

Job Outline

Post: **Lighting Technician - South**

Location: Carrs Corner, Fort William

Hours: 35 per week

Duration: Permanent

Cluster: Place

Grade: HC06: £32,596.20- £36,145.20

Contact Name: Adam Lapinski

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Job Purpose

Provide technical support to the Lighting and Communications Engineer in the delivery of street lighting services and associated electrical infrastructure across the operational area.

Prepare street lighting designs, cost estimates, drawings and technical information, maintain asset management systems and records, and support the planning and delivery of maintenance, renewal and installation schemes.

Support the operation of lighting and communications systems, undertake inspections, surveys and asset management activities, and provide technical advice to operational staff and external stakeholders, ensuring services are delivered in accordance with relevant legislation, standards and Council procedures.

Job Description – Key Duties and Responsibilities

1. Prepare street lighting and other associated electrical designs, calculations, drawings and technical specifications for maintenance, renewal and improvement schemes, in accordance with the Quality Management System and associated service procedures.
2. Prepare costs, estimates and technical information to support project development, programme delivery and external rechargeable works.
3. Maintain and update the Council's lighting asset management database and associated records, ensuring the accuracy and completeness of asset information.



4. Maintain records within the Scottish Road Works Register and associated street works management systems, ensuring compliance with statutory requirements and Council procedures.
5. Support the delivery and monitoring of maintenance, renewal, inspection and installation programmes.
6. Undertake site surveys, inspections, audits, photometric testing, condition assessments and associated fieldwork, including the inspection of works undertaken by contractors, developers and utility providers to ensure compliance with specifications and standards.
7. Provide technical support and advice to operational staff, contractors, developers, consultants, Council services and members of the public, including responding to technical enquiries and external lighting submissions.
8. Support the investigation and resolution of faults, complaints, insurance claims and asset-related issues.
9. Maintain an awareness of relevant legislation, industry standards, best practice and technical developments, applying these within service delivery.
10. Undertake the operation of lighting control systems and associated infrastructure, supporting maintenance activities to ensure installations remain operational and function in accordance with service requirements.
11. Assist in promoting compliance with Health and Safety legislation, Council policies, procedures and safe working practices.
12. Deputise for the Lighting and Communications Engineer or Senior Lighting Technician as required and provide support across other operational functions within the section during periods of absence or increased workload.

Other Duties

The postholder may be required to undertake any other duties appropriate to the level of the post.

Duties and responsibilities will vary from time to time.

Person Specification

Essential Attributes

- HNC in Electrical Engineering, or an equivalent engineering discipline.
- Demonstrable proficiency in AutoCAD, with the ability to independently prepare, modify and maintain accurate layout drawings and technical plans.
- Analytical and problem-solving skills, with the ability to evaluate information and resolve technical issues.
- Capable of working independently, using initiative, demonstrating self-motivation and contributing effectively as part of a team.



- Effective verbal and written communication skills.
- Ability to take responsibility for the accuracy and quality of work undertaken.
- Ability to manage competing priorities, maintain accurate records and meet deadlines.
- Effective IT skills, including the use of word processing, spreadsheet and other software applications relevant to the role.
- Willingness to work outwith normal working hours where required (for example, lighting audits or standby duty officer rota).
- Full UK driving licence.

Ideal Attributes

- Experience of preparing engineering or technical designs, drawings, calculations and specifications.
- Experience of preparing cost estimates, technical information and reports.
- Working knowledge of street lighting and associated electrical infrastructure.
- Working knowledge of specialist lighting software such as Lighting Reality or DIALux.
- Experience of maintaining asset management systems, databases or other software relevant to the role.
- Working knowledge of the Scottish Road Works Register management processes.
- Experience of working with developers, consultants and contractors.
- Awareness of Construction (Design and Management) Regulations.
- 18th Edition IET Wiring Regulations qualification.
- NRSWA Supervisor qualification.

Training

- Experience of street lighting systems, asset management systems and associated industry-specific software is desirable; however, additional training will be provided where required.

Health and Safety

Health & Safety is an integral part of any role within the Highland Council. As such we would expect that all employees:

- Become familiar with Violent Incident and Accident reporting procedures and comply with them.
- Undertake a continual program of Risk Assessment in relation to their role within Highland Council.



- Have an understanding of the importance of Health and Safety in the workplace and familiarise themselves with the Highland Council's Health & Safety Procedures.

