Cresco Australia Pty Limited
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Position Description

Senior Civil Engineer / Civil Engineer

Cresco Australia
Location: Wagga Wagga, NSW or remote
Reports to: Head of Civil Engineering
Role Type: Full-time

About Cresco Australia

Cresco Australia is a growing multidisciplinary engineering and project delivery consultancy supporting residential, commercial, and industrial developments across NSW and wider Australia. We pride ourselves on technical excellence, collaborative delivery, and providing high-value outcomes for clients and project partners. As we continue to expand, we are seeking a highly capable and technically driven Civil Engineer to play a key leadership role in our civil engineering discipline.

The Opportunity

We are looking for an experienced Civil Engineer or Senior Civil Engineer who will lead a highly skilled team of civil engineering designers and drafters within Cresco Australia. This role is ideal for someone who thrives in a hands-on technical environment, enjoys mentoring and leading a capable team, and wants to influence the direction, quality, and delivery of a diverse range of civil projects.

You will take ownership of engineering design quality, technical methodologies, and project engineering deliverables across the business. This includes developing scopes, validating and performing complex calculations, reviewing designs, ensuring compliance with relevant Australian Standards and authority requirements, and contributing to the technical capability development of the broader team.

Key Responsibilities

Technical Leadership

- Provide primary civil engineering input across all civil design projects within Cresco.
- Lead, mentor, and support a team of civil designers and drafters to achieve high technical standards.
- Oversee and review all civil engineering deliverables, ensuring accuracy, quality, and regulatory compliance.

Design & Engineering

- Undertake and validate complex civil engineering calculations across:
    - Hydrology and hydraulics
    - Water, sewer, and stormwater networks
    - Earthworks, geotechnical considerations, and soil behaviour
    - Road and intersection geometric design
    - Pavement and drainage design
    - Lot grading, subdivision design, and general land development engineering
- Prepare and review detailed design documentation, modelling outputs, technical memos, and engineering reports.

Project Oversight & Delivery

- Develop scopes of work, methodologies, and design strategies for civil engineering projects.
- Ensure consistency and technical integrity across multi-stage or multi-disciplinary projects.
- Coordinate with clients, councils, authorities, and other consultants as required.
- Contribute to project planning, resourcing, and risk management to support successful project delivery.

Standards & Compliance

- Ensure all work complies with relevant Australian Standards, local government requirements, service authority guidelines, and industry best practice.
- Continually improve internal design processes, QA frameworks, and technical governance.

About You

Essential

- Bachelor's degree in Civil Engineering (or equivalent accredited qualification).
- 5+ years of relevant civil design/engineering experience (8–10+ years for Senior level).
- Strong technical capability across hydrology, hydraulics, earthworks, geometric road design, and general civil engineering principles.
- Extensive experience with relevant Australian Standards, Austroads Guides, RMS/Transport for NSW specifications, and authority requirements.
- Proficiency in civil engineering software (e.g., 12d, Civil 3D, MUSIC, HEC-RAS, DRAINS, QGIS/GIS tools, or equivalent).

- Demonstrated ability to lead designers/drafters and work collaboratively in a fast-paced consultancy environment.
- Strong communication skills and the ability to engage confidently with clients and stakeholders.

Desirable

- Engineers Australia recognition, or the ability to obtain through CPD
- Experience in subdivision and land development projects.
- Prior experience providing engineering governance or acting as the technical lead in a consultancy setting.

Why Join Cresco Australia?

- Influence and shape the civil engineering function of a growing consultancy.
- Strong pipeline of subdivision, industrial, and development-focused civil projects.
- Supportive leadership that values technical excellence and innovation.
- Opportunities for career progression into technical management, discipline leadership, or project delivery leadership.
- Collaborative culture with the freedom to drive improvements and contribute to Cresco's strategic direction.

To apply, please email:

A full history of work experience, qualifications and a detailed cover letter addressing the role requirements to info@cresco-group.com.au