

Dubai, 15.07.2024

## **04 - Design Engineer (Secondary) – Substation (Electrical)**

At Quantum Innovative Building Contracting, we are dedicated to reshaping the landscape of construction and engineering through innovative solutions and sustainable practices. Based in Dubai, we engage in cutting-edge projects across various sectors. For more information about our vision and projects, visit our website at [www.quantum.site](http://www.quantum.site).

### **Job Overview:**

We are looking for a skilled Design Engineer (Secondary) to join our dynamic team. The candidate will be responsible for executing secondary engineering activities for substation projects, focusing on protection, control, and automation systems under the guidance of the Secondary Design Lead.

### **Responsibilities:**

Review and execute secondary engineering deliverables, ensuring compliance with project specifications. Coordinate with vendors to finalize equipment specifications and address any technical queries. Collaborate with site execution teams and primary design engineers to ensure seamless project execution.

Perform detailed design calculations for CT/VT and battery sizing, develop DC & AC single-line diagrams, and review them with the Design Lead.

Manage pre-tender engineering tasks, including bill of materials estimation and review of secondary equipment offers.

### **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 secondary engineering for substation projects.

### **Preferred Skills:**

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

Proficient in ETAP, PSCAD, CYMGRD, and MS Office.

### **Technical Expertise:**

Comprehensive understanding of secondary engineering activities including protection and control scheme drawings, SCADA, and burden parameters calculations.

Familiarity with national and international codes and standards.

### **Behavioral Attributes:**

Proven ability to innovate and drive new initiatives.

Strong analytical and problem-solving skills, with a focus on accuracy and timeliness.

Ability to collaborate effectively with both internal and external stakeholders.

### **What We Offer:**

The opportunity to be part of a forward-thinking company that values innovation and sustainable practices.

A competitive compensation package and a supportive 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.