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Electrical Engineer Water sector

The Role:

As an Electrical Engineer you will be involved in problem solving across the client's asset base, from analytical sensors to high voltage motors. The diversity of electrical assets is exceptional and every day you will have a new challenge. You will use your technical electrical knowledge, mathematical and design skills to create innovative solutions to problems across this diverse range of water sector assets. You will specify and design solutions for new and existing challenges, manage supply chain companies, and shape the client's future.

To succeed you will need to develop a strong technical knowledge, as well as problem solving, communication, leadership and project management skills. Flexibility is essential as the challenges faced require compromise and creativity.

You will need to take pride in providing a high quality service and adopt a caring approach towards people and our environment.

Key Responsibilities:

As an Electrical Engineer you will be required to:-

Liaise with clients to identify their requirements.

Assist in the development of new electrical standards for clients and Barhale.

Investigate and undertake analysis on how to improve existing assets and undertake complex calculations in your field..

Summarise scientific and engineering principles in an easy to understand manner and write technical reports to summarise findings.

Cover the concept, specification, tender and development of new projects.

Use CAD systems to design and specify projects.

Identify new systems and processes to drive quality, efficiency and save costs.

Communicate effectively with the clients, colleagues and contractors involved in a project. Plan effectively to ensure projects are delivered on time, to standard and to budget.

Apply the principles of prevention to produce safe solutions.

Key measures & targets:

Produce Electrical Designs that are safe, buildable, to time and budget.
Work to contract specific KPI's.

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Key relationships:

Assisting Design Engineers
Reporting to the Design Manager
Liasing with Project Engineers, Delviery Electicians, Clients, and supply chain.

Person Specification:

The successful candidate is likely to meet all of the following criteria:

Essential

Have a degree in a relevant technical subject such as electrical engineering.
Subject specific technical knowledge and expertise.
An eye for detail and a methodical work process.
Time management, organisation, and the ability to work to deadlines.
Analytical and numeracy skills

Desirable

Creative problem solving ability.
A flexible approach to work and the ability to adapt to change.
Driven, self-motivated attitude and the ability to use initiative.
Commercial awareness of your specialist area of engineering
IT and specialist design package knowledge

Benefits:

As well as offering a competitive salary, remuneration for this role includes flexible benefits, which provides a range of guaranteed benefits including but not limited to:

- 5% Company pension contribution
- Life Assurance at 2 x notional salary
- Single persons private medical cover
- Permanent Health Cover

About Barhale:

Barhale is one of the largest privately owned infrastructure specialists in the UK and was originally formed in 1980 as a specialist tunnelling contractor diversifying over the years into various civil engineering areas. Barhale works UK-wide across the water, transport, energy and developer services sectors providing design, construction and maintenance services under long-term contracts, with blue-chip public, regulated and private clients. The company employs over 600 people in the UK, has an annual turnover of £120m and a distinctive set of values that are fundamental to our approach to business sustainability.

Our business activity is carried out for the following principal sectors:

Water: Civil Engineering, Tunnelling, Pipelines and Utilities

Transport: Rail, Aviation, Waterways, Highways and Bridges

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Energy: Power Generation, Power Transmission and Distribution, Waste
Developer Services: Civil Engineering across private sector developers UK wide
Specialist Businesses: Tunnelling, Mechanical and Electrical and Barhale Construction Services (BCS Group)

How to apply:

Please send your current CV and covering email outlining your suitability for the role and quoting the reference number to careers@barhale.co.uk.

We are an equal opportunities employer. We are determined that no job applicant or employee receives less favourable treatment on the grounds of sex, pregnancy or maternity, gender re-assignment, sexual orientation, religion or belief, marriage or civil partnership, age, race or disability. All information will remain confidential to Barhale and will be handled in accordance with the requirements of the Data Protection Act.