

Job Title: Project Engineer – Structures
Reports to: Group Director

Eckersley O'Callaghan is seeking creative thinkers to join its growing team in London. Eckersley O'Callaghan is one of the most innovative engineering design firms in the world. Our international reputation has been cultivated through a commitment to research and innovation. We lead the development of the latest technologies, collaborating with our partners in industry. Our expanding Structures team in London is looking for an experienced Senior Engineer with a range of technical design expertise to lead the design on a variety of high-profile local and international projects, ranging in both scale and scope.

DESCRIPTION

We are looking for someone with the following:

- A good masters degree in structural or civil engineering
- 2+ years' proven experience in structural engineering consultancy
- Good communication skills and collaborative approach
- An interest in buildings, architecture and the built environment
- Good analytical skills and experience of a range of software's
- Working knowledge of BS/EN standards

KEY RESPONSIBILITIES

- Report to the structures Group Director in London and senior members of the team
- Represent Eckersley O'Callaghan at workshops, design team meetings and site meetings with our clients and collaborators
- Develop structural designs on projects at a range of scales in concrete, steel, timber, masonry and other materials.
- Coordinate with architect and other engineering consultants as part of the team
- Contribute to production of internal technical notes and R&D initiatives
- Reviews own and others' work as part of quality assurance
- Maintains up to date technical knowledge
- Uses analytical software effectively and interprets the outputs well
- Applies theory to practice and in a logical way
- Highlights potential problems and ensures there is resolution.

JOB KNOWLEDGE, SKILLS & EXPERIENCE

- Graduate membership of a relevant professional institution (CIBSE, RIBA, IStructE, SFE)
- Use of 3D modelling tools including Rhino and Grasshopper
- Working knowledge of relevant design software for structural analysis
- A keen interest in architecture and design
- Someone who enjoys their work and is indisputably passionate about delivering great engineering
- Able to prioritise own workload, meet tight deadlines and work effectively within a team
- Able to build effective working relationships with professionals of all levels and disciplines within the organisation

PERSONAL QUALITIES

- Good organisational skills and the ability to cope with a variety of tasks
- A flexible, positive approach and the ability to work as part of a team in a busy, creative atmosphere
- Excellent interpersonal skills with the ability to communicate with people of all levels
- Can do attitude that drives for success