

Role summary

We have an exciting opportunity for a 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: Electrical Engineer (Buildings)

Reporting to: Associate Engineer / Project Leader of the current project on a day to day basis and ultimately to the Senior Partner

Responsibilities

- Represent the company in professional and diligent manner at all times
- 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
- Seek, complete and record evidence of, continuing professional development (CPD) in accordance with the requirements of the relevant professional Institution
- To have thorough knowledge of and compliance with F+P procedures and standards
- 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

- Chartered Engineer or Professional Registered working toward CEng in 6 months. With Electrical engineering or Building Services Degree with electrical bias, 2,1 or higher
- At least 5 years' experience in a building design engineering capacity within the UK and internationally
- Proven ability to design electrical Building Services systems and demonstrate rationale behind proposals
- Experience of being Lead Electrical Engineering for more than one project (construction value >£30M)
 - Required involvement from Concept to Construction
 - Involved in Construction Administration (snagging, Testing & Commissioning)
- Demonstrate knowledge, understanding and application of low carbon design
- Mentoring and management of junior engineers, sharing technical knowledge and experience
- Able to demonstrate ability to undertake the above responsibilities
- Legally able to work in the country in which the position is based
- Excellent organisational 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

- Project Management with good financial acumen
- Experience in Education, Hospital, Retail, Airport, Stadia, High-rise Mixed Used Commercial projects delivery
- Second Language
- Specialism in one or more of the following:
 - Lighting and Daylighting
 - Vertical Transportation
 - IT and Communications Infrastructure
 - Security
 - Acoustic
 - High / Medium Voltage
 - Earthing, Bonding and EMC
 - Lightning Protection
 - UPS and Generator
 - Fire Protection
 - Building Information Modelling
- Proficient in some of the following:
 - Revit
 - Navisworks
 - AutoCad
 - Microstation
 - Rhino
 - AGI32
 - Dialux
 - Relux
 - Radiance
 - Elevate
 - Amtech
 - Hevacomp
 - InDesign
 - NBS Create / NES Spec
 - Microsoft Word, Excel, PowerPoint, Access and Project

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.