



Job Outline

Directorate of

Job Title	Engineer – Flood Risk Strategy	Post Number	POST12599
Responsible to	Principal Engineer – Flood Risk Strategy	ERYC Grade	8

Overall Purpose: To provide engineering and technical support to the Council's Strategic Flood Risk Management team, working on projects, schemes and supporting work which maintains and improves the East Riding's flood management infrastructure covering the Council's statutory role as Lead Local Flood Authority and Risk Management Authority.

Principal Accountabilities	
1	To assist with undertaking the authority's strategic duties and responsibilities under the Flood & Water Management Act (2010) and drainage legislation
2	Assist in the development of statutory strategic plans for flood management (including the Local Flood Risk Management Strategy and Catchment Flood Risk Management Plans) which will support the sustainable future of the East Riding
3	Prepare and oversee the delivery of minor flood risk alleviation engineering projects and assist in the preparation and delivery of complex or major schemes from conception to completion in accordance with the Council's practices and procedures
4	Assist in the management of the Council's internal Capital Programme for flood schemes, liaising with project managers and engineers to monitor scheme progress and profiling accordingly
5	Overall project and programme management of internal and external resources to deliver complex engineering solutions covering feasibility, design and construction, within programme and budgetary constraints
6	To assist in the preparation funding bids for flood-related schemes in order to secure additional internal and external funding, including writing of business cases and benefit analysis
7	Provide advice and liaise with other bodies (MPs, ward members, town/parish councils, government departments, water boards, IDBs etc) to ensure full understanding and agreement on specific proposals or issues
8	To hold and update information on the extent, use and condition of the flood infrastructure
9	To analyse and report on the delivery and performance of asset management plans
10	To promote and support innovative approaches for improvement and efficiency in the service

11	Implement, manage and maintain the integration of flood risk asset register with the Council's work management systems to ensure a coordinated process to manage the flooding assets of interest to the authority
12	Assist in the detailed investigation of flood events, with a view to capture relevant data to feed into a strategic approach for dealing with flood risk
13	Carry out any other duties and responsibilities appropriate to the grade and level or responsibility of the post and assist as able across the Service when peak workload requires
*	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
	The above principal accountabilities are not exhaustive and may vary without changing the character of the job or level of responsibility.



Employee Specification

Post Title: Engineer – Flood Risk Strategy

ERYC Grade: 8

Essential Criteria

- Knowledge of the Flood Risk Management and/or the Water Industry
- Good IT literacy, ideally including experience of GIS programmes
- Knowledge of programme and project management practices and principles
- Awareness of local area and associated flood risk issues
- Excellent report writing skills
- Excellent interpersonal skills in the form of both oral and written communication
- Negotiation and diplomacy skills
- Analytical judgement, creativity to deal with complex and varied situations
- Quick to grasp new concepts and initiatives

Desirable Criteria

- Knowledge of SUDs and associated Local Authority involvement
- Experience of assisting in the preparation of flood risk plans, policies and/or strategies
- Degree/HNC/HND or other appropriate qualification in related subject
- Awareness of the governance/management structure around Flood and Coastal Erosion Risk Management (FCERM)
- Use of asset management systems including databases, and/or flood modelling software
- Understanding of the principles of asset management
- Experience in working with other stakeholders within the flood and water industry
- Knowledge and application of legislation, guidance and standards in relation to Flood Water Management and Lead Local Flood Authority's powers
- Full driving licence and use of own vehicle