

**Employer:** East West Railway Company  
**Location:** Milton Keynes  
**Basis:** Permanent

## **A little bit about us:**

East West Rail is a new direct connection, linking communities between Oxford and Cambridge, including Bicester, Milton Keynes and Bedford by rail. Oxford, Cambridge and the communities in between are renowned for their vibrant economy, educational excellence and scientific innovation. They deliver growth and prosperity both locally and for the whole country; connecting these two cities and the communities in between is crucial to the social and economic future of the region.

East West Railway Company was set up to accelerate the delivery of the East West Rail infrastructure and passenger services, bringing faster journey times and easing pressure on local roads.

We were set up by the Secretary of State for Transport in 2017 to do things differently. We aim to innovate, positively disrupt, and challenge the status-quo, leading to quicker and more cost-effective project delivery, and an improved experience for passengers and the communities we serve.

## **Role Summary:**

- Working for the Programme Director (embedded delivery), accountable for meeting agreed performance objectives for delivering EWR business requirements to time, cost and quality.
- Reporting directly to the Engineering Director (functional employment), accountable for meeting agreed objectives for implementing EWR technical strategy, standards and assurance.
- A fully embedded member of the Programme Management Team, working closely with the Programme Director, Project Managers and Commercial Teams.
- As part of the Engineering Management Team, work closely with Target State and Integration teams to implement EWR Engineering Strategy, Policies, Plans and core processes.
- Accountable for managing the budget for the programme Engineering resources (staff and consultancy), with all programme employed engineers (Project & Discipline).
- Given the early stage of the project, it is likely that the nature of the role may evolve as the project progresses. It is also possible that other ad-hoc activities and duties may be required.

## **Team dimensions:**

Reporting directly Engineering Director

## **Responsibilities and accountabilities:**

As a Head of Programme Engineering for East West Rail, your responsibilities and accountabilities will be, but limited too, the following:

- Provide engineering leadership and support to the Programme Engineering Managers in developing business case, requirements, consents and approvals.
- Translate Target State needs and configuration state requirements into appropriate engineering scopes of work and solutions, constructively challenge requirements to optimise engineering performance & value for money.
- Implement and uphold the EWR engineering management strategy, policies, core processes and methods through an integrated Programme Engineering Plan defining how engineering is managed.
- Lead Engineering Safety Management for cs1, cs2 and cs3's engineering people and assets, assuring integrated system safety and performance at a configuration state system of systems level.
- Ensure compliance with the EWR Engineering Technical Strategy & Standards, appropriately challenge standards and negotiate derogations/concessions to optimise delivery performance. Provide required risk-based assurance evidence to System Heads.
- Accountable for the programme engineering resource and capability plan, to acquire the required programme engineering resources (with functional competence assessment from the appropriate Discipline). Collaborate with Head of Target State and Integration to optimise resource utilisation and delivery priorities across EWR.
- Manage programme engineering through appropriate engineering line reporting. Set specific programme engineering objectives, managing engineering priorities across the programme engineering management teams to ensure effective delivery. Implement effective KPI & Metrics, visualisation and reporting for engineering performance, promoting a high-performance culture.
- Ensure systems integration such that CS1, CS2 & CS3 build the capabilities such that the target state will deliver the stated outcome metricised targets.
- Actively lead programme level technical risk identification and mitigation.
- Actively lead and accelerate engineering innovation to meet EWR challenges, influencing the industry and informing EWR on technical opportunities and risk.

## **Experience and skills:**

As an EWR Programme Engineering Manager, you will have extensive experience in leading multi-disciplinary capital programme engineering teams in a regulated safety critical environment.

## **Your skills will include:**

- Leadership of delivery of engineering solutions within large scale and technically complex projects
- Excellent communication with the ability to promote and execute programme strategy
- Influencing skills, including negotiating and facilitating joint decision making with colleagues and stakeholders
- Building and leading high-performance teams
- System Engineering and Asset Management tools and techniques

- Innovation and change management, including best practice continuous improvement methodologies
- Engineering Safety Management and best practice technical risk control methodologies

#### **Your experience will include:**

- Broad experience of senior leadership of project engineering in a complex, safety focussed and regulated organisation with multiple complex interfaces
- Personal responsibility for successfully delivering engineering projects of between £10-£200m value to time, cost and quality
- People leadership of large multi-disciplinary project engineering teams
- Experience of working within relevant UK rail industry legislation and standards

#### **Education and qualifications**

- Chartered or Incorporated engineer
- Bachelor degree or equivalent in the field of engineering (or demonstrably equivalent professional experience)
- You will need to have the right to work in the UK

#### **What we offer:**

- Competitive base salary
- Up to 12% employer's pension contribution
- 36 days holiday a year (including bank holidays) + up to 2 days to buy
- Life assurance
- Employee Assistance Programme
- Perks platform with hundreds of discounts and freebies
- On-the-spot and annual awards
- Advanced learning and development programmes
- Great work-life balance and flexible working opportunities
- Enhanced family-friendly policies
- Exceptional IT tools

EWR Co strives to embrace a flexible working environment, where a degree of flexibility is maintained to accommodate both the needs and preferences of employees and what is required to achieve business objectives. EWR Co will always work with any individual to assess and accommodate an individual's work life balance and style.

#### **Join the team!**

Please send your resume and a covering letter explaining why you are interested in the role and meet the above experience requirements to: [recruitment@eastwestrail.co.uk](mailto:recruitment@eastwestrail.co.uk)