

# Position Description



Position Title	<b>Principal Project Engineer</b>
Position No	00078552
Delegation Level	006
Job Designation	Engineer
Organisational Unit	Integration External Interface
Work Centre	Brisbane
Position Type	Temporary
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	Lead Others
Shiftworker	No
Classification (Range)	PT5 .1 - PT5 .4
Pay Scale Type	ASPT
Reports to Position	Delivery Manager Network Transition

## **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**

To provide interface, coordination and integrated planning of work activities and Rail corridor access with contractors and Queensland Rail's corridor planning team for the delivery of the Cross River Rail project.

## **Position Responsibilities**

1. Partner with Queensland Rail stakeholders and delivery partners to coordinate and apply established staging frameworks, providing engineering input into the development and implementation of staging plans that maximise Scheduled Corridor Access System (SCAS) utilisation and minimise disruption to train operations.
2. Coordinate interfaces between external partners, contractors, delivery authorities and Queensland Rail's engineering and discipline leads to enable integrated delivery and connection of new and modified assets into the operational network.
3. Review integrated construction methodologies in Consultation with project team and construction units to plan resources, estimate costs ensuring alignment with configuration state schedules and constraints.
4. Conduct and implement risk management and value engineering activities throughout the project life cycle, conducting consultations with Queensland Rail's engineering and Network Services Construction disciplines, external contractors and other stakeholders in relation to the project/program of works.
5. Participate in the development and implementation of construction safety management systems, monitor and manage site activities in accordance to QLD Rail's SEMS requirements.
6. Maintain close liaison with on-site operations, maintenance providers and network operations to ensure program objectives and infrastructure standards and operational constraints are addressed



- in planning and execution.
7. Undertake advance inspections and negotiations for staging works to arrange and advise on scopes of work, interface management strategies and integration strategies required to achieve configuration state transitions.
  8. Ensure industry Best Practice in the management of internal and external industry partners, including safety and Environment legislative requirements are achieved, and ensure quality expectations are met.

### **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. Extensive knowledge of rail infrastructure construction and maintenance standards, operations and practices and their inter-relativity with rail operations.
2. High level of management skills within a multi-disciplinary infrastructure project environment.
3. High written and oral communication, negotiation, motivational and interpersonal skills.
4. High level of skill in estimating, planning, organising and programming of railway infrastructure construction projects.
5. High level of skills in planning, monitoring and forecasting project and operational budgets.
6. High level of skill in software applications applicable to forward planning and project management of infrastructure construction projects.
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?:**

20100195 Bach Eng - Civil

### **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.