

JOB DESCRIPTION: Structural Engineer (1-3 years' experience)

Bristol based

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: Senior Structural Engineer

Relationships: customers, colleagues, architects, contractors, suppliers and agents

Key tasks:

- **Structural engineering/Technical expertise:**
 - Calculate Structural elements shown from the Senior Engineer's feasibility/concept design.
 - Present your structural calculations to colleagues effectively.
 - Draw from the fee proposals the design tasks.
 - Good attention to detail and accuracy in preparation of information which is sent out from this office.
 - 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.
 - Ability to learn to design in all traditional materials (Steel, concrete, timber and masonry)
 - Produce all the relevant calculations to European Standards.
 - Help with the production of the relevant plans and typical sections with the Revit technician.
 - Develop with Senior Engineer typical detail.
 - Write NBS specification and technical design reports.
 - Check progress on site and answer any site queries promptly and in a positive manner.
 - Follow RISE's design processes and procedures.

- **Project management:**
 - Ability to take part in clients meeting and draw actions from it.
 - Efficiently manage your workload and agree with the senior engineer the project deadlines and work towards meeting them each and every time.
 - Work effectively with others (drainage engineer, Revit technician, reinforcement detailing) for successful completion of tasks within the projects.
 - Ability to prioritise tasks.

- **Software**
 - Competence with use of Microsoft Office: Word, Excel, Google e-mail and calendar; PDF writers.
 - Awareness with the use of Revit, AutoCad and analysis software (SCIA and Tekla).

- **Financial:**
 - Review project budgets with Senior Engineer.
 - Commercial awareness.

Key requirements:

- Minimum 2:1 BSc or MSc in a Civil or Structural engineering degree.
- Keep up-to-date with the CPD requirements with the IStructE and ICE.
- Positive attitude to your work.
- Capable of working effectively in a fast-paced professional commercial business environment.
- Honesty in your abilities, so that colleagues know when you require their expertise.
- Clean UK driving license.

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's changing needs.