



Job Profile

Project Engineer

Group: Infrastructure Delivery

Job Summary

To be completed by People and Culture team			
Job Family	Portfolio and Project Management	Career Stage	E
Job Function	Technical Project/Program Management	Career Stream	Professional
Coverage EA = Enterprise Agreement ICE = Individual Contract of Employment	ICE	Last Modified Date	1/11/2023
To be completed by Manager ~ (Team Size relates to People Leadership)			
Work Environment	Hybrid	Team Size	
People Leader	No	Indirect Team Size	

Who we are.

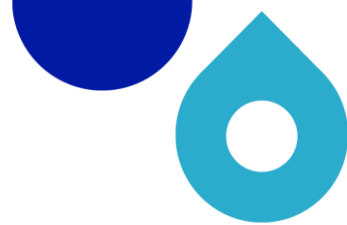
At Sydney Water, we exist for our customers. We're more than 3,500 people working together, striving to do more and be better—better for the environment, our customers, our people, and our water. Our people are passionate about working together, and driving agility, accountability, innovation, sustainability, and exceptional customer experiences.

Sydney Water is the main provider of water, wastewater, recycled water, and stormwater services in Greater Sydney. Our employees are dedicated to our customers, ensuring services are reliable and affordable, we are proactive and easy to engage with, forward-thinking, and environmentally focused.

Working with us means helping to provide essential services, safeguarding Sydney's future with a sustainable water supply, and protecting our iconic waterways. Our strategy guides our journey to enhance customer outcomes and continue delivering robust services to our city into the future.

Job Purpose

Provide engineering support to the Project Manager in the delivery of construction activities. This includes resolution of technical issues, monitoring of quality, oversight of hold points and facilitation of handover and commissioning relating to a contract package of works within a project.



Job Specific	• Daily carriage of site activities and the related standards and specifications, applied accordingly. • Contribute to the development and achievement of applicable project schedule milestones and key deliverables. • Work with site Safety Leads to ensure construction activities are safely conducted. • Minimise disruption, delay and inconvenience for customers and other affected public services, adjacent businesses, stakeholders and the community through engagement with Community Liaison. • Monitor and report on construction quality and ensure the contracted scope of work is being delivered by the delivery partner. • Complete timely updates in databases and reporting systems to ensure information on completed work and performance measures is accurate and consistent with Sydney Water policies, procedures and expectations. • Assist the Project Manager in the coordination of the scope and budget for projects and/ or programs. • Coordinate technical advice from an engineering and constructability point of view, to assist in the evaluation of tendered submissions with reference to the project completion date and budget. • Work with the Project Manager to analyse risks associated with the delivery of construction activities, ensuring project performance monitoring and reporting. • Assist the Project Manager in the evaluation of contract claims, including compensation events, variations and proposed variations and disputes, using site dairies. • Manage all handover and commissioning and operational acceptance activities for assets. • Manage commissioning and acceptance requirements on their projects. • Ensure commissioning risks are identified, and the proposed management process is adequate. • Review and acceptance of project specific commissioning documents including Commissioning Plans, ITPs, ITCs, Training and Operation Manuals, Work Instructions/SOPs, UPGs and other deliverables in accordance with Sydney Water specifications and requirements. • Confirm final acceptance of factory tests and inspection results of the equipment and systems prior to delivery.
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Role Requirements

Education / Qualifications

Required	- Engineering degree in a relevant discipline or equivalent/ related qualifications
Desired	Tertiary qualifications in Project Management

Certifications / Licences

Required	Valid driver's licence (Workplace locations may be remote from available Public Transport systems)
Desired	

Experience

Required	- Previous engineering experience in construction, engineering firm, operations focused (building or maintaining assets or large-scale maintenance), maintenance delivery environments (large scale maintenance) – exposure to construction of assets. - Demonstrated experience in managing the construction activities of medium to large risk/complexity infrastructure projects. - Demonstrated experience in managing project commissioning and acceptance. - Demonstrated experience in project handover, including collation and verification of all project deliverables. - Demonstrated experience in managing defect identification and resolution. - Demonstrated experience in project closeout. - Developed skills in all facets of engineering construction. - Intermediate negotiation skills - Effective oral and written communication skills including proven ability in preparation of written reports, procedures, project communication plans, recommendations, and proposals. - Developed skills in interpretation and project objectives, schedules, risk management plans and cost management. - Ability to problem solve engineering issues. - Intermediate skills in the facilitation of meetings and workshops to ensure effective outcomes. - Intermediate skills in the management and understanding of contractual, legal, commercial and legislative requirements. - MS Office suite capabilities
Desired	



Capabilities and Skills

The capability and skill requirements for this role are identified in the skills profile listed below. This is comprised of Enterprise Capabilities, that are essential for all roles and functional skills, which are specific to each role.

Enterprise Capabilities (C-E)			
Capability	Descriptor		
Accountability	Ensures that own actions and those of others are focused on achieving goals and owning the outcome, in a safe, inclusive collaborative way.		
Agility	Adapts readily to change and encourages alternative views by using a range of interpersonal communication skills. Develops and coach's others while being aware of impact on others.		
Innovation	Develops innovative outcomes to solve problems in ways that are not immediately evident and encourages new ideas and thinking in others.		
Functional Skills			
Skill	Priority	Essential or Desirable	Proficiency level
Project Coordination	1	Essential	Developing
Troubleshooting (Problem Solving)	2	Essential	Developing
Engineering Design Process	3	Essential	Developing
Stakeholder Management	4	Essential	Developing
Project Risk Management	5	Essential	Developing
Business Writing	6	Desirable	Developing
Interpersonal Communications	7	Desirable	Developing
Influencing Skills	8	Desirable	Developing
Proficiency Level Descriptors			
Developing - Building practical experience, needs continued coaching.			
Intermediate - Independent execution, minimal guidance.			
Advanced - Fully independent execution, coaches' others.			
Mastery - Strategic, sought as expert internally and externally.			

Sydney Water takes the safe provision of its services to the public and the protection of its information assets extremely seriously. As a Sydney Water employee, you are required to understand your obligations under the [Acceptable Use of Information Technology Policy](#) and how Sydney Water's Information Technology is to be used. You must also help keep your workplace secure by ensuring you do not enable non-authorised people access to sites, maintain the integrity of locked entries and exits, and where appropriate, alarms being engaged.

Sydney Water requires all users to embrace and adhere to all enterprise and protective security policies, awareness programs and frameworks for Sydney Water assets.