

Position Description

Senior Engineer - Electrical Assets

Division	City Services
Business Unit	City Infrastructure and Traffic Operations
Grade/Band	Band 6
Date position description approved	August 2022

Council overview

At the City of Sydney our people are our most important asset and central to achieving our exciting and ambitious Sustainable Sydney 2030-2050 Continuing the Vision – developing a green, global and connected city. The City of Sydney works to build socially sustainable communities that support a more inclusive Sydney – a city that is also more connected, liveable and engaged.

From our high-quality facilities to local services and initiatives, we are dedicated to delivering the best city environment for business, work, living and recreation.

Council values

Our people are custodians of public trust and confidence. In recognising this, we are committed to building a high performing culture built on the values of collaboration, courage, integrity, innovation, quality and respect. These six-core values guide everything we do at the City.

Primary purpose of the position

This position ensures that the design, implementation and management of public domain lighting schemes, and associated electrical and lighting infrastructure is consistent with the City's standards, the 2050 vision and sustainable renewal objectives.

Key accountabilities

- Technical lead in the management of the City's electrical and lighting network asset base through the provision of technical expertise and the development and implementation of electrical and lighting standards, policies and strategies to ensure best practice in the delivery of public domain lighting services to the community.
- Under the guidance of the Principal Engineer, manages the City's lighting and electrical assets, including condition assessment, scoping of projects, preparing maintenance and renewal programs and ensuring assets are constructed and handed over in accordance with the City's requirements and recorded in the City's assets and GIS systems.
- Investigate public domain electrical and lighting issues and prepare technical reports with recommendations on appropriate actions.

- Develop programs for submission, for expanding the City's electrical and lighting asset network in line with the needs of the community and the relevant City, standards, policies and objectives.
- Assess development proposals, including Development Applications, internal projects and proposals by external agencies, and provide advice to ensure that the design of all public domain lighting and electrical infrastructure that is proposed to be owned by the City, complies with City's and all relevant Australian Standards, policies and objectives.
- Provide professional advice to internal and external customers, and to the position supervisor, in a manner that is timely, accurate, complete and demonstrates good judgment.
- Oversee and coordinate service delivery using internal and external resources including the procurement of service providers and management of contracts in accordance with the City's procurement and contract management framework.
- Actively identify and apply sustainable work practices and pursue opportunities to improve the environmental impacts of assets and services.

Key challenges

- Providing timely and accurate advice within a high-volume environment.
- Applying advanced technical expertise to inform decisions and manage risks relating to the management of an extensive and complex asset portfolio.
- Establishing and maintaining effective partnerships with multiple stakeholders.

Key relationships

Who	Why
Internal	
Principal Engineer Electrical and Furniture Assets	<ul style="list-style-type: none"> • Receive instruction and advice and report on progress towards business objectives and discuss future directions • Provide expert advice and contribute to decision making • Identify emerging issues/risks and their implications and propose solutions
Teams	<ul style="list-style-type: none"> • Guide, support, coach and mentor team members • Lead discussions and decisions regarding key projects and deliverables • Collaborate with team members
Internal Stakeholders	<ul style="list-style-type: none"> • Provide expert advice on a range of project related issues and strategies • Optimise engagement to achieve defined outcomes • Manage expectations and resolve issues
External	
External Stakeholders	<ul style="list-style-type: none"> • Engage, consult, provide advice and negotiate the development, delivery and evaluation of projects • Manage expectations and resolve issues • Investigate and respond to issues raised regarding electrical and lighting in the public domain.
Vendors/Service Providers and Consultants	<ul style="list-style-type: none"> • Communicate needs, facilitate routine business transactions and resolve issues

Who	Why
	<ul style="list-style-type: none"> • Manage contracts and monitor the provision of service to ensure compliance with contract and service agreements

Key dimensions

Decision making

- Comply with the Work Health and Safety Act and associated legislation in the performance of all duties.
- Accountable for technical decisions regarding project objectives, the day to day work program for themselves and contractors, and for the provision of advice to team members and relevant stakeholders on policies, standards, programs and activities.
- Undertake research relating to programs and for developing and recommending electrical and lighting assets, strategies, policies and maintenance procedures, updating data bases, liaising with external authorities and recommending works programs.

Reports to

Principal Engineer – Electrical and Furniture Assets

Essential knowledge, skills & experience

- University Degree in Electrical Engineering or a related field.
- Demonstrated experience in implementing public domain lighting principles, reviewing and approving lighting and electrical designs produced by external consultants, and electrical inspection and testing procedures. Significant experience in applying technical knowledge in the provision of advice and in solving problems in relation to issues regarding public domain electrical and lighting assets.
- Demonstrated experience in preparing design briefs and managing contracts with consultants and service providers.
- Demonstrated Project Management Skills including development of works programs within a Public Domain Asset Management environment.
- Demonstrated experience in asset management, including the development of works programs.
- Class C Driver's Licence.

Capabilities for the position

The City's capability framework outlines the capabilities everyone needs to work well in their role. They are expressed as behaviours that show expected knowledge, skills and our values. There are capabilities for **employees** and managers which provide clarity, common language and consistency.

Focus capabilities

The capabilities in bold are the focus capabilities for this position. The focus capabilities are those judged to be most important at the time of recruiting to the position. That is, the ones that must be met at least at a satisfactory level for a candidate to be suitable for appointment.

Capability Group	Capability Name	Level
Personal attributes	Act with Integrity and Courage	Intermediate
	Demonstrate Accountability	Adept
	Manage Self	Adept
	Display Resilience and Adaptability	Adept
Relationships	Work Collaboratively	Adept
	Communicate and Engage Respectfully	Intermediate
	Community and Customer Focus	Adept
	Influence and Negotiate	Intermediate
Results	Deliver Quality Results	Intermediate
	Create and Innovate	Intermediate
	Plan and Prioritise	Intermediate
	Think and Solve Problems	Advanced
Resources	Finance	Adept
	Technology and Information	Adept
	Assets and Tools	Advanced
	Procurement and Contracts	Adept

**This profile is subject to an organisation-wide review of capability profiles. The final profile may vary slightly.*