

Ahmed Mohammed Sulaiman Hussain Mohammed Al Marzooqi, PMP



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Personal summary

A competent Project Engineer with excellent communication, organization and team work

Co-ordination skills. Possessing a proven track record of preparing and executing project plans, and ensuring that work is carried out in accordance with the companies' procedures and client's satisfaction. Able to ensure timely, safe and cost effective design and implementation during the life cycle of projects from concept till customer satisfaction within a team work spirit.

Career Objectives

To utilize my technical project management, team work, and analytical skills for achieving required targets and developing the best performance practice in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

Education and Professional certificates

- B.Sc. Degree in Electrical Engineering - UAE University-2012
- FIDIC 2017 suite of agreements-2018
- Project management professional (PMP)-2019
- Diploma in judicial experience - 2020

Key Skills and Competencies

- Experience of interpreting specifications and preparing technical proposals.
- Ability to multi-task in a demanding engineering environment.
- A strong track record in delivering projects on time, quality, and within the budget.
- Able to ensure that all health, safety, and environment procedures are met and maintained.
- Resolving complex technical issues and coming up with fast efficient solutions
- Good logical and analytical skills
- Behavioral and emotional intelligence

- Efficient Team player & leader
- Ability to handle pressure and concentrate on goal
- Strong negotiating skills
- Good analytical approach
- Good legal and contractual background

Computer Skills

- Matlab
- Orcad
- Microsoft office

Work experience

- **Chairman's assistant , Almarzooqi Consultancies Management**
www.almc.ae –Part time (2017 until now)

Duties:

- Analysing construction contracts and disputes
- Evaluation of products and executed projects under dispute
- Communication with court system
- Reviewing Court Expert's reports

- **Power operation supervisor-Power operation department- Emirates Global Aluminium company(EGA)**
(2012 to 2014) Full time

Duties:

- Supervise and coordinates daily activities of the operating and maintenance staff.
- Direct the implementation of the Operating Plan and Maintenance Program and identify those areas which may need improvement or further development
- Respond to upset conditions and take necessary corrective actions
- Ensure that start up and shut down procedures for all plant equipment and processes are properly implemented.

- **Senior project engineer-Major project department- Emirates Global Aluminium company (EGA)**
(4-Aug-14 until now)

Duties:

- Manages small to medium size projects from inception to handover.
- Reviewing project proposals and plans.
- Reviewing design, specifications, and plan and schedule changes.

- Maintains safe and clean working environment by enforcing procedures, rules, and regulations.
- Supervising commissioning activities and maintaining high workmanship standards.
- Supervise construction activity to ensure the project execution is in line with technical specifications.
- Actively participates in checking the readiness of project drawings, operating and maintenance manuals and other final documents at the project completion stage.
- Attend clarification meetings with Clients.
- Actively participates in monitoring progress against the project schedule and budget.
- Raises project scheduling and budget concerns with first line manager and manages corrective actions. Lead coordination between operation and consultants.
- Coordinates with operations to complete the scope aspects of the projects by actively participates in formulating and evaluating solutions to ensure alignment.
- Review and advices on fabrication, shop drawings and material submittals by contractors.
- Participate in design review meetings with EPC/EPCM/consultants and contributes to design optimization and the value engineering program
- Supports POV activities to ensure project is smoothly handed over to operation on schedule
- Drives continuous improvement of initiatives to ensure project quality is of a best practice standard.

Projects:

❖ **Swing unit Rectifier:**

- Supply, Installation and commissioning of Auto-Regulating / Rectifier Transformer complete with cooling system and Rectifier unit, 50 kA, 0-1500 VDC complete with cooling system.
- Supply and Installation of 132 kV power cables, cable sealing ends (for both ends)
- Modification and upgrade of existing DC busbar transfer link
- All civil work associated with the supply of new busbar supports and the modification of existing busbar supports
- Replacement of existing PL3 main DC metering unit
- Supply and installation of Fire Protection and Detection System
- Modification and upgrade to PL1 and PL3 existing Master Control Panels (MCP)

❖ **CFD Study –Busbar Temperature Rise Modeling**

- A detailed temperature rise study inside PL3 DC busbars tunnel considering all possible scenarios of natural ventilation using computational fluid dynamics (CFD).

❖ **400V LV Switchgear Replacement:**

- Design, manufacture, test, supply 400V Switchgear at SS454

- Installation and commissioning of available Temporary LV Switchgear.
 - Transfer of all loads from existing LV Switchgear to temporary board.
 - Dismantling of existing LV Switchgear.
 - Installation, testing and commissioning of new main 400V Switchgear.
 - Transfer of all loads from temporary to main 400V Switchgear.
 - Load Flow / Short Circuit / Co-ordination / Stability Studies.
- ❖ **Replacement of Existing 40KVA UPS system:**
Supply and commission 40kVA UPS with 4 hours' battery backup for PL 1&3 - 4 Nos in total. Air-conditioning upgradation. Civil works as required to fit the new UPS systems with free space for maintenance access. Decommissioning of old UPS and batteries.
- ❖ **Building new substation SS961 in JA:**
- Design, manufacture, supply, delivery, install and commission 11KV MV switchgear, Relay & Control Panels including dedicated Arc protection relay
 - Design, manufacture, supply, delivery, install and commission of new 33/11kV 25MVA Transformers
 - New substation building with all building services.
 - Installation of mechanical and automation works related to the HVAC, Fire detection and protection system

Membership Societies:

- IEEE society
- PMI
- PADI
- FII

Interests

Scuba diving, free diving, fishing and Reading.

References

- Dr. Nabil Bastaki
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- Dr. Ahmed Gouda
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- Masoud Salmanpoor
Senior manager in capital projects –EGA