

# Ahmed Essam EL-din Mansour

Speicalist BIM Infrastructure Engineer

Experience in BIM Department & Technical Office (Infrastructure and Roads) with over [6] years of experience.

## Nationality

Egyptian

## Date of birth

21.07.1995 Cairo, Egypt

## Marital status

Married with 1 child

## Work History

**MAY 2024 until now - Haif Company**  
**Qiddiya Delta B project – (Saudi Arabia)**  
**Infrastructure BIM Engineer / Technical Office Engineer**

### Main Responsibility:

- BIM Responsibility:**
  - Revise and Modify and Generate BIM Models Using Civil3D For Dry Utilities and Wet Utilities and Collaborated with MEP And Roads
  - Revise and Modify and Generate BIM Model Using Civil3D For Roads (Include Curb, Road Marking and Road Signage)
  - Managing and coordinating the creation, modification, and distribution of BIM models (Arch, Structural, MEP, Roads and Underground Utilities).
  - Manage the documentation and standardization of BIM practices, ensuring compliance with industry standards and best practices.
  - Implement BIM processes and best practices across all disciplines, ensuring consistency and accuracy of BIM models and data.
  - Use project models for completely new purposes such as visualizing a project with Virtual or Augmented Reality or presentation of the project as a computer game, demonstrating the versatility and adaptability of BIM tools.

## Personal Info

### Address

RYIADH  
Saudi Arabia

### Phone

056 109 2298

### E-mail

[ahmedessammansour7@gmail.com](mailto:ahmedessammansour7@gmail.com)

## Education

B.E. Civil ENGINEERING, 2019

*Egyptian Russian University*  
*Faculty of Engineering - Cairo*  
– Egypt

Total Grade: Very Good

Graduation Project Grade:  
Excellent

## Licenses & certifications

- Saudi Council of Engineers
- Egyptian Council of Engineers
- Saudi Driving License

- Collaborating with project teams to develop BIM execution plans and standards.
- Provide BIM Training and Support to Project Team Members, As Needed
- Collaborate with The Construction Team to Ensure That BIM Models Are Being Used Effectively to Improve Construction Coordination, Scheduling, And Sequencing
- Work collaboratively with other departments and stakeholders to ensure effective BIM coordination across projects, resolving any clashes and design issues that may arise.

## 2. Technical Office Responsibility:

- Collaborating with Project Team to Generate 2D Drawing Using AutoCAD For Dry Utilities and Wet Utilities
- Managing shop-drawings and coordination between various disciplines
- Collaborating with Project Team to Generate excavation drawings and Survey Sheets
- Raising RFI for any Missing Information on Design Drawings or Specifications.
- Arranging Coordination Meetings with the other project Teams to Solve any Technical Issues
- Collaborating with QS Department to Prepare bill of quantities for the estimation department.
- Checking the tender BOQ and quotations with drawings.
- Ensuring conformance of contract documents, including drawings, BOQ, and specifications.
- Making issue log updated weekly for the technical issues related to site activates.
- Managing and reviewing quantity surveying for the entire project.
- Review material submittals and design from external stakeholders.
- Extracting material take-off from Models for the various work on site and coordinate with the procurement department for the material submittals for approval.

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## Software

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Microsoft Office

Infra Works

Civil 3D

BIM360

Navisworks

AutoCAD

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## Languages

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Arabic

English

**Jun 2022 – APR 2024 Kharafi National – Head Office  
cairo - Egypt**

**BIM Infrastructure - Technical Office Engineer**

**1. BIM Responsibility:**

- Prepare 3D Models Using Civil3D For Dry Utilities and Wet Utilities and Collaborated with MEP And Roads
- Prepare 3D Model Using Civil3D For Roads (Include Curb, Road Marking and Road Signage)
- Managing and coordinating the creation, modification, and distribution of BIM models (Arch, Structural, MEP, Roads and Underground Utilities).
- Provide BIM Training and Support to Project Team Members, As Needed

**2. Technical Office Responsibility:**

- Monitoring actual construction progress for all Company Projects in coordination with project management.
- Prepare 2D Drawing for Wet and Dry Utilities
- Prepare 2D Drawing for Lifting Station (MEP, Civil and Arch)
- Ensuring compliance with contract documents including drawings, B.O.Q, and specifications
- Providing technical guidance to project teams to ensure compliance with shop-drawings requirements
- Coordinating between construction, technical, Procurement and Commercial teams to ensure engineering deliverables meet construction requirements
- Managing shop-drawings and coordination between various disciplines for all Company Projects
- Conducting quantity surveying for the entire project
- Attending progress and technical meetings with consultants
- Developing shop drawings with coordination between architectural, structural, and MEP drawings

**Jan 2021 – Jun 2022 Sky for Technology**  
**Cairo – Egypt Technical Office Engineer**

- Prepare 3D Models Using Civil3D For Dry Utilities and Wet Utilities and Collaborated Roads
  - Prepare 2D Drawing for underground Utilities
  - Preparing requests for missing information on design drawings to support the creation of shop drawings.
  - Following up on the submittal of shop drawings for consultant approval.
  - Creating detailed drawings to support ongoing construction activities in coordination with site engineers.
  - Monitoring the progress of shop drawings, requests for information, and materials schedules.
  - Developing bill of quantities for interior finishing as required by quotations from suppliers.
  - Coordinating with the MEP department to develop coordination drawings.
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**Jan 2019 – Dec 2021 Sky for Technology**  
**Cairo – Egypt**  
**Technical Office Engineer – Site Engineer**

- Prepare 2D Drawing for underground Utilities
- Prepare 2D Drawing for Roads and Hardscape
- Preparing requests for missing information on design drawings to support the creation of shop drawings.
- Following up on the submittal of shop drawings for consultant approval.
- Submit and Follow up Invoices for Consultant and Client Approval
- Supervising the Site Works for Wet Utilities (Potable Water, Irrigation, Fire Fighting, Sewer and Storm)
- Supervising the Site Works for Roads, Curb and Hardscape

**REFERENCES**

- Available upon request.
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