

RASP

A U S T R A L I A



ENGINEERING & DESIGN CONSULTANTS
100% INDIGENOUS OWNED



08 6270 0485



admin@raspaustralia.com.au



www.raspaustralia.com.au



COMPANY PROFILE

RASP Australia, is a fast growing Engineering and design firm in Australia, proud of its 100% Indigenous ownership. With a proven track record spanning over a decade, we have been delivering exceptional services to clients from various industries.

Having accomplished significant projects across Australia, Germany, Qatar, and Dubai, RASP has garnered a reputation for excellence and reliability. Our success is a testament to our dedication and commitment to quality engineering solutions.

At RASP Australia, innovation and diversity are at the core of our values. As a forward-thinking design and engineering firm, we specialize in a wide range of services catering to the Infrastructure, Mining, Power, and Architecture sectors. Our multidisciplinary approach ensures that we bring cutting-edge solutions to every project we undertake. Our team of experts is driven by a passion for excellence and sustainability. We pride ourselves on providing cost-effective and environmentally conscious solutions without compromising on the quality of our work.

At RASP, we believe in empowering local communities and fostering economic growth. Our work is completed 100% in Australia, making communication and quality our highest priority.





Power Engineering

Capability

Distribution Design:

- Design and modelling electrical distribution systems.
- Substation Design
- Load Assessments
- Network Analysis and modernisation
- Overhead and Underground Design
- layout and protection systems.
- Load flow Analysis

Power Automation Solutions:

- Design and Integration of automation systems
- PLC and SCADA
- Remote monitoring
- Control system design
- Energy management System (EMS) implementation

Transmission Design:

- High Voltage Line design
- High voltage network planning
- Tower and Pole Structure design and Analysis
- Grid modernisation
- Compliance Documentation

Project Highlights

Victoria's Renewable Energy Zones and
Transmission Infrastructure (TAS)
AECOM

Gabbro Port Unloading & Stockyard Facility
FLSmidth

Regional Reliability Initiative - Dongara
Feeder
Western Power

Woodman Point - Water Corporation
Integrate Alliance



High Quality



Industry Experts



Indigenous
Participation



Regional Reliability Initiative - Dongara Feeder



Gabbro Port Unloading & Stockyard Facility





Civil Engineering

Capability

Roads and Highways Design

- Pavement Design
- Alignment Design
- Intersection and Interchange Design
- Materials specifications
- As-Built Drafting
- Earthworks
- Reinforcement bar Modelling
- Rail Geometry

Drainage Design

- Stormwater management system design
- Flood modelling and mitigation planning
- Erosion and sediment control planning

Drafting and Modelling

- Production of detailed drawings and models
- Clash detection and resolution
- Visualisation and renders
- 3D Scanning
- Scanning to 3D Model

Project Highlights

LXR Design and Drafting
ARUP

Tonkin Gap - Main Roads WA
GHD

Village Bore field Upgrade
BHP Nickel west

North East Link Project
Synergy Alliance



High Quality



Major Project
Experience



Indigenous
Participation



Cranbourne Line Upgrade - Vic Bigbuild



Christmas Creek Fuel Farm Facility





Renewable Power

Capability

Solar Energy Solutions:

- Design and optimisation of Solar systems
- Feasibility studies
- Shading analysis.
- Integration of solar systems with existing power infrastructure.
- Site Selection
- Site Survey

Wind Energy Design:

- Site selection
- Wind resource assessment.
- Layout and micro-siting of wind turbines.
- Power output analysis.
- Integration with existing power infrastructure.
- 4D Planning

Battery Storage and Hybrid Systems:

- Design of battery energy storage systems (BESS).
- Hybrid system design combining solar, wind, and storage.
- Demand response and peak shaving solutions.
- Site selection
- 3D scan to 3D Model
- Project Management

At RASP, we recognise that renewable energy is not just a choice but an imperative for a sustainable future. As an Indigenous-owned company, we deeply understand the importance of caring for the land and honoring the environment for future generations. Renewable energy aligns with this commitment, offering a path to reduce carbon footprints, combat climate change, and preserve natural resources. By embracing renewable energy solutions, RASP supports a cleaner, greener future while fostering innovation and resilience in communities.



High Quality



Design and Construct



Indigenous Participation



Victoria's Renewable Energy Zones and Transmission Infrastructure



ADaPT

by RASP Australia

- Upskill Indigenous individuals for white-collar careers.
- Provides trainees with valuable training and industry experience.
- Collaborators can market their involvement with ADaPT with approval.
- Trainees are provided with a salary and remunerated for their dedicated study efforts.



"In order for the ADaPT Program to work we need clients that are willing to commit to long term contracts and utilise our services in Australia instead of outsourcing overseas"

*Richard Tester - Managing Director
RASP Australia*

TRAINEE BENEFITS

- Financial support while studying
- Exposure to industry leaders across Australia's most recognised organisations
- Indigenous Mentors
- Pathway to a successful and sustainable career
- Exposure to high level training and industry events

OPPORTUNITIES

- RASP offers traineeships for the following career paths for Civil, Structural, Electrical and Architecture
- Design and Drafting
- Planning
- Engineering

"The ADaPT program is a hands-on action learning opportunity with wrap around support for Indigenous Australians to learn on the job on country close to home whilst working on real practical jobs."

Adam Goodes - CEO of iDiC

