



Job Description Form

Our Purpose

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

Position Title

Digital Project Engineer

Level

5

Position Number

35735, 36440, 36470
(Nominated)

Division/Directorate

Office of Major Transport Infrastructure Delivery (OMTID)

Branch/Section

All Projects

Effective Date

October 2022

Health Task Risk Assessment Category

3

Reporting relationships

Superordinate: Digital Engineer, Level 7

Subordinates: No Direct Reports

Key role of this position

Provides digital engineering, Building Information Design (BIM) and Computer Aided Design (CAD) support and assistance to the Office of Major Transport Infrastructure Delivery to ensure that the engineering solutions can be designed, built and maintained safely, cost effectively and according to quality objectives.

Core duties and responsibilities

Digital Engineering

- Provides assistance on digital engineering relating to OMTID projects and services. Performs digital engineering inspections and reports on works.
- Assists in the preparation of digital engineering specifications, drawings and tender documents for low to medium risk civil and structural projects.
- Ensures projects comply with digital engineering processes, procedures, and standards.
- Reviews and comments on supplier BIM execution plans.

Project and Contract Management

- Assists in the management of digital engineering drawings, contracts including the development of documents and specifications, evaluation of BIM and CAD plans and contracts.
- Liaises with stakeholders, both internal and external, on the delivery of BIM models and CAD files, including providing feedback and recommendations to the Project Managers.
- Undertakes research and prepares digital engineering reports and advice as required.
- Attends meetings, prepares correspondence to support the Project Managers.

Other

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

SELECTION CRITERIA

1. Core Competencies

- Possession of Degree or Diploma in Engineering or appropriate related discipline with recognition by or membership of the respective professional body.
- Proven experience on projects in regard to the digital engineering, BIM and CAD of infrastructure projects.
- Good knowledge of digital engineering practices and an ability to manage multiple tasks in a high intensity environment.
- Proven experience in digital engineering, BIM and CAD in a public transport project environment.

2. Management and Leadership

- Demonstrated experience in the development and management of digital engineering and an ability to work with contractors in an environment of public transport infrastructure project.

3. Communication and Interpersonal

- Well developed verbal, written and interpersonal communication skills, and a demonstrated ability to negotiate required outcomes and/or resolve conflicts.

4. Conceptual, Analytical and Problem Solving

- Demonstrated conceptual and analytical skills, including the ability to provide innovative solutions to solving problems.

5. 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 Drivers 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 unsociable hours.
- 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

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

