

Asset Management Engineer

Employer: East West Railway Company

Location: Milton Keynes

Basis: Permanent

Role Summary: Responsible for leading the, collation, definition and validation of the asset management requirements, with the emphasis on data, to deliver; Asset Breakdown Structure, Object Type Library, Ontology and Taxonomy as the means to capture requirements in a structured and consistent manner.

Team dimensions: Reporting directly to the Head of Asset Management and Maintenance

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.

As we build our team, we're looking for people with the right skills and mindset so that we can innovate, positively disrupt and set new industry standards. Whether you've been working on some of the world's most exciting rail and infrastructure projects or can inspire us with your ideas and expertise from other sectors, we want to hear from you.

Responsibilities and accountabilities:

Responsible for:

- Developing the; Asset Breakdown Structure, Object Type Library, Ontology and Taxonomy as the means to capture requirements in a structured and consistent manner
- Ensuring that the EWR CDE systems are consistently configured in line with the above data architecture
- Defining the whole life Asset Management requirements in line with the business case and customer experience outcomes.
- Leading the production of the Exchange Information Requirements for each contract to ensure that EWR data deliverables are fully specified and that their delivery can be monitored and reported over the life of each contract.
- Working with the Engineering Heads and Programme Engineering Managers in terms of assuring the whole life Asset Management requirements are configured by the Technical Partner in line with the whole life Asset Management requirements.
- Informing the EWR strategy and output requirements with expert technical advice and industry leading practice for Asset Management.
- Supporting the setting of the EWR Technical Strategy/Plan for Asset Management, including standards and principles to optimally achieve the requirements.
- Assuring technical compliance through appropriate Verification & Validation and technical approvals.
- Challenging requirements to ensure that EWR deliver Asset Management that delivers a compliant whole railway solution (operationally and systematically) and meets legislative requirements and industry standards.
- Driving Asset Management activities for the programme to enable the delivery of an integrated railway system and the achievement of the necessary safety and performance outcomes.
- Actively manage and mitigate EWR system engineering and technical risks, including those related to Asset Management, whilst assuring that technical risk is appropriately managed within delivery partners
- Leading the Asset Management approach across the programme including ownership of the interfaces for this system and playing a key role in the Whole System Architecture activities, of which this forms a critical part.
- Guiding Capital Delivery in implementing the Asset Management requirements and strategy working closely with your peers in the rest of the Engineering Directorate.
- Actively managing and accelerating engineering innovation in relation to meet EWR challenges.
- Acting as a role model for EWR Co.'s vision and values, by supporting the EWR Co. commitment to customer service, promoting diversity in the workplace, adopting appropriate behaviour when interacting with colleagues, and encouraging and supporting others to do the same.
- Your own and others' health and safety by adopting and working to the EWR Co. Health and Safety principles, ensuring you follow safe working procedures at all times.

Role Dimensions

Reporting to the Head of Asset Management and Maintenance.

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.

Experience and skills:

- Extensive experience of applying asset management standards and approaches, preferably with a modern and innovative perspective and familiarity with AIMS, ABS, OTL, Ontologies, Taxonomies and BIM.
- Broad experience of specifying, planning and performing Asset Management activities on a major programme working as part of a regulated organisation with multiple complex interfaces.
- Experience of applying the engineering lifecycle including requirements, specification, design, build and maintenance and verification and validation in relation to your specialism.
- Extensive experience of Asset Management specification and design, including interface definition and management and control of same on a multi-disciplinary programme.
- Detailed understanding of what Asset Management is, what its critical dependencies and interfaces are (including operational ones) and how this should be managed and controlled on a safety critical programme.
- Excellent experience of engaging with peers and stakeholders on your specialism.
- Extensive experience of change management, rapidly adapting to emerging requirements, changing circumstances and high levels of uncertainty and ambiguity in a fast-changing environment.
- Working within relevant UK rail industry legislation and standards.
- Specification, design & implementation of Asset Management requirements and approaches preferably gained on mainline railways, including specifying Exchange Information Requirements
- Supporting the specification, and implementation of the asset management information system(s)

What we offer:

- Competitive base salary
- Quarterly bonus scheme based on individual performance
- 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

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