

JOB ROLE STATEMENT

INTELLIGENT TRANSPORT SYSTEMS OPERATIONS MANAGER LEVEL 7

DIRECTORATE NETWORK OPERATIONS
BRANCH ITS BEST PRACTICE AND OPERATIONS **POSITION NO** P0063139

KEY RESPONSIBILITIES

Manage the technical operations, upgrades, expansion and performance of all Intelligent Transport Systems (ITS) and technologies supporting the Network Operations Directorate business functions.

KEY DELIVERIES

ITS Operations Management

- Develop, implement and continuously improve systems operations processes for all ITS systems and technologies supporting the Network Operations business functions
- Manage optimal system configuration, incident and defect management in consideration of operational risks and impacts.
- Manage all defect resolution and system upgrades through development, test and production environments based on risk assessment.
- Manage end-to-end data integrity, high-level of availability and accuracy across ITS systems and technologies.
- Manage testing and integration activities using best practice in systems engineering for business continuity and efficient transition into operations

Intelligent Transport Systems expertise

- Provide expert technical support to ITS projects as required including ITS research, design, construction, testing and commissioning activities, in areas of electrical, electronics, Information Technology, software, interfaces, communications, and civil components.
- Contribute to the development and maintenance of standards and guidelines relating to ITS and network operations.

Project and Contract Management

- Provide expert advice for the preparation of technical briefs, projects scopes and contract specifications.
- Manage the evaluation of tenders and contract award.
- Manage the delivery of complex system implementation, upgrades or replacement with focus on business continuity, user engagement, and sound systems engineering testing and integration processes.
- Manage project time, scope, quality, budget, risks, changes and records in accordance with applicable practices.
- Manage multiple internal resources, external contractors, consultants and service providers on multiple projects or contracts.

Leadership and Management

- Participate in the formulation of the Branch and Directorate Business Plans as required.
- Participate in the positioning of the ITS Best Practice and Operations Branch as Main Roads' Centre of Expertise for ITS.
- Research best practice ITS and technology solutions, and demonstrate technology potential to operational stakeholders.
- Facilitate the definition and capture of operational and functional requirements in collaboration with all operational areas in the Network Operations Directorate.
- Manage financial, technological, physical and other resources within agreed allocations to meet agreed outcomes.
- Manage employee behaviour, performance and development.

Stakeholder Relationships

- Collaborate with internal and external stakeholders, including Information Technology Branch, Asset and Geospatial Information Branch, solutions providers / contractors, and various projects and programs delivering ITS roadside assets.
- Manage communications and maintain effective working relationships with stakeholders and contractors.
- Collaborate with State, National and international transport authorities on best practice ITS operations.

OCCUPATIONAL SAFETY, HEALTH AND WELLBEING (OSH&W)

Responsible for active participation and performance to OSH&W standards as detailed by the Main Roads' Safety, Health and Wellbeing (SH&W) Management System - refer to "SH&W Responsibility and Accountability Procedure" on 'iRoads' intranet.

LOCATION

Main Roads is a regionalised organisation with key delivery centres operating from the Kimberley to the Great Southern regions, including the metropolitan area. The incumbent of this position may be required to undertake a role in a region for a period of time.

DYNAMIC RESOURCING

The incumbent of the position may be required to perform any other role within the incumbent's level of skill, competence and responsibility as directed by the Managing Director of Main Roads to meet the organisation's objectives and the incumbent's development.

REPORTING RELATIONSHIPS

This position reports to:

(A) TITLE AND LEVEL

POSITION NO

INTELLIGENT TRANSPORT SYSTEMS OPERATIONS MANAGER LEVEL 7

POSITIONS UNDER DIRECT SUPERVISION

ALL POSITIONS UNDER CONTROL

List the position numbers, titles and levels of positions directly supervised

State number of positions only

TITLE and LEVEL	POSITION No	CATEGORY	NUMBER
ITS Systems Management Co-ordinator	Level 6	Salaried, Wages	1
ITS Integration and Performance Co-ordinator	Level 6		1
Traffic Systems Engineer	SC Level 2		2
TOTAL			4

SELECTION CRITERIA

ESSENTIAL:

Comprehensive skill, knowledge and experience in:

- systems operations management
- ITS design, delivery, integration, testing, and commissioning
- project and contract management relating to delivery and operations of complex end-to-end technology solutions
- building and enhancing stakeholder relationships
- managing financial, physical and other resources within agreed allocations to meet agreed outcomes
- managing employee behaviour, performance and development

Knowledge of:

- national and international developments and best practice in traffic control infrastructure
- policies and practices on Occupational Safety and Health, and on EEO, diversity and equity

Possession of a current Western Australian 'C' Class (car) motor vehicle drivers licence or an approved equivalent.

DESIRABLE:

A Degree in Electrical or Electronic or Computer Systems or Software Engineering.

CERTIFICATION

1. The details contained in this Job Role Statement have been reviewed and conform to Main Roads guidelines.

SIGNATURE DATE
BRANCH/SECTION HEAD

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

SIGNATURE DATE
EXECUTIVE DIRECTOR

3. The details contained in this document have been reviewed and conform to Main Roads guidelines.

SIGNATURE DATE
MANAGER HR BUSINESS