

SENIOR ENGINEER



Role Profile	Specialist Band K
Service/Team	South West Flood & Coastal
Reports to	Capital Projects Manager
Responsible for	None
Number of posts	1
Post number	113804
Career Grade	n/a

My job improves the quality of life for the people of Bournemouth Christchurch, Poole East Devon and the wider South-West area working collaboratively with partner organisations, undertaking a range of tasks to support delivery of FCERM activities and secure positive outcomes for communities at risk of flooding and coastal erosion now and in the future, as the climate changes.

Job Overview

The Senior Engineer provides specialised economic, effective and efficient services to the Council in delivering Flood & Coastal Erosion Risk Management (FCERM) projects and may provide these services to other public sector authorities as the lead engineer or project manager.

The role provides project lifecycle delivery of complex FCERM asset replacement, renewal or new asset capital design and construction projects. This includes development of funding/business case(s), procurement of services and works, project management, stakeholder engagement, aligning projects to BCP Council sustainability targets and working autonomously within the FCERM Grant in Aid framework.

As a senior member of the team the role may involve coordinating a small project team on large projects and providing leadership and mentoring to other service staff.

The role will assist with the growth and development of South West Flood & Coastal (SWFaC), identifying opportunities and working with external authorities to aid in their service delivery.

Key Responsibilities

- Client project management of FCERM and infrastructure projects. This involves co-ordination between various areas of the organisation and external parties, leading procurement activities, applying project management principles, monitoring budget and spend (+£10m), undertaking risk management and stakeholder engagement and ensuring consenting and licencing of activities.

- Development of business cases, feasibility studies and economic appraisals, to appraise potential schemes, either by appointing third parties or through self-delivery dependent upon size and complexity.
- Propose, monitor and control resources effectively throughout the task/project. Provide technical leadership, set standards and actively lead best practice activities, such as effective critical path programme management, decision logging, project risk assessments, stage gate reviews and lessons learnt.
- Develop effective and constructive relationships with internal and external clients, our supply chain and governing bodies whilst partnership working by providing critical thinking, robust and professional advice and value for money.
- Role model best practice in project management, design and construction management including applying Construction Design Management (CDM) Regulations, Government guidelines and requirements (for example: procurement policy, the Construction Playbook, National Planning Policy, sustainable design, and Defra flood defence grant in aid appraisal) to the FCERM service.
- Develop newer FCERM staff by proactively knowledge sharing and encouraging best practice across FCERM teams.
- Role model the SWFaC service values and behaviours and engage with the service ways of working, and corporate initiatives including appropriate use of policy, procedures, systems and tools.

Specific Qualifications and Experience

- Level 6 or higher qualification in a relevant field (or equivalent experience).
- Advanced relevant professional qualification (or equivalent experience and ability to work towards professional qualification).
- Repeated previous experience in the FCERM industry sector, i.e.:
 - Funding case/business case development and application of the FCERM Appraisal Guidance
 - Design management
 - Pursuing and obtaining licencing and consenting
 - Project management (monitoring and controlling cost, time, quality and risk).
 - Contract management (e.g., NEC3 and NEC4 PSC, ESC and ECC)
 - Stakeholder engagement / liaison
- Experience in presenting to senior leadership, senior management, councillors or clients and facilitating/chairing key project, commercial and contract meetings.
- Experience in preparing project proposals including cost, time, resource and risk assessment and presenting these to prospective clients (preferred but not essential).
- Extensive knowledge of the FCERM industry, flood and coastal design, and construction techniques.
- Strong understanding of the principles of the asset management life cycle, principles of risk and opportunity based approach to decision-making and funding of capital schemes and capital maintenance.
- Repeated experience of performing CDM client duties.
- Competent using Microsoft Office 365 apps, including: Outlook, MS Project, Excel, PowerPoint and Word.

Personal Qualities & Attributes

- Ability to effectively prioritise a complex workload and coordinate project resources in an environment of change and manage competing demands effectively.
- Excellent interpersonal, oral and written communication skills, high level of emotional intelligence and inclination to lead others in both business as usual tasks and to develop process improvements to delivery of services.
- Confidence in own abilities and depth of experience to constructively challenge ways of working, propose innovative solutions and lead the development of these with integrity.
- High level attention to detail, with the ability to present information in a succinct and informative manner, and an ability to pitch the right level of technical information to an audience.
- High level of general ICT skills and competence in utilising web based financial monitoring systems and basic geospatial systems.
- Team player and confident decision-maker with the ability to work autonomously within the authority of the role.
- High awareness of Council decision making and governance and ability to think strategically regarding the sensitivities of delivering FCERM within the local and national geographical and political context.

Job Requirements

- Must be able to travel regularly, using public or other forms of transport (where they are efficient means of travel), or by holding a valid UK driving licence with access to own or pool car.
- If using own vehicle, a valid business use insurance policy must be in place.
- Must be willing to work occasional early mornings, evenings and weekends commensurate with the type of construction being managed (i.e. tidal working or working within consenting windows/periods).
- To comply with all decisions, policies and standing orders of the Council and any relevant statutory requirements.

This job description is not exhaustive and reflects the type and range of tasks, responsibilities and outcomes associated with this post.