



Lead Technical Manager

The Role:

Here within the @one Alliance, we are proud to bring together construction expertise and a collaborative approach as we deliver more than half of Anglian Water's capital investment programme. Consisting of Anglian Water, Balfour Beatty, Barhale, Mott McDonald, Bentley, MWH Treatment, Skanska and SWECO, we design and construct water and waste water treatment centres that serve more than 6 million customers across the East of England and Hartlepool.

The Lead Technical Manager will be fully responsible for all aspects of design for all projects within the relevant portfolio of projects, including managing resources and engineering outputs, both internal and external. Responsible for CDM Principal Designer duties under the delegation of the Design/Senior Design Manager. Ensure technical outputs meet the requirements of the Totex Delivery Process as well as meeting project affordability within timescales agreed with the project team. Provide technical support during assembly as required.

Key Responsibilities:

Delivery of Design

- Maintain a primary focus on the delegated Principal Designer responsibilities for all work in the relevant portfolio
- Maintain close liaison with the utilities team to ensure provision of utilities information at a timely stage
- Allocate design resources to portfolio design work with the principle of Best for Task in mind
- Co-ordination with the modelling team to ensure modelling contribution is to an acceptable standard
- Champion the digital development of infra design work in collaboration with Engineering Quality Manager
- Collaborate closely with enabling team
- Under the guidance of the Senior Design Manager deliver complete designs as required by the @one Alliance procedures and project need
- Embrace BIM360 and own the development of 3D models for all projects to achieve the @one Alliance goal of fully attributed 3D models for every project to facilitate the manipulation of data
- Embrace and adopt standard products
- Ensure that all design work is delivered to the correct standards and specifications liaising with the Design Manager and the PDM on technical matters

Excellence of Health and Safety

- Drive excellence in Health and Safety in design. Eliminate hazards and reduce risks during design. Provide information about remaining risk, including information on drawings. Ensure pre construction information and design risk assessments are completed. Comply with Alliance CDM procedures. Assist the PM in the completion of the Health and safety file.
- Ensure the CDMC is advised at the start of design and agree the CDM strategy for the review of PCI, DRA, construction drawings and any other relevant information for the project.

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Design Planning

- Plan the technical aspects of the programme and projects and agree every Plan for Stage with the IPL/PDM. Be responsible to the IPL for delivering the technical aspects of the project in accordance with the plan. Work closely with the PDM to agree the technical resource required – work with IPL to forecast and manage resource costs throughout the project.
- Work with the Discipline Heads to allocate appropriate design resources to the delivery teams matching skills and capabilities to project demands. Agree clear targets and expectations.

Collaboration/Stakeholder Management

- Manage the key technical stakeholders. In particular, provide technical liaison with Operations and construction managers and commissioning where necessary. Be the key interface between the design team and the project teams. Work with the IPL and PAM to satisfy the priorities of the Client.
- Organise and attend regular technical review meetings as required for each project.
- Ensure effective communication and interfaces with the Integrated Procurement Team (IProc T) and the supply chain.
- Work with the Enabling team to ensure that all relevant enabling activities are undertaken in a timely and cost-effective manner.
- Maintain excellent communications with the IPL and PDM. Recognise and report key issues before they become problems. Assist the IPL and Production Manager to maintain the Performance Board - utilise the board to keep the technical teams updated about progress against objectives.
- Feedback innovative developments in design to the Continuous Improvement Manager to ensure learning and consolidation where practicable.
- Work with the IPL, PDM, and Scheduling and Construction teams to update the programme as required.

Transformation/Team Development

- Utilise the skills and knowledge of all team members- encourage an environment of continuous improvement.
- Support the IPL to maintain team energy and focus when work is difficult and results hard to achieve. Provide guidance to less experienced team members- assist with the mentoring and development of staff to reach their maximum potential. Provide feedback to the Design Managers for one-to-one technical reviews of engineering staff and Annual Development Reviews.

Key Relationships:

- Design Manager
- Technical Manager
- Project Delivery Manager
- Stakeholders

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Person Specification:

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

Essential

- Engineering degree preferable or an HNC or HND – Engineering
- Extensive experience in a similar technical role
- Management of designs and multi-disciplinary projects
- Inspires, encourages and support others to achieve critical tasks & outcomes
- Demonstrates commitment to consistent collaboration
- Shall provide direction and clarity through decisive actions
- Organised - can structure thinking and organise actions. Is able to organise own and teams workload and priorities
- Manages situations proactively and has ability to think and plan ahead
- Able to determine what is important - provides leadership and guidance on priorities
- Works with flexibility and is adaptable
- Resilient – can maintain energy and focus when under pressure and experiencing significant setbacks
- Always works with the customer at the heart of all activities
- Comfortable in presenting and talking to a wide range of teams and customers
- Has a high sense of personal responsibility - demonstrates this through commitment to results and caring about people
- Is open to challenge – accepts and provides it to drive continuous improvement
- Open minded - embraces change and sees the opportunities it presents
- Able to train, coach and mentor others – uses questioning and listening to develop the skills and understanding of others. Helps others to find their own solutions to problems
- Gains commitment from individuals to resolve difficulties and work towards positive outcomes
- Uses mistakes to learn and develop experience

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
- Company car/car allowance
- 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.

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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.