

Dubai, 15.07.2024

12 - Design Engineer – Road works (Civil & Structural)

Quantum Innovative Building Contracting is a leading engineering and construction firm based in Dubai, known for delivering innovative and sustainable infrastructure projects. Our expertise spans various sectors including renewable energy, with a focus on wind farms and associated civil works. Learn more about our mission and projects at www.quantum.site.

Job Overview:

We are seeking an experienced Design Engineer specializing in road works for civil and structural projects related to wind farms. The successful candidate will be responsible for the design and engineering of roads, hard stands, grading, storm water drains, and other related infrastructure.

Responsibilities:

Lead the preparation and implementation of engineering plans, ensuring alignment with project specifications and timelines.

Prepare a master list of deliverables covering the project scope and facilitate engineering solutions for cost optimization.

Coordinate with external design consultants to ensure timely and accurate deliverables.

Collaborate with clients and consultants to obtain approvals and ensure compliance with technical requirements.

Manage the design and engineering activities, ensuring they are completed within budget and delivered on time.

Support project teams in understanding and implementing contract specifications, optimizing designs, and addressing site issues.

Prepare and verify Bill of Materials (BOM) and ensure design drawings meet relevant standards and codes.

Participate in periodic project reviews to address engineering progress and resolve issues.

Minimum Qualifications:

Graduate degree in Civil Engineering.

6 to 10 years of engineering and design experience, particularly in wind farm Balance of Plant (BoP) works.

Experience in designing gravel, asphalt, and concrete roads as per AASHTO and other international standards.

Preferred Skills:

Proficiency in STAAD Pro and knowledge of AutoCAD, Civil 3D, InfraWorks, and Revit.

Strong project management and communication skills.

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

Fluent in English, with excellent reading, writing, and speaking skills.

Technical Expertise:

Capable of performing design and engineering activities for civil and infrastructure works related to wind farms.

Knowledgeable in domestic and international design methodologies and standards.

Experienced in assessing site conditions and ensuring engineering deliverables meet site-specific requirements.

Proficient in designing various types of roads and detailing buildings, grading, drainage systems, and cabling works.

Behavioral Attributes:

Innovative thinker with a focus on quality control and timely delivery.

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

Dedicated to continuous learning and professional development.

What We Offer:

Opportunity to work on significant projects in a dynamic and supportive environment.
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.