

Engineering supply, design and consultancy for Papua New Guinea

Certified materials, sound design and honest engineering advice, delivered in country.

TALISMAN PACIFIC ENGINEERING LIMITED · PORT MORESBY, PAPUA NEW GUINEA

32

people in the delivery team, from directors to drafters

7

RPEQ registered principal and senior engineers

9

engineering and advisory disciplines under one structure

35+

partner civil and resources projects delivered, 2024 to 2026

01 · WHO WE ARE

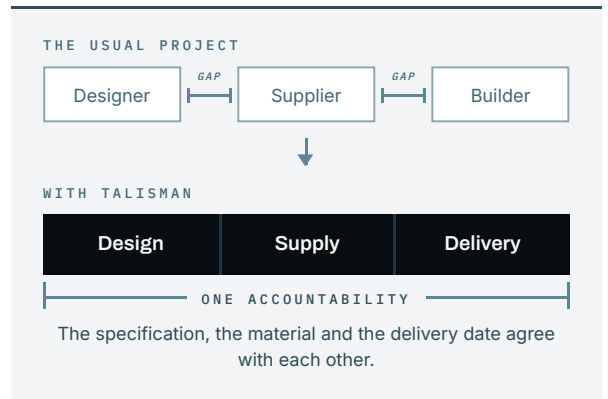
Built for how projects get delivered here

Talisman Pacific Engineering Limited is a Papua New Guinea registered supply, consultancy and design business based in Port Moresby, serving projects nationally.

Most projects in PNG lose time in the gaps between the designer, the supplier and the builder. We hold all three under one accountability.

PNG REGISTERED · TIN 501461004

Investment Promotion Authority and Internal Revenue Commission.



02 · WHAT WE DO

Four services, one point of accountability

 S/01 SUPPLY Certified materials to site Approved suppliers. Certification and traceability from order to delivery.	 S/02 CONSULTANCY Engineering advice you can build on Feasibility studies, owner's engineering, due diligence, design review, estimating and certification.	 S/03 DESIGN Designed to international and industry standards Civil, structural, geotechnical, hydraulic, mechanical and environmental. Concept to issued for construction.	 S/04 PROJECT EXECUTION Managed and delivered end to end Planning, procurement, contractor management, site supervision, quality assurance and handover.
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03 · WHY TALISMAN

What you get from working with us

-  **Engineered for PNG**
Sections, coating systems and delivery routes chosen to hold up in PNG conditions.
-  **Certified and traceable**
Mill certificates and test reports travel with every consignment.
-  **One accountable firm**
Design, supply and advice from one firm. No finger pointing.
-  **International assurance**
Chartered professional engineers with international experience stand behind the design work.

04 • ENGINEERING SERVICE CAPABILITIES

The project work we deliver

Quality assurance and quality control at every step, from inception through design and construction, to the standards each project calls for.

 C / 01 Civil and earthworks ■ Pavements, pads and haul roads ■ Road and intersection design ■ Bulk and detail earthworks ■ Culverts and drainage ■ Temporary works	 C / 02 Water and hydraulics ■ Dams and levees ■ Flood and hydraulic modelling ■ Pipelines and pumping ■ Site water and wastewater ■ Creek diversions	 C / 03 Structural and geotechnical ■ Steel and concrete design ■ Foundations and retaining walls ■ Ground improvement ■ Slope stability	 C / 04 Mine and industrial facilities ■ Industrial area layouts ■ Workshops, wash bays, offices ■ ROM pads and transfer stations ■ Bulk material handling	 C / 05 Environmental and rehabilitation ■ Sediment and erosion control ■ Landform and rehabilitation ■ Contaminated land and water ■ Environmental management
 C / 06 Project and construction management ■ Feasibility studies ■ Project controls and estimating ■ QA and site surveillance ■ Safety in Design and risk	 C / 07 Power generation and energy storage ■ Gas turbine generation ■ Battery energy storage ■ Solar, wind and hybrids ■ Pumped hydro, biomass, hydrogen ■ Remote and off-grid power ■ Data centre power	 C / 08 Networks, transmission and grid connection ■ Network connections ■ Transmission ■ Renewable energy zones ■ Generator integration ■ Switchyards and powerlines	 C / 09 Owner's engineering and advisory ■ Owner's engineering ■ Due diligence ■ Design management ■ Value engineering ■ Procurement and contracts ■ Investment support	 C / 10 Emissions, approvals and documentation ■ Scope 1 and 2 emissions reduction ■ Safeguard Mechanism advisory ■ Approvals and compliance ■ Strategic documents and bids

DESIGNED AND CERTIFIED

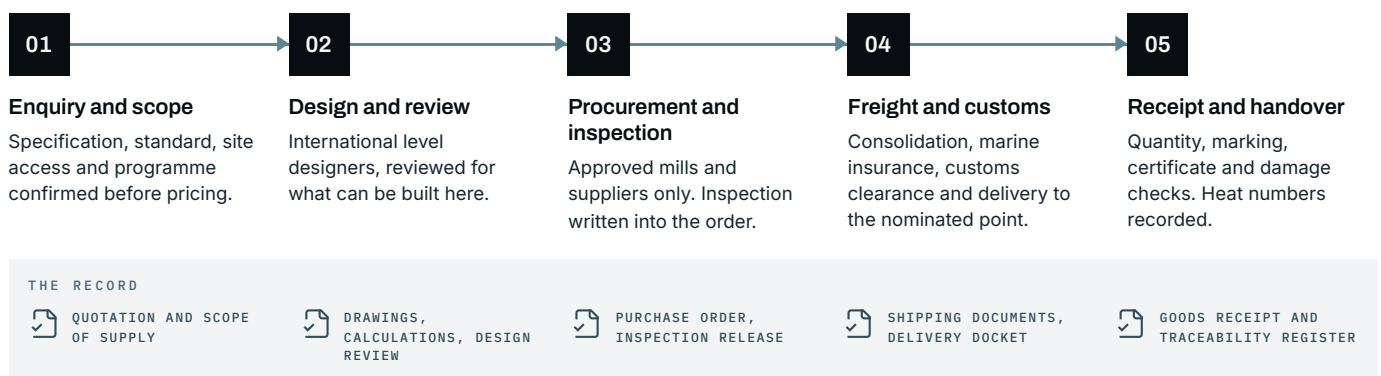
International level engineers and designers, with experience in places like Australia

PROCURED, MANAGED, EXECUTED AND DELIVERED

Talisman, in Papua New Guinea

05 • HOW WE DELIVER

From enquiry to site, with the record that proves every step



06 • SKILLED RESOURCES

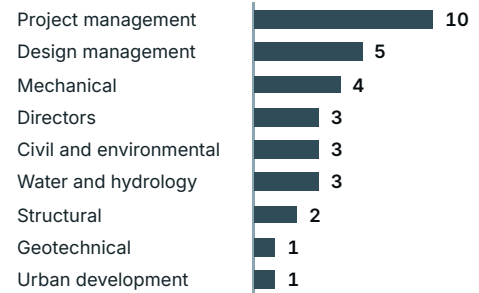
Skilled resources behind every design

International level engineers and designers, led by three directors with 19 to 25 years each across civil, resources, rail and infrastructure. Specialist sub-consultant partners add depth. Talisman manages the interface and the delivery in Papua New Guinea.

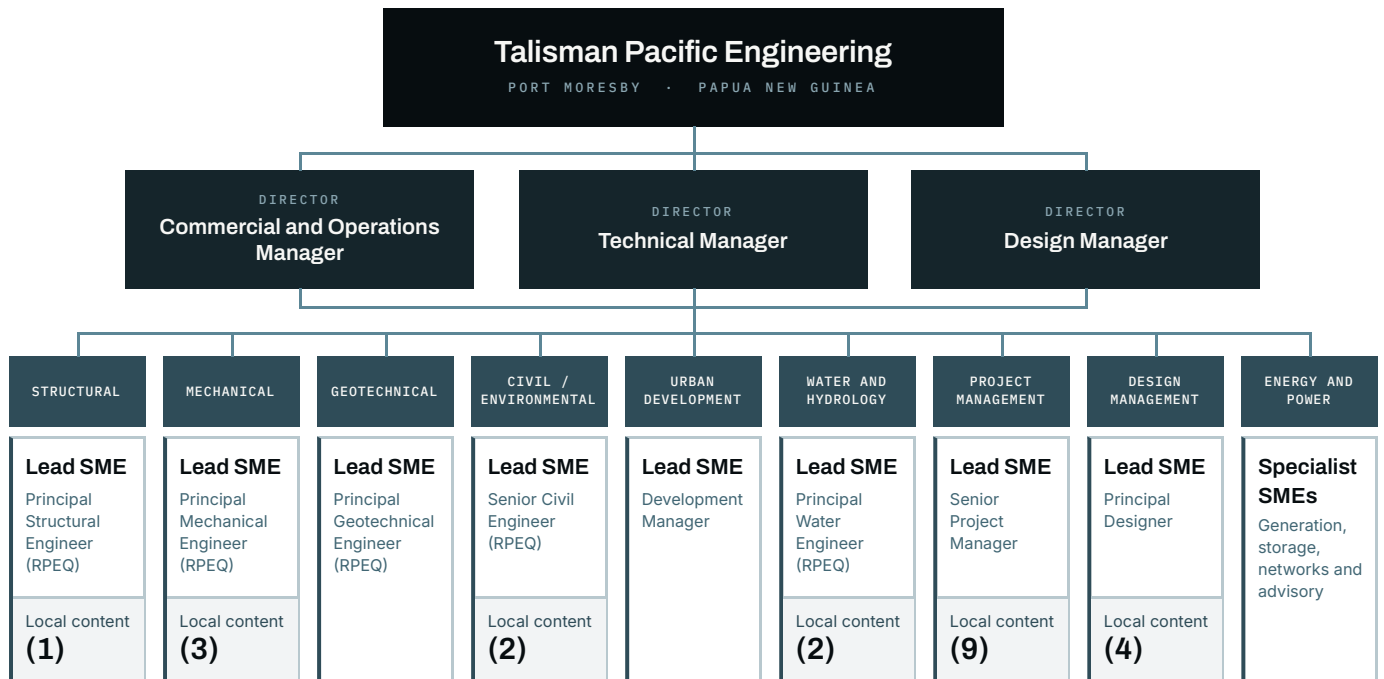
- Chartered professional engineers (RPEQ)
- Design to international and industry standards
- Independent design review and peer review
- Safety in Design workshops and facilitation
- Construction certification and sign off
- Regulated structure inspections
- Design and constructability workshops
- Project controls, estimating and scheduling

32 people by discipline

Headcount, including partner personnel



TEAM STRUCTURE



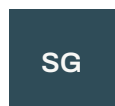
SME: subject matter expert

RPEQ: Registered Professional Engineer of Queensland

Figures in brackets include sub-consultant partner personnel

07 • LEADERSHIP

Who you will be dealing with



Sankalp Gosalia

DIRECTOR • PROJECT MANAGER AND MECHANICAL ENGINEER

- Mechanical Engineering (Honours) and Business Management, University of Queensland.
- Project manager at BHP: earth moving equipment and fatality elimination projects across BMA sites.
- Reliability and maintenance engineer at Thiess Mining: three Queensland mine sites, 120 asset fleet.
- Raised in Port Moresby. Represented Papua New Guinea nationally in swimming.

08 · PARTNER PROJECT EXPERIENCE

Recent work delivered by our partners

35+

civil and resources projects delivered, 2024 to 2026

5,000 MWh

largest battery installation supported

9

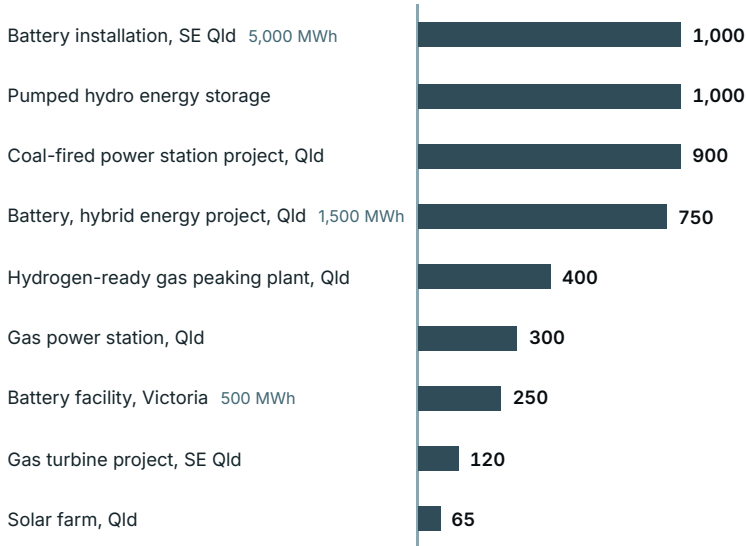
recent data centre energy projects

\$184M

EPC procurement managed for one coal complex

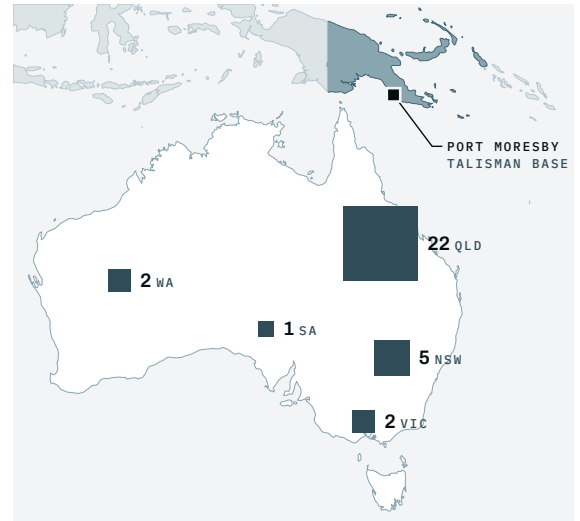
Scale of power projects supported

Capacity in MW. Roles range from concept studies to owner's engineering.



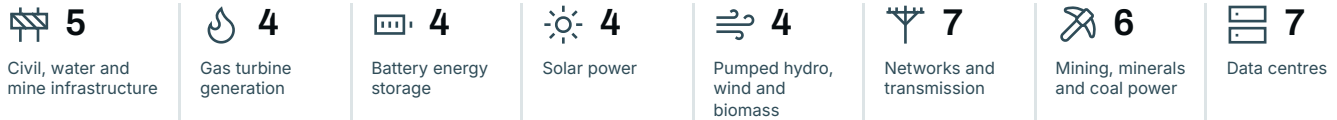
Where the work was done

Projects listed in this statement, by state.



Another 8 span several states or have no fixed site, and one is in Saudi Arabia.

41 PROJECTS LISTED IN THIS STATEMENT, BY SECTOR



Civil, water and mine infrastructure

YEAR	PROJECT	WHERE	SCOPE
2026	Water transfer dam and pipeline system	Coal mine, Central Queensland	Dam, pumps, 450 mm pipeline and creek diversions. Concept design to construction certification.
2026	75 km rural road upgrade	Wind farm access, central Queensland	Road geometry, culvert crossings, cattle grids, laybys and pavement optimisation.
2026	Haul road and levee integration	Coal mine, Central Queensland	Flood studies, surface water containment, drainage, culverts and haul road design.
2025	ROM pad and concrete transfer station	Copper mine, Cobar, New South Wales	Traffic management, access roads, surface water and concrete transfer station.
2024	Creek diversions and highway intersection	Central Queensland	17 km ² staged creek diversion with levees, drains and dams. State highway intersection.

Partner footprint covers Australia, New Zealand, South-East Asia and the Middle East, with representatives in Latin America and fluent speakers of Spanish, Hindi, Gujarati and Arabic. Partner details and references available on request.

08 · PARTNER PROJECT EXPERIENCE, CONTINUED

Energy, power and resources: 36 projects, eight services

	STUDIES	DESIGN	APPROVALS	GRID CONNECTION	PROCUREMENT	ADVISORY	DELIVERY	EMISSIONS
E / 01 Gas turbine generation								
400 MW hydrogen-ready gas plant, Qld		■						
300 MW gas power station, Qld	■		■	■	■	■		
120 MW gas turbine project, SE Qld	■		■	■	■		■	
Gas power plant operations, Qld					■		■	
E / 02 Battery energy storage								
1,000 MW / 5,000 MWh battery, SE Qld	■	■		■	■	■		
250 MW / 500 MWh battery, Victoria		■				■		
750 MW / 1,500 MWh battery, Qld	■							
Hydrogen and battery study, aviation	■							
E / 03 Solar power								
65 MW solar farm, Qld			■	■	■			
Five solar farms, Victoria and NSW						■		
Solar and battery concept, Melbourne	■	■		■				
Solar farm, South Australia			■	■		■		
E / 04 Pumped hydro, wind and biomass								
1,000 MW pumped hydro storage	■					■		
Biomass co-firing trial, Qld							■	
Wind farm concept study, Central Qld	■							
Wind farm on former mine site, Qld	■							

	STUDIES	DESIGN	APPROVALS	GRID CONNECTION	PROCUREMENT	ADVISORY	DELIVERY	EMISSIONS
E / 05 Networks, transmission and renewable energy zones								
High-voltage transmission project, Qld	■	■		■			■	
Power project network connection, Qld				■			■	
Power station registration, Qld				■			■	
Energy zone, central-west NSW				■	■	■		
Energy zone, northern NSW	■			■		■		
Mine network connection				■		■		
132 kV mine powerline relocation	■			■				
E / 06 Mining, minerals and coal power								
7 Mtpa coal mine, Central Qld						■		■
Coking coal complex, Qld	■			■				■
Open-cut bauxite mine, Far North Qld	■		■					
Lithium mine power supply, WA						■		
900 MW coal-fired power station, Qld	■	■	■	■		■		
Coal preparation plant energy study	■							■
E / 07 Data centres								
\$2.5 billion data centre campus, Qld	■	■				■	■	
Data centre with biomass plant						■		
Up to 15 regional micro data centres	■							
Gas generation study, Saudi Arabia	■							
Energy supply advisory, WA						■		
Energy supply strategy, Sydney	■					■		
Battery integration, Sydney	■							

■ Service provided on the project. Also delivered: statutory annual reports, an 80-template document suite and bid writing for major engineering consultancies.

SECTORS SERVED

 Resources and energy	 Power generation, storage and networks	 Data centres and digital infrastructure	 Commercial and civic building
 Ports, roads and logistics	 Government and donor funded works	 Utilities and telecommunications	 Industrial and warehousing