

Dubai, 15.07.2024

## 09 - Engineering Lead – Geotechnical

Quantum Innovative Building Contracting is a leading construction and engineering firm in Dubai, specializing in advanced and sustainable infrastructure projects. Our expertise spans various sectors including substations, transmission lines, and renewable energy. Discover more about our groundbreaking projects and core values at [www.quantum.site](http://www.quantum.site).

### Job Overview:

We are seeking an experienced Engineering Lead with a strong background in geotechnical engineering to provide innovative and cost-effective solutions for our projects. This role involves leading the geotechnical design and analysis for various civil engineering projects, including substations, transmission lines, and renewables.

### Responsibilities:

Lead geotechnical engineering activities, ensuring timely and cost-effective solutions.  
Coordinate with other disciplines and project teams to ensure integration and compliance with project specifications.  
Conduct soil stability analysis, foundation recommendations, and ground improvement methods.  
Interact with clients and project teams to get approvals and ensure alignment with technical requirements.  
Lead risk analysis, make clear decisions, and issue manufacturing clearances after thorough evaluation.  
Contribute to seminars and papers in the field of geotechnical engineering.  
Network with research institutions for the development of new methodologies that optimize cost and time.

### Minimum Qualifications:

Postgraduate degree in Geotechnical Engineering.  
6 to 10 years of experience in geotechnical analysis and design, particularly in the context of large-scale infrastructure projects.

### Preferred Skills:

Proficiency in geotechnical engineering software like Plaxis, GEO5, SLOPE/W, LPILE.  
Familiarity with analysis and design software like STAAD, ETABS, SAFE, and MAT3D.  
Experience with AutoCAD, InfraWorks, and Revit.  
Strong project management and communication skills.  
Experience in engineering projects in the Middle East, Africa, and ASEAN countries.

### Technical Expertise:

In-depth knowledge of soil mechanics, soil exploration, and testing techniques.  
Expertise in slope stability analysis, foundation design, and the application of geosynthetics.  
Familiarity with domestic and international engineering codes and standards.

### Behavioral Attributes:

Strong leadership and the ability to drive innovation within the team.  
Customer-focused with the ability to anticipate project needs and deliver solutions that meet client requirements.  
Ability to work collaboratively with internal and external stakeholders.

### What We Offer:

The opportunity to lead challenging projects in a dynamic environment.  
A 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.