# Senior Engineer

## Role description

* **Job Family:** Design & Engineering (Level 5)
* **Salary:** TBC
* **Location:** Scotland – Edinburgh/Glasgow Hub
* **Line manager:** Principal Engineer/Principal Urban Designer
* **Department / Team:** Delivery / UK Infrastructure

### Role summary

The Senior Engineer plays a key role in leading the production and technical review of project and programme outputs. The role involves managing typical projects and low risk programmes. This position significantly contributes to Sustrans' vision by delivering high-impact, innovative solutions.

The Senior Engineer will work as part of a multi-disciplinary team of designers, engineers, technicians and other technical specialists, to provide design and engineering input and support for delivery of projects and programmes aligned to Sustrans strategic priorities.

### Key responsibilities

**Project Management:**

* Project manage typical projects and low risk programmes.
* Apply creative problem-solving to address project challenges.

**Output Production:**

* Lead the production and technical review of project and programme outputs, using recognised technical expertise.
* Adopt innovative, sustainable design and construction practices across all projects.

**Technical Know-How:**

* Recognise the limits of technical guidance and the need to work beyond guidance and where there is no guidance.

**Leadership and Management:**

* Line management and/or supervision and/or mentoring of colleagues at lower levels.

**Communicating with and Influencing Partners:**

* Engage with internal and external partners and regulatory bodies to provide technical authority.

**Business Development:**

* Lead on the delivery and production of project proposals and on identifying new opportunities.

### Person specification

### Specific qualifications or experience required

* Degree or equivalent in a relevant field (Civil Engineering, Traffic Engineering, or an alternative, relevant and demonstratable specialism) plus 4 years’ experience OR 7 years' work experience in a relevant role.

### Specific/technical knowledge required

* Competence in using design software.
* Up to date working knowledge of developments in sustainable transport design, delivery, innovation and best practice, including inclusive design and use of technology.
* Thorough working knowledge of current health and safety legislation and practices, including application of CDM Regulations.

### Skills and abilities

* Expertise in the production of technical drawings and specifications for active travel infrastructure and/or streets and/or public places using design software.
* Strong organisational skills and the ability to plan and prioritise work for large programmes and multiple projects.
* Proven problem solving skills.
* Excellent communication skills with the ability to tailor this to technical and non-technical audiences.
* Client and stakeholder relationship management.
* Track record in project management and programme plan management including risk management and budgetary management.
* Proven leadership skills.
* Track record of participation in business development and bid writing / tender processes.

### Professional Membership

* Working towards Chartered professional status (desirable)

This document does not form part of the contract of employment but does outline our expectations. If we need to amend this document in the future we will consult with the post holder before doing so.

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