

Job Title: Facade Structural Engineer
Reports to: Director
Job Purpose: We require a Facade Structural Engineer who shares our passion for creative design and technical problem solving.

DESCRIPTION

Eckersley O'Callaghan is one of the most innovative engineering design firms in the world, with a global reputation cultivated through a commitment to research and creative thinking. We enjoy working with a range of materials, forms and building types across diverse sectors and project scales to deliver imaginative solutions. Our multiple award-winning collaborations with forward-thinking architects such as Foster + Partners, Zaha Hadid Architects and Heatherwick Studio, for clients that include Apple, Google, Vitsoe and Bulgari, have placed us at the forefront of design in structures and facades. Our commitment to sustainability, digital design, and continuous research and development remains at the core of our approach.

We offer a stimulating work environment with enthusiastic, intelligent, hard-working colleagues, and support personal development through training and project opportunities. Our principal office is in London, with other offices in Manchester, Paris, Milan, New York, Los Angeles, San Francisco, Delhi, Hong Kong, Shanghai and Sydney.

Our expanding Los Angeles team is looking for a Facade Structural Engineer with experience and a range of technical design expertise to contribute to the design of facade systems on a variety of high-profile local and international projects, ranging in both scale and scope.

Applicants should have US right to work and be based in the US.

We are looking for people with the following **skills**:

- A good degree in Structural/Civil Engineering or Architectural Engineering (or equivalent experience)
- 3+ years' relevant experience in facade structural engineering in a consulting capacity, from concept through technical design and construction
- Extensive experience in facade design and detailing in a consulting or contractor capacity
- Working knowledge of US standards and industry guidelines
- A rounded knowledge of the engineering aspects of facades
- Good understanding of design parameters for a wide range of different materials
- Strong sketching and drawing skills using CAD software, as well as 3D modelling
- Strong written and verbal communication skills in English
- Works effectively in multidisciplinary teams and contributes to shared project outcomes
- Ability to manage multiple priorities effectively and deliver work to agreed timelines
- Experience of developing relationships with clients and external parties are essential

RESPONSIBILITIES

- Working on several projects simultaneously, working with the client, architect, and other engineering consultants to determine the best facade design outcomes.
- Proactively supporting projects internally, producing system calculation, sketches, reports and specifications, coordinated with other parties, under the guidance of Senior Facade Engineers and Directors
- Representing Eckersley O'Callaghan at workshops, design team meetings and site meetings with our clients and collaborators
- Use awareness of new materials and methods in consideration of client solutions
- Carrying out site observations, factory visits, witnessing of mock-ups and testing, preparing technical reports
- Contributing to internal R&D initiatives and production of technical notes

- Developing and nurturing relationships with clients and external industry bodies

JOB KNOWLEDGE

- Working knowledge of digital design / modelling software
- Use of relevant structural analysis software, including RFEM and/or Strand7, as well as glass selection tools, building physics assessments, and environmental analysis
- Experienced user of CAD software
- Demonstrates awareness of architectural design considerations in facade engineering
- Willingness to travel

WE OFFER

- A structured professional development and training programme with pathways to chartership.
- An inclusive workplace that values diversity, collaboration, and professional excellence
- Opportunities for continuing professional development and mentoring.
- Access to research, innovation, and internal R&D initiatives.
- Collaboration opportunities with our international offices
- World-class projects with respected architects and collaborators
- A supportive environment that encourages career growth at all stages.

Please send us an email with your CV, covering letter and portfolio (or another creative way of showing examples of your work and skills), with subject line reference **EOC-LA-FSE** to: recruitment@eocengineers.com