



## Job Outline

Directorate of Communities and Environment

Job Title	Principal Engineer	Post Number	
Responsible to	Civil Engineering Services Manager	ERYC Grade	14
<p><b>Overall Purpose:</b> To assist and deputise for the Civil Engineering Services Manager in the running of the group, providing management and leadership to maintain service delivery in relation to Civil Engineering Services.</p>			

Principal Accountabilities	
1	To provide a multi-disciplinary consultancy service including construction management, procurement, engineering, project management, technical advice, feasibility studies, scheme designs, contract administration, investigation and operational management.
2	Maintain successful delivery of the Local Transport Plan Capital Programme of works.
3	Support the development of the Council's policies in these areas of work.
4	Support the development of the Council's major highway, transportation, flood and coastal risk management and structures schemes.
5	Project Manage the delivery of the Council's major highway, transportation, flood and coastal risk management and structures schemes.
6	Provide a multi-disciplinary engineering consultancy service including: <ul style="list-style-type: none"><li>▪ Project management</li><li>▪ Technical advice</li><li>▪ Feasibility studies</li><li>▪ Scheme design</li><li>▪ Contract administration</li><li>▪ Investigation</li><li>▪ Operational management</li></ul>

7	Delivery of step change improvements in the efficiency of civil engineering/technical project management and service delivery.
8	Promote good customer relations and develop the marketing and promotion of Civil Engineering Services to Elected Members other Council department suppliers, external agencies and the wider public.
9	Ensure finite budgets are not exceeded across a wide variety of major projects.
10	Interview applicants and recommend appointments for senior and junior staff vacancies.
11	In your role you are required to speak English with sufficient fluency to effectively perform your duties, as required by Section 77-84 of the Immigration Act 2016
<b>General Information</b>	
1	The above principal accountabilities are not exhaustive and may vary without changing the character of the job or level of responsibility.
2	The Health and Safety at Work etc. Act, 1974 and other associated legislation places responsibilities for Health and Safety on all employees. Therefore it is the postholder's responsibility to take reasonable care for Health and Safety and Welfare of him/herself and other employees in accordance with legislation.
3	The above duties may involve having access to information of a confidential nature which may be covered by the Data Protection Act, and by Part 1 of Schedule 12A to the Local Government Act, 1972. Confidentiality must be maintained at all times.



## Employee Specification

Post Title: Principal Engineer

ERYC Grade: 14

### Essential Criteria

- Relevant construction related qualification plus relevant post qualification experience.
- Management qualification.
- In depth knowledge of construction industry and construction methods.
- Detailed working knowledge of risk management, project management and delivery programming.
- Professional, technical, legal, financial skills in relation to particular specialist area.
- Must understand customer standards and work within them.
- Must consider the need of the customer and value for money.
- Should consider mechanisms for involving customers or customer groups in designing services.
- Skilled negotiation and technical advocate.
- Interpersonal skills in the form of oral and written communication.
- Proof of managerial experience relating to a range of civil engineering related services.
- Experience as a senior manager.
- Civil engineering project delivery and financial contract and operational management.
- Management and leadership in a multi – disciplinary team environment.
- Leadership, interpersonal and motivational skills.
- Detailed knowledge of construction procurement procedures and associated regulations.
- Experienced with financial control of programme budgets and project costs.
- Project Management and delivery programming skills.
- Ability to organise and prioritise finite resources.
- Flexible, Motivating, Progressive personal qualities.
- Requirement to work additional / unsociable hours at short notice.
- Mainly office based but mobility to attend meetings, meet with members of the public etc.
- Ability to predict and where possible avoid problems using both established and creative techniques.
- In depth knowledge of Rethinking Construction best practice.
- Analytical, judgemental and creative skills.



- Creativity and flair and the ability to translate these in to value for money project solutions.
- IT specialist skills for mathematical / engineering analysis.

### **Desirable Criteria**

- Registered PRINCE2 Practitioner.
- Equivalent to NVQ Level 4 in an appropriate construction discipline.
- CSCS – Managers & Professionals Card Holder.
- Institution of Occupational Safety and Health ‘Managing Safely’.
- Both public and private sector construction / management experience.
- Analysis of complex problems, development of solutions and conveyance to non-technical audiences.
- Undertake the role of Principal Designer for complex schemes.
- Employment and contract law including health and safety and a high level of understanding of the CDM regulations.
- Detailed knowledge of Council Policy administrative and political systems.