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| **Job Description** |
| **Post title** | Street Lighting Design Engineer |
| **JE Reference No** | N7518 (post no. NTS70) |
| **Grade** | 11 |
| **Service** | Neighbourhoods, Climate & Change |
| **Service Area** | Technical Services |
| **Reporting to** | Design Manager (Highways and Street Lighting) |
| **Location** | Your normal place of work will be Meadowfield but you may be required to work at any Council workplace within County Durham. |
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| **DBS** | This post **is not** subject to a disclosure. |
| **Flexitime** | This post **is** eligible for flexitime. |
| **Politically restricted** | This post **is not** designated as a politically restricted post in accordance with the requirements of Section 1(5) of the Local Government and Housing Act 1989 and by regulations made from time to time by the Secretary of State. |

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| **Description of role** |

The postholder will be responsible for the design of lighting installations and checking external consultants design in accordance with current legislation and DCC Policy. The co-ordination and programming of projects between Design and Construction Services, including the supervision of Technicians and Technical Assistants.

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| **Duties and responsibilities** |

* The preparation and delivery of cost effective street lighting design ensuring compliance with current legislation and standards to both internal and external clients within appropriate timescales and budgets.
* To liaise effectively with all Highway Services teams to ensure efficient delivery of projects.
* To represent the Commercial Manager / Design Manager (Highways and Street Lighting) as appropriate at various meetings, working parties, panels etc as directed.
* To assist the Design Manager in ensuring the various performance standards and targets are achieved.
* Ensure designs are delivered to budget and programme.
* Liaise with stakeholders, Members, public, developers and other service providers, including regional electricity company.
* Work in accordance with and develop quality assurance systems as appropriate.
* Development and design of lighting replacement programmes and new installation programmes.
* To motivate, develop and support all staff within the Service to ensure that they maximise their potential.
* To assist the Commercial Manager / Design Manager (Highways and Street Lighting) in organising and managing the activities of the Service to ensure that the maximum efficient and effective use is made of the resources available.
* To liaise effectively with other County Council Services and other relevant outside bodies on the work of the Service.
* To co-operate effectively with others in the Corporate working of the Service.
* To foster and maintain good relationships with a wide range of internal and external stakeholders.
* To assist in the development of the street lighting and illuminated street furniture asset database to inform strategic planning.

**General**

* To carry out such other duties which may be allocated from time to time and which are commensurate with the grading of the post.

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| **Organisational responsibilities** |

* **Values and behaviours**

To demonstrate and be a role model for the council’s values and behaviours to promote and encourage positive behaviours, enhancing the quality and integrity of the services we provide.

* **Smarter working, transformation and design principles**

To seek new and innovative ideas to work smarter, irrespective of job role, and to be creative, innovative and empowered. Understand the operational impact of transformational change and service design principles to support new ways of working and to meet customer needs.

* **Communication**

To communicate effectively with our customers, managers, peers and partners and to work collaboratively to provide the best possible public service. Communication between teams, services and partner organisations is imperative in providing the best possible service to our public.

* **Health, Safety and Wellbeing**

To take responsibility for health, safety and wellbeing in accordance with the council’s Health and Safety policy and procedures.

* **Equality and diversity**

To promote a society that gives everyone an equal chance to learn, work and live, free from discrimination and prejudice and ensure our commitment is put into practice. All employees are responsible for eliminating unfair and unlawful discrimination in everything that they do.

* **Confidentiality**

To work in a way that does not divulge personal and/or confidential information and follow the council’s policies and procedures in relation to data protection and security of information.

* **Climate Change**

To contribute to our corporate responsibility in relation to climate change by considering and limiting the carbon impact of activities during the course of your work, wherever possible.

* **Performance management**

To promote a culture whereby performance management is ingrained and the highest of standards and performance are achieved by all. Contribute to the council’s Performance and Development Review processes to ensure continuous learning and improvement and to increase organisational performance.

* **Quality assurance (for applicable posts)**

To set, monitor and evaluate standards at individual, team and service level so that the highest standards of service are delivered and maintained. Use data, where appropriate, to enhance the quality of service provision and support decision making processes.

* **Management and leadership (for applicable posts)**

To provide vision and leadership to inspire and empower all employees so they can reach their full potential and contribute to the council’s values and behaviours. Managers and leaders must engage in personal development to ensure they are equipped to lead transformational change; always searching for better ways to do things differently to meet organisational changes and service priorities.

* **Financial management (for applicable posts)**

To manage a designated budget, ensuring that the service achieves value for money in all circumstances through the monitoring of expenditure and the early identification of any financial irregularity.

*The above is not exhaustive and the post holder will be expected to undertake any duties which may reasonably fall within the level of responsibility and the competence of the post as directed by your manager.*

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| Person specification |
|  | Essential | Desirable |
| Qualifications | * HNC or equivalent in a relevant street lighting design related discipline.
 | * Degree / NVQ Level 5 or equivalent in an appropriate discipline.
* Chartered or Incorporated Engineer.
* Evidence of CPD.
* Corporate Membership of the Institution of Lighting Professionals (ILP).
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| Experience | * Experience in the design and maintenance of street lighting infrastructure.
* Working at a senior level within a highway, street lighting environment.
* Understanding of Energy and CO2 legislation / guidance.
* Experience of computerised design / CAD software packages.
 | * Awareness of modern construction methods in a street lighting environment.
* Experience of initiating and implementing change.
* Working within financial constraints.
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| Skills & Knowledge | * Effective written and verbal communication skills.
* Strong analytical and decision making skills.
* Ability to think clearly, creatively, imaginatively and strategically.
* Knowledge of the British Standard/CEN standards for Street Lighting.
* Knowledge of highway contractual documentation.
* Electrical Safety in street lighting operations and strategic requirements.
* Latest knowledge of technology and products available to improve lighting network efficiency.
 | * Good IT skills.
* Knowledge of Quality Management Systems.
* Awareness of key performance indicators and benchmarking.
* Appreciation of quality systems and procedures.
* Team building.
* Understanding of County Council specification and policies for the delivery of construction projects.
* Understanding of CDM Regulations.
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| Personal Qualities | * Ability to work with and motivate a diverse range of people.
* Ability to undertake a diverse workload and work to tight deadlines.
* Highly motivated and enthusiastic self-starter.
* Commitment to own continuous professional development.
* Commitment to Health and Safety.
* Team orientated.
* Flexible approach to work.
* Results orientated.
* Access to a car or means of mobility support (if driving then must have a current valid driving licence and appropriate insurance).
* Due to the requirement to drive a County Council vehicle in this role, appointment will be subject to the production of a valid driving licence for the required category of vehicle and the satisfactory completion of an in-house Driver Induction Assessment.
* May be required to work outside normal hours.
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