

Job Description G9

Post Title	Electrical Building Services Design Engineer
Salary	£38,223 - £43,421 (Grade 9) + benefits
Location	County Hall, Preston (Hybrid Working) Electrical Building Services Design Engineer, Building Design Team
Description	<p>As an Electrical Building Services Design Engineer within the Building Design Team of Lancashire County Councils Asset Management Service you will manage and deliver a range of Electrical Building Service Engineering related projects across the authority.</p> <p>You will be able to undertake the design, specification and project management of Electrical Building Service projects in a lead or support role depending on the project complexity and scale. You will also manage external consultants who provide design services to LCC, ensuring the projects they are responsible for are delivered on time, within budget and to the quality expectations of LCC.</p> <p>You should be able to proactively collaborate with other members of the Building Design Team, and across the Council's other disciplines, working within well-established professional procedures and defined Council policies. You will work on a broad range of complex problems, managing challenging priorities and using professional judgement to respond to differing situations.</p>
Accountabilities / Responsibilities	<p>Duties include:-</p> <ul style="list-style-type: none">• The design and specification of Electrical Building Services including LV Distribution, Power Generation, Small Power, Lighting, Emergency Lighting, Fire Alarms, Nurse call, Lightning Protection, Controls etc. in accordance with current guidelines, standards and regulations. Application and use of low carbon technologies including vehicle charging, PV generation, battery storage etc.• Lead in the Project Management and delivery of Electrical Building Service related projects, ensuring they are delivered on time and within budget to the quality expectations of LCC.• Support the Electrical Teams Project Manager in the effective delivery of all Building Service related projects.• Manage external consultants in the delivery of projects, ensuring KPIs are met and quality is maintained.• The proactive liaison with other services within LCC and across other disciplines within the Building Design Team and wider Asset Management Service.• Provide specialist advice and guidance to internal / external customers, making technical / professional recommendations within the Electrical discipline.• Providing specialist advice and support within LCC and across other disciplines within the Building Design Team and wider Design and Construction Service.• Lead and / or support discussions related specifically to Electrical Building Services.• Supporting the Principal M&E Engineer in the delivery of all Building Services related projects.

Skills, Knowledge and Experience

To include:-

- Degree/HND/HNC qualified (or equivalent) in relevant subject, plus significant experience in a similar role OR significant vocational experience at a demonstrably professional level.
- Member of a recognised Professional Institute such as the IET and working towards a formal professional qualification.
- Experience in Electrical Building Services design and delivery.
- Up to date and thorough knowledge and understanding of Electrical Building Services related applications, principles and theory.
- Detailed understanding of professional, regulatory and statutory Electrical Building Services related standards.
- Sound analytical and problem-solving capability.
- Experience of working in different operational areas, for a range of clients and service users.
- Ability to work proactively within a multidiscipline team.
- Ability to organise, plan and control medium sized Electrical Building Services projects.
- Good communication and interpersonal skills.
- Ability to train and mentor other junior staff members.

Person Specification G9

	Requirements	Essential (E) Or Desirable (D)
Qualifications		
1	Degree/HND/HNC qualified (or equivalent) in relevant subject, plus a number of years' experience in a similar role OR significant vocational experience at a demonstrably professional level.	E
2	Member of a Professional Institute.	E
3	Working towards a formal professional qualification.	D
4	Fully conversant with current electrical regulations, 18 th Edition etc. and experience of applying them in professional practice.	E
Experience		
4	Proven track record in Electrical Building Services design and delivery.	E
5	Experience in Electrical Building Services design and delivery, preferably within the public sector.	D
6	Experience of working within a team of Building Service Engineering professionals.	E
7	Management of external consultants in the design and delivery of projects, including performance and quality monitoring and management.	D
8	Experience of working in different sectors, for a range of clients.	E
9	Evidence of providing specialist advice and support to clients, team members and across other disciplines.	E
10	Experience in the Project Management and delivery of medium sized Building Services related projects, delivering them within time and budget, to the quality expectations of a client.	E
Knowledge and Skills		

11	The design and specification of Electrical Building Services including LV Distribution, Power Generation, Small Power, Lighting, Emergency Lighting, Fire Alarms, Nurse call, Lightning Protection, Controls etc. in accordance with current guidelines, standards and regulations. Application and use of low carbon technologies including vehicle charging, PV generation, battery storage etc.	E
12	Up to date and thorough knowledge and understanding of Electrical Building Services related applications, principles and theory.	E
13	Detailed understanding of professional, regulatory and statutory Electrical Building Services related standards.	E
14	Sound analytical and problem-solving capability.	E
15	Ability to work proactively within a multidiscipline team and mentor junior staff members.	E
16	Ability to organise, plan and control medium sized Electrical Building Services projects.	E
17	Good communication and interpersonal skills.	E
18	Ability to train and mentor other professionals.	E
Other (including specialist requirements)		
19	Commitment to equality and diversity.	E
20	Commitment to health and safety.	E
21	Display the LCC values and behaviours at all times and actively promote them in others.	E