



Job Description Form

Our Purpose

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

Position Title

Rail Design Engineer

Level

5

Position Number

34923

Division/Directorate

Infrastructure Planning and Land Services

Branch/Section

Rail Engineering

Effective Date

March 2022

Health Task Risk Assessment Category

3

Reporting relationships

Superordinate: Permanent Way Design Manager, Level 7

Subordinates: No Direct Reports

Key role of this position

Contributes to the development of concepts and ideas for major improvements, primarily for the suburban rail system in Perth and for passenger rail systems beyond the metropolitan area, principally in relation to railway permanent way design and planning.

Core duties and responsibilities

- Provides high level technical input in the development of concepts and ideas for major improvements, primarily for the suburban rail system in Perth and for passenger rail systems beyond the metropolitan area as required.
- Prepares permanent way designs including earthworks and drainage.
- Prepares alignment and profile designs for railway routes.
- Reviews and updates permanent way design, standards and codes of practice.
- Develops contract documentation (including procurement planning, tender documentation and evaluation, contract formation) and contract management plans in consultation and negotiates with stakeholders.
- Responsible for the effective management and leadership of project teams which may include managing multiple work groups and fostering positive team values and a cooperative team.
- Develops, monitors and ensures compliance with required regulations, standards, codes, corporate policies and procedures, including Railway Safety Management and standards.
- Prepares scope of work and technical criteria documentation for contract purposes.

Essential Work Related Requirements

1. Job Specific

- Possession of Degree in Civil Engineering that is acceptable for membership of Engineers Australia.
- Relevant engineering experience in a railway environment, including sound experience in permanent way design.
- Sound understanding of permanent way design and experience applying Australian design standards and codes in producing the permanent way designs.
- Relevant project management experience, including the ability to prepare reliable estimates and project schedules, and to scope, plan and implement successful projects.

2. Leadership and Management

- Well developed coaching and mentoring skills and the ability to develop others.

3. Communication and Interpersonal

- Well developed skills in building and maintaining effective relationships with a range of stakeholders (internal and external) including the ability to provide specialist advice at all levels.
- Demonstrated ability in working effectively in a team environment.

4. Conceptual, Analytical and Problem Solving

- Well developed conceptual, analytical and problem solving skills, including a demonstrated ability to focus strategically.

Special Appointment Requirements

- Satisfactory completion of required medical examinations to verify physical fitness to perform the duties of the position.
- Provision of a current National Police Clearance certificate, dated 3 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.
- Applicants must meet the special requirements shown below within an agreed period. Cancellation of the appointment will occur where an applicant does not meet the special requirements within an agreed period of time after appointment.
 - Supervised Worker (SW) Track Access Permit.

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

.....
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

