

Design Engineer

Reporting to: Technical Manager

Responsible for: N/A

Salary range: £35,000 - £45,000

Main role: To provide technical design input from tendering for work to site delivery ensuring regulations are met and innovative ideas are provided.

Key responsibilities:

1. Work with and support the Estimating team to target/focus tender acquisition
2. Take ownership of developing where required a suitable technical solution (outline, developed or detailed), whether that's temporary or permanent to support the tender process of a project.
3. Develop outline in principle designs and liaise with designers (internal and external) to develop appropriate solutions at time of tender where required.
4. Critically appraise client solutions, to offer alternatives, innovation or cost saving.
5. Liaise with external consultants when required
6. Support delivery teams in role of Design Engineer on low – medium complexity D&B projects
7. When required, act as Site Engineer to support site teams
8. Aid Technical Manager in developing client relationships within the key strategic work areas of the LWS business plan, seek new clients and build upon existing relationships to enhance LWS strategic market position as an innovative contractor.
9. Leading by example, encouraging the team to take responsibility for safety of colleagues, themselves, and clients. Comply with LWS Health & Safety policy and defined standards and processes when managing and delivering projects, undertake risk assessments, report incidents, accidents and near misses where appropriate.
10. In liaison with bid leaders plan and sequence tender activities, milestones and resources. Liaise with the various LWS teams to ensure all input is received for a tender.
11. Support estimators in the production of priced tender submissions

12. Ensure appropriate stages of design development comply with CDM Regulations 2015) (or update thereof).
13. Brief, appoint and manage design consultants as necessary both in the development of permanent and temporary works.
14. Input into the risk and opportunities register for all projects.
15. Ensure that environmental and heritage issues are considered at design stages.

Level of decision making required

1. Develop design solutions (perm or temp) of various degrees of complexity and risk.
2. Using knowledge and experience make judgement regarding risk related issues and required action.
3. Using knowledge and experience to make judgements regarding modifying the design or design programme to deal with risks, opportunities and variances.
4. Prioritise workload and competing elements and activities of multiple projects to ensure delivery to timescales agreed.
5. Judgement regarding upward referral of issues to line management for further guidance

Experience and competence

1. Proven experience of design development, management and technical support
2. High level of written communication experience, preferably technical writing for tender submissions or technical reports
3. Master's degree in civil engineering and Chartered with the ICE or working towards ICE Chartership
4. Experience of working as a Site Engineer on civil engineering projects (preferable)
5. Knowledge of all aspects of successful design and project management
6. Excellent commercial awareness and proven experience of delivering profitable works
7. Experience of risk and risk management
8. Proficient in the use of personal computer and business applications/software including CAD and BIM procedures
9. Experience of managing and training junior team members
10. Valid driving licence and willingness to travel throughout UK
11. Can do attitude
12. Willing to be an ambassador for LWS

Behavioural:

- **Passion & Excellence:** - pursue a can-do attitude; being proactive and owning your work. Challenge the status quo and love what you do

- **Respect** – be aware of your impact on others; value openness and carefully listen to the review of others. Respect your colleagues, self and environment. Look after the tools of your trade.
- **Collaboration** – work together to achieve a common goal
- **Empathy** – demonstrate a caring approach to your colleagues, customers and self
- **Honesty & Integrity** – when something goes wrong – own it! Learn from mistakes and avoid it happening again.