

JOB DESCRIPTION

Job Title	Geotechnical and Geo-Environmental Engineer
Reports To	Principal Team
Date Reviewed	August 2023
Experience	1 - 2 Years Minimum
Salary range	£26,000 - £33,000. Commensurate with experience
Location	Hybrid (2 days Alton office, 3 days working from home) Site travel will be required
Employment Type	Permanent, Full Time

Our Company

A highly skilled, independent, specialist geotechnical and geo-environmental consultancy is looking for an experienced Geotechnical or Geo-environmental Engineer to become a trusted member of their Engineering team.

The Role

The role will involve confidently managing your own case load of geotechnical and geo-environmental projects from start to finish. You will be involved in a wide variety of projects for highly respected clients at both geotechnical and geo-environmental fields.

The role requires proactive project management, client communication and providing technical solutions in a fast-paced, deadline driven environment.

Main Duties:

- Travelling to meet clients and evaluation of sites.
- Organisation of intrusive investigations, including health and safety aspects, and proactively managing and instructing subcontractors and site operations.
- Complete and/or supervisor site work, e.g., trial pitting, soakage testing, soil logging of trial pits and boreholes to BS5930/Eurocode 7, groundwater/ground-gas monitoring, appropriate sampling and scheduling of testing of soil/water samples.
- Provide a consultative approach to engineering, advising, and recommending solutions through proactive communication with clients, subcontractors and local authorities / EHOs.
- Preparation of Phase 1 Desk Studies and occasionally Flood Risk Assessments.
- Phase 2 intrusive investigations - collection of data and report writing, independent preparation of factual and interpretative reports on intrusive investigations, basic foundation design to include calculation of bearing pressures and estimating settlement.
- Preparation of Basement Impact Assessments
- Carry out qualitative and quantitative contamination risk assessments.

- Phase 3 contamination remediation strategies and validation work, including on-site supervision of remediation and carrying out verification reporting of remediation.
- Assisting with sales function; qualifying leads, recommending solutions to potential customers based on their needs and challenges, issuing quotes, and following up where required.

Once role proficiency has been established, opportunities for progression include:

- Mentoring graduates Engineers
- Leading a team of Engineers
- Supporting in highly specialist projects under the supervision of Senior Engineers
- Delivering internal and external CDP sessions
- Undertaking QA work
- Responding to and writing fee proposals
- Assisting the growth and development of Ground & Water Ltd.

The role will be subject to monthly and quarterly KPI's.

Person Specification:

Minimum Criteria	Desirable Criteria
<p>Qualifications:</p> <p>Minimum degree (BSc (Hons)) qualified in Geology, Civil Engineering, Geo/Environmental Science, Soil Mechanics, or Similar.</p>	<p>Preferably an MSc/M.Geol/MSci in Geology, Engineering Geology, Geo/Environmental Science, Soil Mechanics, Civil Engineering or similar.</p>
<p>Knowledge and Experience:</p> <p>Minimum of 1 - 2 years industry experience working as a geotechnical/geo-environmental engineer.</p> <p>Experience managing site works, appropriate sampling techniques and logging soils/rock to current guidance.</p> <p>Experience of the production of factual and interpretive reports, including CSMs.</p>	<p>Member of an appropriate professional body and considering Chartered status in the future.</p> <p>Previous experience within the UK regulatory and design environment.</p> <p>Experience proactively and independently managing projects.</p> <p>Working knowledge of HoleBASE SI and/or other Geotechnical Software (bearing capacities, settlements, slope stability (Geostru) /Ground</p>

<p>Experience proactively managing projects (under supervision).</p> <p>Experience working calmly in a busy work environment.</p>	<p>movements (Pdisp/Xdisp) / environmental-related software (Hazwaste, CLEA).</p> <p>Experience with lead qualification and quoting.</p>
<p>Skills and Abilities:</p> <p>Proficient in the use of Microsoft Office Suite.</p> <p>Full clean UK driving licence.</p> <p>Applicants must be eligible to live and work in the UK.</p> <p>Analytical and proactive problem-solver.</p> <p>Strong, professional written and oral communication, notably with clients.</p> <p>Thorough planning, organisation, prioritising, and time management skills.</p> <p>Accurate approach to work with an attention to detail and follow-through.</p> <p>Adaptable and capable of managing own workload to produce a consistent and quality service to clients' requirements.</p> <p>Ability to communicate effectively with clients and subcontractors.</p>	<p>Able to work to budgets and manage time effectively.</p> <p>Commercial awareness to manage project budgets.</p> <p>Demonstrated ability to be a consultative engineer when recommending solutions and discussing needs and challenges.</p>
<p>Personal Qualities:</p> <p>A strong work ethic with high standards for quality.</p> <p>Positive attitude to learning and development.</p> <p>Out-going, personable, and professional manner.</p> <p>Reliable and committed team player, willing to help and support others where needed.</p>	

geotechnical and environmental consultants

