

# SENIOR ENGINEER



<b>Role Profile</b>	Specialist Band K
<b>Service &amp; Team</b>	Flood & Coastal Erosion Risk Management – Capital Projects
<b>Reports to</b>	FCERM Capital Projects Manager
<b>Responsible for</b>	None
<b>Number of posts</b>	None
<b>Post number</b>	9535
<b>Career Grade</b>	n/a

**My job improves the quality of life for the people of Bournemouth Christchurch and Poole by providing expertise to address the challenges of flooding and coastal change, working with partners and local communities to share understanding of the challenges faced, deliver schemes and enable innovative solutions to strengthen resilience while enhancing our natural environment.**

## Job Overview

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

The role provides project lifecycle delivery of complex engineering asset replacement, renewal or new asset capital design and construction projects. This will include but is not limited to; development of business case(s) for partnership funding in collaboration with others, procurement of services and works, project cost and time management, project quality management and risk assessments, stakeholder engagement, licencing and consenting requirements, resource requirement proposals to the FCERM Capital Projects Manager, 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 major projects, will provide leadership and mentoring to other service staff.

The role will assist with the growth and development of the Centre of Excellence, identifying opportunities and working with external authorities to aid in their service delivery.

## Key Responsibilities

- Provide project and commercial contract management of flood risk, coastal erosion and other related projects through inception, design and construction, coordinating/leading project tasks and resources. This will involve co-ordination between various areas of the organisation and external consultants, leading procurement activities, applying project management principles, monitoring budget and spend, undertaking risk management and stakeholder engagement and ensuring consenting and licencing of activities.
- Where leading a project; propose, monitor and control resources effectively throughout the task/project. Provide technical leadership, set high 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 Service.
- Develop newer staff by proactively knowledge sharing and encouraging best practice across the Service.
- Role model the BCP Council and FCERM service values and behaviours and engage with the Service ways of working, and BCP 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 civil engineering sector, i.e.:
  - Business case development / securing funding
  - Design process and management
  - Project management (monitoring and controlling cost, time, quality and risk).
  - Pursuing and obtaining licences, permits and consents
  - Contract management (e.g., NEC3 and NEC4 PSC, ESC and ECC)
  - Construction management
  - 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 in the field of civil engineering, design, and construction techniques, preferably within the coastal / tidal environment (but not essential).
- 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 duty roles.
- 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 engineering projects 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 infrequent 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.