

Position Description



Position Title	Principal Systems Engineer
Position No	00080969
Delegation Level	006
Job Designation	Engineer Projects
Organisational Unit	ETCS Alliance (QR) ETCS
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	Yes
Medical Fitness Standard	NHS Cat 3 ATTP
Performance Plan Type	Team Member/Tech Prof
Shiftworker	No
Classification (Range)	PT5 .1 - PT5 .4
Pay Scale Type	ASPT
Reports to Position	Mgr ETCS Engineering - Major Projects

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

Provide expert engineering services and lead project-based teams to deliver quality, commercially focused systems engineering solutions across the Queensland Rail business.

Position Responsibilities

1. Lead and develop engineering professionals in project-based teams to ensure delivery of effective and commercially valuable systems engineering solutions across Queensland Rail.
2. Provide expert systems engineering services to complete projects against specified Key Performance Indicators (KPI), taking into account scope, quality and safety considerations and allocated budgets and timeframe to deliver valuable commercial outcome.
3. Maximise commercial outcomes for Queensland Rail by coaching and supporting teams to effectively manage stakeholder relations and to communicate (verbal and written) with positive impact.
4. Lead and coach individuals and teams in delivering commercial advantage and outcomes through business improvements, technology development and innovation.
5. Ensure each project team demonstrates professional integrity and good business approach to systems engineering products delivered to meet operational requirements and deliver valuable commercial outcomes.
6. Certify, as a professional engineer, systems engineering works and monitor and manage compliance of the team with the requirements of professional practice and/or the Quality Management System to provide consistent output of systems engineering services, ensure compliance with safety, operational and environmental legislation, regulations and practices.

Position Description



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 skill in leading and developing a team of professional engineers and technical officers.
2. High level of skill in the delivery of business focused technical/professional systems engineering solutions that deliver commercial value in at least one area of systems engineering practice: design, analysis and evaluation, asset management, infrastructure maintenance, construction and supervision, inspection/assessment/auditing, commissioning and research and development.
3. High level of skills in coaching individuals and teams in maximising commercial outcomes through relationship management and communication (verbal and written).
4. High level of skills in coaching and leading multi-disciplinary project teams to deliver sustainable commercial outcomes within a complex regulatory environment.
5. High level of skill in delivering commercial advantage and outcomes through business improvements, technology development and innovation.
6. High level of skill in meeting statutory, regulatory and policy obligations, particularly in relation to satisfy the safety, environment, contract processes and human resource requirements in a commercially focused business.
7. Knowledge of and willingness to commit to and work within Queensland Rail's Values and Behaviours.

Pre-employment Checks:

Not Applicable

Pre-employment Qualifications:

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

40010530 G_Bach Eng (Electrical/Electronic)

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.