

Position Description



Position Title	Manager ETCS Engineering CRR
Position No	00089421
Delegation Level	005
Job Designation	Manager
Organisational Unit	ETCS Alliance (Embedded) Major Projects Delivery
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	Lead Others
Shiftworker	No
Classification (Range)	Contract
Pay Scale Type	Contract
Reports to Position	Senior Manager ETCS Engineering

QUEENSLAND RAIL VALUES:

1 Queensland Rail - We do better together
Treat others with respect - We appreciate everyone's contributions and differences
Empower our people - We have confidence in our people
Act Safely - We work safe, to go home safe
Make a positive difference - We learn from today, to improve tomorrow

Position Purpose

Support the Alliance Manager in the planning, delivery, and assurance of European Train Control Systems (ETCS) engineering activities as the Engineering Manager of the QR participant in the Alliance. Provide technical leadership and support within a multi-disciplinary and multi-party environment, ensuring ETCS solutions are safe, compliant, and operationally effective. Support consistent engineering outcomes across a range of projects and contribute to the successful integration of ETCS into the Queensland Rail network.

Position Responsibilities

1. Participate as a member of the Alliance Program Team (APT) to provide leadership on key engineering and operational issues that assist the ETCS program in achieving business targets, objectives, performance measures, and safety responsibilities, while continually seeking to implement business performance improvement initiatives.
2. Identify, capture, and manage project engineering requirements from the Business, including changes to, gatekeeping, and quality of requirements to ensure delivery of results in a highly complex and diverse brownfields environment.
3. Build and manage interfaces and relationships with internal and external stakeholders, influencing decision-making processes to deliver key project milestones and integrated, fit-for-purpose solutions.
4. Oversee the delivery of Queensland Rail support for Signalling, Telecommunications, Operational Systems, and Electrical engineering services for the ETCS Alliance. Provide technical leadership and oversight across ETCS, signalling,

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telecommunications, and operational systems to ensure alignment with QR standards and safety obligations.

5. Provide engineering expertise in the development of project change requests, including scope and estimates to support effective decision-making and project control.
6. Utilise value-focused engineering processes across design, verification, construction validation, and commissioning of rail infrastructure works. Collaborate with internal stakeholders, alliance partners, and delivery teams to resolve complex engineering challenges.
7. Investigate opportunities through effective asset management and new technologies to reduce costs, improve asset utilisation and lifespan, and optimise service delivery across the ETCS portfolio.
8. Manage the sustainable development of engineering capability, including professional and technical competency, to ensure effective succession and workforce planning. Contribute to the continuous improvement of ETCS engineering practices, governance, and capability.
9. Lead and manage a team of Signalling, Telecommunications, and Operational Systems leads in the ETCS project. Support operational readiness and transition planning to ensure seamless integration of ETCS into the live network.

Additional Factors

The appointee will be required to :-

- Comply with Queensland Rail's Code of Conduct;
- Observe all legal and safety obligations of the organisation;

What is the key selection criteria

1. High level of leadership and management skills in delivering engineering services in complex, multidisciplinary engineering projects within a safety critical rail environment.
2. High level of interpersonal communication, consultation, and negotiation skill, with a proven ability to build and influence productive relationships across diverse stakeholder groups.
3. High level of skill in applying innovation and continuous improvement to drive transformation, motivate team performance, and enhance engineering delivery.
4. Extensive knowledge of engineering principles and practice, especially as applied in a commercially focused railway environment.
5. Extensive knowledge of Queensland rail operations and high-level skill in the technical delivery of large-scale signalling projects, with proven experience navigating complex organisational environments and operational constraints.
6. Knowledge of and willingness to commit to and work within Queensland Rail's Value and Behaviours.

Pre-employment Checks:

Not Applicable

Pre-employment Qualifications:

What qualifications do I need to hold prior to applying for the position?:

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Health, Safety and Environment Responsibilities

Comply with the overarching document called Health, Safety and Environment Responsibilities MD-11-6843 located in the Safety and Environment Management System.

Personal Protective Equipment needs:

Refer to relevant business instructions.

Safety Publications

Refer to relevant business instructions.

Please Note:

Queensland Rail has a random alcohol and other drug testing program.

Testing can occur anywhere, at any time, on any day.