

ORGANIZATIONAL CONTEXT

Job Title	Snr ITS Engineer
Job Code	Senior Engineer
Grade	3
Affairs	Assets Affairs
Department	Roads O&M
Section	Maintenance
Team	Intelligent Traffic System team
Date last updated	25 March 2014

JOB CONTENT

Role Objective

1. Provide supervision to the ITS Engineers within a design team to ensure compliance with all relevant technical standards and the delivery of all the specified project outcomes on time, within budget and to the quality required

Job Roles & Responsibilities

1. Supervise the ITS Engineers and other junior ITS team members
2. Ensure implementation of the project requirements to fully meet the client specification in accordance with relevant standards
3. Perform required activities associated with projects (investigation, analysis and design) in line with project requirements to ensure effective programme delivery.
4. Prepare/check design approach, calculations, drawings and documents as part of the current process to ensure contractors deal with a quality service and project specifications.
5. Understand detailed plans, specifications and estimates for roadway Intelligent Traffic System construction projects.
6. Ensure the preparation and registration of all relevant documentation and design reports and ensuring that all documentation is accurate and received within the system held by Ashghal.
7. Work in collaboration with other disciplines to ensure the integrity of the overall design of the project.
8. Ensure resolution of technical issues, such as substandard products, on projects and providing technical guidance to other team members
9. Maintain on-going communication with relevant stakeholders and sub-contractors to build relationships and communication networks ensuring quality of service.
10. Carry out site visits and survey inspections and supervise sub-contractors

BEHAVIORAL SKILLS, KNOWLEDGE AND EXPERIENCE

(Knowledge and experience needed for the satisfactory performance of the job)

Educational & Experience:

Qualifications

Essential

- Engineering Degree, PE or IEng
- Chartered Engineer

Desirable

- Project Management Qualification (PMP, PRINCE 2 or equivalent)

Technical Knowledge

- Computer literate with Microsoft and relevant engineering software packages
- Knowledge of principles, practices, and methods of transportation systems planning, engineering, operations, maintenance and management
- Experience working with professional design engineers and Computer Aided Design (CAD) operators to produce detailed plans, specifications and estimates for roadway ITS construction projects.
- Ability to manage, operate and maintain the traffic signal computer system;

The Individual

- 10-15 years' experience in a similar role
- Excellent communication skills
- Strong organisational, project and programme management skills
- Ability to supervisor others and manage the development of a team
- Experience of working in an operation with quality and health and safety systems
- Ability to identify and implement solutions to problems