

Earthworks & Geotechnical Engineer – Senior Engineer

Employer:	East West Railway Company
Location:	London initially, then based in the Oxford-Cambridge corridor
Basis:	Permanent
Role Summary:	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.
Team dimensions:	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 are building a diverse team and we welcome people with different types of experience and outlook.

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 an Earthworks & Geotechnical Engineer – Senior Engineer you will:

- Influence the earthworks and geotechnical elements of the new railway
- Assist with the development and 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, whilst considering whole life cost and operational needs
- Assist asset management and maintenance planning activities and ensure that engineering data and deliverables will support the operational phase

TEAM DIMENSIONS

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

You should apply if you have:

At least 5 years' experience in a comparable position, in a safety critical environment, preferably in the rail industry. Ideally, you will also have some experience of fast paced and complex environments such as during the setup of a new organisation.

Your skills and experience will include:

- Knowledge of transport engineering with specific rail experience, covering best practice in specification, design, implementation and maintenance of earthwork and geotechnical assets
- Strong analytical skills with the ability to handle complex data (quantative and qualitative) and produce solutions and decisions
- The proven ability to review and assure engineering solutions within a complex technical environment
- Experience of working in an Engineering Team providing support to large, technically complex, safety focused and regulated projects, with multiple system interfaces

EDUCATION AND QUALIFICATIONS

- Degree in Civil Engineering, Geotechnical Engineering, Engineering Geology or equivalent experience and training
- Chartered or Incorporated Civil Engineer, Engineering Geologist or ability to demonstrate a clear plan to achieve chartership with a relevant institution within 12-18 months.

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**