

**FULL TURNKEY SERVICE
DESIGN | MANUFACTURING
CONSTRUCTION | COMMISSIONING
OPERATIONS**

**ELECTRICAL, MECHANICAL
& CONTROL SYSTEMS
SPECIALISTS FOR THE MINING,
OIL & GAS, RESOURCES AND
DEFENCE SECTORS**



**MINING & RESOURCES
OIL & GAS, RENEWABLES
AND DEFENCE**

WHAT EXACTLY DOES **DICE MINING** **SERVICES** DO?

Dice Mining Services is an engineering and construction specialist offering full turnkey solutions. Our capabilities are extensive, covering all aspects of project delivery from design, manufacturing, and procurement, through to construction, commissioning, plant optimisation and maintenance.

Operating across the mining, oil & gas, defence, resource, renewable and hybrid power generation sectors, Dice Mining Services offers complete in-house engineering, specialising in electrical, mechanical, controls and instrumentation.

As a proudly Indigenous owned and operated company with a broad service offering, we are indeed a unique and valuable partner.



WHAT DOES DICE MINING SERVICES OFFER?

OUR CAPABILITIES

- Electrical, Mechanical & Control Systems Design
- PLC & SCADA Development
- Panel and Switch room Manufacture, LV/MV/HV
- Process Plant Operation
- Construction, Commissioning & Optimisation
- Managed Services, including Shutdowns & Completions
- ACS & SMS for Mobile Machines
- TMS & QMS for Bulk Handling Facilities
- Hazardous Area Design, Audits & Certification
- Drafting, 3D Modelling (incl. VR)
- Functional Safety
- Mobile Machine Automation
- 24/7 Support
- Optimisation and Operations

OUR PARTNERS



- ◆ ELECTRICAL
- ◆ SMART ENERGY
- ◆ CONSTRUCTION



ELECTRICAL CONTROLS & INSTRUMENTATION

Specialising in mobile machinery, materials handling and process plants, our real-world solutions are delivered to the highest standards, and designed around your needs.

ELECTRICAL / INSTRUMENTATION DESIGN

SYSTEM & NETWORK DESIGN

DRAFTING AND 3D MODELLING (INCL. VR)

PLC / SCADA DEVELOPMENT

SUPPLY & INTEGRATION

CONSTRUCTION & COMMISSIONING

OPTIMISATION AND OPERATIONS



ELECTRICAL MECHANICAL CONSTRUCTION & COMMISSIONING

Offering complete construction and commissioning services for both fixed and mobile plant, our specialised mechanical team covers all aspects of on-site project delivery, safely within budget and on time.

INSTALLATION

SUPERVISION

QA / QC & HSE

CONSTRUCTION VERIFICATION

COMMISSIONING

MAINTENANCE

24/7 SUPPORT



RENEWABLE ENERGY

Integration of renewable energy sources across wind and solar systems with BESS and auxiliary systems.

Offering support for the full project lifecycle, from civil, electrical, mechanical and control systems design, balance of plant supply, site construction and commissioning through to operations support and maintenance.



INSTRUMENTATION UPGRADES

ALARM RATIONALISATION

SCADA GRAPHICS

CONTROL SYSTEM HARDWARE

PLANT DOWNTIME REPORTING

COMMUNICATION IMPROVEMENTS

ELECTRICAL SYSTEM UPGRADES

CONDITION MONITORING

PLANT OPTIMISATION AND OPERATIONS

The optimisation of the electrical, instrumentation and control systems can dramatically reduce assets and plant downtime, increasing reliability and throughput.

Making these systems work together to simplify operations and maintenance is a specialist area.

Many capital projects do not have the scope to achieve this and often leave operations to work with a system that is hard to maintain and troubleshoot. However, this doesn't need to be the case.

We have a team of experienced engineers with a background in site operations that understand how these systems tie together and how operators use them, helping our clients optimise performance, save money and improve production.

CONTROL PANEL SPECIALISTS

Full turnkey services are offered to our clients throughout Australia.

Our skilled team can confidently execute projects from design through to commissioning for a range of industries, applications and client specifications including manufacture and testing of MCC's, LV, MV and HV switchgear, transformers and RMU's.

INSTALLATION

SUPERVISION

QA / QC & HSE

CONSTRUCTION VERIFICATION

COMMISSIONING

MAINTENANCE

24/7 SUPPORT

PREVENTATIVE MAINTENANCE

REACTIVE SITE SUPPORT

MODERNISATION & UPGRADES

PERFORMANCE OPTIMISATION

FUNCTIONAL SAFETY COMPLIANCE

TELEPHONE SUPORT 24 / 7 / 365

HAZARDOUS AREA COMPLIANCE

INSTRUMENTATION CALIBRATION

MANAGED SERVICES

Maximise your controls system infrastructure to meet the increase in demand on safety, productivity, availability, reliability and security.

We specialise in Plant Automation, Machine Automation, and Commodity Management Software.

Our managed services are adaptable to your needs, to keep your critical SCADA and telemetry infrastructure not only functional, but efficient and effective.

\$10.2m



Larrakeyah Enabling Works

Darwin, NT

Installation of new complex in-ground services including storm water, sewer, electrical and civil infrastructure.

CONSTRUCTION

\$8.7m



Rio Tinto Gudai Darri Stockyard Machines Construction Project

Newman, WA

Electrical and mechanical construction works on 2 stackers / 1 reclaimer including labour, supervision, isolation and permit holder, compliance, safety docs, tooling & equipment supply.

CONSTRUCTION

>\$7m



Bulk Fuel Storage Tanks

RAAF Base, Darwin, NT

Demolition of an existing liquid dry breathable oxygen facility and construction of two 80 million litre bulk fuel storage tanks.

ELECTRICAL

\$5.7m



BHP MAC Stockyard Machines Sustainability Project

Newman, WA

Maintenance and commissioning works for Stackers ST01 & ST02 incl. E,I&C design, engineering, functional safety, install and integration.

SITE MAINTENANCE

\$5.3m



Tasiast Gold Mine Upgrade Project

Mauritania, Africa

Process control system replacement project, 2 process trains, new crushing and mill, PLC and SCADA Standards.

PROCESS PLANT UPGRADE

>\$5.1m



Rio Tinto EII MCC Replacement Project

Dampier, WA

Design, manufacture, inspection and testing, delivery, installation and commissioning of 7 replacement tripper LV MCC's with IP66 rated enclosures.

MCC MANUFACTURING



\$4.8m

Glencore Clermont Site Refresh Project

Emerald, QLD

Control system design, supply and commissioning, incl. electrical design mods for 2 stackers, conveyor system, TLO, processing and handling facilities as part of the coal plant refurbishment.

STOCKYARD OPTIMISATION



>\$2.4m

Defence Base Reactive and Planned Maintenance Contract

All Defence Bases, NT

Ongoing maintenance contract with Ventia.

MAINTENANCE CONTRACT



\$2.3m

DBCT ST1A Replacement Project

Mackay, QLD

E,I&C design, manufacture and supply, onsite construction and commissioning support for the new Stacker at Dalrymple Bay Coal Terminal.

ELECTRICAL



>\$1.5m

Callanan Road Yarrowonga, NT

Design & construction of an office area within an existing shed for >30 employees across 2 levels. 13 individual offices, reception area, 2 kitchenettes, bathroom facilities, wooden staircase, 6 person lift, state of the art conferencing and CCTV facilities with key pad security entry.

CONSTRUCTION



>\$600k

Defence Base Switchboard Upgrades

RAAF Base, NT

Replacement of 40 main switchboards including all electrical components.

ELECTRICAL



\$500K

St Ives Hybrid Power Station Feed Design and Engineering

St Ives Gold Mine, WA

Civil, Mechanical, Structural, Electrical and Control Systems engineering and design for the 120MW renewable hybrid power station for the St Ives Gold Mine.

RENEWABLE POWER



DICE MINING SERVICES

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