

Department of State Growth

Statement of Duties

Position Title:	Intelligent Transport Systems (ITS) Technical Officer
Position number:	005152
Award/Agreement:	Tasmanian State Service Award
Classification level:	General Stream Band 5
Division/branch/section:	State Roads / Network Management / Traffic Operations
Supervisor:	Team Leader - Intelligent Transport Systems (ITS)
Location:	South
Employment status:	Flexible

Position Objective

Responsible for the provision of Intelligent Transport Systems (ITS) project support, development, configuration, commissioning, testing, fault analysis, systems operations and maintenance.

Major Duties

- Configuration, maintenance and optimisation of intelligent transport computer applications including: Operations Management and Control Systems (STREAMS), Sydney Co-ordinated Adaptive Traffic System (SCATS), AddInsight Travel Time System and Closed Circuit Television (CCTV) Video Management System (Genetec).
- Identify, analyse and rectify faults with ITS devices, communication networks (fibre optic, wireless and copper), CCTV and monitoring applications.
- Research, scope, develop and prepare documentation for ITS projects and provide technical expert advice to stakeholders.
- Prepare reports, review and update technical records, including specifications, electrical / electronic drawings, network topologies and Information and Communication Technology (ICT) data.
- Provide coordination and supervision of functions, staff and contractors in relation to complex ITS matters.
- Develop and maintain ITS asset information, monitor performance of existing assets and identify aging assets for replacement.
- Configure, test and commission ITS devices, networks and systems autonomously and collaboratively with Department Staff and Contractors.
- Provide technical support to Traffic Operations and Traffic Signal Maintenance staff.
- Maintain a high standard of work quality, service delivery and compliance with regulations, codes and specifications.

Scope of Work: (Responsibility, Decision-Making and Direction Received)

The occupant of the position will exercise considerable specialist technical knowledge and is responsible for the delivery, operations and documentation of ITS equipment and systems.

This position is expected to operate with limited direction and supervision from the Team Leader - Intelligent Transport Systems (ITS).

Selection Criteria (Knowledge and Skills):

The Department of State Growth insists on a collaborative and consultative approach, especially involving integrity, respect and openness in dealing with others and believes teamwork, effective communication and professionalism are essential in achieving higher quality outcomes.

1. Demonstrated technical knowledge, skills and experience in configuration, installation, diagnosis, repair, testing, commissioning and maintaining control software, ITS devices, Information Technology (IT) equipment, serial communications (RS232, 422 & 485) and Internet Protocol (IP) networks (utilising fibre optic, wireless and copper cable systems and installations) in an industrial context.
2. Practical experience or the ability to demonstrate the capacity to operate, configure and optimise computer based traffic systems (STREAMS, SCATS, AddInsight Travel Time System and CCTV Video Management System).
3. Proven ability to determine priorities, organise and coordinate activities for technical projects to successfully achieve objectives and deliverables safely.
4. Practical experience with electrical and electronic industrial devices, systems and components, including capacity to understand circuit electronic / electrical / communication diagrams and technical specifications. Ability to keep and maintain accurate technical records.
5. High level written and oral communications skills, including the ability to liaise with others, produce and present credible communications, solve problems, identify solutions and formulate technical recommendations.
6. Proficient in Microsoft's Office 365 applications.

Position Requirements

Pre-employment

- *Nil*

Essential

Evidence of the following must be provided prior to appointment to this role:

- *Nil*

Desirable

- Advanced / Diploma in Electrical Engineering
- Electrical, electronic, communications or IT qualification (Full or restricted electrical licence)
- 5 years' experience related to ITS or similar technical industries
- Current Drivers Licence

Working at State Growth

The Department of State Growth works to grow our economy and provide opportunities for all Tasmanians. We provide support and strategy advice in relation to key economic drivers including energy, industry sectors, resources, regulation and infrastructure. We support the delivery of a range of public services and have a strong focus on investment attraction and the development of innovative strategies that drive state growth.

The [Department's website \(http://www.stategrowth.tas.gov.au/\)](http://www.stategrowth.tas.gov.au/) provides more information.

State Growth aims to attract, recruit and retain people who will uphold our values and are committed to building a strong values based culture. Our values and behaviours reflect what we consider to be important, that is

Our people who are at the heart of the organisation; *our decisions* which are based on sound principles; and *our clients* who are at the centre of what we do.

We have the **Courage to Make a Difference** through:

- **Teamwork** – our teams are diverse, caring and productive
- **Respect** – we are fair, trusting and appreciative
- **Excellence** – we take pride in our work and encourage new ideas to deliver public value
- **Integrity** – we are ethical and accountable in all we do

We value diversity and promote an inclusive workplace, recognising individuals for their unique characteristics, background, experiences, knowledge, skills, values and perspectives.

We are committed to high standards of performance relating to Workplace Health and Safety and all employees are expected to participate in maintaining safe working conditions and practices.

All employees are responsible for ensuring that the standards of behaviour and conduct specified in the State Service Principles and Code of Conduct are adhered to (*State Service Act 2000*). These can be located at [State Service Management Office \(www.dpac.tas.gov.au/divisions/ssmo\)](http://www.dpac.tas.gov.au/divisions/ssmo)
