

DiaaEldeen Ahmed Abdulghaffar

Master of Global BIM Management, PMP®
LEED® AP BD+C, FMP, CCNP, CCNAsec

Saudi Arabia: 00966509480014

Email: diaaahmad@hotmail.com

Profile

MEP Sr. Project Engineer and design lead, Master of Global BIM management, 19 years of experience, excellent project management skills, and good knowledge of MEP systems.

Summary of Work Experience

[May 2016 till present \(KAUST\) Saudi Arabia:](#)

- MEP Senior Project Engineer/ Design Lead

[March 2006 to April 2016 \(SBG\) Saudi Arabia:](#)

- Low Current Coordination Engineer

[June 2003 to June 2004 \(TATAS\) Egypt:](#)

- Low Current Project Engineer

Certifications and Courses

Certifications: PMP®, FMP, Procurement CIPP, LEED® AP BD+C, CCNAsec, and CCNP.

Technical courses: Practice use of the FIDIC contracts, FIDIC ADJUDICATOR, BIM, Synchro Pro, Procure, Planning and follow-up, resource management, Root cause analysis, Fire Alarm, HVAC, HAP, ASHRAE HVAC fundamental, Fire Protection, Plumbing, Revit, AutoCAD

Qualifications

- Master Degree : Master of Global BIM Management.
Institute Name : Zigurat Global Institute of Technology/University of Barcelona.
Completed : May 2021.
- Engineering BSCs : Telecommunications and Electronics.
University Name : Zagazig University / Shoubra Faculty of Engineering
Graduation Year : 2003 (Very Good with honor degree).

Personal Detail

- Date of Birth: 16th July 1981.
- Nationality: Egyptian.
- Marital Status: Married.

Language

Arabic: Mother Tongue. English: Very Good.

Software Skills

- **Excellent knowledge:** Microsoft office "Excel, Word, PowerPoint, Expression, Access."
- **Good knowledge:** AutoCAD, Photoshop, Acrobat, Primavera, MEP Revit, HAP, and Elite.

Details of Work Experience

[May, 2016 till present:](#)

KAUST (King Abdullah University for science and technology) KSA, Mega Projects.

Job title: MEP SR. Project Engineer/design lead. (Client representative)

1- Suliman Saleh Olayan Innovation & Entrepreneurship Institute

Project data: New construction building, Design target to achieve LEED gold certification.

Responsibilities:

- Participate in preparing the bidding package and clarifying the enquires during the bidding phase.
- Attend the Jobx meeting.
- Coordinate project design between all disciplines.
- Coordinate the material selection and procurement.
- Supervise the installation, inspections, testing & commission.
- Coordinate with the LEED consultant and CXA during all project stages to confirm project compliance with the Certification requirement.

2- Residential Villas Rectification and modernization.

Project data: To complete a mockup villa, which will be replicated to 2000 Villas.

The building achieved LEED Platinum certification- one of the highest scores worldwide, Geothermal Energy, Solar PV, Water recycling system, and home automation systems.

Responsibilities:

- Participate in collecting project requirements from all stakeholders.
- Coordinate project design between all disciplines.
- Coordinate the material selection and procurement.
- Supervise the installation, inspections and, testing & commission.
- Coordinate with the LEED consultant during all project stages to confirm project compliance with the Certification requirement.

3- Harbor Rectification Project.

Project data: To completely rectify 65 student-housing buildings with a total capacity of 1800 beds

Responsibilities:

- Identify MEP deficiencies that exist within the buildings.
- Prepare and Review related scope and specifications to cover identified deficiencies and to improve systems performance.
- Participate in defining Project schedule and required manpower, for bidding evaluation.
- Participate in the bidding process to award the project to a contractor.
- Manage MEP team members.
- Review design and technical submittals.
- Coordinate project design process among all disciplines and with project stakeholders.
- Follow up on work progress to confirm achieving the project schedule within the budget.
- Develop a quality plan and monitor the project quality index.
- Update project risk registry.
- Attend weekly and monthly meetings with contractors and stockholders.
- Review and evaluate related contractor invoices and variation order requests based on actual site work.
- Supervise Inspections and, testing & commissions.
- Supervise handing over process.
- Assure of submitting project documents and As-Built Drawings.

March. 2006 to April 2016:

SBG (Saudi Binladin Group, headquarter) KSA/Chairman's technical Advisor Department.

Job title: Coordination Engineer in charge of low current systems (client representative).

1- Madinah Haram Extension (January 2015- April 2016).

Responsibilities: Monitor, follow up, and report work progress.

2- Madinah Haram CCTV System Upgrading (October 2011- December 2014).

Project Data: Install 1300 CCTV Cameras, a tracking system for VIP persons, two control rooms, an access control system, a fire alarm, a paging system, and UPS.

Responsibilities:

- Coordinate system design.
- Review technical submittal and approve installation requests.
- Monitor work progress and follow up.
- Supervise QA/QC.
- Prepare weekly/monthly progress reports to higher management and client.
- Manage weekly/monthly meetings with contractors and stakeholders.
- Testing & commissioning.
- Assure submitting project documents and As-Built Drawings.

3- Madinah Haram East Piazza Extension. (June 2006- June 2011).

Responsibilities:

- Monitor work progress, follow up and prepare weekly/monthly progress reports to management and client.
- Testing and commissioning (partially).

4- Madinah Haram Piazza Shading project. (June 2006- June 2012).

Project Data: 250 automatic movable umbrellas with a total shading area of 160,000m² controlled from the Central Control Room. A misting system including two water treatment plants).

Responsibilities:

- Coordinate related system design.
- Monitor work progress, follow-up, and prepare weekly/monthly progress reports to management and client.
- Testing and Commissioning.
- Operation and Maintenance.

5- King Abd-Elaziz Endowment Project. (March 2006-June2006).

Responsibilities: Installation of low current first fix.

From June 2003 to June 2004

TATAS (Tahrir Center for Trade and Service) Panasonic's Agent (EGYPT).

Job title: Project Engineer.

+50 low current projects such as American Collage (Maadi), Air force house, and El-Hussary Masjed

Responsibilities: Site Survey, Prepare Design, Installation, testing & commissioning, and Maintenance of Public Address Systems, CCTV, and Access Control Systems.