

Temporary Works Engineer

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Company: Balfour Beatty

Location: London

Category: architecture-and-engineering

About the role

Balfour Beatty is currently recruiting a Temporary Works Engineer to join the Power T&D team.

We are open to both full time and part time candidates (including job share), and offer a flexible working policy.

Role purpose:

Provide technical support to Power Transmission & Distribution construction teams.

Support of project based Temporary Works Coordinators/Supervisors, providing engineering & technical support, ensuring works are planned and carried out in line with company TW procedures.

Undertaking the role of Temporary Works Coordinator for certain schemes.

What you'll be doing

Key Accountabilities:

Leadership of the onsite control of all Temporary Works activities.

Support all design & construction activities across all the workstreams of Power T&D.

Develop and maintain proactive and positive relationships with all key stakeholders within PT&D and across the wider Balfour Beatty Group. Understand the importance of corporate governance and ensure consistent measures and standards are applied.

Ensure Balfour Beattys temporary works are controlled in line with their BS5975 procedures.

Key Responsibilities:

Ensuring each project in the region has a TWC appointed; TW items are identified and planned.

Ensuring and supporting the development of comprehensive Design Briefs in consultation with site and design teams to ensure practical, cost effective and safe solutions are sourced to enable the construction programme.

Undertaking design reviews and checks on supplier designs, typically scaffolds and excavation shoring. Assist with the development of tenders, identifying TW requirements, detailing outline solutions and associated costs.

Optioneering and solution development for a variety of TW solutions.

Ensuring that hazards are identified in the design brief and residual design risks are controlled during construction and use via the site-specific risk assessments and method statements. Including inspection and maintenance regimes are implemented.

Manage change control during design and construction.

To assess & identify temporary works requirements on each project, this could include:

Access, protection and lifting scaffolding.

Excavation support for tower foundations or cable trenches

Formwork & setting templates for reinforced concrete foundations

Piling & Cranage platforms

Access roads & traffic management Catenary Support System (in-house system used in place of scaffold)

Backstays & temporary steelwork for tower support

Temporary overhead line diversions

Creation and maintenance of schedules to track and control schemes temporary works.

To identify competent designers, suppliers & operatives for installation of each type of temporary works and to co-ordinate & supervise their work.

Undertake simple (Cat 0/1) temporary works designs.

Ensure business processes and systems for Temporary Works are implemented.

Ongoing development of TW & Operational site staff.

Audit and competency assess BB projects & suppliers.

Who we're looking for

Skills Required:

Essential:

BEng in Civil Engineering or equivalent

Professional Membership and working towards IEng status or equivalent

BB Authorised Person for Excavations - TWS (Ex)

Experience preferably with a temporary works/civils/utilities background, with a significant & wide range of temporary works construction experience, with a sound understanding of engineering principles.

Working knowledge of BS5975:2019 procedural control requirements

Ability to distil complex scheme requirements into clear and concise design briefs.

Ability to identify hazards associated with temporary works activities

Excellent communications & team working skills.

Sound health & safety knowledge relating to site and design activities.

Good IT Skills.

Knowledge of subject area and able to communicate clearly engineering constraints Desirable:

IOSH / NEBOSH health & safety qualification.

Detailed knowledge of CDM Regulations Principal Contractor & Designer responsibilities

Good site management skills

Why work for us

Day in, day out, our teams deliver amazing projects in challenging conditions; developing, managing and maintaining the vital infrastructure and public spaces that modern economies, societies and communities rely on. Our skilled and dedicated teams deliver a range of proactive and reactive services which support a reliable and safe supply of power flowing to millions of homes and businesses around the world. Our contracts range from 50,000 schemes to 100 million plus major projects.

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