

SENIOR PROJECT ENGINEER (DESIGN)

Position Level: L6

Location: Perth or Pilbara

Effective Date: April 2026

Responsibilities

The Senior Project Engineer (Design) is responsible for coordinating the planning, development and design of the Lumsden Point project. The Senior Project Engineer (Design) also works closely with Project Managers to support the delivery and execution of the works. This role will also work with the Infrastructure Planning team to scope and plan minor infrastructure projects for delivery.

Reporting

The Senior Project Engineer (Design) reports to the Project Director – Lumsden.

Accountabilities

Result Area	Major Activities
1. Safety and People:	<ul style="list-style-type: none"> • Further a safe, inclusive, and collaborative workplace, that supports the mental health and wellbeing of self, and others. • Identify actions and changes that lead to Pilbara Ports continually improving its safe work environment; both physically and psychologically.
2. Integrated Management Systems:	<ul style="list-style-type: none"> • Develop and oversee the systems that ensure Pilbara Ports complies with all applicable codes, as well as its legal and statutory requirements. • Comply with and demonstrate a positive commitment to organisational processes and ISO Management Systems including Quality, Environment, Safety and Information Security.
3. Project Development, Planning and Design:	<ul style="list-style-type: none"> • Initiate, scope and plan projects in accordance with Pilbara Ports' Project Management Framework. • Manage project stakeholders to ensure project requirements and risks are identified, defined, documented and satisfactorily addressed during project planning and design. • Ensure that all necessary reviews, verifications and validations are planned, conducted, and the outcomes of these are incorporated into the design. • Ensure the design conforms to all safety, environmental, construction, commissioning, and operating requirements. • Prepare tender documentation for projects. • Support the procurement, delivery and execution of projects, including evaluating tenders and coordinating responses to technical queries. • Ensure Safety in Design is appropriately considered during design phases. • Scope, plan and prepare Project Business Plans for approval to enable delivery of minor infrastructure projects.

4. Consultant Management:	<ul style="list-style-type: none"> • Manage multiple consultants to deliver high quality design documentation for various packages of work. • Identify, define and manage interfaces between multiple consultants across work packages. • Develop, implement and refine systems to manage basis of design, issues and actions. • Administer agreements with consultants and suppliers. • Conduct design reviews to evaluate design deliverables, identify potential issues and provide feedback
5. Leadership:	<ul style="list-style-type: none"> • Provide direction and support to project stakeholders to drive progress and completion of projects. • Initiate and contribute to organisational improvement and innovation. • Provide leadership and guidance to other members of the Lumsden project team, as required.
6. Other Duties:	<ul style="list-style-type: none"> • Other ad-hoc duties as directed by the Project Director Lumsden. • Work with the Infrastructure Planning and Portfolio Manager on minor infrastructure projects planning. • Ability to work outside of normal business hours may be required to meet operational requirements from time to time.

Selection Criteria

Qualifications:

- Civil/Structural, Mechanical, Electrical or other relevant engineering degree from a recognised tertiary institution.
- Qualifications and experience considered suitable for membership of Engineers Australia or equivalent (refer Washington Accord).

Personal Attributes:

- Exhibit behaviours that align with Pilbara Ports' values of Safety, Excellence, Teamwork, Integrity, and Care.
- Demonstrated commitment to an inclusive work culture that encourages diversity.
- Solutions focused individual who likes to be challenged by complex problems.
- A collaborative leadership style that engages others and encourages groups to work together to achieve outcomes.
- Enjoys working in a dynamic environment where priorities and deadlines may change.

Work Related Requirements:

- Proven success in the design and planning of major engineering projects within a heavy industrial setting.
- Proficient in the use of Autodesk applications, including AutoCAD and Navisworks, for the review of design documentation.
- Strong verbal, written and interpersonal communication skills including the ability to liaise effectively with and influence a diverse range of project stakeholders and produce project reports to a high standard.
- Knowledge of infrastructure issues associated with the resources industry in the northwest of Western Australia would be advantageous.

Sound computing skills, as well as the ability to gain a Maritime Security Identification Card, and WA Driver's License are prerequisites for positions with Pilbara Ports.