

Dubai, 15.07.2024

08 - Senior Design Engineer – Substation (Civil & Structural)

Quantum Innovative Building Contracting is a leading construction and engineering firm based in Dubai, renowned for its innovative approaches and commitment to sustainability. We specialize in a wide range of construction projects, including power transmission and substation developments. Learn more about our mission and projects at www.quantum.site.

Job Overview:

We are looking for an experienced Senior Design Engineer to lead our Civil & Structural team in the Power Transmission and Distribution (PT&D) sector. The successful candidate will be responsible for the analysis, design, and oversight of civil and structural works for substations ranging from 33kV to 765kV.

Responsibilities:

Lead the preparation and review of design documents and detailed engineering drawings.
Submit structural drawings and design documents to clients for approval.
Coordinate with site teams and clients to meet design and drawing requirements.
Optimize structural quantities to meet bidding constraints while fulfilling client requirements.
Prepare and check Bill of Quantities (BOQ) and materials based on project specifications and past projects.
Interact with clients for drawing approvals and provide clarifications as needed.

Minimum Qualifications:

B.Tech in Civil Engineering or M.Tech in Structural Engineering.
6 to 10 years of experience in the design and engineering of substations and related structures in industries such as oil and gas, fertilizers, cement, and construction.

Preferred Skills:

Proficiency in STAAD, ETABS, SAFE, and knowledge of AutoCAD and Revit.
Experience with TEKLA and other structural detailing software is advantageous.
Familiarity with both domestic and international design codes and standards.
Experience in engineering projects in the Middle East, Africa, and ASEAN countries.
Fluent in English, with excellent communication skills.

Technical Expertise:

Capable of performing analysis and design of GIS substations, control room buildings, transformer foundations, and other related structures.
Knowledgeable in steel structures, RCC structures, and geotechnical aspects of substation design.

Behavioral Attributes:

Strong leadership capabilities and the ability to drive team performance.
Innovative thinker with a focus on customer satisfaction and sustainable partnerships.
Proven ability to manage multiple projects and meet deadlines.

What We Offer:

Opportunity to work with a dynamic team on challenging projects in the UAE and internationally.
Competitive compensation package and opportunities for professional growth.

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.