

Chartered Structural Engineer

Job description



Purpose of the role:

To work effectively as a Structural Engineer taking responsibility for the designs from start to finish of the projects. Fully using your communication skills to establish excellent customer relationships and by managing your time to ensure projects will be delivered on time efficiently and within budget.

Reports to: the Managing Director and Senior Structural Engineer

Relationships: customers, colleagues, suppliers and agents

Key tasks:

- **Structural engineering:** to design the structural elements of the project and break complex projects down into manageable components without the help of a senior engineer. Be able to present your structural concept to colleagues effectively. To identify critical design elements in advance, this enables you to agree solutions with the client before the full design. Strive to bring new ideas to the table and develop solutions that are interesting as well as effective. Ensure you continually value aesthetic considerations in the structural proposals you work on. Produce all the relevant calculations to European Standards and submit them to Building Control for their approval. Produce the relevant plans, typical sections using Autocad and typical connections details by hand sketches. Check progress on site and answer any site queries promptly and in a positive manner.
- **Project management:** to communicate regularly and effectively with clients and stay on top of all project issues. You are expected to efficiently manage your workload and the client's expectations, agree with the client the project deadlines and work towards meeting them each and every time. Manage our subcontractors (drainage engineer, CAD technician, reinforcement detailing) for a successful completion of the projects.
- **Technical expertise:** to keep up to date with the CPD requirements with the IStructE, to get it right first time, to explore new design concepts and develop quality solutions that are interesting as well as effective.
- **Financial reporting:** to regularly review the project budgets and report to the Managing director on their progress. To meet the company's monthly invoicing targets and contributing towards the growth of the company.

The above are the main responsibilities of the role; it is likely that other work will be required in supporting the growth of the business and that the role will develop over time to suit RISE changing needs.

Experience and skills to be successful in the role:

Technical / practical

- 1 Competence with use of Microsoft Office: Word, Excel, Google e-mail and calendar; PDF.
- 2 Awareness of the use of NBS specifications, Oasys GSA analysis software, Harvest timesheet management, Autocad 2015.
- 3 Competence in working on small and medium size projects and designing structural elements in steel, concrete.
- 4 Awareness of structural timber design.

Personal skills and style

- 1 Good attention to detail and accuracy in preparation of information which is sent out from this office.
- 2 Efficient in time management with good organisational skills, able to deliver to deadlines
- 3 Experience of working effectively in a fast paced professional commercial business environment and understand the need to respond quickly to requests for information
- 4 Co-operation and flexibility suited to working as part of an effective team
- 5 A flexible approach by the role holder to developing and contributing to the growth of the business will be a prime requirement for success in this role.
- 6 Influencing ability, exercising tact and discretion, able to persuade others effectively and with confidence in a liaison role with clients, external suppliers and colleagues
- 7 Customer care skills, patience and efficiency in dealing with business contacts and customers, by telephone and in person, in a warm and friendly manner, particularly with international contacts whose first language may not be English
- 8 Commercial awareness to develop business opportunities from contacts
- 9 Interest in learning operational information about company business to increase business, financial and marketing awareness

Please send a CV to info@risestructures.com