

# Position Description



Position Title	<b>Technical and Design Manager (QTMP)</b>
Position No	00087367
Delegation Level	005
Job Designation	Manager
Organisational Unit	Queensland Train Manufacturing Program SEQ Integration
Work Centre	Brisbane Centra
Position Type	Temporary
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	Tech Professional Expert
Shiftworker	No
Classification (Range)	AS7 .1 - AS7 .4
Pay Scale Type	ASPT
Reports to Position	Systems Integration Manager

## 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 technical consultation, direction, systems design services, stakeholder interface management and systems assurance for the delivery of the complex Queensland Train Manufacturing Program (QTMP) for the integration of the solutions and associated technology deliverables.

## Position Responsibilities

1. Provide delivery management for the systems design components of the Queensland Rail delivered QTMP works to ensure the inter-disciplinary delivery areas and external contractors/consultants remain accountable for supporting the project deliverables.
2. Identify and analyse business issues and lead the technical design of solutions in accordance with the requirements of QTMP, business customers, ICT Principles Standards and Architecture.
3. Identify and manage key delivery interdependencies and synergies between Queensland Rail's ICT and technology capital delivery program and relevant areas of the QTMP program to inform implementation and planning activities of any impacts.
4. Support the development and management of a diverse program of works and methodologies to enable the successful implementation, integration, modification and operation of the systems required to successfully deliver the QTMP project in a complex rail environment. This includes the rollingstock systems to shore based systems.
5. Develop and maintain relationships with internal and external stakeholders/suppliers using influence to maximise outcomes and provide direction as required to suppliers, service providers and non-functional reports.
6. Demonstrate strategic, innovative and creative consulting solutions in the fields of design, delivery & testing methodologies,



- integration and process improvement.
7. Provide strong systems assurance over the delivery of the solution both internally and externally to ensure compliance with Queensland Rail's governance standards and enterprise architecture.
  8. Provide high quality advice on technical aspects of system development and integration (including requests for changes, deviations from specifications etc).

## **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;
- Maintaining awareness of technology advances;
- Ensuring that skills and competencies are kept relevant;
- Demonstrating "team-player" behaviours through sharing of skill.

## **What is the key selection criteria**

1. Extensive knowledge and experience in contemporary systems analysis, design, assurance, integration implementation and development methodologies with supporting tool sets and their applicability to the efficient and effective development and delivery of information solutions.
2. Extensive knowledge and experience in solution architecture, including IT consulting advice associated with the integration and development of rollingstock systems, and critical business information systems to support operational & maintenance management implementation and operational changes.
3. High level of skills in the end-to-end design, assurance and delivery of business solutions with a specific focus on application components in a distributed environment to meet business requirements consistent with best practice solution delivery framework and architecture standards.
4. High level of negotiation, oral and written communication skills including comprehending, synthesising, translating and articulating complex issues to develop and maintain effective business relationships with key internal and external stakeholders to ensure QTMP program milestones are achieved.
5. High level of skill in influencing and providing direction to technical suppliers, service providers and non-functional reports with an understanding of design and architecture frameworks and tools.
6. Knowledge of and willingness to commit to and work within Queensland Rail's Values and Behaviors.

## **Pre-employment Checks:**

Not Applicable

## **Mandatory Qualifications (If not already held, I will gain these when in position)**

- 40007588 Wunya Induction
- 40001627 Building Emergency Procedures

## **Enterprise Qualifications (If not already held, I will gain these when in position)**

- 40009601 Code of Conduct Refresher
- 40013480 Fraud Awareness Induction

# Position Description



40006537 Rail Safety Awareness

## **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.