

# Snr Civil Project Engineer - Water and Wastewater

Chandler Macleod • Ultimo NSW 2007



Base pay

\$145,000 - \$165,000



Work type

Full Time



Contract type

Permanent

## Job details



Date posted

**02 Jun 2021**



Expired On

**02 Jul 2021**



Category

**Engineering**



Occupation

**Water & Waste**



Base pay

**\$145,000 - \$165,000**



Contract type

**Permanent**



Work type

**Full Time**



Job mode

**Standard/Business hours**



Industry

**HUMAN RESOURCE**



Sector

**PRIVATE BUSINESS**



Work Authorisation

**AUSTRALIAN CITIZEN /  
PERMANENT RESIDENT**

## Perks

TRAINING

## Skills

PROJECT MANAGEMENT

CIVIL ENGINEERING DEGREE

EMERGENCY RESPONSE

ENGINEERING SUPPORT

ENVIRONMENTAL ISSUES

FABRICATION

FEASIBILITY

MACHINE SAFETY

OPERATIONS MANAGER

PMP

PRICING

PROJECT ENGINEER

PROJECT PLANNING

QUALITY CONTROL

SANITATION

SCHEDULE+

SURVEYING

TRADING

WASTEWATER

WATER FLOW

CONCRETING

## Full job description

Position title: Snr Civil Project Engineer - Water and Wastewater

Contract Estimation Duration: Permanent

Company Type / Size: Tier 1 - National Commercial Company

Location: Manly - NSW

Salary / Rate: \$140K - \$165K + Super (DOE - Neg)

Purpose of this position:

Provide engineering support and project schedule management duties as delegated by the Project Manager and Lead

General Requirements:

- Prepare and monitor project management plans including hazard and aspect identification and risk management.
- Develops project objectives by reviewing project proposals and plans and conferring with management.
- Analyse survey reports, maps, drawings, blueprints, aerial photography and other topographical or geologic data to plan projects.
- Compute load and grade requirements, water flow rates, and material stress factors to determine design specifications.
- Inspect project sites to monitor progress and ensure conformance to design specifications and safety or sanitation based on Sydney Water standards.
- Direct or participate in surveying to lay out installations and establish reference points, grades, and elevations to guide construction.
- Estimate quantities and cost of materials, equipment, or labour to determine project feasibility.
- Liaise between stakeholders and clients to manage concerns on current and future projects.
- Stop, reject and prevent access to non-complying or unsafe plant, equipment, materials, methods and work areas.
- Raise Report Actions for non-conforming works, safety or environmental issues.
- Implement the Client's IMS procedures and systems as applicable to the project.
- Identify risks and develop safe work procedures in consultation with the Site Supervisor and site
- personnel.
- Review and control all fabrication and construction activities to minimise the risk to all personnel in the workplace.
- Carry out project planning and resource requirements for all project activities for the implementation of management plans and safe work

procedures.

- Lead by example and stimulate a high level of safety awareness at all times.
- Always insist on correct and safe work practices.
- Report any accidents and incidents immediately to the Project Manager.
- Prepare, publish, and disseminate Project WHS Management Plans and procedures.
- Review safety reports carry out inspections and prepare action plans.
- Assist the Foreman and Site Supervisor in conducting accident/incident investigations and implementing corrective and preventive actions.
- Participate in safety meetings and programs.
- Coordinate project specific WHS training, inductions and communication.
- Develop and implement emergency response procedures for projects in consultation with the Site Supervisor.
- Regularly report on safety performance to the Contract/Operations Manager and the HSEQ Manager.
- Maintain all project-related safety records.
- Conduct project inductions.
- Developing and implementing emergency procedures.
- Identifying safety training needs for workers.
- Review Subcontractor Safe Work Method Statements prior to them commencing on the Project.
- Ensuring all tasks are executed with zero harm to people, plant and the environment.
- Executing designated work activities in a diligent and efficient manner to meet project milestones and goals.
- Ensuring inspection and quality control of all project deliverables is in accordance with the requirements of this PMP.
- Reporting quality, safety or environmental issues to the Supervisor immediately.

Technical Scope:

- Engagement of Subcontractors and suppliers for Earthworks and Concrete FRP works, building works + others as required, (prepare tender doc, review tenders, negotiations, recommend and award)
- Management of subcontractors to delivery civil works for the project including:
  - Drainage works
  - Services relocation
  - Bulk earthworks for 2 digesters (concrete tanks 20m diameter 19m high)
  - Concrete works for digesters
  - Building works for mechanical equipment
  - Structural steelwork for platforms and stairs and RDT platform
  - Footing installation for Cogen unit, RDT platform and other miscellaneous footings for pipe racks Pavement and road restorations
- Management of subcontractor to deliver two major concrete tanks

(digesters)

- Develop and review construction methodologies with team and subcontractors.
- Organise and manage the supply of concrete, reinforcement and other embedded items.
- Responsible for managing the budget for the civil works and providing monthly forecast and cashflow.
- Planning works to be delivered in line with the schedule and coordination with the operating treatment plant.
- Responsible for developing and maintaining quality records for the civil work.
- Safety management and leadership
- Management of a team of engineers and supervisor to deliver the above scope.

Education:

- Civil Engineering qualifications/ Recognised Civil Engineering Degree
- High level of attention to detail when interpreting and pricing tenders from te