

Job Title: Associate Facade Engineer
Reports to: Group Director
Job Purpose: We require an Associate Facade Engineer in our London office with consultancy experience on challenging projects in the UK and internationally

DESCRIPTION

Eckersley O'Callaghan is seeking creative thinkers to join its growing team in London. EOC is one of the most innovative engineering design firms in the world, with an international reputation cultivated through a commitment to research and innovation.

We are committed to a low-carbon future and are investing heavily in design tools and techniques to improve the sustainability of our projects and our operations. Our committed team of intelligent and hard-working engineers is engaged with industry bodies and academia to stay at the forefront of design thinking, and we maintain our reputation for innovation by investing in R&D and participating in industry conferences for facade and glass engineering, circularity and computational design. Our principal office is in London, with other offices in Manchester, New York, San Francisco, Los Angeles, Paris, Milan, Hong Kong, Shanghai, Delhi and Sydney.

Our facade team in London is expanding to service our growing list of projects across the world. We are currently working with some of the world's leading architects on projects across all market sectors, including cultural venues, high-rise towers, education buildings, transport hubs and commercial offices. Our dynamic office of enthusiastic, intelligent, hard-working engineers provides a stimulating work environment and great opportunities for personal development.

DESCRIPTION

We are looking for people with the following:

- A degree in engineering, architecture or materials science, and preferably a relevant postgraduate degree
- 8+ years' proven experience in facade design and detailing in a consulting capacity from concept stage through execution
- Proven experience on complex, technically demanding projects of the highest architectural quality
- Excellent design skills and a collaborative approach
- Ability to develop and maintain client relationships
- Ability to lead others in the engineering aspects of facades
- Excellent written and verbal communication skills, experience in preparing design reports, presentations, technical notes, factory and site visit reports
- Excellent visual communication skills covering sketches, drawings, preferably 3D modelling
- Good working knowledge in the application of BS/EN, CWCT and relevant international standards
- Experience with off-site and on-site test methods to CWCT / AAMA
- Chartered membership of a relevant professional institution (CIBSE, ICE, IStructE)
- Ability to work under pressure and to deadlines
- Experience and proven ability in the process, technical and financial aspects of project management

RESPONSIBILITIES

- Managing a number of projects, monitoring project performance against timelines, resourcing, fees and change control
- Working with client, architect and other engineering consultants to determine the best facade design outcomes.
- Managing team resources in conjunction with other associates and overseas offices
- Overseeing senior and project engineers in the production of deliverables coordinated with other parties
- Ensuring a high standard of work across the group; be responsible for developing and delivering best practice guidance and internal processes
- Delivering training and knowledge sharing to junior staff
- Supporting delivery of business plan via attendance at BD activities, representing EOC in project settings and at industry conferences and events

- Line managing junior team members, conducting appraisals and overseeing training and development
- Assisting in preparation of fee proposals and commercial and contractual negotiation with clients
- Participating in internal R&D initiatives; overseeing production of technical notes
- Developing relationships with clients, architects and collaborators
- Monitoring and reporting on project profitability

PREFERRED ATTRIBUTES

- Member of Society of Facade Engineering
- A strong motivation for sustainable design; experience in developing low-carbon designs (e.g. whole-life carbon assessments, solar and daylight assessments)
- Strong background in structural engineering aspects of facades
- Working knowledge of digital design / modelling software
- Ability to oversee others in use of relevant design software, including for structural analysis, thermal analysis, building physics assessments and glass selection tools
- Ability to adapt management approach to suite the particular project, client and team
- Experienced in use of CAD software
- A keen interest in architecture and a willingness to travel

WE OFFER

- A stimulating work environment with a smart, diverse and motivated set of colleagues
- A competitive benefits package
- Volunteer and outreach opportunities
- Flexible working around core hours
- Opportunities for continuing professional development
- An internal training programme for employees at all levels
- Opportunities for career growth
- Opportunities to take part in internal R&D activities
- Collaboration opportunities with our international offices
- World-class projects with leading architects and collaborators