

Job Code	
Job Title	Lead Geotechnical Engineer
Reporting To	Head Of Geotechnical
Summary:	The Lead Geotechnical Engineer is responsible for overseeing and managing all aspects of geotechnical design for engineering projects. This position involves leading project teams, providing technical expertise, and delivering innovative geotechnical design solutions to ensure structural stability, safety, and performance. The Geotechnical Design Manager will work closely with project managers, engineers, and stakeholders to meet project objectives, budgets, and regulatory standards.
Key Responsibilities	<ol style="list-style-type: none"> Project Leadership: Lead and manage the geotechnical design process for various projects, providing guidance and direction to the design team. Site Investigations: Coordinate and manage geotechnical site investigations, including drilling, sampling, and testing, to analyze subsurface conditions. Geotechnical Analysis: Oversee advanced geotechnical analysis to assess foundation stability, slope stability, soil behavior, and other key factors that impact design decisions. Design Solutions: Develop and approve innovative, cost-effective geotechnical design solutions for structures such as foundations, retaining walls, tunnels, and embankments. Risk Management: Identify potential geotechnical risks (e.g., landslides, liquefaction, seismic activity) and develop mitigation strategies. Regulatory Compliance: Ensure that all geotechnical designs meet industry standards, local building codes, and regulatory requirements. Team Collaboration: Work collaboratively with project managers, architects, structural engineers, and other key stakeholders to ensure seamless integration of geotechnical designs into the overall project. Client Interaction: Serve as the primary point of contact with clients regarding geotechnical aspects of the project, addressing concerns and providing design updates. Quality Assurance: Oversee quality control processes and review geotechnical reports, design plans, and calculations for accuracy and compliance. Continuous Improvement: Stay informed on the latest trends and technologies in geotechnical engineering, promoting continuous improvement within the team.

Qualifications and Skills:	<ul style="list-style-type: none"> • Bachelor's degree in Civil Engineering, Geotechnical Engineering, or related field. Master's degree preferred. • Minimum 10 years of experience in geotechnical engineering with a focus on design and project management. • Proficiency in geotechnical software (e.g., PLAXIS 2D/3D, Settle3, WALLAP .Slide, GeoStudio) and design tools. • Strong knowledge of soil mechanics, foundation engineering, and geotechnical design principles. • Proven leadership and project management skills with a track record of managing large, complex projects. • Excellent problem-solving, analytical, and decision-making abilities. • <u>Strong communication skills with the ability to work effectively with multidisciplinary</u>
Languages	<p>Language Ability:</p> <ul style="list-style-type: none"> • English: Read, Spoke and written is a must • Arabic: Read, Spoke and Written is a must • French: Read, Spoke and Written is a plus
Personal Attributes	<p>Protect the company's brand image and follow confidentiality</p> <ul style="list-style-type: none"> • Responsibility to keep the company's good brand image, irrespective of where they are working (at the site or office) by wearing proper attire as per the procedure of ACTS, be presentable at the workplace and keep their workplace neat and tidy. Responsible to follow the confidentiality and impartiality procedure of ACTS.

Employee Acknowledgement					
Name		Signature		Date	

HR Acknowledgement					
Name		Signature		Date	