

Job Title: Project Engineer - Structures
Reports to: Directors and Sydney practice lead

Eckersley O'Callaghan is seeking a structural project engineer to join its growing team in Sydney. EOC is one of the most innovative engineering design firms in the world and we have won multiple awards for our work. Our international reputation has been cultivated through a commitment to research and innovation as well as close collaboration with architects, clients and contractors. We are leaders in the development of the latest technologies and techniques collaborating with our partners in industry. Our relatively new but growing office in Sydney is looking for a structural project engineer with a range of technical design expertise to work on the design on a variety of high-profile local and international projects, ranging in both scale and scope. The applicant should have experience working in Australia on architectural projects at a range of scales and the ability to work independently and as part of a team.

DESCRIPTION

We are looking for someone with the following:

- A good master's degree in structural or civil engineering
- Chartered Engineer in Australia or close to chartership
- Registration or eligibility for registration with NER, RPEQ, BLA
- 4+ years' proven experience in structural engineering consultancy
- Good communication skills and collaborative approach
- An interest in buildings, architecture and the built environment
- Good technical skills in steel and concrete.
- Other material experience such as glass, timber, carbon fibre is a bonus.

KEY RESPONSIBILITIES

- Report directly to the London Directors and Sydney practice lead
- Represent EOC at workshops, design team meetings and site meetings.
- Coordinate with architects and other engineering consultants as part of the team
- Contribute to production of technical development and R+D initiatives
- Maintain up to date technical knowledge
- Use analytical software effectively and interpret the outputs well
- Apply theory to practice and in a logical way
- Highlight potential problems and look for a resolution
- Represent EOC structural engineering at events, meetings and conferences

JOB KNOWLEDGE, SKILLS & EXPERIENCE

- A keen interest in architecture and design and the innovative integration of structural strategies
- Someone who enjoys their work and is indisputably passionate about delivering great engineering
- Able to prioritise workload, meet tight deadlines and work effectively with and within a team
- Able to build effective working relationships with professionals of all levels and disciplines within the organisation and with external partners
- Use of 3D modelling software tools including Rhino, Grasshopper
- Working knowledge of relevant design software for structural analysis.
- Experience of working with contractors

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