

Role summary

We have an exciting opportunity for a Senior Building Services Electrical Design Engineer to be part of our multidisciplinary engineering team in London. You will be required to work autonomously or with a team to develop the successful projects through clear strategy and proactive commitment nationally and internationally.

Role Definition

Job title: Senior Electrical Engineer

Reporting to: Partner on a day-to-day basis and ultimately the Senior Partner

Responsibilities

- Represent the company in professional and diligent manner always
- To provide discipline leadership
- Establish and maintain strong working relationship with internal and external stakeholders, design team, authorities, utilities and associated organisations.
- Attend all meetings with client, project team, contractors etc.
- Undertake and deliver high quality detailed engineering design for electrical building services and power distribution systems, including calculations, analysis, schematics, drawings, diagrams, models, specifications and other documents required
- Review and management of project from inception to post construction duties
- Good Knowledge of relevant legislations, standards, regulations, guides and good practise
- To have thorough knowledge of and compliance with Foster + Partners procedures and standards
- To contribute and assist, as required by the Project Leader or Senior Partner, or nominated Engineer.
- Contribute, or otherwise assist, as required
- Equity, diversity & inclusion (EDI) is a core priority. To support and champion the embedding of this focus as a collective workforce responsibility, EDI should be integrated, where relevant, into all workstreams.
- Thorough knowledge of and compliance with F+P procedures and standards

Qualities and Skills required

- Able to demonstrate ability to undertake the above responsibilities
- Legally able to work in the country in which the position is based
- Qualified as a Chartered Engineer or working towards Chartered status
- Solid technical understanding of own core engineering discipline and the role of the electrical engineer within the design team
- Broad understanding of other engineering disciplines engaged in the design of the built environment
- Good understanding of UK Building Regulations and industry standard design reference material
- Ability to use Autodesk Revit, Amtech/Trimble, Dialux and Microsoft 'Office' suite
- Ability to use initiative in response to demands of project
- Able to negotiate and communicate well in graphical, written or verbal forms including ability to listen and to understand others
- Ability to understand and formulate design decisions
- Excellent organisational skills
- Developed problem-solving and analytical skills

- Able to manage sensitive and sometimes confidential information
- Self motivated and able to take responsibility
- Able to demonstrate initiative and a proactive approach to daily tasks
- Good interpersonal skills and able to work independently and as part of an effective team
- Flexible attitude
- Able to build good relationships at all levels, internally and externally
- Resilient to cope with conflicting demands, able to prioritise duties and work effectively under pressure.
- Able to work as part of an effective team assisting and supporting team members

Desirable

- International project experience
- LEED qualified or having working familiarity with environmental assessment methods
- Familiarity with CIBSE design standards
- Ability to use some of the following software applications: IES, Elevate, AGI, Relux, Hevacomp, Adobe Creative Suite
- Mandarin, Cantonese or mainland European language skills

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.