

Job Title: Senior Facade Engineer
Location: Noida/Flexible
Reports to: Director

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, ZHA 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.

DESCRIPTION

The Senior Facade Engineer will lead facade design from concept through construction, leading project interaction with clients, architects, and collaborators and mentoring junior engineers and designers. We are looking for people with the following:

- Degree/Diploma in Engineering, Architecture, or Facade Design
- 10+ years of facade design experience (consulting environment preferable)
- Strong knowledge of unitised and stick-built curtain walling, structural glazing, rain screen systems, and built-up wall systems
- Experience in facade estimation, quantity take-offs, rate analysis, and cost benchmarking
- Strong working knowledge of international standards (CWCT, EN, ASTM, AAMA) and NBC/IS requirements
- Understanding of fabrication tolerances, installation logistics, and procurement processes
- Performance criteria knowledge and calculation methods (thermal, structural, water, air)
- Experience with testing protocols (CWCT sequence, mock-ups)
- Proficiency in AutoCAD, Revit and Rhino preferred
- High standard of written and verbal English communication

RESPONSIBILITIES

- Develop facade designs from concept to contract stage in coordination with architects and collaborators, overseeing the work of junior facade engineers
- Apply a strong engineering knowledge base to establish facade construction strategies and advise on appropriate system typologies for different building forms and uses
- Prepare facade technical specifications and review shop drawings, and oversee junior engineers in the same
- Manage designers and junior engineers in maintaining and deploying a library of facade details and CAD/BIM components
- Oversee facade designers in developing CAD/BIM production strategies using parametric tools
- Oversee production of cost estimates, bills of quantities (BOQs) and assist in cost benchmarking, commercial risk identification
- Use computational tools to carry out thermal and structural calculations
- Manage a portfolio of projects of various scales and at different stages
- Apply QA processes to review the work of junior engineers; assist in providing training to aid their professional development in conjunction with Director and global EOC offices as appropriate
- Oversee preparation of tender submissions, RFP documentation support, and commercial reports
- Take technical delivery responsibility and act as the Single Point of Contact (SPOC) for projects
- Represent EOC externally to clients, consultants, and internal teams
- Attend design workshops, site and technical meetings as necessary

- Conduct site inspections for facade QA/QC
- Contribute to internal knowledge-sharing initiatives with global EOC facade teams
- Perform other duties as reasonably required

PREFERRED ATTRIBUTES

- Motivated and committed to delivering high-quality design work
- Excellent interpersonal skills with the ability to communicate with people of all levels
- Good organisational skills and the ability to cope with a variety of tasks
- Adaptable and collaborative approach with the ability to work as part of a team in a busy, creative atmosphere
- Curious, and open to new ideas
- Interested in architecture and sustainability

WE OFFER

- An inclusive workplace that values diversity, collaboration, and professional excellence
- Opportunities for continuing professional development and mentoring
- Access to research, innovation, and company 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 email your CV and a covering letter with subject line 'EOC-IN-SFE' to: recruitment@eocengineers.com