



## Job Description Form

### Our Purpose

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

### Position Title

Senior Structural Project Engineer

### Level

6

### Position Number

36434

### Division/Directorate

Office of Major Transport Infrastructure Delivery (OMTID)

### Branch/Section

### Effective Date

October 2022

### Health Task Risk Assessment Category

3

### Reporting relationships

Superordinate: Principal Project Director, OMTID, L9

Subordinates: No Direct Reports

### Key role of this position

Technical support and responsibility for the planning, design, development, implementation and review of structural engineering works for projects undertaken by the Office of Major Transport Infrastructure Projects (OMTID). The role is also responsible for providing expert advice in relation to new construction, alterations, and maintenance of railway structural engineering assets in compliance with relevant standards, Codes of Practice and to satisfy the Rail Safety National Law.

### Core duties and responsibilities

#### Technical Leadership

- Provides technical direction/advice for rail infrastructure projects and supports lead Project Engineers.
- Through interaction with Project Teams and other stakeholders, ensures proper integration of structural works with other railway (or busway) infrastructure.
- Provides technical advice to Project Managers/stakeholders as required on all matters pertaining to structural engineering works.
- Manages contracts and consultancies for structural and associated engineering services.
- Keeps ahead with contemporary trends in structural engineering solutions for modern electric passenger, freight railways and busways/bus stations.
- The occupant of this role does not have any direct subordinate reports, however, may have responsibility for coordinating the activities of employees and contract staff on a periodic, or ad-hoc basis. This may include provision of technical advice, strategic direction or responsibility for managing more general project activities.

#### Development and Improvement

- Monitors and reviews work practices within Technical services, promoting innovation and continuous improvements.

#### Other duties

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

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## SELECTION CRITERIA

### 1. Core Competencies

- Possession of a tertiary qualification in Engineering with eligibility for Membership of Engineers Australia
- Substantial experience on projects in regard to the planning, design and construction of infrastructure projects.
- Extensive knowledge of engineering practices and an ability to manage multiple tasks in a high intensity environment.
- Proven experience in design, construction and maintenance of engineering systems in a facilities environment.

### 2. Management and Leadership

- Demonstrated experience in the development and management of contracts and an ability to work with contractors in an environment of public transport infrastructure projects.
- Demonstrated management and leadership skills including resource, people and project management in a team environment.

### 3. Communication and Interpersonal

- Well-developed communication skills (written, verbal and interpersonal) to be able to effectively communicate with technical and non-technical audiences.
- Demonstrated ability to analyse and present complex technical matters and undertake benefits assessment for different systems and relate systems to whole of life cost of railway assets.

### 4. Conceptual, Analytical and Problem Solving

- Demonstrated conceptual and analytical skills, including the ability to develop innovative solutions to complex technical problems and issues.

### 5. Organisation

- Highly developed planning and organisational skills, with the ability to achieve agreed targets and timelines through the use of effective management, teamwork and delegation.

### 6. Special 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.
- Willingness to work unsociable hours when 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
  - Electrical Safety Awareness

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**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**