

### **Level 3 - Technical Engineer (Land & Water Services)**

#### LOCATION

Site-based with flexibility to work from home in line with the company policy.

#### OUR CORPORATE COMMITMENT

Land & Water have a fundamental commitment to the three pillars of sustainability, people, planet and prosperity and expect all team members to take this into consideration in all their duties.

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#### KEY ACCOUNTABILITIES

- **Provide sound technical and engineering support/advice to the business during all stages of a project (tender, pre-construction, construction and post-project review)**
- **Mentor junior members of the Technical Department**

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#### DUTIES & RESPONSIBILITIES

##### *Tender stage / During Projects*

- Provide technical support to other departments including: material take-offs, tender site visits, site layout drawings, workshops, liaising with designers (low-medium risk projects), identifying risks and opportunities
- Organise Design Reviews for low-medium risk projects
- Prepare low-medium risk documents (design briefs, designs, ECI/Feasibility reports, buildability and construction sequences etc.) and gain approval
- Prepare subconsultant Invitation to Tender documents for low-medium risk projects
- Brief and manage design consultants as necessary (for both temporary works and permanent works)

##### *General*

- Develop LAWS Standard Temporary Works Designs (to BS5975) – designer and/or checker
- Review and approve site teams use of LAWS Standard TW Designs (CAT0)
- Provide support to all departments in understanding and complying with Temporary Works and Technical Quality Procedures
- Mentor junior members of the Technical Department and provide support to their development
- Aid LAWS Senior Management in developing client relationships within key strategic work areas of the LAWS Business Plan, seek new clients and build upon existing relationships to enhance LAWS strategic market position as an innovative contractor
- Visit live projects as required to provide technical and engineering support

- Lead by example, encouraging the team to take responsibility for safety of colleagues, themselves and clients. Comply with LAWS Health & Safety policy and defined standards and processes when managing and delivering projects, undertaking risk assessments, report incidents, accidents and near misses where appropriate.
- Ensure appropriate stages of design development comply with CDM 2015 Regulations (or update thereof)
- Ensure that environmental and heritage issues are considered at design stages

## PERSON SPECIFICATION

A Technical Engineer in the Technical Department requires a technical engineering background. A Technical Engineer will be responsible for mentoring junior engineers, therefore good leadership skills along with the ability to set an example by following quality standards are essential.

## OUR CORE VALUES & BEHAVIORS

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### PASSION & EXCELLENCE

Pursuing a can-do attitude; being proactive and owning our work. Challenging the status quo and loving what we do.

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### RESPECT

Aware of our impact on others; we value openness and carefully listen to the review of others. We respect our colleagues, ourselves and our environment.

We look after the tools of our trade.

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### COLLABORATION

We work together to achieve a common goal.

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### EMPATHY

We demonstrate a caring approach to our colleagues, our customers and ourselves.

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### HONESTY & INTEGRITY

When something goes wrong, we own it. Learn from mistakes and avoid it happening again.

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### QUALIFICATIONS AND TRAINING

- Bachelors degree in Civil Engineering (BEng) or equivalent degree with experience of working in civil engineering
- CSCS Card
- Valid driving license and willingness to travel throughout the UK

## SKILLS AND EXPERIENCE

|                                     | <b>Essential</b>   | <b>Desirable</b>   |
|-------------------------------------|--|--|
| <b>Technical &amp; Engineering</b>  | Experience in preparing designs for, or working with, civil engineering contractors  | Experience working as a Site Engineer on civil engineering projects  |
|                                     | Knowledge of BS5975 Temporary Works  | Experience in designing to, and managing to, BS5975 Temporary Works  |
|                                     | Experience in preparing low risk civil engineering designs (temporary works and permanent works)   | Experience in preparing medium risk civil engineering designs (temporary works and permanent works)                    |
|                                     | Experience working to agreed company standards   | Knowledge of an IS9001:2015 Quality Management System  |
|                                     | Experience of using engineering judgement regarding modifying a design or design programme to deal with risks, opportunities and variances |  |
|                                     | Proficient in the use of IT software including: Microsoft Office, CAD and BIM Procedures   |  |
| <b>Management &amp; Leadership</b>  | Experience of training junior team members   | Appreciation of RIBA Plan of Work Project Stages and GIRI Design Management  |
|                                     | Successful design and project management on low-risk civil engineering projects  | Successful design and project management on medium-risk projects   |
| <b>Commercial</b>                   | Awareness of common contract types (NEC ECC/PSC. JCT)  | Experience in administering common contract types (NEC ECC/PSC. JCT)   |
|                                     | Experience in managing, preparing and controlling costs/budgets of engineering tasks or projects   |  |
| <b>Health, Safety &amp; Welfare</b> | Experience of managing risk on low-risk projects (e.g. CDM Design Risk Assessments, Public Safety Risk Assessments)                        | Experience of managing risk on medium-risk projects (e.g. CDM Design Risk Assessments, Public Safety Risk Assessments) |
| <b>Communication</b>                | Communicate well with others at all levels including effective use of English orally and in writing  | Experience of technical writing for tender submission or technical reports   |

## PERSONAL ATTRIBUTES

- Ability to manage own time effectively, prioritising workload and competing elements and activities of multiple projects to ensure delivery to agreed timescales
- Willing to be an ambassador for LAWS
- Able to use judgement for upward referral of issues to line management for further guidance