

Position Description



Position Title	GIS Senior Analyst
Position No	00022616
Delegation Level	007
Job Designation	Technical Officer
Organisational Unit	Digital Engineering SEQ Assets
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	Team Member/Tech Prof
Shiftworker	No
Classification (Range)	AS6 .1 - AS6 .4
Pay Scale Type	ASPT
Reports to Position	Digital Engineering 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

Participate as an active, key senior member of the Digital Engineering Team in inspiring, motivating, affirming, challenging, implementing and extending the practices, methodologies and processes of GIS in the organisation.

Position Responsibilities

1. Assist the Digital Engineering Manager in the development, implementation, integration and ongoing governance of geo-spatial systems and their respective design philosophies within an integrated framework.
2. Apply a multi-disciplinary approach to the management of spatial asset data utilising effective stakeholder engagement technique
3. Design and prepare high quality graphic presentations and documentation using PC-based applications, including Geographic Information Systems (GIS) and CADD software applications for use appropriate forums and by business request.
4. Coordinate preparation and maintenance of network ownership schematics to ensure legislative compliance as required.
5. Coordinate preparation and maintenance of connection agreement diagrams and nominated network diagrams as required.
6. Develop and document robust processes for the implementation of spatial data to be utilised for business decisions and for the Enterprise Asset Management System (EAMS).
7. Perform GIS tasks to support the business needs of the organisation, ensuring data and system integrity, including the production and maintenance of data to enable spatial recognition for Asset Lifecycle Management.
8. Certify data integrity and currency to ensure ongoing GIS technical support to the GEO.E mapping application.

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9. Maintain spatial databases to Database Management Systems (DBMS) standards.
10. Manage software versioning and license allocation in collaboration with ICT.

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;
- Travel nationally as required;
- Undertake further training as required.

What is the key selection criteria

1. High level of skill in the design and preparation of graphic presentations and technical drawings using PC-based applications including CADD.
2. High level of interpersonal communication, consultation and negotiation skills that builds, influences and sustains productive relationships and partnerships with both internal and external stakeholders.
3. High level of skill in managing current system training capabilities as well as future system enhancements and development to align with the future vision and collectively work to achieve desired results.
4. High knowledge of railway infrastructure technical reference documentation and systems.
5. High level of skill and excelling at building trusting relationships with both team members and wider organisational audience in the provision of both leadership and mentoring initiatives.
6. High knowledge of railway operations and their interaction with the network infrastructure.
7. High level of conceptual, analytical and problem solving skills, including solutions analysis, development and implementation.
8. High level of skill as a team member who thrives in environments requiring ability to effectively prioritise, plan and manage multiple concurrent tasks.
9. High level of planning and organizational skills, along with a high degree of detail orientation and project management methodology & application.
10. Knowledge of and willingness to commit to and work within Queensland Rail's Values and Behaviors.

Pre-employment Checks:

Not Applicable

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.

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Safety Publications

QR Weekly Notice
Annual Safety Plan
C.E.O.'s Safety Statement
C.E.O.'s General Safety Rules
Alcohol and Drugs

Please Note:

Queensland Rail has a random alcohol and other drug testing program.
Testing can occur anywhere, at any time, on any day.