

Dubai, 15.07.2024

### **03 - Design Engineer (Primary) - Substation (Electrical)**

Quantum Innovative Building Contracting is a leading engineering and construction firm based in Dubai, specializing in innovative and sustainable infrastructure projects. We are committed to delivering high-quality solutions that meet the evolving needs of the modern world. Find out more about our mission and services at [www.quantum.site](http://www.quantum.site).

#### **Job Overview:**

We are currently seeking a skilled Design Engineer (Primary) with expertise in substation and power distribution projects to join our team. The successful candidate will be responsible for the primary engineering aspects of substation design under the guidance of the Primary Design Lead.

#### **Responsibilities:**

Prepare and review substation layout designs and assist in the development of BIM 3D models. Coordinate design activities with cross-disciplinary teams, including Civil, Structural, MEP, and Instrumentation departments.

Ensure design compliance with project specifications and quality standards.

Review and validate drawings, documentation, and vendor offers.

Perform detailed design calculations for substation equipment and infrastructure.

Engage with site execution and cluster teams to resolve design-related issues.

#### **Minimum Qualifications:**

Bachelor's degree in Electrical / Electrical & Electronics Engineering (Full-time with English as the medium of instruction).

3-7 years of experience in primary engineering design for substations and power distribution projects.

#### **Preferred Skills:**

Proficiency in ETAP, PSCAD, CYMGRD, and Dialux.

Experience with projects in the Middle East, Africa, and ASEAN countries.

Fluent in English with excellent communication skills.

#### **Technical Expertise:**

Thorough understanding of primary engineering activities including SLD preparation, earthing, cable routing, and protective measures.

Knowledge of national and international codes and standards.

#### **Behavioral Attributes:**

Proactive and innovative with the ability to anticipate client needs.

Strong problem-solving skills and the ability to work collaboratively.

Commitment to delivering accurate and timely results.

#### **What We Offer:**

A dynamic work environment where innovation is at the heart of everything we do.

Competitive compensation and opportunities for career advancement.

#### **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.