

Dubai, 15.07.2024

10 - Design Engineer – Substation (MEP)

Quantum Innovative Building Contracting is a leader in the UAE construction and engineering industry, known for our commitment to excellence and innovative solutions in building substations, power plants, and other infrastructure projects. We leverage cutting-edge technology and sustainable practices to ensure high-quality outcomes. Learn more about our mission and projects at www.quantum.site.

Job Overview:

We are seeking a skilled MEP Design Engineer with a strong background in substation projects to join our team. The successful candidate will be responsible for the complete design of fire fighting and HVAC systems tailored to the needs of our substation and power distribution projects.

Responsibilities:

Design and review pipe sizing calculations and pipe routing for fire fighting and HVAC systems.

Coordinate with various departments to integrate fire fighting and HVAC systems into overall project designs.

Manage project schedules from the initial phase to ensure timely progress and adherence to deadlines.

Review and monitor quantity escalation and report timely to management for necessary action.

Interact with clients for drawing approval and clarification, and collaborate closely with the site for practical drawing implementations.

Propose optimization ideas during the pre-bid stage to reduce the Bill of Systems cost.

Ensure design conformity to ISO quality standards and contractual technical specifications.

Minimum Qualifications:

Bachelor of Engineering (B.E.) / Bachelor of Technology (B.Tech.) in Mechanical Engineering, or Master of Technology (M.Tech.) in HVAC Engineering.

3-7 years of experience in MEP design within the construction industry, preferably with site experience.

Preferred Skills:

Proficiency in AutoCAD and MS Office.

In-depth understanding of HVAC and fire fighting system design, including hydraulic calculations and pressure drop calculations.

Experience in AIR INSULATED SUBSTATIONS (AIS) and GAS INSULATED SUBSTATIONS (GIS).

Knowledge of new technologies for design optimization and how to select HVAC and FFPH equipment and accessories.

Technical Expertise:

Capable of executing detailed MEP designs and reviewing vendor engineering documents.

Familiar with international design codes and standards.

Behavioral Attributes:

Innovative thinker with a market foresight.

Strong interpersonal skills to collaborate and influence internal and external stakeholders.

Dedicated to quality control and on-time delivery of projects.

What We Offer:

Opportunity to work on significant projects with a leading engineering firm.

Competitive compensation and a dynamic work environment.

Application Process:

Interested candidates are encouraged to send us their CV per e-mail, together with the completed questionnaire, highlighting their experience and suitability for the role.

Quantum Innovative Building Contracting is an equal opportunity employer dedicated to fostering a diverse and inclusive work environment.