



The Role: Temporary Works Designer

Carry out detailed design and checking of temporary works and minor permanent works for civil engineering. Provide technical support to assist with both operational activities. Normally based at Watford but providing national coverage which may require occasional travel throughout the UK & visits to Head Office in Walsall.

Includes support of excavations, falsework and formwork, access scaffolds, working platforms, shaft/tunnel installation, plant equipment, lifting operations.

Reinforced concrete shaft bases and roof slabs, steelwork fabrications, pipework thrust restraints.

Key Responsibilities:

Preparation and checking of 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. F001, F002, F003 for rail works)

Ensure design outputs meet CDM 2015 / health & safety compliance

E Provision of 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

Ensure design outputs environmental compliance.

Assist with the approval of external suppliers - Assist with the developing & maintaining processes, procedures and standards for technical design

Obtain or provide pricing for estimating purposes

Key measures & targets:

Deliver required services on time / cost / quality

Contribute wherever possible to enable the company to meet CDM 2015 / health & safety targets - Contribute wherever possible to enable the company to meet 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

Person Specification:

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

Minimum 3 years of experience; preferably with a mix of site and design office

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Experience in the Water, Rail, Power 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

Essential:

Degree in civil engineering

Current relevant CSCS card

Incorporated/chartered with a relevant professional institution (or en-route to achieving such a qualification)

Thorough knowledge of engineering management, construction processes and technical design

Good team worker but able to exercise own judgement

Able to work independently and manage own time / tasks

Effective communicator and able to assert their own view

Able to coach others

Able to identify risks and opportunities - Able to think laterally but remain critically objective in evaluating alternatives

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 800 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.

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.

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