

Dubai, 15.07.2024

06 - Engineering Lead – Wind Farm (Civil & Structural)

Quantum Innovative Building Contracting is a leader in engineering and construction services in the UAE, specializing in innovative and sustainable solutions across various sectors including renewable energy. We are dedicated to excellence and innovation in all our projects. Learn more about our work and mission at www.quantum.site.

Job Overview:

We are seeking a skilled Engineering Lead with specialized experience in Civil and Structural Engineering for Wind Farms. This role involves leading design and engineering efforts for wind turbine generator (WTG) foundations, substations, and associated structures, ensuring high-quality deliverables in line with project specifications and timelines.

Responsibilities:

Manage and oversee the Civil & Structural design and engineering of wind farm projects, including WTG foundations and substations.

Coordinate with external design consultants and internal teams to ensure optimal design solutions and timely delivery of engineering outputs.

Lead the preparation and approval of engineering plans, BOQs, and design drawings, ensuring compliance with international and domestic codes.

Facilitate engineering solutions that contribute to overall cost optimization and project efficiency.

Address and resolve site-related engineering issues in collaboration with project execution teams.

Engage with clients and consultants to obtain necessary approvals and ensure customer satisfaction.

Minimum Qualifications:

Graduate degree in Civil Engineering or a Postgraduate degree in Structural Engineering.

3 to 10 years of engineering and design experience in wind farm structures, including experience with FEM software (ANSYS, ABAQUS, etc.).

Preferred Skills:

Proficiency in analysis and design software such as ANSYS, SAP, STAAD, and ETABS.

Experience with AutoCAD, Inroadworks, and Revit.

Strong project management skills and experience in the Middle East, Africa, and ASEAN countries.

Fluent in English with excellent communication skills.

Technical Expertise:

Expertise in dynamic analysis of WTG foundations and heavy machine foundations.

Knowledge of international codes and standards (IEC, American, Euro, DNV GL guidelines, etc.).

Ability to perform detailed design and detailing of RCC and steel structures related to substations and cabling works.

Behavioral Attributes:

Innovative thinker with a knack for identifying and leveraging opportunities.

Strong leadership skills with the ability to influence internal and external stakeholders.

Committed to delivering projects on time and within budget while fostering a culture of safety and quality.

What We Offer:

A chance to be part of a forward-thinking company leading the charge in renewable energy projects.

Competitive compensation 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.