

TASMANIAN PORTS CORPORATION PTY LTD

POSITION DESCRIPTION

POSITION TITLE:	Infrastructure Engineer
REPORTS TO:	Technical Services Manager
DIVISION:	Terminals and Landside
LOCATION:	Devonport
CONDITIONS:	Common Law Contract - Permanent full-time

PURPOSE OF THE POSITION

To provide technical support to the Infrastructure Planning and Asset Management team through technical assessment of existing infrastructure and operations, and the development of design solutions and concepts including the preparation of documentation, strategies and programs for capital and maintenance projects.

KEY DUTIES

- Provision of design and engineering advice to the Infrastructure team and TasPorts divisions during infrastructure planning, design, construction and operation phases to facilitate provision of fit for purpose port infrastructure
- Investigation and analysis of operating and infrastructure problems and opportunities, and development and reporting of findings, solutions and recommendations
- Preparation of concepts, preliminary and detailed designs for capital and maintenance works and project proposals
- Assessment of existing and proposed operations and the capacity of infrastructure to support these operations
- Apply effective practices and principles for design that consider safety throughout the life of infrastructure and assure quality in line with Australian industry standards and best practice
- Preparation of design information, data, plans and maintaining up-to-date design and drawing records of TasPorts assets
- Knowledge management and maintaining and archiving of records
- Contribute to the continuous improvement of technical services and systems
- Review designs and documentation to ensure TasPorts objectives, including safety requirements are met
- Preparation and review of cost estimates for engineering works
- Review of project finalisation documents and assists in project closure
- Perform other duties as required in accordance with qualifications and competence.

LEVEL OF RESPONSIBILITY / ACCOUNTABILITY

The Infrastructure Engineer is required to work independently and with minimal supervision. The incumbent is expected to use sound judgement to solve problems and meet work priorities in line with the objectives of the Division.

TasPorts Health, Safety and Environment Responsibility and Authority

Refer to Section 4.7 of the TasPorts HSE Responsibility and Authority Procedure

Supervisory Responsibility

Direct Reports: Nil
Indirect Reports: Nil

KNOWLEDGE, SKILLS AND EXPERIENCE (SELECTION CRITERIA)

1. Proven technical skills and experience in the design, construction and maintenance of port infrastructure including maritime, building, road, pavement and service infrastructure
2. Proven skills, experience & competence in using relevant technical software packages including AutoCAD, computer based design systems, asset management systems and Geographic Information Systems
3. Proven procurement, contract management and administrative skills and experience
4. Highly developed interpersonal and communication skills and an ability to work in a team environment with a broad range of internal and external stakeholders
5. Well-developed ability to write and present high quality technical reports and formal correspondence
6. Proven ability to develop concepts, analyse and resolve complex problems and issues as they arise

QUALIFICATIONS

Essential:

- Appropriate qualification (Degree/Diploma) in civil engineering, or other relevant infrastructure discipline
- Current driver's license
- Eligible to obtain and hold a Maritime Security Identification Card (MSIC)

Desirable

- Corporate member of the Institution of Engineers of Australia and Registered Engineer (NPER).
- A degree qualified engineer with proven extensive experience together with qualifications and experience in planning, asset maintenance or similar.