



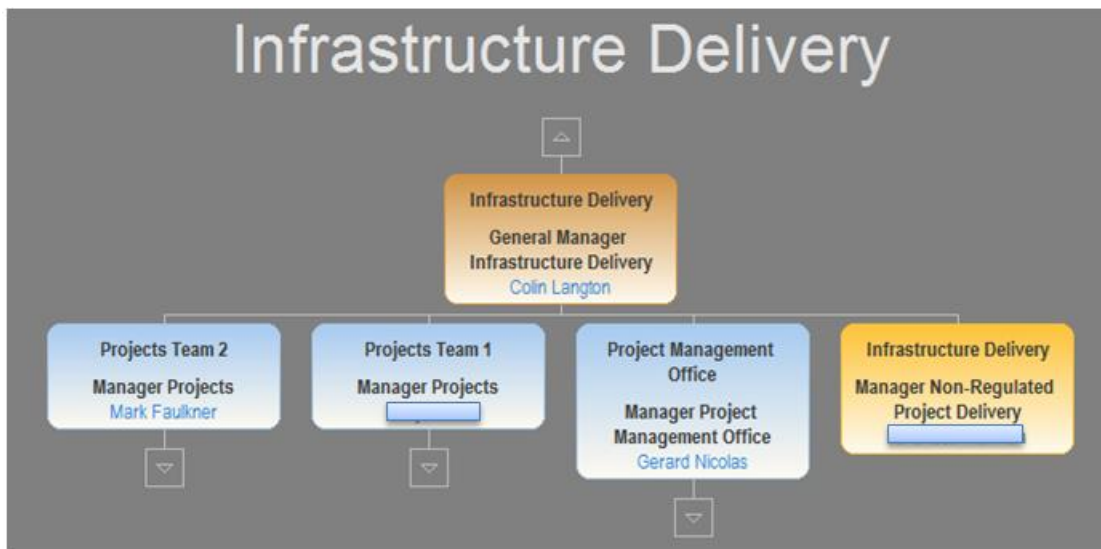
POSITION DESCRIPTION

Title: Project Commissioning Manager
Position Reports To: Team Leader Commissioning
Position Type: Employee
Division: Delivery and Technical Solutions
Team: Infrastructure Delivery

1 POSITION PURPOSE

The purpose of the Project Commissioning Manager position is to provide commissioning expertise for Powerlink projects, planning and managing all testing and commissioning activities across the wider project lifecycle in order to deliver all allocated projects successfully.

2 ORGANISATIONAL CHART



3 ORGANISATIONAL ENVIRONMENT

Powerlink Queensland is the government-owned corporation that owns, operates, develops and maintains the high voltage electricity transmission network across Queensland. Our vision is to be the leading transmission network service provider in Australia, and one of the best in the world. We are already recognised by benchmark authorities as a world leader in cost efficiency and network reliability, and we are committed to safety, responsible environmental management, and open communication on project work. We have a talented workforce of more than 1000 people who are empowered to continue improving our already vibrant workplace culture and environment. We value our people, working safely and delivering high performance outcomes through respectful and cooperative teamwork.

At Powerlink safety is essential and a proactive approach is required considering our people at work, our communities, our contractors and visitors. Safety is what we do, who we are and how we deliver.

The Project Commissioning Manager is a key member of the Projects Team within Infrastructure Delivery (ID), in Powerlink's Delivery and Technical Solutions Division (D&TS). The main role of the ID group is to deliver Powerlink's infrastructure works from definition to network integration and through to 'whole of life' operation.

The Project Commissioning Manager is assigned commissioning responsibilities for individual projects and is part of a number of Project Teams under the leadership of the assigned project manager for each of those projects. Accordingly the Project Commissioning Manager participates as member of the project team and contributes to the success of that team. The Project Commissioning Manager will provide commissioning services to the project team.

4 ACCOUNTABILITIES

Project Commissioning Management

- Manage all testing and commissioning activities for high voltage substations and transmission lines throughout Queensland safely and efficiently, including managing the interfaces with support from Project Managers, Designers, Operations, Field Staff and other Divisions.
- Manage development of Commissioning Staging Plans, integrated in the Project Staging, which supports the Program Plans.
- Develop Commissioning Advice documentation describing the scope of the Commissioning works to be carried out, including a list of all equipment to be tested and commissioned
- Prepare a Commissioning Schedule for allocated projects, to ensure all activities are logically managed.
- Management and validation of all technical specification portions of the testing and pre-commissioning components of contracts for works requiring design, construction and testing services.
- Provide input to Project Manager's Outage Management Plan to ensure the Outages are managed effectively with regard to safety and efficiency.
- Manage and coordinate the on-site project commissioning activities after clearance has been received from the Project Manager.
- Prepare Commissioning Test Plans to ensure complex circuitry and protection logic is fit for its intended purpose prior to energisation.
- Overall management of site pre-commissioning and final commissioning works for each commissioning stage of a project (note: most projects have multiple stages and some may have in excess of 20 stages) including directing and reviewing works by internal and external Maintenance Service Provider personnel to ensure delivery of all planned testing and commissioning services.
- Lead the virtual test and commissioning team during the project, to ensure all activities occur in line with the plan.
- Ensure Testing Providers fulfil all of their contractual obligations for the scope of the Commissioning works.
- Issue Field Commissioning Notices upon completion of each Commissioning Stage notifying the business of systems commissioned.
- Share Commissioning knowledge and experience throughout Business Unit to promote commissioning philosophies
- Identify areas for continual improvement.
- Carry out projects and tasks for the Team Leader Commissioning as required.

Safety and Environment

- Ensure that electrical safety and work health and safety are considered holistically as a core part of overall commissioning
- Comply with Work Health and Safety requirements
- Proactively participate in hazard management activities.
- Be aware of the environmental issues and responsibilities associated with the position.
- Exercise an environmental duty of care by minimising as far as practical the environmental impact of their activities.

5 SELECTION CRITERIA

Qualifications/Certification Essential

- Tertiary qualification in Electrical Engineering (Bachelor of Engineering or equivalent recognised by Engineers Australia).

Or

- Advanced Diploma of Electrical Engineering, or Bachelor of Technology or equivalent, combined with relevant applied industry experience

Previous Work Background/Environment

Essential

- Demonstrated considerable experience working in a high voltage environment, particularly substations, secondary systems (control, metering and protection), telecommunications, and transmission lines performing commissioning, project management, or construction related tasks.
- Demonstrated significant experience in planning and organising detailed engineering projects.
- Demonstrated experience and capability in the effective application of safe systems of work in a Project setting resulting in safe outcomes and / or performance improvement.

Desirable

- Specific transmission testing experience would be an advantage, testing of primary and secondary systems at transmission voltages
- Experience in working with Contracts in a Design, Construct and Test environment
- Design experience would be an advantage in secondary systems and primary systems at transmission voltages.
- Experience in Operational roles in a transmission environment, such as maintenance or network operations

POSITION DESCRIPTION - PROJECT COMMISSIONING MANAGER

Demonstrated Technical Skills

Essential

- Demonstrated experience applying commissioning principles in a high voltage environment
- Proven ability to understand all aspects of substation design at a high level
- Proven ability to understand and apply the engineering concepts of Secondary Systems (comprising Protection, Control, and Circuitry), Telecommunications, Data Networks and Primary Plant Systems in order to effectively undertake commissioning activities on these kinds of plant.

Desirable

- Demonstrated involvement in project management roles
- Secondary systems test experience
- High Voltage test experience
- Demonstrated experience in use of document management and drawing management processes

Demonstrated Behavioural Skills

Safety

Leadership in valuing safety as a core deliverable for the entire project lifecycle

Detail-Minded

Highly organised, completes tasks to a high level of detail accuracy and timeliness. Commissioning requires precise management of multiple disciplines with a wide variety of deliverables.

Problem Solving

Planning and executing Commissioning works requires a demonstrated creative and innovative approach when managing complex, evolving situations and problem solving.

Planning & Organising:

Demonstrated ability to establish goals, set priorities and allocate appropriate time to tasks. Schedule activities, communicate with various team members and brief staff concerned.

People management skills

Strong experience in consultation, communication, negotiation and relationship building skills in a role where the bulk of the work is in a virtual project team (Commissioning is the line reporting team, the project team consists of members from the various functional lines)

Teamwork

Team player, strong team focus required to operate successfully in the virtual project team.

Achievement oriented

Must be self motivated and driven to achieve results and has a demonstrated track record of achieving challenging goals

POSITION DESCRIPTION - PROJECT COMMISSIONING MANAGER

Quality	Demonstrated commitment to producing high quality project results in line with procedures, continuous improvement and customer service
Flexibility	Demonstrated ability to take on a wide range of tasks and be able to manage changing priorities and project parameters as they develop.
Decision Making	Demonstrated ability to makes critical decisions regarding commissioning under pressure

6 SPECIAL REQUIREMENTS

The job requires the incumbent to:

- Work in a HV Substation/Environment
- Work Outdoors for extended periods (uneven ground, UV exposure)
- Perform manual tasks
- Work at a computer workstation
- Travel (domestic, international, vehicle, helicopter)
- Travel and work away from home for short periods
- Work in remote locations
- Drive for extended periods
- "C" class vehicle licence required
- Drive off road 4 wheel drive
- Work alone
- Overtime
- Ability to participate in Emergency Response (including rescue and first aid)
- Wear Personal Protective Equipment
- **These requirements may change from time to time**