



Mechanical Engineer – Cambridge Relocation Project

The Role:

Here within the @one Alliance we are a totally collaborative organisation made up of seven partner companies and our extended supply chain.

With an ever-growing population and increasing customer expectations across the region, a number of exciting and career enhancing projects are being undertaken to create a forward-thinking, sustainable and industry-leading Water and Water Recycling Service. One of these projects is the Cambridge Relocation Project.

The Cambridge Relocation is a project to build a new Water Recycling Centre (WRC) & Sludge Treatment Centre (STC) for Cambridge such that the land of Anglian Water's existing WRC can be developed to create new housing and Infrastructure in collaboration with key stakeholders. We are responsible for the Design, Construction & Commissioning of a host of activities and require the most enthusiastic and talented team to make this a successful project.

As you'd expect with the excitement of building a new WRC and STC, there are a host of complex mechanical processes which require planning and executing to the highest standards. To drive and own the mechanical engineering aspects of this project from inception to completion, we are looking for an experienced and forward-thinking Mechanical Engineer to join the team!

What will you be doing as our new Mechanical Engineer?

As our new Mechanical Engineer, you'll work closely with the Technical Manager to ensure we deliver first in class mechanical engineering processes, ideas and execution which push the boundaries of innovation whilst remaining compliant and Health & Safety focussed.

Key Responsibilities:

- Lead the preparation and analysis of key mechanical options, for review and agreement with the client and key project stakeholders ensuring risks and gaps are mitigated whilst always upholding the Project Basis of Design
- Design calculations facilitating the sizing of mechanical, hydraulic, power generating and building services equipment
- Liaise with the supply chain to ensure the latest technologies are assessed and understood as part of the optioneering process
- Collaborate with the design team to develop 3D models and solutions
- Oversee the outputs for a number of processes including P&IDs and Data sheets. HAZID and HAZOP studies and mechanical input into commissioning plans, including proposed performance tests
- Support the Technical Manager in the drive towards excellence in Health & Safety, demonstrating applied knowledge and skills to produce safe designs to discharge your obligation according to CDM Regulations and standards

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- Ensure all technical work is carried out to the highest standard by embracing Project 13 and NIC “Good Design” Principles and use them to influence how we structure our design delivery
- Identify and promote opportunities to meet the project digital, sustainability, innovation and people objectives

Person Specification:

To join us on this unique project, you’ll be educated to degree level and have experience within the water industry, preferably in wastewater treatment. A track record in delivering mechanical engineering major wastewater treatment and bio solids treatment projects would be advantageous.

With strong communication skills, you’ll have excellent stakeholder management skills and champion collaboration to tackle challenges and obstacles which could hinder our objective of outperformance. Demonstrating strong IT skills, you’ll marry your technical and people skills to deliver the best mechanical engineering facility to your stakeholders on a regular basis.

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

In addition you may be eligible for entry into the Company’s non-contractual bonus scheme, based upon, among other things, the performance of the employee and of the business unit and/or Company.

About Barhale:

Barhale is one of the largest privately owned civil engineering and infrastructure specialists with 40 years’ experience working UK-wide across the water, transport, built environment and energy sectors. Founded by our Chairman, Dennis Curran in 1980, the group was originally set up as a specialist tunnelling contractor. Whilst we retain our tunnelling roots, repeated success in several sectors of the construction industry has enabled us to expand our skill set and become one of the largest privately owned infrastructure specialists in the UK.

What we do

We provide design, construction and maintenance services to the following sectors;

- Water
- Transport
- Energy
- Built Environment

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We also possess a range of specialist skills to support our civil engineering and infrastructure activities including

- Tunnelling
- MEICA capabilities
- In-house design
- A steel-fabrication and supply subsidiary (BCS Group)

Who we are

Barhale operate as a tier 1 partner for blue chip, regulated and private clients. We work as part of large frameworks, joint ventures and alliances, as well as on individual projects developing long-standing relationships based on Trust, Integrity and Pride.

Our People

We employ a direct workforce of over 800 employees nationwide. We recognise that our business is only as good as the people we employ, which is why we value them so highly and invest in regular training and development, utilising our dedicated training facility in Walsall.

How to apply:

Please send your current CV and covering email outlining your suitability for the role 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.