of off shore structure.
- Dredging and reclamation Works for the four Artificial Islands.
- Rock Quarry Materials Inspection and testing in RAK.
- Pre-cast Yard Production Materials and testing in Ajman and Mussafah.
- Contractual Issues.
- Construction Works (Quality, Methodology and Compliance).
- Manufacturing of Project material.

Dates : From Jul. 2009 till May 2011

Employer : Dolphin Energy Limited

Project : Taweelah - Fujairah Gas pipe line (United Arab Emirates)
Overview of the project: Downstream Pipeline Facilities (Taweelah - Fujairah Gas pipe line), is a US\$ 1.3 billion EPC project including the construction of 240 km 48" high pressure on-shore gas pipeline, facilities construction including 42" pipeline, 2 fired gas heaters, HPPS system, metering system,

filtering units, underground culverts, valve pits, electric substation / control buildings in a live gas receiving facility. Hot-taps and tie-ins with existing Gasco pipelines and others. All associated Civil / Structural works including pipe supports, equipment foundations, roads, drainage and plumbing, raft foundations, soil improvement using specialized stone column techniques etc.

- Job title** : Site Construction Manager – Facilities and Pipe line Construction
- Job Description** : Responsible for the overall Construction supervision of all the on-going site activities in various areas as listed below:
- Supervise pre casting of nearly 980 numbers of reinforced concrete pipe supports, equipment supports etc.
 - Installation of precast foundations of 48", 42", 16 & 4" inside live plant Hot-tap tie-ins with the existing live lines Facilities.
 - Supervise the construction of the steel Structure for plat forms and pipe racks.
 - Supervise the undercrossing pipe line 42 inch for the main highways using horizontal Directional drilling method (HDD).
 - Construction of Anchor Blocks (750 cum) & underground Valve Pits.
 - Construction of foundations for two new Heaters and supervision for structural Erection.
 - Construction of electric substation building, including (battery, transformer and switch gear room) Inergen shelter.
 - Construction of the structure (base and walls for two pipe culverts (pre-cast).
 - Assist and advise on determining appropriate construction strategies.
 - Construction of Metering Skid, installation of precast foundations for Filters, Cold Vent stack, HIPPS valves, Access Platforms, many other miscellaneous pipe supports, E&I supports.
 - Pipe line Right of Way, Sabkha construction and pipeline fencing for 48" high pressure Pipeline.
 - Construction of Roads, drainages, water supply lines & Culverts.
 - Preparation of detailed Method statements, TRA for works within existing process areas inside TRF.
 - Opening and Issues Hot and Cold Permit from the Operation department to construct TFP scope of works within TRF facility.
 - Coordination and approval of all civil and structural related procurement activities and Vendor related civil and structural issues including material approvals, subcontractor approvals etc.
 - Coordinate and provide Construction support to Commissioning Team.
 - Attend to and resolve contractor queries and provides technical guidance and expertise such that project goals are clearly understood and to minimize delays.
 - Attend weekly project review meetings, construction meetings, safety meetings and management meetings, walk-through along work locations. Prepares weekly and monthly progress reports.
 - Safety – Responsible for personal safety safe working practices for the Project.
 - Closely monitor concrete pours and check continuously concrete materials delivered to site, ensure compliance with QA/QC procedures, and ensure all concrete tests are carried out as per contract requirements.
 - Participating in technical evaluation of contractor vendor proposals to

assess technical capability and ensure that bidder's proposals are comply with set specifications.

- Review of EPC contractor's procurement, construction status and assisting EPC contractors in identifying potential sub contractors.
- Coordinate with Company nominated Third party and certification agencies.
- Recommend Dolphin Management on variations, claims as received from EPC contractor.
- Interface management with Company operations department, third party operators to obtain NOC, permits on time.
- Perform other similar or related duties as and when assigned by the Taweelah Sr. Project Manager, DVP – Projects.

Dates : From Aug. 2006 till Jun. 2009

Employer : Dolphin Energy Limited

Project : Eastern Gas Distribution System - Taweelah (UAE)
Overview of the project: Eastern Gas Distribution system-Taweelah, AL-AIN, Jebel Ali and Maqta is a \$ 60 million EPC project including the Construction of Facilities including Administration building (G+1), 3 Control Room Building and metering skids

Job title : Senior Construction Supervisor - Projects

Job Description :

- Responsible for the overall Construction supervision of all the on-going site activities in various areas as listed below:
 - Construction of Administration building (G+1) at Taweelah Gas receiving facilities.
 - Construction of one Control Room Building at Taweelah, Al Ain & Maqta for each.
 - Construction of Mosque, Warehouse (Steel Structure) & Guard Houses (2Nos.).
 - Construction of Roads, drainages, water supply lines.
 - Site grading and the related earthworks includes filling/cutting.
 - Coordination with the Electrical & Instrumentation departments in regard to the construction of trenches, cable pulling, back filling & Duct banks.
 - Review & implementation of site engineering queries (SEQ), technical queries (TQ) review of Inspection Test Plan (ITP) & Quality Control Plan (QCP).
- Also given additional responsibility as Warranty coordinator for finished projects during contractual warranty period:
 - Responsibility for systematic and coordination with Operations to make sure the all Contractors close out all Warranty Claim Notifications.
 - Interface with PMT Engineers for all technical and contractual matters related to Warranty Claim Notifications.
 - Coordinate with the Contractor for timely mobilization of Vendor Representatives and to attend any reported faults.
 - Organize, coordinate, prepare and maintain Warranty Claim Notifications on data base, assist the Commissioning Manager inclosing out any outstanding Punch list items.
 - Report to Sr. Commissioning Engineer on all matters to Warranty Claim Notifications.

- Dates** : From Jul. 2005 till Jul. 2006
- Employer** : Dolphin Energy Limited
- Project** : Gas receiving facilities and export pipeline - Taweelah
 Overview of the project: Gas Receiving Facilities - Taweelah is a \$ 60 million EPC project including the Construction of Receiving Facilities, a 10 km 48" on-shore Gas pipeline, Hot-tap tie-ins with existing Gasco pipelines & tie-in with the 48" Export Gas pipeline (Midstream P/L) which in turn connected to the subsea pipeline of 366 km, from Ras Laffan, Qatar.
- Job title** : Construction Supervisor - Projects
- Job Description** : Responsible for the overall Construction supervision of all the on-going site activities in various areas as listed below:
- Construction and coordination for the foundations of 48", 36" & 24" Hot-tap tie-ins with the existing Gasco Facilities.
 - Construction of 3 Nos. of Anchor Blocks (750 cum, 320 cum, 85 cum) & Valve Pits.
 - Construction of Local Control Room Building, Inergen Cylinder room, Warehouse & Guard House.
 - Construction of foundations (pre-cast & in-situ) for Gas Heaters, Instrument air, Metering Skid, Emergency Generator, Inlet Filters, Cold Vent stack, HIPPS valves, Access Platform, crossovers, pre-cast wall panels and many other miscellaneous pipe supports.
 - Construction of foundation posts & Installation of fencing.
 - Site grading and the related earthworks (approx. 245,000 cum) filling/cutting.
 - Security fencing design and installation around Taweelah Receiving Facility.
 - Coordination with the Electrical & Instrumentation departments in regard to the construction of trenches, cable pulling, back filling & Duct banks.
 - Construction of Roads, drainages, water supply lines & Culverts.
 - Construction of piles/stone columns (1025 nos.) below the major foundations.
 - Pipe line Right of Way, Sabkha construction and pipeline fencing for 10KM of 48" export Pipeline.
 - Review & implementation of site engineering queries (SEQ), technical queries (TQ) review of Inspection Test Plan (ITP) & Quality Control Plan (QCP).
- Dates** : From Aug. 2003 till Jun. 2005
- Employer** : BECHTEL (International Overseas Corporation)
- Project** : Egyptian Liquefied Natural Gas (ELNG) Project at Idku, Egypt
- Job title** : Field Engineer in the Construction and Engineering Team
- Job Description** :
- Supervising the Main Building and Support Facilities Maintenance, Control, Ware House and all the different substations of the two train utilities by execution of civil works.
 - Interior and exterior architectural finishing and the introduction of the electrical cables.
 - All the Asphalt roads for the second train.
 - Review/update contractor schedules.
 - Closing out Punch list items.
 - Reviewing all the ITP, FCN, final As built drawing and reporting to

management.

- Dates** : From Aug. 2000 till Apr. 2003
- Employer** : Metcalf & Eddy in association with Eng. Consultant Group (ECG)
- Project** : The project of Design/Build Expansion and Modification of Wastewater Treatment plants, Pumping and Support Facilities, with a value of \$95 Million funded by USAID, Expansion of two primary treatment plants to capacity of 607,000 m³/d and 468,000 m³/d, expansion and improvements to sludge dewatering and disposal facilities, constructing new clarifiers and expansion to facility buildings.
- Job title** : Resident Engineer
- Job Description** : My duties includes but not limited to:
- Inspecting the execution of civil works.
 - Monitoring of all geotechnical field works.
 - Interior and exterior architectural finishing, platforms, landscaping and seedlings.
 - Quality assurance and follow up specification based on FIDIC condition.
 - Review/update contractor schedule, monthly payment and reporting to managements.
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- Dates** : From May 1999 till Jul. 2000
- Employer** : TECHNIP / Italy
- Project** : NAPHTA REFORMER COMPLEX (a project with value of \$225 million funded by the Italian Government, for Alexandria Petroleum Company at the El-Dekhila area)
- Job title** : Site Engineer
- Job Description** :
- Responsible for the Supervision of Pipe laying and testing for Rainwater Sewers (RWS) Oily Water Sewers (OWS) and Close Drain (CLD) by different dimensions for variable depths with length about 2.3 km.
 - Fire Proofing Works (concrete, casting and QC) for steel structure, air coolers, CCR reactor, steel pipe racks, vessels and equipment.
 - All civil works related to sheet piling, piles and dewatering systems.
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- Dates** : From Nov. 1998 till Mar. 1999
- Employer** : Engineering Consultants Group (ECG)
- Project** : A large project of 200,000 MT/Y Polyethylene Plant, the contractor was Samsung (Korean Company), the owner was SIDPC. The contract value was \$300 Million for 25 soil investigations and construction supervision for 650 bore piles with varying depths, 600 mm dia. and the axial vertical and horizontal load tests followed by the pile caps.
- Job title** : Principal Civil Engineer
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- Dates** : From Jul. 1998 till Oct. 1998
- Employer** : Dr. Ahmed Abdel-Warith Consulting Engineers (AAW), Egypt
- Project** : A large project of supplying raw water to Zayed City with value of 550 Million Egyptian Pounds.
- Job title** : Site Engineer
- Job Description** : Construction Supervision for the super structure of the Main Intake and its Tunnels, dia. 2.25 meter, under important structures (Railway, Canal) to a

big pump station. A 60 kilometer force main tunnel up to the main Water Treatment Plant.

Dates : From Sep. 1997 till Jul. 1998
Employer : El-Feky Company of Constructing
Project : Construction 5 residential buildings (max 13 floors) with a project value of 30 Million Egyptian Pounds
Job title : Resident Engineer
Job Description : My duties were to supervise/coordinate subcontractors handling different categories of works, review cash flow, apply required modifications and report to managements.

Dates : From Apr. 1994 till Aug. 1997
Employer : Dr. Ahmed Abdel-Warith Consulting Engineers (AAW), Egypt
Job Description : Site Engineer in the Central Zone Tunnel Project in Alexandria, 110 Million Egyptian Pounds project that contains:

- Pipe jacking (with 2.25 m diameter reinforced concrete pipes) through soft and hard soil using two different sorts of T.B.M. with different technologies. The tunnel is 3.5 km long starting from the "Unknown Soldier" in Manteca (Alexandria center) until the Alexandria West Treatment Plant. The project passes through narrow streets with very old building (the old Alex. area) that adds a high risk and requires sophisticated operation methods.
- Constructing caissons with 12 m dia. and rectangular caissons with different dimensions and variable depths. The construction of the caissons is made by using diaphragm wall method (varying in dimensions and go 20 - 25 meters deep).
- Diaphragms walls system is a new and high technology method for depths between 35 - 40 meters (diaphragm walls are used in big projects like Alex. library).
- Preconstruction survey risk management activities, which include:
 - Settlement points, inclinometer, piezometers and ground water observation wells.
 - Monitoring QA/QC, geotechnical monitoring and building survey programs.
- Preparing Bid Evaluation and submit result to Owner. Correspondence and final review of submittals.

Dates : From May 1987 till Mar. 1994
Employer : Wastewater Consultant Group (WWCG), a joint venture of CH2M Hill and Metcalf & Eddy Projects
Job Description :

- 1st Period (from Mar. 1992 till Mar. 1994):
 - Site Engineer in the Under Crossing Project that is the most important project in the Wastewater Facility Program in Alexandria City, Egypt. It is a project of \$45 million that connects the different elements of Alexandria Wastewater system by each others. The project runs under main utilities in the city (railroad, canal and highways) using tunneling technology.
 - Construction and sinking of R.C. rectangular and circular caissons on ground.
 - Sinking the caissons using dredging method.

- Tunneling casing pipes using advanced T.B.M. and installing carrier pipes inside them. The dia. of the casing pipes are 2,750mm and the carrier pipes are 1,800mm and 1,500 mm (Pipe materials are reinforced and pre-stressed concrete).
- 2nd Period (from Jun. 1990 till Mar. 1992):
Site Engineer in the Treatment Plants Project, which is part of the Wastewater Facility Program in Alexandria. The project is US \$ 80 Million and includes:
 - 8 Clarifiers; 30 m diameter and 10 meter height over CFA Piles.
 - Pump Station; (36x36x30 m deep), discharge 250,000 m³/day which was constructed by floating box method. The first section of the pump station (35,000 metric tones) was constructed in dry dock and then floated and towed to its location inside a slurry wall, 50 meters diameter and 36 meters deep. By adding new sections, the P.S. was sunk down until it reached its final level (25 meters below ground).
 - Sedimentation Tanks; 8 tanks (70x12x4 m deep), scum wells, skimmers, sludge collectors, and sludge pump gallery. The whole structure is supported on thin shell piles.
 - Headworks; 6 mt chambers (35x11x4 m deep), scum wells, skimmers and grit removal system. The whole structure is supported on thin shell piles.
- 3rd Period (from Dec. 1988 till Jun. 1990):
Site Engineer in Abu Qir - Maamoura collector project, which is also a part from the wastewater facility project in Alexandria that includes:
 - Planning, Excavation, Sheeting, Dewatering, Laying of 9 km of ductile iron pipes, Re-inforced concrete pipes & pre-stressed pipes.
 - Under crossing rail/roadway.
- 4th Period (from May 1987 till Dec. 1988):
Site Engineer in the Tunneling Project, which is also a part of the Wastewater Facility Program. The project is a \$33 million, which includes:
 - Pipe jacking through soft and hard soil using TBM and Shield (Swedish Lundby System). The first type is used for jacking R.C. Pipe dia. 2,750 mm, the second type is used for jacking R.C. Pipes dia. 1,800 mm, 2,250 mm and 1,200 mm; the jacking of 1,500 mm dia. steel casing is included.
 - Constructing and sinking about seventy caissons, rectangular, pre-cast and cast in place cylinder caissons. The caissons diameters are 2,750 mm, 5,000 mm, 5,800 mm and 6,500 mm. The depth varies from 6.5 m to 17 m.
 - Construction of different special structures and manholes.
 - Soil stabilization (grouting), Shot-Crete, pipe and caisson, cracks repairs.

Dates : From Jul. 1986 till May 1987

Employer : Consultant firm for Dr. I. Abido (Deen Faculty of Engineering, University of Alexandria)

Job Description : Engineer for VIBRO piles, foundations, brick walls, reinforced concrete slabs and plumbing work, painting walls and finishing works for some buildings (this project included 34 buildings).