

Position Description



Position Title	LV Systems Engineering Lead - LGCFR
Position No	00085208
Delegation Level	007
Job Designation	Engineer Senior
Organisational Unit	Logan & GC Faster Rail Cross River Rail Program
Work Centre	Brisbane
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)	PT5 .1 - PT5 .4
Pay Scale Type	ASPT
Reports to Position	Senior Manager Program Delivery

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

This role will support successful delivery of the Logan & Gold Coast Faster Rail project using Low Voltage (LV) Electrical systems technologies ensuring effective engineering capability and efficient delivery processes.

Position Responsibilities

1. Acceptance of designs, from internal and external sources, for Networks LV electrical works, assets and lighting requirements in electrified and non-electrified environments.
2. Provide leadership role in the appointment of external consultants and contractors to undertake LV electrical work, distribution, assets, equipment and lighting.
3. Lead, develop and implement an effective capability strategy for LV Systems Engineering.
4. Lead, develop and implement effective, consistent, outcome-focused delivery processes for core engineering delivery activities including design management, discipline integration, design reviews, verification and Safety in Design.
5. Support the development, delivery and maintenance of the LV Systems Strategy for 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 skill in leading a professional, client and business focussed engineering strategy, by providing technical advice, design

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- and verification services, and delivery management.
2. High level of skill in communication, interpersonal and negotiation skills.
 3. High level of skill in the field of rail systems infrastructure, including managing flexibility in response to changes in industry environment.
 4. High level of skill in the application of and ensuring compliance with Legislation, Regulations and Practices in regard to safety, environment, contract processes and employment in a commercially focussed business.
 5. Extensive knowledge of low voltage/high voltage design parameters, legislative requirements and industry practice and of interface criteria for low voltage/high voltage installations in an electrified traction environment.
 6. Sound knowledge of traction distribution and power systems technologies applicable to a large transport and logistics based organisation.
 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?:

40005297 Bach of Eng (Electrical & Electronic)

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

40007588 Wunya Induction
30000908 Safely Access the Rail Corridor (QNRP)
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

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.