

# Earthworks & Geotechnical Engineering Executive

<b>Employer:</b>	East West Railway Company
<b>Location:</b>	London initially, then based in the Oxford-Cambridge corridor
<b>Basis:</b>	Permanent
<b>Role Summary:</b>	Unique opportunity to support the development of a nationally significant infrastructure project currently in its initial stages through developing and managing the requirements management capabilities in this new organisation.
<b>Team dimensions:</b>	Reporting to the Head of Engineering (Earthworks & Geotechnical)

Would you like to be at the forefront of the changing landscape of the rail industry?

## A little bit about us:

East West Rail is a proposed new rail link between Oxford, Milton Keynes, Bedford, Cambridge and potentially beyond. As part of the wider plans for this strategically important corridor, it is one of the most high profile infrastructure projects in the UK today. The new railway will improve local connectivity and serve as a catalyst for economic development and the creation of new housing, as well as significantly reducing existing journey times.

We offer a truly breath-taking opportunity to:

- Innovate, positively disrupt and make impactful decisions
- Openly share your ideas and knowledge
- Be part of a passionate, diverse and friendly team
- Learn, develop and build the career of your dreams
- Have the right work-life balance through flexible working arrangements
- Be rewarded and recognised for your input

# **Key accountabilities:**

As Earthworks & Geotechnical Engineering Executive for the East West Rail scheme you will:

- Consider the earthworks and geotechnical elements of the railway
- Assist with the maintenance of earthworks and geotechnical engineering policies and standards for the Central Section design, assessing and challenging derogations, as required.
- Assist with the review and assurance of the design, construction and commissioning of earthworks and geotechnical assets, ensuring compliance with technical standards and policies, safety and quality principles, and taking into account lifecycle costs and operational impacts
- Support the delivery of a safe Scheme design
- Support asset management and maintenance planning activities, as required, and ensure that engineering data and deliverables are delivered for the operations phase

## **TEAM DIMENSIONS**

- Part of the Engineering Directorate, reporting to the Head of Engineering (Earthworks and Geotechnical)
- No direct reports
- 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.

## **Day to day you'll:**

- Assist and support the Head of Engineering (Earthworks and Geotechnical)
- Assist in the production of project specifications
- Review and update engineering policies and standards

## **You should apply if you have:**

As Earthworks and Geotechnical Engineering Executive for the East West Rail scheme, you will have at least 5 years' experience in a comparable position, in a safety critical environment, preferably in the rail industry. Preferably, you will also have some experience of holding roles in fast paced and complex environments during the setup of a new organisation.

Your skills and experience will include:

- Comprehensive knowledge of best practice in the design and maintenance of earthworks assets in a railway environment

- Knowledge of transport engineering with specific rail experience, covering specification, design, implementation and maintenance
- The proven ability to review and assure engineering solutions within a complex technical environment
- Strong analytical skills with the ability to analyse complex data (quantitative and qualitative), draw conclusions, and produce solutions and decisions
- Experience of working as part of an Engineering Team proving support to large, technically complex, safety focused and regulated projects, where there are multiple, complex interfaces

#### **EDUCATION AND QUALIFICATIONS**

- Degree in Civil Engineering or other relevant subject or equivalent experience and training
- Chartered or Incorporated Civil Engineer or equivalent

You will need to have the right to work in the UK.

## **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)