

# come and work with us



## Design Engineer

### The Role:

The purpose of this role is to carry out detailed design and checking of temporary works and minor permanent works for civil engineering, and to provide technical support to assist with operational activities. This role is based at Walsall but providing national coverage which may require occasional travel throughout the UK.

### Key Responsibilities:

#### Technical design

- Prepare and check detailed technical designs (including calculations, drawings, risk assessments, design certificates)
- Undertake preliminary designs for pricing
- Obtain independent checks and/or third party technical approvals (e.g. for rail works)
- Ensure design outputs meet CDM/health and safety/environmental compliance

#### Technical support

- Provide technical information/advice
- Propose and/or develop value engineered alternative solutions (during design or construction phases)
- Undertake technical review of method statements for complex or unusual methods
- Undertake review of defects or compensation events and advise on solutions

#### Administrative support

- Assist with the approval of external suppliers
- Assist with developing and maintaining processes, procedures and standards for technical design
- Obtain or provide pricing for estimating purposes

#### General responsibilities

- Liaise with customers/suppliers/third parties as necessary
- Assist with promoting best practice internally
- Assist with promoting the Company to customers

### Key measures & targets:

- Deliver required services on time and to cost/quality standards
- Contribute wherever possible to enable the company to meet CDM/health and safety/environmental targets

### Key relationships:

- Design & Engineering team and other technical staff
- Project based staff inc. Contracts Managers, Project Managers, Site Agents, Site Engineers
- Clients, suppliers and third parties

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## **Person Specification:**

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

### **Essential**

Significant experience within the civil engineering field, water and rail sectors  
Experience in the detailed design of permanent and temporary works including the use of CAD  
Working knowledge of relevant industry specifications (CESWI, Network Rail, Highways, Building Regulations)  
Experience in obtaining third party technical approval of proposals (in particular, from Network Rail)  
Degree, or equivalent, in Civil Engineering  
Current relevant CSCS card  
Thorough knowledge of engineering management, construction processes and technical design  
Good team worker and able to coach others but also able to exercise own judgement and work independently and manage own time/tasks  
Effective communicator and able to assert own view  
Ability to identify risks and opportunities  
Ability to think laterally but remain critically objective in evaluating alternatives

### **Desirable**

A mix of site and design office experience  
Incorporated/Chartered membership, or equivalent, with a relevant professional institution (or en route to achieving such a qualification)

### **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

### **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

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**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.