

# Ahmed Heider El-leithy

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## **Personal data**

**Date of birth:** 14<sup>th</sup> of August, 1990

**Nationality:** Egyptian

**Military status:** Exempted

## **Education:**

- Bachelor degree of Civil Engineering, Future University graduated in (2014).
- Master degree: MBA. CGPA: A+ (Arab Academy for science Technology & Maritime)
- Courses: Revit-structure (LOD 400), BIM, PMP, Primavera P6, AutoCAD, Civil 3D, Advanced Excel.
- Graduation project: Project management of El-Wahaa project – Nasr City.
- High School: Thebes American School in Egypt.

## **Computer Skills:**

- ASD:
  - Shopdrawing and detailed rft. (slabs, beams, col, foundations) IFC drawings
- REVIT:
  - Modelling 3D design, Concept, IFT, IFC, Revising tender B.O.Q.
  - Co-ordination between Architecture, Civil and MEP.
  - Shop drawings LOD 400 including steel detailing, BBS and Weights.
- Primavera P6:
  - Developing and managing the project's schedule.
  - Analysing and evaluating and forecasting the current project status against the baseline schedule.
  - Coordinate with the procurement and purchasing department.
- Auto CAD:

- Preparing technical structural shop drawings with associated RFT. -  
Preparing BBS Using AutoRebar tool.
- Coordination between different Xrefs:
  - Electrical – mechanical – architectural.
- Civil 3D:
  - Revising shop drawings with design drawings
  - Revising and handing shop drawings to owner
  - Revising and computing cut & fill quantities
  - Synchronizing site survey data with revised shop drawings and comparing them with previous data to determine rate of productivity.
  - Revising and co-ordination between different scopes of work
  - Preparing daily and weekly reports for all scopes of work
- Tekla:
  - Modelling and detailing steel structures according to ECOP
  - Preparing all tables and sheets according to model
- Advanced Excel:
  - Preparing weekly and monthly reports.
  - Preparing sheets for monitoring all requests and paperwork.
  - Monitoring and updating logs of projects deliverables.
  - Preparing Interim statements and follow-up.
  - Preparing presentation of project status whenever required.
- Professional at handling computer software and hardware.
- Excellent internet research skill.

## **Experience:**

### **International Group for contracting (Eng. Farag Elkassaly) (2022-2024)**

**Project :** Future of Egypt phase (1) \_ 300,000 feddans.

#### **Description:**

- Lining of Main canal length 12 Km (Studying best route according to site survey to decrease direct costs - excavation – replacement if noted in soil investigation report - formation – lining)
- Lining of Branches (3,4,5,5-1) accumulative length 39 Km.
- 4 intakes
- 20 boosters
- Pipelines:
  - 50.2 km HDPE Main pipe lines from boosters to fertilization chamber connected to each pivot including special parts and connectors.
  - 86 Km UPVC pipelines from fertilization chamber to each pivot including special parts and connections.
- 452 pivots (land levelling): Approving all pivots centre from consultant after coordinating with all project scopes' Shop drawings (Road works – irrigation pipe network – canals)
- 245 km Earth routings 2 types (8m and 12m) for electrical supply – lightening – transportation between pivots and main roads.

**Position:** Technical office manager.

**Responsibilities:**

- 1- Revising and co-ordination different project scopes after variation of design drawings then issuing and approval of new shop drawings.
- 2- Approving cut and fill quantities – pipelines, connectors and special parts quantities and comparing them to contractual B.O.Q
- 3- Issuing interim statements and revising them with consultant (HYDRO Envir.&Infra Str.studies)
- 4- Following material submittals, tests and approval.
- 5- Daily requests for inspection and issuing any RFIs needed
- 6- Collecting site survey data
- 7- Monitoring projects' time schedules and productivity rates.
- 8- Daily and weekly reports of all project scopes
- 9- Revising tender BOQ of different project items (excavation works, bridges, posters and lifting pump stations)
- 10- Revising shop-drawings items (canal bed width, NGL, positioning of IPS (irrigation pump stations)
- 11- Preparing weekly and monthly reports to owner through submitted daily reports.
- 12- Monitoring daily correspondents solving any problem shown on site.
- 13- Bim modelling for presentation.

**Civil & Environmental Engineering Experts (CEEE - Dr. Khaled Zaher): (2020-2022)**

**Project :** Future of Egypt phase (1) \_ 300,000 feddans. Est. budget (1.2 billion EGP)

**Description:**

- Lining of 90 Km main canal with 150 km branched canals.
- 17 water intakes – 13 weirs.
- 6 lifting pump stations.
- 238 posters feeding pivots through pipes lines network.
- 1770 Pivots including its associated pipelines and connections
- 3700 km roads (5-types) and 11 Bridges.

**Position:** Technical office engineer (CONSULTANT).

**Responsibilities:**

- 1- Revising and co-ordination between different project scopes in design drawings and Project's Layout.
- 2- Handing revised design drawings to contractor and owner (Air Forces).
- 3- Positioning contractors and delivering all coordinates, start – end scope, benchmarks.
- 4- Revising / updating / following up with contractors' project time schedules and measuring productivity rates and KPIs using primavera and excel.
- 5- Revising tender BOQ of different project items (excavation works, bridges, posters and lifting pump stations).
- 6- Revising contractors' shop-drawings of different items (canal bed width, NGL, positioning of IPS (irrigation pump stations).
- 7- Preparing weekly and monthly reports to owner through submitted daily reports.
- 8- Monitoring daily correspondents solving any problem shown on site.

- 9- Following up material submittals insuring all supplied materials are according to project's specifications.
- 10- Revising contractors' interim statements and insuring work delivered is supported by inspection reports and meeting project specifications.
- 11- Bim modelling for presentation.

### **Dr. Mohamed Saeed Elturky TDS \_ (2019)**

**Project:** City club

**Position:** Technical office Engineer

**Responsibilities:**

- 1-Preparing shop drawing for different units of city club including reinforcement concrete & finishing works.
- 2- Optimized BBS (cutting list and bar bending schedule). Using AutoCAD - Autorebar.
- 3-Handling revised shop drawings to the project consultant (Mentor)
- 3- Co-ordination between Architecture, MEP & Civil DWGs.
- 4- Revising tender B.O.Q quantities of different items.
- 5- Preparing time schedule for shop drawings using Primavera P6 and submitted to consultant. 6- Reviewing survey drawings by AutoCAD extracting associated excavation quantities prior starting excavation works.
- 6- Bim modelling for presentation.

### **Artal developments (2018 – 2019)**

**Project:** Construction of ElShesheiny tower in Maadi area on Nile river

**Description:** Area 1000 m2 -12 story building including 3 Sky villas.

**Position:** Project Engineer

**Responsibilities:**

- 1- Survey all the required quantities of different project items.
- 2- Disposal of rubbish and waste material on site.
- 3- Replacement soil limestone layer thickness approx. 100 cm
- 4- Excavating/Casting 252 concrete piles 14 m depth. 60 cm in diameter (CFA). Using auger machine
- 5- Monitoring load test results for concrete piles.
- 6- Preparing and stamping all submittals from consultant and client.
- 7- Preparing and reviewing all sub-contractors' invoices.
- 8- Preparing progress reports for consultant and client.
- 9- Preparing and attending monthly minutes of meeting.
- 10- Preparing weekly and monthly progress report for both client and consultant.
- 13- Reviewing shop drawing for different items of project.

- 14- Preparing steel bending list for the different items (Piles -footing-columns-slabs- beams..)
- 15- Preparing time table for the project using primavera and follow up the progress.

### **Al-Waly contracting company for housing and development (2016 – 2018)**

**Project:** Al-Jazi avenue

**Description:** Including 4 Multi-story buildings (1200m2 each) and two underground tunnels Serving 35 high-end-class Villas.

**Position:** Technical office engineer\ Project planner

**Responsibilities:**

- 1- Survey all the required quantities of different project items.
- 2- Revising items' shop drawings.
- 3- Preparing and following up project time schedule by primavera.
- 4- Preparing and stamping all submittals from consultant and owner.
- 5- Preparing and reviewing all subcontractor invoices.
- 6- Following up the progress on site.
- 7- Preparing progress reports for consultant and client.
- 8- Preparing claims either for time or financial.
- 9- Preparing interim Statement for client.
- 10- Preparing and attending monthly minutes of meeting.
- 11- Preparing weekly and monthly progress report for both client and consultant.
- 12- Preparing and reviewing shop drawing for different items of project.

### **Egyptian company for contracting and trading (2014 – 2016)**

**Position:** Site engineer

**Project:** Misr El kheer orphanage in 5<sup>th</sup> settlement - New Cairo

**Responsibilities:**

- 1) Repairing and Restoration of an old building + Finishing (exterior & indoor) used to be a property of Arab contractors company
- 2) Construction of 5 story building joining existing building by steel bridge
- 3) Complete fire alarm system and MEP works
- 4) Handing over and remedial works for all required remarks.

**Project:**

Taj-Sultan:

New signature project benefits from a rich diversity of residential unit types suiting all tastes including apartments, duplexes and villas.

It's investment cost at EGP 1.3 BN located on Km 18/20 Suez Road with total area 595 acres; including potable water, sanitary sewage drainage, gas, roads, irrigation, firefighting, fiber- optic, H.V, M.V, L.V networks.

**Position: Site Engineer**

**Responsibilities:**

- 1- Tag Sultan Construction of 5000m3 reservoir for potable water
- 2- Construction of concrete skeleton of 14 villas

**1- Foundation**

- 1-1- Excavation and leveling
- 1-2- Compaction and testing
- 1-3- Concreting plain concrete
- 1-4- Waterproofing membrane
- 1-5- Concreting reinforced concrete for raft foundation including kickers for walls & water stop.

**2- Walls**

- 2-1- RFT for walls (external and internal).
- 2-2-Wall shuttering and fixing paddle flange pipe for inlet and outlet.
- 2-3-Concreting walls

**3-Ceiling**

- 3-1- Shuttering and RFT.
- 3-3- Concreting.
- 3-4- Water testing by filling tank for 48 hrs. 3-5- Indicating leakage points and Injection
- 3-6- Finishing inside tank. (Painting)
- 3-7- Mechanical and Electrical implementation.
- 3-8- Survey of all the required quantities for the different items i.e. (excavation reinforcement St.- concrete etc.)
- 3-9- Preparing steel bending list for the different items (footing-columns-slabs-etc..) 3-10- Preparing interim statements for the client.
- 3-11- Preparing time table for the project using primavera and follow up the progress 3-12- Construction of the main building from excavation up to finishing works.
- 3-13- Preparing interim statements for the owner.
- 3-14- Handling over works to consultant.

**Training:**

- 1- El-Saiee consulting and Engineering (2008) Project : El Reef City, Dubai – Abu Dhabi road, United Arab Emirates.
- 2- Carillion consulting and Engineering (2009 - 2010) Project : Cairo Festival City, 5th settlement.