

Role Definition

Job title: Senior Electrical Engineer (Buildings) – Full Time / Permanent

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

Job Description:

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.

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
- To contribute and assist, as required by the Project Leader or Senior Partner, or nominated Engineer.

Qualities & skills required:

Essential

- 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
 - Legally able to work in the United Kingdom
 - Fluent in English (written and spoken)
 - Communicate and present in a professional manner, both written and verbally.
 - Use a variety of media in the development and documentation of a design project
 - Excellent interpersonal skills, leadership and work well in a team
 - Actively demonstrate initiative and able to work independently under pressure to meet deadlines efficiently
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- A flexible and open attitude towards new ways of working and commitment to independent, life long learning

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.

11 March 2015
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