

POSITION TITLE: Senior Design Engineer **POSITION NO:** 2687
EMPLOYMENT TYPE: Contract
CLASSIFICATION: Contract
DEPARTMENT: Infrastructure
BRANCH: Technical Services & Waste
REPORTS TO: Principal Engineer Design

ORGANISATIONAL VALUES: Honesty Respect Accountability Integrity Unity

1. PRIMARY ROLE

To undertake Professional Engineering Services (RPEQ) for infrastructure design projects and provide supervision of design staff and projects where required.

2. KEY RESPONSIBILITIES

Key duties and responsibilities may include, but are not limited to:

1. Coordinate and deliver engineering surveys and designs using civil design packages (AUTOCAD, 12D, Drains) in accordance with relevant standards, local laws, policies.
2. Project manage consultants where required to meet program deliverables.
3. Liaise with Infrastructure asset owners on the engineering requirements for projects and strategic planning of Council infrastructure.
4. Complete investigations, option studies, concept designs, details designs and technical specifications to required engineering standards, Council policies and guidelines, in compliance with legislation and within required timeframes and allocated budgets.
5. Provide investigation, engineering and design recommendations after giving due consideration to customer requirements, whole of life costs, construction constraints, political landscape, safety heritage and social environment impacts across the asset lifecycle.
6. Provide professional engineering supervision and advice to employees to achieve the objectives of the team in the timeframe provided.
7. Effectively and proactively communicate with key stakeholders and customers to ensure detailed understanding of their requirements and seek input at key milestones.
8. Ensure all data and information is presented and stored in an appropriate manner to allow efficient recall and accurate and valid interpretation.
9. Assist the development of annual design and investigation works programs and prepare annual budgets.
10. Prepare reports and correspondence as required and disseminate in a timely manner to key stakeholders.
11. Complete additional activities and reasonable directions given by management.

3. ACADEMIC, TRADE QUALIFICATIONS AND OTHER LICENCES - MANDATORY

- Tertiary qualifications in relevant field (e.g., Bachelor of Civil Engineering)
- Minimum requirement of a current C Class driver's licence.
- General Safety Induction for Construction Worker Certification (White Card).
- Bachelor of Engineering or equivalent

- Registered Professional Engineers of Queensland (RPEQ) accreditation or ability to obtain.

4. KEY SELECTION CRITERIA

- Demonstrated knowledge of legislation and recognised engineering publications, technical guidelines, standards and specifications pertaining to civil engineering and asset management.
- Demonstrated experience in preparing civil engineering designs, including road construction, drainage and water mains, utilising industry relevant guidelines.
- Demonstrated ability to provide leadership in an environment of change, to maximise team performance and achieve project objectives within timeframes provided.
- Experience in the application of civil design packages (e.g. AutoCad, 12D, Drains) and the development of programmes utilising project management principles.
- High level of oral and written communication skills, with demonstrated ability to communicate effectively with a range of customers and stakeholders.

WORKPLACE HEALTH AND SAFETY

The employee will comply with their health and safety duties as detailed in the *Work Health and Safety Act 2011* and Council's Workplace Health and Safety Management System Plan. Employees will also comply with: -

- Their health and safety duties as stated in Councils procedure titled Work Health and Safety Duties and Responsibilities.
- Instructions given by the manager and/or supervisor in respect of the health and safety of themselves and other persons.

CUSTOMER SERVICE

The employee will provide excellent customer service to internal and external customers.

FRAUD, CORRUPTION AND RISK MANAGEMENT

- Report any risks identified (including fraud and corruption) in the performance of duties and responsibilities related to routine day to day activities and special projects.
- Participate and contribute to the conduct of a documented risk assessment that includes fraud and corruption prevention, evaluation, analysis and mitigation of Council's risk exposure.

INTELLECTUAL PROPERTY

Security of Council information viewed or accessed during the performance of duties is contained in the provisions of the Employee Code of Conduct. Subsequently, employees are required to ensure the security and appropriate intended use of Council information at all times.

AUTHORISATION	
General Manager Infrastructure: Aaron Meehan	Signature: 