

Role Definition

Job title: Senior Structural Engineer

Reporting to: Project Leader/Job Captain of the current project on a day to day basis and ultimately to the Senior Partner

Responsibilities

- To understand the design project
- To prepare, and develop where required, calculations, analysis, drawings, diagrams, models and other documents relating to the design.
- To assist where required in the co-ordination of the internal design team.
- To take responsibility, where required by the project leader, for specific areas of the design and project development.
- To liaise, where appropriate, with members of the external design team and other associated organisations or companies.
- To seek, and record evidence of, continuing professional development (CPD) in accordance with the requirements of the relevant professional Institution.
- To have thorough knowledge of and compliance with Foster + Partners procedures and standards.
- To contribute, or otherwise assist, as required by the Project Leader or Senior Partner, or nominated Engineer.
- Equity, diversity & inclusion (EDI) is a core priority. To support and champion the embedding of this focus as a collective workforce responsibility, EDI should be integrated, where relevant, into all workstreams.

Qualities and Skills Required

Essential

- Able to demonstrate ability to undertake the above responsibilities.
- Legally able to work in the country in which the position is based.
- Recently chartered or shortly to become chartered.
- Strong technical engineering skills.
- Previous experience working in an engineering practice including design and delivery of complex projects.
- Ability to understand and formulate design decisions and present for discussion.
- Ability to use a variety of media in the development and documentation of a design project.
- Excellent organisational skills.
- Able to manage sensitive and sometimes confidential information.
- Self-motivated and able to take responsibility.
- Able to demonstrate initiative and a proactive approach to daily tasks.
- Good interpersonal skills and able to work independently and as part of an effective team.
- Flexible attitude.
- Able to build good relationships at all levels, internally and externally.
- Resilient to cope with conflicting demands, able to prioritise duties and work effectively under pressure.
- Able to work as part of an effective team assisting and supporting team members.

Desirable

- Understanding of the engineer's role in the co-ordination and integration of project information and management.
- Ability to assist with the management of junior graduate engineers on the team.
- Understanding of financial aspects of running a design project on time and on budget.

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- Ability to use some of the following: GSA, ETABS, SAFE, MicroStation, InDesign, Internet Explorer, Word, Excel, Outlook, PowerPoint

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.