

Holds a B. Sc. in Civil Engineering and has over 2 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/12/1993
Gender : Male
Marital Status : Single
Residence : El Nozha El Gdeda, Cairo

EDUCATION

: B. Sc. in Civil Engineering, Helwan University, 2016

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: OPTIMOOR
: CORMIX
: ZENRISER
: Total tide
: Wallap
: Surfer
: AutoCAD
: SAP 2000
: Etabs
: Safe
: CSI Column

TRAINING COURSES AND CERTIFICATIONS

: CSI Diploma (Cad Master Training Center) (Nov. 2015).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2016 till now
- Employer** : TELCONSULT Consulting Engineers for harbour, coastal and offshore engineering
- Job title** : Design Engineer
- Job Description** :
- EPPC Port Said gas tankers berth, Mediterranean Sea:
 - Design basis for the proposed berth using OPTIMOOR mooring analysis software including design tankers, environmental parameters, soil parameters and navigational.
 - Development and evaluation of alternatives to reach optimum multi-buoys mooring berth general layout.
 - Value engineering, sensitivity analysis to account for relaxation of weather acceptance criteria for berth operation; i.e. reduction of time out of operation for the berth.
 - Detailed designs for berth components including mooring lines and anchors.
 - Protection and dredging project of Gamasa drain inlet, Mediterranean Sea:
 - Design of breakwater, jetties and groins.
 - Determine project site coastal conditions such as wind, waves and water levels.
 - Alongshore littoral drift potential rates calculations.
 - Sand nourishment, dredging Plan and bill of quantities.
 - Intake floating boom of super critical South Helwan Power Plant 3x650MW: Basic, detailed design and preparation of construction drawings.
 - Demolition and contamination cleanup of Aqaba Main Port, Jordan:
 - Prepare the tender document for the demolition of the marine works of phosphate berth.
 - Demolition Plan and bill of quantities.
 - Sea water intake and outfall of Ras Sudr desalination plant, Gulf of Suez.
 - Sea water intake and outfall of Abu Zenima desalination plant, Gulf of Suez.
 - Sea water intake and outfall of NCIC/EL Sukhna desalination plant, Gulf of Suez.
 - Sea water intake and outfall of El Sallum desalination plant, Mediterranean Sea.
 - Sea water intake and outfall of Ras El Dab'a desalination plant, Mediterranean Sea.
 - Sea water intake and outfall of East Port Said desalination plant, Mediterranean Sea.
 - Sea water intake and outfall of El Quseir desalination plant, Red Sea.
 - Sea water intake and outfall of Halaib desalination plant, Red Sea.
 - Feasibility, master plan studies, site visits and reporting.
 - Basic, detailed design and preparation of construction drawings.
 - Detailed study of construction procedure and bill of quantities.
 - Hydraulic and environmental designs using CORMIX international specialized software.
 - Review of bathymetry, wind, wave, tide and siltation data.

- Modeling the sealine using ZENRISER international software during installation (float or sink).
- Design report preparation and review.