Head of Systems Engineering

Employer: East West Railway Company

Location: London initially, then based in the Oxford-Cambridge corridor

Basis: Permanent

Team dimensions: Reporting directly to the Engineering Director

Would you like to be 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 Head of Systems Engineering for the East West Rail scheme you will:

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- Lead all Systems Engineering activity within EWRCo with the objective of making sure that business objectives are achieved, all relevant policies and standards are adhered to, and completed work is reviewed and approved to an appropriate level
- Provide professional Systems Engineering leadership, guidance and support to all functions throughout the project, to improve decision making, design, and execution
- Lead the review of System Engineering activities for all scheme elements with a to make sure they comply with all relevant policies, standards and System Engineering requirements
- Oversee the training and professional development of all direct reports to ensure the provision of appropriate development opportunities and to ensure that competence is maintained
- Support the EWR Co. commitment to customer service and an excellent customer journey

TEAM DIMENSIONS

- Three direct reports (Specialist DOORS Engineer, Specialist RAM Engineer, Requirements Executive)

- 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:

- Lead project teams and / or complex railway projects GRIP Stage 5-8
- Lead project teams and / or complex change projects through whole life cycle
- Develop and implement management plans for the project life cycle
- Facilitate and chair project review meetings with Network Rail and suppliers
- Develop a clear understanding of the project baseline to effectively identify and administer project change

You should apply if you have:

As Head of Systems Engineering for the East West Rail scheme, you will have with 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:

- Detailed knowledge of industry standards relating to Systems Engineering

- Thorough knowledge of railway infrastructure design, construction, operation and maintenance

- Experience of engineering management

- Track record as an effective team player with strong interpersonal skills
- Commercial awareness

EDUCATION AND QUALIFICATIONS

- Degree in a relevant subject or equivalent experience and training
- Ideally a member of INCOSE (International Council on Systems Engineering)

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**