



Job Description Form

Our Purpose

To provide safe, customer-focused, integrated and efficient transport services.

Position Title

Principal OLE Engineer

Level

7

Position Number

34895

Division/Directorate

Major Projects

Branch/Section**Health Task Risk Assessment Category**

3

Effective Date

March 2020

Reporting relationships

Superordinate: Executive Director Major Projects, Class 2

Subordinates: No Direct Reports

Key role of this position

The role will provide technical direction and advice on Overhead Line Equipment (OLE) aspects of major infrastructure projects in the Major Projects Division (MP). The role will also participate in the preparation and evaluation of tender documents and will provide reviews and technical support during detailed design and construction of OLE installation.

Core duties and responsibilities

Management and Leadership

- Provides leadership, strategic direction, guidance and technical expertise.
- Develops and maintains effective relationships with internal and external stakeholders to facilitate the development and delivery of projects.
- Develops, guides and mentors project team members and fosters positive team values and a cooperative team spirit.

Technical

- Provides expert technical advice in 25kVac OLE engineering discipline to project teams during planning, procurement, design, construction and delivery phase of projects.
- Prepares concept and reference 25kVac OLE designs for new 25kVac electrified railway projects including modifications to existing OLE and for new railway extensions.
- Reviews 25kVac OLE design proposals/submissions during design and construction phases to ensure compliance with Public Transport Authority project requirements, design principles, codes of practice and guidelines.
- Reviews 25kVac OLE designs to ensure adherence to relevant Australian and International Technical standards, safety standards and industry practices.

- Undertakes work site inspections to ensure compliance with the project requirement and participate in commissioning of 25kVac OLE installations.

Liaison and Customer Service

- Liaises with Traction Power and Overhead Engineers within the Network & Infrastructure Division plus other sections of the Public Transport Authority to ensure effective exchange of information related to project works.
- Liaises with Project Managers and other Stakeholders to plan and monitor construction of OLE network as required.

Training

- Reviews training manuals and asset management plans for OLE equipment before handover to the Network and Infrastructure Division.

Other

- Carries out as required, such tasks and functions that are within the limits of the employee's skills, competence and training.

SELECTION CRITERIA

1. Core Competencies

- Possession of a tertiary qualification in electrical, mechanical, civil or structural engineering with eligibility for Corporate Membership of Engineers Australia.
- Demonstrated competence in 25kVac OLE design and proven knowledge of rail safety.
- Demonstrated extensive experience in managing and leading teams in the planning, design and construction of 25kVac OLE infrastructure to achieve agreed outcomes.
- Demonstrated understanding or skills in contract and project management.

2. Communication and Interpersonal

- Well developed verbal, written and interpersonal communication skill, including the ability to develop rapport with internal and external stakeholders.
- Ability to work efficiently as a key member of a specialised project team.

3. Conceptual, Analytical and Problem Solving

- Well developed conceptual and analytical skills, including the ability to resolve complex technical and operational problems and issues.

4. Organisation

- Well developed organisational skills, including the ability to achieve agreed targets and timelines through use of effective teamwork and delegation.

5. Special Requirements

- Satisfactory completion of required medical examinations to verify physical fitness to perform the duties of the position.
- Possession of a current National Police Clearance certificate, dated three months or less from the date of application for the position.
- Possession of a current Western Australian 'C' or 'C-A' Class Driver's Licence or equivalent. This requirement continues for the duration of employment in this position and from time to time production of the licence on request by the PTA may be required.
- Prepared to work outside normal office hours when required.
- Applicants must meet the special requirements shown below within 3 months of appointment to the position. Cancellation of the appointment will occur where an applicant does not meet the special requirements within the agreed period of time.
 - Supervised Worker (SW) Track Access Permit.
 - OSH Training for Managers

Certification

The details contained in this document are an accurate statement of the duties, responsibilities and other requirements of the position.

Managing Director / Executive Director / General Manager

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Signature

.....
Date

Employee

I have read and accept the responsibilities of the Job Description Form.

The position's duties are to be performed in accordance with the PTA's Code of Conduct and the PTA's Values.

.....
Signature

.....
Date