

Position Title:	Project Designer
Position Number:	30008
Team:	Project Delivery
Division:	Infrastructure Services
Reporting To:	Principal Design Solutions
Direct Reports:	Nil
Industrial Instruments:	Queensland Local Government Industry (Stream A) Award - State 2017 & Cassowary Coast Regional Council Certified Agreement 2023
Level:	5

THE ROLE

The Project Designer will work collaboratively with Asset Engineering and the Project Delivery Team to efficiently use contemporary civil engineering design technology and techniques to develop fit-for-purpose designs that facilitate ongoing and improved service delivery to the community.

As a valued member of the Project Delivery team the Project Designer will use their knowledge and skills to produce designs which are readily constructible, are cost effective and fit-for-purpose.

KEY OUTCOMES

The Project Designer will contribute to the overall success of the following key outcomes for Council:

- Designs shall be produced efficiently, utilising the appropriate level of technology and leveraged on Council's proven design & construction knowledge and techniques
- Designs shall be developed with a view to constructability, construction risk mitigation and long- term asset sustainability at their core
- Council's design team and supporting consultants shall be aware of and shall implement the appropriate safety and quality standards for design works
- Council's design team is skilled and proficient in the use of contemporary civil design software

KEY ACCOUNTABILITIES

The Project Designer is responsible and accountable for:

- Preparing detailed designs, drawings, calculations, schedules, estimates and specifications for the construction of Councils major road works, stormwater drainage, water supply and sewerage reticulation and other municipal engineering works in accordance relevant standards and legislation in a timely and effective manner
- Ensuring that Council's design software is updated regularly and operating to its full potential and that any technical issues are resolved quickly to ensure the continuing efficiency of the design team
- The management and updating of Council's drafting standards and CAD protocols
- The day-to-day mentoring, technical guidance and 'on the job' training of junior staff on assigned projects or tasks

- Providing technical expertise pertaining to Civil Design and Civil Design Software and tools. Liaise with and provide support for consultants engaged on Council engineering projects when required
- Carrying out field inspections associated with the preparation of engineering plans and document all relevant information
- Providing advice and guidance to Council staff and Contractors (through the appropriate Council channels) in relation to engineering matters
- Preparing design briefs for projects when consultants are to be engaged for survey, design, geotechnical work etc.
- Undertake any other duties, projects or tasks as directed by the Principal Design Solutions which generally fall within the scope of this position and within incumbent's skills and competence

BEHAVIOURAL COMPETENCIES

- Complies with Code of Conduct for Council Employees
- Commitment to Council's Organisational Values and practices in day to day activities
- Models professional and ethical behaviour
- Actively works to understand customers and stakeholders
- Engages customers in a friendly and appropriate manner
- Self-directed (i.e. can decide on a course of action to achieve objectives, without needing step-by- step instruction)
- Works flexibly without supervision (i.e. effectively manages new and unexpected events, and demonstrates judgement about when to escalate issues)
- Provides advice that is rigorously considered and supported by a clear rationale
- Demonstrates strong skills in their specialist and/or functional area
- Readily shares their knowledge and experience
- Demonstrates self-initiative in setting priorities and organising tasks to consistently meet deadlines.
- Seeks continuous improvement and commits to personal development
- Considers wider organisational objectives when making decisions and going about their work
- Exercise responsibility for Work, Health and Safety, Environment Protection, Equal Employment Opportunity (EEO), Anti-discrimination, Recordkeeping and Risk and Privacy obligations

SELECTION CRITERIA

Essential:

- Minimum of an associate degree in Civil Engineering or other relevant field. Consideration will be given to applicants who don't hold a formal qualification but have demonstrated extensive civil design experience
- Proficiency in the preparation of engineering design plans and the integration of other elements of the built environment computer aided design methods including Civil 3D with Civil Site Design, AutoCAD and 12d model software or equivalent
- Ability to accurately measure quantities for the preparation of cost estimates as well as interpret client needs through written documentation (design briefs) and verbal communication
- Ability to read survey plans and interpret survey field data
- Demonstrated ability to problem solve technical engineering issues and develop effective, practical and value for money solutions
- Effective communication and ability to establish and maintain a good rapport with various stakeholders (i.e. Councillors, Council employees, community members, businesses and other levels of Government)

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- Ability to demonstrate behavioural competences
 - Queensland 'C' Class driver's licence

Desirable:

- A minimum of 5 years of demonstrated practical experience in the planning and design of civil infrastructure
- Demonstrated design office experience with a Local Government or State Road Authority.
- Registered Professional Engineer Queensland