

# come and work with us



## Civil Discipline Engineer

### The Role:

The purpose of this role includes carrying out optioneering and detailed design for infrastructure projects, under the management of a Technical Manager, based in our client's co-located office in Peterborough. We require engineers with the experience to deliver predominantly wastewater projects, but also some clean water ones. You will ensure that the solutions developed give the best whole life value to the client. The Civil Discipline Engineer will also plan enabling activities to ensure timely work packages for the construction teams, which are safe to construct using off site and modular building techniques. The role will include providing technical support during the construction phase and also during project close out.

Projects are likely to centre around the design sewerage networks, including gravity sewers, pumping stations, rising mains and storage facilities. Some projects may involve water main design. Engineers with experience predominantly in wastewater but ideally in both sectors are required.

### Key Responsibilities:

#### Technical design

Develop a range of solutions for each project, to take through the client's Risk & Value process

Appraise options based on technical requirements, physical considerations, carbon impact and whole life value

Undertake preliminary designs for pricing

Prepare outline solutions, detailed technical designs (including calculations, specifications, drawings, risk assessments and pre-construction information), working the construction teams to deliver robust and efficient solutions

Liaise with the enabling team to identify critical scheme constraints and impact on time/costs

Ensure design outputs meet CDM/health & safety/environmental excellence and compliance

#### Technical support

Provide technical information/advice

Propose and/or develop value engineered solutions (during optioneering and design phases)

#### Administrative support

Support estimators in providing sufficient and timely information to enable pricing of solutions

Support the wider project delivery team

Ensure provision of prescribed project deliverables

#### Other/general

Liaise with customers/suppliers/third parties as necessary

Assist with promoting best practice

Assist with promoting the Company to customers

### Key measures & targets:

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The Barhale logo consists of a yellow square with a white circle inside, followed by the word "Barhale" in a bold, white, sans-serif font.

Adherence to all set deadlines  
Deliver required services (drawings, specifications, estimating packs) on time and to cost/quality standards  
Ensure Minimum Asset Standards are adhered to and design criteria of the client applied to the solutions  
CDM/health & safety targets by ensuring the pre-construction information is completed and details residual risks and issues  
Environmental targets, no pollutions or incidents through planned work systems and construction drawings details restrictions and mitigation measures  
Utilise the Alliance's standard products and preferred arrangements

## **Key relationships:**

Design & Engineering team, and other technical staff  
Project based staff including Construction Managers, Project Managers, Site Agents and Engineers  
Clients, suppliers and third parties  
Alliance team and partners  
Client representatives from Operational and Asset Planning

## **Person Specification:**

The successful candidate is likely to meet the following criteria:

### **Essential:**

Significant experience within infrastructure  
Degree, or equivalent, in Civil Engineering  
Good knowledge of construction processes and technical design  
Good team worker but able to exercise own judgment and work independently  
Effective communicator  
Ability to identify risks and opportunities  
Ability to think laterally but remain critically objective in evaluating alternatives

### **Desirable:**

Experience within water infrastructure.

### **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:

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

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## 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

**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](mailto: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.