

POSITION DESCRIPTION

Position Title:	Design Engineer
Business Unit/Department:	Engineering Services
Division:	Health Support Services
Award/Agreement:	Administrators and Managers
Classification:	HS5
Reports To:	Chief Engineer
Direct Reports:	Nil
Date Prepared/Updated:	11 April 2025

Position Purpose
<p>The Design Engineer is a key position within Western Health, Health Support Services, providing technical input and support in relation to infrastructure & engineering services project proposals and delivery. A key member of the Engineering Services Leadership Team, this role will provide advice, input, and endorsement for infrastructure & engineering services project outputs at all stages of the project lifecycle.</p> <p>The role is a pivotal conduit between Engineering Services, Health Support Services Project Team, Capital Development, and VHBA, ensuring alignment with strategic vision and contributing to Western Health's sustainable growth and Net Zero Emissions target delivery.</p> <p>The Design Engineer will interface strongly with all levels of business, collaborating closely with the Clinical leads to ensure infrastructure & engineering system projects are delivered fit for the clinical and operational purposes they serve.</p> <p>This full-time role will see you working Monday – Friday, across all Western Health Campuses with Sunshine Hospital as the primary office.</p> <p>Due to the nature of the Department and the role, out of hours work may be required.</p>
Business Unit Overview
<p>The Engineering Services Directorate at Western Health is committed to ensuring that all buildings, grounds, services, plant, equipment, machinery, furniture and fittings perform efficiently, are maintained and serviced in such a manner that they provide a safe and pleasant environment for patients, staff and visitors to the hospital.</p>
Key Responsibilities
<p>Solution Inception:</p> <ul style="list-style-type: none"> •

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- Partner with Strategic Engineering colleagues to review problem statements in developing investment cases and advise on solution options to achieve the infrastructure & engineering system objectives.
- Provides effective leadership and support on assigned infrastructure & engineering system projects and ensure the solutions delivered are fit for purpose and align with Western Health strategies. This includes providing background information on infrastructure and plant, providing advice on how proposed scope of works integrates with existing infrastructure and mitigate any risks of future plant failure or serviceability.
- Support the annual Capital Asset Management Plan (CAMP), and any other external or internal Infrastructure funding requests as directed by Director Engineering Services and/or Divisional Director.
- Utilise data to make informed design decisions with respect to the performance, risk, reliability, and strategic alignment of the WH infrastructure & engineering systems.

Projects:

- The Design Engineer will be the Strategic Engineering representative on all significant infrastructure and engineering system projects and will liaise closely with the Capital Development and Health Support Services Project Teams, as well as the Facilities Team for significant corrective and optimisation works.
- Sit on Tender Evaluation Panels for Engineering Services Contracts as required.
- Provide technical advice, solutions and strategies to the Operations Manager and Facility Managers, to maintain Health Services assets over their effective life cycle.
- Raise any emerging risks to WH health care and FM operations as noted during Capital development and design processes, and flag them to the Director Operations for immediate action where required.
- Report to the Director Operations and the Divisional Director, any high-risk infrastructure issues and work in conjunction with the Operations Manager Engineering on the development of required remedial action.
- Oversees and reviews reports, drawings, master-plans and strategic plans, and provides detailed comments and risk feedback to the Project Design teams.
- Ensure solution designs actively contribute to achieving Net Zero Emissions target by 2045 in alignment with Victorian Government.
- Provide specialist technical advice to internal and external stakeholders on design proposals, design changes, and test protocols for validating effectiveness of the solution design.

General:

- Provide advice, input, materials, and proposed programs of improvement and change management to the Director Operations Engineering Services, where gaps are identified that can be improved.
- Stay informed of industry best practice, emerging technologies and legislative requirements related to infrastructure & engineering system design.
- Develop and contribute to policies, guidelines, standards, and procedures relating to infrastructure & engineering system design as required.
- Partner closely with the Strategic Engineering colleagues, to capture lessons learnt, standards, knowledge, and materials that will be of lasting benefit to embed in Western Health systems – and by partnering, deliver these outcomes in the best possible way.
- Ensure relationships with colleagues, patients and consumers are professional and ethical and that cultural differences are respected.
- Support and contribute to quality and continuous improvement activities.
- All emails proposals, business cases, MFD/MFI papers etc are prepared in professional manner, clearly articulating background, options, risk and recommendations and are presented in line with agreed timeframes.
- Provide timely, expert advice.

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<p>In addition to the key responsibilities specific to your role, you are required to deliver on the Key Organisational Accountabilities which are aligned with the Western Health strategic aims.</p>
<p>Key Working Relationships</p>
<p>Internal:</p> <ul style="list-style-type: none"> • Divisional Director, Health Support Services • Director Engineering Services • Divisional Director Capital Development • Capital Project Managers • Chief Biomedical Engineer, Chief Engineer • Engineering Services Team • Chief Sustainability Officer • HSS Directors and Operations Managers • WH DTS • WH Finance <p>External:</p> <ul style="list-style-type: none"> • State Government Departments and Agencies • Consultants and Suppliers • Contractors and Engineering/Maintenance Providers • Service Providers and Retailers
<p>Selection Criteria</p>
<p>Essential</p> <ul style="list-style-type: none"> • Tertiary qualification in engineering. • Proficient in the use of Microsoft Office applications and understanding of databases. • Willing to travel to work at various Western Health sites and possesses a current Victorian driver's licence. • Proficiency in providing expert technical advice to drive sustainable asset management best practice across large capital and engineering projects • Ability to carry out data analysis and result interpretation from large, combined datasets to enable informed decision making. • Excellent written and verbal communication skills <p>Desirable</p> <ul style="list-style-type: none"> • Experience with service delivery across a multiple campus health organisation • Tertiary qualifications at Bachelor level for Engineering or Graduate level in Business or Healthcare stream. • Experience in leading needs analysis, value mapping, and problem validation activities.
<p>Additional Requirements</p>
<p>All employees are required to:</p> <ul style="list-style-type: none"> • Obtain a police / criminal history check prior to employment • Obtain a working with children check prior to employment (if requested) • Obtain an Immunisation Health Clearance prior to employment

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- Report to management any criminal charges or convictions you receive during the course of your employment
- Comply with relevant Western Health clinical and administrative policies and guidelines.
- Comply with and accept responsibility for ensuring the implementation of health and safety policies and procedures
- Fully co-operate with Western Health in any action it considers necessary to maintain a working environment, which is safe, and without risk to health
- Protect confidential information from unauthorised disclosure and not use, disclose or copy confidential information except for the purpose of and to the extent necessary to perform your employment duties at Western Health
- Safeguard children and young people in our care, by ensuring that your interactions are positive and safe, and report any suspicions or concerns of abuse by any person internal or external to Western Health
- Be aware of and comply with relevant legislation: Public Administration Act 2004, Victorian Charter of Human Rights and Responsibilities Act 2006, the Victorian Occupational Health and Safety Act 2004, the Victorian Occupational Health and Safety Regulations 2017 (OHS Regulations 2017), Fair Work Act 2009 (as amended), the Privacy Act 1988 and responsibilities under s141 Health Services Act with regard to the sharing of health information
- Be aware of and comply with the Code of Conduct for Victorian Public Sector Employees and other Western Health employment guidelines

General Information

- Redeployment to other services or sites within Western Health may be required
- Employment terms and conditions are provided according to relevant award/agreement
- Western Health is an equal opportunity employer and is committed to providing for its employees a work environment which is free of harassment or discrimination. The organisation promotes diversity and awareness in the workplace
- This position description is intended to describe the general nature and level of work that is to be performed by the person appointed to the role. It is not intended to be an exhaustive list of all responsibilities, duties and skills required. Western Health reserves the right to modify position descriptions as required. Employees will be consulted when this occurs
- Western Health is a smoke free environment

I confirm I have read the Position Description, understand its content and agree to work in accordance with the requirements of the position.

Employee's Name: [Click here to enter the Employee's name.](#)

Employee's Signature: _____ Date: [Click here to enter a date.](#)

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