Capability Statement
Contents

Our Mission 2
Our Vision 2
Our Values 2
The Centrals Story 4
Servicing Your Asset for the Whole of its Life 6
Specialist Industry Experience 9
  Civil and Concrete Construction 11
  Structural, Mechanical, Piping and Tanks 13
  Electrical and Instrumentation 15
  Ancillary Services 15
  Non-Process Infrastructure 17
  Remedial Works 19
  Planned Maintenance and Minor Projects 21
  Residential and Commercial Property Developments 23
Key People 24
Integrated Management Systems 27
Plant, Equipment and Facilities 29
Our People 30
Project Case Studies 32
Centrals’ Locations 39
Our Mission

Our mission is to provide value to our clients and shareholders by offering products and services at various points along the supply chain to the resources and related sectors. Our services shall be built on a foundation of safety, customer satisfaction and commercial success.

Our Vision

Our vision is to build a portfolio of value adding, complementary businesses to service our customers across the resources, infrastructure, energy and residential and commercial building sectors.

Our Values

Commitment to our employees through:
- Providing a safe working environment
- Training and career opportunities
- Employee participation
- Empowerment with accountability
- Stability in employment
- Recognition and reward

Align our business with our customers’ goals through:
- Understanding and delivering to their expectations
- Establishing and maintaining long term relationships
- Integrity in all aspects of business

To offer and ensure superior services through:
- Innovative and cost effective solutions
- Sharing risk and reward
- Operating with a quality system framework
- Technical excellence
- Effective health, safety and environmental management
- Continuous improvement of all aspects of our business
The Centrals Story

Centrals is a wholly owned subsidiary of Resource Development Group Limited (RDG) delivering a range of multi-discipline construction and maintenance services for clients in the Mining, Oil and Gas, Utilities and Defence sectors across Australia.

For over ten years we have experienced consistent year-on-year revenue growth through the delivery of quality, safe and reliable construction and remedial services. This sustainable business growth enables us to retain our key assets – our people. We are in an advantageous position of offering a quality and strength of personnel with individual and collective experience and capability well beyond that of most of our competitors.

We take pride in developing a culture of safety, leadership and strong internal systems and procedures. These are the key drivers that deliver quality and value to our clients through our “Whole of Life” service offering.

We offer a full suite of new construction services as well as ancillary, remedial and protective maintenance services across all disciplines from heavy civil and concrete to SMPT as well as E&I. This approach allows us to take a long-term view, avoiding durability pitfalls for new assets, which extends life expectancy and reduces down-time expense.

We have successfully delivered projects for major clients including:
- BHP Billiton Iron Ore
- Rio Tinto Iron Ore
- Fortescue Metals Group
- Woodside
- IB Operations
- Roy Hill
- Synergy
- Newcrest
- Glencore
- Chevron
- AngloGold Ashanti
- Samsung
- Monodelphous
- Chichester Metals

Our experience includes projects such as:
- Pluto LNG
- Gorgon LNG
- Solomon Hub
- Mt Whaleback
- Area C
- NewGen Power Station
- Tronox
- Bunbury Port Authority
- Jimblebar
- Wheelara
- Innaloo Unit Development
- The Islands Residential Development
- 83 Residential Homes taken over from a builder gone into liquidation
- Tropicana Gold Mine
- Sino Iron
- Cadia East Gold Mine
- Roy Hill
- Northstar
- Defence – Henderson
- Spring Gully APLNG
- Yandi
- Spinfex

Since our commencement in 2003, we have consistently achieved outstanding revenue growth which has enabled us to build a solid and reliable foundation from which we deliver client projects Australia-wide.
Servicing Your Asset for the Whole of its Life

Centrals’ “Whole of Life” approach revolves around the provision of construction and maintenance services to create and extend the life of assets associated with oil and gas, mineral processing, infrastructure, utilities and defence sectors. Assets such as, but not limited to:

- Mineral Processing Plants
- Rail and Port Infrastructure
- Buildings and Non-Process Infrastructure
- Water Treatment Plants
- Marine Vessels
- Power Stations
- Residential and Commercial Building

With a highly experienced management and field team, Centrals has a proven track record of precision and quality workmanship. We pride ourselves at being at the forefront of new technologies and applications. Our philosophy is focused on delivering a high level of client service without compromise to safety, quality or schedule.

Our model allows us to undertake vertically integrated projects or individual, discipline specific packages in line with any of our core capabilities, anywhere in Australia.

**Service Offering**

**Civil**
- Bulk Earthworks
- Detailed Excavation
- In-Situ and Pre-Cast Concrete Construction
- In-Ground Services

**Engineering & Infrastructure**
- Structural Steel Erection
- Mechanical Installation
- Materials Handling
- Piping and Tanks
- Commissioning Assistance

**Electrical & Instrumentation**
- Electrical Installation and Testing
- HV / LV Reticulation
- Power Distribution
- Switchyard Construction

**Minor Projects**
- Plant Upgrades
- Brownfield Construction
- Camp Expansion
- Road and Rail Infrastructure
- Sustaining Capital

**NPI**
- Industrial Buildings
- Bulk Storage
- Workshops and Labs
- Remote Accommodation Camps and Facilities

**Residential & Commercial Building**
- Residential – single storey
- Residential – multi storey
- Residential – multi unit
- Commercial developments

**Remedial Works**
- Plant Shutdowns
- Inspections
- Refurbishments
- Equipment Replacement

**Planned Maintenance**
- Steel/Concrete/Tank Reinforcing and Repair
- Structural Strengthening
- Equipment Modification and Repair

Pictured: Pluto LNG, Burrup Peninsula WA

(photos courtesy of Woodside Energy Ltd)
Specialist Industry Experience

Mineral Processing and Handling

Centrals bring more than 25 years of continuous experience working within the Mining Industry both in a construction and maintenance capacity. Our expertise ranges from delivering civil and structural concrete packages for Ore Processing Facilities, Stockyards and ROM Walls, through to complete SMP packages to both Wet and Dry Process Plants and Overland Conveyors.

We have worked with many of Australia’s largest mining companies including BHP Billiton Iron Ore, Rio Tinto Iron Ore, FMG, Xstrata, AngloGold Ashanti and Newcrest both in surface work as well as underground construction.

Oil and Gas

We also have a proven track record of successfully delivering projects within the Oil and Gas sector. Taking the time to understand the unique industry standards as well as our client’s specific needs has enabled us work on some of the largest Oil and Gas projects in Australia’s history including Woodside’s Pluto LNG and Chevron’s Gorgon Project.

Through our multi-disciplinary capabilities we have successfully delivered packages of work including bulk and detailed earthworks, In-situ and Pre-Cast concrete through to specialist cementitious and epoxy structural grouting to base plates and rotating equipment within the process plant.

Road, Rail and Port Infrastructure

From the construction of 11 rail bridges for the Roy Hill Iron Ore Project in Western Australia’s Pilbara region through to the refurbishment of the Garden Island High and Low level bridges, Centrals have successfully worked within the greater transport infrastructure sector across Australia.

We have also successfully completed contracts with the Dampier and Geraldton Port Authorities as well as BP Kwinana Refinery Port Operations for wharf remediation/modification and demonstrated a true multi-discipline self-executing capability.

Public and Private Utilities

With experience working for clients such as Verve Energy, Cooperative Bulk Handling (CBH) and holding an approved contractor status for Water Corporation and Western Power, Centrals are well placed to execute our Whole of Life service offering to the most demanding of projects and clients.

Working within both the Green and Brown-Field environment on assets such as bulk storage facilities, water treatment plants and power stations, Centrals have the proven track record to deliver the right outcome for utility providers.

The design and construct project for a new cooling system outflow canal into Cockburn Sound for Verve Energy’s Kwinana Power station demonstrated Centrals innovative approach to minimise the environmental impacts of our operations.

Defence Sector

Understanding and exceeding the unique requirements and standards that are required to work within the Defence Industry is something Centrals and its workforce pride themselves on.

Maintenance services and refurbishment solutions including industrial blasting, modification and application of protective coatings are just some of the services Centrals execute to support Australia’s naval fleet.

Residential and Commercial Building

Centrals are committed to providing exceptional value and quality in all homes we build whether it be your first entry level home to a luxury residence. We work closely with all of our clients from the initial consultation to the final handover to ensure the building process is a smooth and hassle free one. Centrals pride ourselves on our attention to detail, professionalism and high level of customer service.
Centrals core capability is in delivering large scale, heavy civil structures requiring:
- High Volume Concrete Placements
- Complex Concrete Works
- Underground Concreting
- Tilt Panel and In-Situ Concrete Walls and Columns
- Concrete Footings, Pedestals, Slabs and Bunds
- Ring Beams and Concrete Tanks
- Suspended Concrete Slabs and Roofs
- Pre-Cast Concrete Manufacturing
- Installation of In-Ground Services
- Detailed Excavation, Backfill and Compaction
- Bulk Earthworks including Site Works

**Roy Hill Rail Bridges**

<table>
<thead>
<tr>
<th>Client</th>
<th>Samsung C&amp;T</th>
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</thead>
<tbody>
<tr>
<td>Scale</td>
<td>$100M 445,000 man-hours</td>
</tr>
<tr>
<td>Location</td>
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</tbody>
</table>

Detailed earthworks, in-situ concrete placement, construction of pre-cast elements and installation of structural steel for 11 rail bridges from mine site to port, including water, live rail and haul road crossings.

**Solomon Ore Processing Facilities & Crushing Hubs**

<table>
<thead>
<tr>
<th>Client</th>
<th>Fortescue Metals Group</th>
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<tbody>
<tr>
<td>Scale</td>
<td>$230M 568,000 man-hours</td>
</tr>
<tr>
<td>Location</td>
<td>WA</td>
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</tbody>
</table>

Complete structural concrete construction for new ore processing facilities and three crushers including RE walls, earthworks and concrete construction for CID and BID plant, crusher foundations and associated equipment.
Centrals capabilities include self performing Structural, Mechanical, Piping and Tank Installations such as:

- Structural Steel Erection
- Construction of Conveyors and Pipe Racks
- Installation of Tanks
- Structural and Equipment Grouting
- Mechanical Equipment Installation including Materials Handling, Conveyors and Process Equipment
- Commissioning Assistance
- Installation of Modularised Structures
- Installation of Pipelines and Pipe Spooling

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**North Star Process Plant SMP Installation**

<table>
<thead>
<tr>
<th>Client</th>
<th>Fortescue Metals Group</th>
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<tr>
<td>Scale</td>
<td>$72M  380,000 man-hours</td>
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</table>

Supply, manufacture, installation, construction, testing and pre-commissioning of a magnetite processing plant. Fabrication, transport and delivery of approx. 3,000T of Structural Steel.

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**Sino Iron Ore Structural Steel & Concrete**

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<thead>
<tr>
<th>Client</th>
<th>MCC Mining</th>
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<tbody>
<tr>
<td>Scale</td>
<td>$220M  1,106,381 man-hours</td>
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</table>

Project management and construction comprising concrete, detailed earthworks, in-ground services and structural steel erection for four new filter buildings and associated infrastructure.
Electrical and Instrumentation

Centrals can undertake electrical installations including:
- Instrumentation and Control Installations
- HV and LV Electrical Reticulation
- Hazardous Area Installation and Testing
- Electrical Substations
- Industrial Lighting and Power
- High Voltage Substation and Switchyard Construction
- Installation and Commissioning of Process Control Systems
- Electrical Contractors Licence EC010069

Ancillary Services

Centrals can undertake electrical installations including:
- Precision, High Strength Structural Grouting (cementious and epoxy)
- Corrosion Prevention including Cathodic Protection
- Protective Coatings and Linings
- Concrete Cutting, Drilling and Jointing

**Granny Smith Gold Mine**
- Client: Barrick Gold
- Scale: $5M, 28,300 man-hours
- WA

Project included civil works, extensive demolition works and re-installation of all associated structural steel, S/S piping, HDPE piping, mechanical equipment, electrical cabling, instrumental, signage and labelling.

**Pluto LNG Project Site B Structural Grouting**
- Client: Woodside (Leighton, Monadelphous, CB&I, Decmil and UGL)
- Scale: $10M, 83,600 man-hours
- WA

Primary supplier of critical grouting, protective coatings and specialty civil concrete services to all major Tier 1 contractors at Pluto LNG.
Non-Process Infrastructure

Centrals capabilities include construction of non-process buildings and facilities including:

- Control Centres
- Administration Buildings and Laboratories
- Warehouses and Workshops
- Specialist Storage Facilities such as Explosive Magazines and Chemical Stores
- Remote Area Accommodation Facilities
- Rail and Heavy Vehicle Depots and Maintenance Facilities

We can construct a variety of building types including steel frame, precast tilt-panel concrete and prefabricated modular installation including in-ground services, access roads and hardstands.

Roy Hill NPI

Client: Brookfield Multiplex
Scale: $12M 52,000 man-hours
WA

Detailed earthworks, concrete placement and in-ground services to the Non-Process Infrastructure at Roy Hill mine site. Including LV and HV Workshops and Wash Facilities, Admin Buildings and Tyre Change Facility.

Sino Iron Ore NPI

Client: MCC Mining
Scale: $20M 22,800 man-hours
WA

Design and construction of the main workshop complex at the Sino Iron Port Facilities including modular/transportable administration and amenities buildings, road works, infrastructure and underground services.

Pictured: Sino Iron Ore Project, Cape Preston WA
Remedial Works

Centrals’ extensive range of specialised remedial works are aimed at protecting and extending the life of existing structures.

These services include:
- Concrete/Steel Reinforcing, Repair and Protection
- Structural and Equipment Grouting
- Structural Strengthening
- Tank Repair
- Cathodic Protection
- Waterproofing
- Resin Injection
- Specialist Consulting Services

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**Nelson Point**
**LRP3 Remedial Works**

**Client:** Monadelphous  
**Scale:** $5.5M 42,000 man-hours  
**WA**

Concrete structural repair and modification to building and electrical substation. Also installation of impressed current cathodic protection systems and concrete core drilling to accommodate new equipment.

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**CBH Albany Grain Silo Repairs**

**Client:** Cooperative Bulk Handling (CBH)  
**Scale:** $7.5M 36,211 man-hours  
**WA**

Extensive concrete repairs to the 10,000T grain storage silos at CBH’s Albany Port Facility. Scope includes hydro-demolition, reinforcing steel preparation/repair, guncrete reinstatement and 10,000m² of protective coating.

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**Telfer CIL Tank Refurbishment**

**Client:** Newcrest Limited  
**Scale:** $6M 120,000 man-hours  
**WA**

Refurbishment of six CIL tanks including complete removal of existing glass flake coating using UHP abrasive blasting. Onsite fabrication and repairs, blast/preparation and application of protective coating.

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**HMAS Stirling Bridge Repair**

**Client:** Spotless FM (Dept of Defence)  
**Scale:** $5M 37,000 man-hours  
**WA**

Repair and refurbishment of two bridges including concrete repairs, removal and replacement of protective coatings, installation of cathodic protection, reinforcement of steel structure, 6,000m² of concrete decking, installation of new mains water pipeline, HV electrical cable, vehicle barrier and hand railing.

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Pictured: BHP Nickel West, Kambalda WA
Planned Maintenance and Minor Projects

Centrals can also provide its full suite of construction services in brownfield environments for plant upgrades, project expansions, modifications and repair work under live operating conditions including:

- Civil Works
- Concrete Repairs
- Structural Steel Erection
- Mechanical and Piping Installation
- Tank Repair and Modification
- General Maintenance and Building Refurbishment
- Painting and Protective Coatings
- Electrical and Instrumentation (EC010069)

Mt Whaleback TLO Flow Enhancement

Client: BHP Billiton Iron Ore
Scale: $2.8M 10,000 man-hours

Transportation and brownfield installation of two 188 tonne flow enhancing hoppers to the top of the existing concrete train load-out vault at Newman Hub. Included large core drilling into heavy steel reinforced concrete.

ANZAC Class Naval Fleet Maintenance

Client: BAE and NSM
Scale: $25M 250,000 man-hours

Repair and maintenance works to the ANZAC Class naval fleet based at Garden Island. Abrasive and UHP water blasting and preservation and removal and replacement of external coatings under missile defence program.
Residential and Commercial Property Developments

Whilst Centrals has been a provider in the residential and commercial building industry for 5 years, the directors and management team have more than 30 years experience in designing, developing and constructing high quality building projects. Our building services include:

- Residential homes – single and multi storey
- Residential multi unit developments, freehold or built or survey strata
- Commercial unit developments
- Architecturally designed and engineer certified homes
- High quality finishes, fixtures and workmanship
- 6 year structural warranty on all homes
- 6 month maintenance period upon final handover

In recent years the team at Centrals have been involved in a number of high quality residential building developments including:

- 83 residential homes for individual clients from Dudley Park to Alkimos to Aveley ($1.5M)
- Residential development in Rockingham comprising of 12 townhouses and 9 apartments ($4M)
- Multi-use residential facilities in Secret Harbour involving 34 one and two bedroom units as well as extensive ground floor commercial tenancy ($13M)

Ocean Front on South Beach, Nth Coogee

Client: Blue Ocean Enterprises
Scale: $25M
WA

Demolition works and development of the site, as well as delivery of the detailed building design for the 24 townhouses to meet the governance requirements to satisfy the Development Approval Plan issued by the City of Cockburn. Townhouse construction to commence December 2018.

6 Town Houses, Innaloo

Client: Private Developers
Scale: $2M
WA

Construction of 6 two storey, modern townhouses in the heart of Innaloo. Each townhouse has stainless appliances, stone benchtops throughout and have been designed to maximise space.
Key People

Richard Eden
Director, Corporate and Commercial
Richard is a senior maintenance and construction professional with over 22 years experience across Australia. Having held senior management roles at Cimeco and Transfield Services, Richard has a proven track record in managing business growth with a strong focus on contract and financial management. He brings broad experience in a variety of industries from mining, oil and gas through to government, utilities and defence.

Gary Reid
Director, Construction
Gary has over 25 years experience in civil and concrete projects for the infrastructure, commercial building, mining and oil and gas sectors in Queensland, Northern Territory and Western Australia. Having worked his way up from the tools he is intimately experienced in every aspect of civil and concrete construction as well as structural and mechanical installation including more than 15 years of experience as a Project Manager/ Director on packages up to A$250M.

Andrew Ellison
Director
Andrew has over 30 years experience in maintenance and construction contracting across Australia and West Africa, including seven years as Managing Director of Cimeco, and as a director of its parent company Forge Group. His experience includes civil and concrete works, commercial building, structural mechanical and piping, tanks and electrical services. He currently also holds several other directorships including indigenous partner, PLWA Group. With wide experienced in every aspect of business management and contracting, Andrew’s focus at Centrals is on business development strategy and assets management.

Ivan Ruefli
Director
As a founder of Centrals, Ivan has been integral to the company’s growth since 2003. He has more than 20 years experience in the civil, marine, residential, and commercial construction industries, founded on US military training in Civil Earthworks. Ivan holds a Bachelor’s Degree in Science and a Masters Degree in Project Management, and has successfully managed major projects both in Australia and internationally.

Michael Kenyon
Company Secretary and Chief Financial Officer
Michael holds a Bachelor of Business degree from Edith Cowan University, is an Associate of The Institute of Chartered Accountants, and a graduate member of the Australian Institute of Company Directors. He has over 20 years experience in senior finance roles within public companies.

Leading from the front ensures our culture is driven through our entire organisation.
Centrals operates in accordance with our integrated management system (IMS) which is accredited by SGS to ISO9001 (Quality), AS/NZS 4801 (Safety) and ISO14000 (Environment).

We are proud of our excellent track record in relation to health, safety and the environment, and are fully committed to continuous improvement throughout all levels of our organisation. Our mature systems instil a workplace culture which reflects our vision of industry leading quality and world class health, safety and environmental standards.

Quality

Our quality system comprises of a Quality Policy, Integrated Management System Manual and Corporate Procedures as well as a comprehensive suite of template forms, checklists, registers and other documents.

Recognising the unique aspects of every project, a project specific quality management plan is developed to clearly document the quality requirements in accordance with the drawings, specifications and standards. This will incorporate Inspection and Test Plans for each relevant component of the scope of work to ensure verification of conformance to the required standard or specification.

Environment

Centrals have incorporated a number of key environment elements into our project delivery strategy including:

- Protection of the natural environment via elimination or minimisation of pollution sources.
- Reduction of waste by adopting the principles of substitution, reduction, recycle or re-use.
- Implementation of training, monitoring and reporting systems to ensure compliance with legislative and project specific requirements.

We ensure that an effective and thorough environmental management system is implemented on every project in accordance with the Centrals Environmental Management Policy and System in accordance with ISO 14001.

Safety Management

SafeBase is the brand that encompasses Centrals’ safety policy, management, training and culture. It includes procedures and tools to develop and maintain best practice and continuous improvement.

Our commitment to the health and safety of all our employees and subcontractors is unwavering SafeBase represents the very foundation of our business and our vision of an incident free workplace.

We understand our responsibility to protect the future as care takers of our environment.
Plant, Equipment and Facilities

Centrals own, operate and maintain a comprehensive fleet of construction plant and equipment, which is supported by a fully equipped workshop and in-house maintenance team to ensure the highest standards of safety and reliability.

We also operate several maintenance and laydown facilities including:

- 13,000m² in Naval Base, WA
- 10,000m² in Townsville, QLD
- 7,500m² in Newman, WA

Our fleet includes:

- Cranes ranging from 20 tonne frannas to 130 tonne including all-terrain units
- Concrete boom pumps ranging from 36 to 43 metres
- Concrete line and trailer pumps
- Excavators ranging in size up to 48 tonnes
- Mobile water trucks ranging from 10,000–14,000 litres
- Fleet of skid steer and front end wheel loaders
- Selection of telehandlers and forklifts up to 16 tonnes
- Scissor lifts and elevated work platforms up to 18m
- Extensive range of heavy vehicles including rigid flatbeds and 40 tonne articulating dump trucks
- Over 100 light vehicles and buses
- Demountable site facilities such as offices, ablutions, crib sheds, workshops, storage units and fuel cells
- Smooth drum and padfoot rollers
Our People

Centrals growing workforce consists of over 200 personnel Australia-wide who represent a large cross section of multi-disciplinary skills. Through extensive training, personal development and engagement with our “Whole of Life” model, our workforce is able to efficiently and effectively deliver quality services to our clients.

Our management staff mirror our senior executive approach by leading from the front. The most important connection between our clients and ourselves generally happens on site so we encourage our whole team to embrace that connection and fully understand the end requirements of the project.

Centrals are also committed to developing sustainable Indigenous capability on major Australian resource and infrastructure projects. We do this by establishing strong working relationships and developing trade, technical and management skills in our indigenous workforce. This in turn enables our clients to support their own indigenous engagement objectives and truly contribute to developing local communities.
Project Case Studies

Yandi and Spinifex Water Treatment Plant Chlorination System Upgrades

Client: Hydramet Pty Ltd
Scale: $1M, 4,500 man-hours
WA
The work comprised of detailed excavation, hydro excavation, pipe installation, conduit installation, backfill and including compaction to structural requirements and placement of concrete for certain structures, replacement of above ground pipe work and installation of new instruments and valves.

Mt Isa Mine Upgrade

Client: Xstrata Zinc
Scale: $82M, 65,756 man-hours
QLD
Centrals was engaged by Xstrata Zinc for this 12 month contract. Scope of work includes construction of Ball Mill and Floatation Foundations including 50,000m³ of structural fill and 7,000m³ of concrete works.

Boddington Gold Mine

Client: Newmont (AKCMR)
Scale: $82M, 302,000 man-hours
WA
Civil and concrete works for the flotation and leaching areas including concentrator thickeners, tailings leach tanks, tailing thickeners, lime storage, reagent stores and MCC/goldroom.

Tropicana Gold Mine Project

Client: Lycopodium
Scale: $30M, 175,000 man-hours
WA
Construction of a new mine near Kalgoorlie including primary and secondary crushers, recirculation tunnel, screening area and associated conveyors, ball mill, CIL area and thickeners.

Gorgon CO₂ Pipeline Crossing

Client: Monadelphous KT
Scale: $10M, 58,000 man-hours
WA
Installation of a 7.3km underground DN300 pipeline for injection of dense phase CO₂ including site preparation and installation of well cells at three CO₂ injection well sites and a further two monitoring sites, and installation of electrical, communications cables, foundations, civil works and other associated facilities.

Kings Valley Overland Conveyors

Client: Fortescue Metals Group
Scale: $22M, 96,000 man-hours
WA
Scope included 3 conveyor systems, spanning over 6kms. Each involving structural, mechanical, piping, belt and electrical installations at the Solomon Iron Ore mine.

Mt Whaleback Water Cart Filling Stations

Client: BHP Billiton
Scale: $3M, 15,000 man-hours
WA
Upgrade of four existing water cart filling stations including supply, construction, testing and commissioning of HV dust suppression tanker standpipes at the Mt Whaleback mine site.

A detailed list of previous projects and case studies can be supplied if required.
Project Case Studies

Dampier Cargo Wharf Refurbishment

- **Client**: Dampier Port Authority (DPA)
- **Scale**: $5M 5 year contract
- **Location**: WA

5 year term design and construct contract to facilitate the refurbishment and preservation of the Dampier Cargo Wharf. Scope of works included hydro demolition, reinforcing steel, grout/concrete placement and coatings whilst at all times maintaining full operational capacity of the facility.

Solomon Overpass

- **Client**: Fortescue Metals Group
- **Scale**: $10M 50,000 man-hours
- **Location**: WA

Construction of a heavy and light vehicle overpass from firetail north to firetail south crossing the existing overland conveyor CV704.

Area C – In Pit Facilities

- **Client**: BHP Billiton
- **Scale**: $6.5M 26,000 man-hours
- **Location**: WA

Centrals were engaged on this project as a full design and construct package for building facilities including open plan office, crib room facilities, ablutions block and ice room.

Welshpool Workshop Modifications

- **Client**: BHP Billiton
- **Scale**: $8.5M 141,290 man-hours
- **Location**: WA

General upgrades/refurbishment/new construction to BHP Refurbishment Facility conducted over three phases: Power Upgrade, Paint and Wash and Fire Ware Upgrade.

Spring Gully APLNG – Roadworks

- **Client**: Monadelphous
- **Scale**: $16M 2,000 man-hours
- **Location**: QLD

Construction of various roads around the project site including supply and lay fill material, compaction, lay bitumen, complete line marking on roads and carparks.

North Star Shutdown Maintenance

- **Client**: Fortescue Metals Group
- **Scale**: $3M 31,708 man-hours
- **Location**: WA

Perform monthly shutdown works to various parts of the plant. With a fleet of plant and equipment on-site, as well as a crew ranging from 5-30 personnel, work was completed within the tight time-frame for each shutdown.

Mt Whaleback Environmental Drilling

- **Client**: BHP Billiton
- **Scale**: $1M 1,100 man-hours
- **Location**: WA

Centrals were engaged to carry out specialist environmental drilling for the purpose of investigation work to a contaminated work area.

Roy Hill Logistics and Completion Projects

- **Client**: Samsung CAT
- **Scale**: $50M 307,652 man-hours
- **Location**: WA

Initially engaged by to provide logistical and procurement support for the completion works at the Roy Hill Mine Processing Plant. Subsequently engaged to perform numerous extensive scope for construction and commissioning completion works.

Area C – Jaw Crushers

- **Client**: BHP Billiton
- **Scale**: $1.5M 5,000 man-hours
- **Location**: WA

Supply of materials and manufacture of two safety covers to replace the existing covers for two separate jaw crushers onsite.

Potable Water Tank Replacement

- **Client**: BHP Billiton
- **Scale**: $1.5M 6,408 man-hours
- **Location**: WA

Installation of two new potable water header tanks to replace existing tanks including installation of a new HDPE pipeline from the new tanks tying back to the existing potable water network. Scope included all earthworks, concrete works, structural, mechanical and piping, electrical and instrumentation and commissioning.

A detailed list of previous projects and case studies can be supplied if required.
### Project Case Studies

#### Area C – Shut Crib Facilities
- **Client**: BHP Billiton
- **Scale**: $1.5M, 6,565 man-hours
- **WA**
- Supply and installation of two new portable 14.2m x 8.4m buildings inclusive of verandas, footpaths, bus lane and ice room as well as connection to existing sewer, water and electrical services.

#### Area C – New Explosive Magazine Facility
- **Client**: BHP Billiton
- **Scale**: $1.5M, 6,565 man-hours
- **WA**
- Design, supply, construct, and commission of a new Explosive Magazine Facility including demolition of the old facility. Scope involved detailed design, civil, earthworks and concrete, structural and electrical works.

#### Area C – Sample Lab Demolition
- **Client**: BHP Billiton
- **Scale**: $0.4M, 1,354 man-hours
- **WA**
- Perform demolition and removal of a number of existing buildings which formed a redundant Sample Lab Facility located within the main OHP.

#### Area C – MEM and Boilermaker Workshop
- **Client**: BHP Billiton
- **Scale**: $3M, 21,400 man-hours
- **WA**
- Installation of stair tower concrete slab and structure as well as the fixed crane access platform and crab platform. Install and modify crane electrical isolations and install all electrical works. Supply and install new overhead 15/ST bridge crane and associated support and access structures.

#### Cloudbreak Tank 239 Replacement
- **Client**: Chichester Metals Group Ltd
- **Scale**: $1M, 3,200 man-hours
- **WA**
- Demolition of an existing 1.4ML process water tank and replace with a new tank. Centrals carried out these works over 1.5 weeks with a day and night shift crew and this scope included the complete demolition and remediation of the base of the tank and the tank install.

#### The Islands Oceanfront Residential Development
- **Client**: Blue Ocean Enterprises
- **Scale**: $3.1M, 12,000 man-hours
- **WA**
- Redevelopment of a North Coogee lot to accommodate 24 survey strata lots. The scope involved extensive demolition, earthworks, retaining walls, roadworks and public open space including provision of all labour, plant and materials, engineering and construction.

#### MC254 Drainage Improvements Project
- **Client**: BHP Billiton
- **Scale**: $1M, 3,670 man-hours
- **WA**
- Design, supply, construct and commission of water drainage improvement system to the tail end of Conveyor MC245, including new drive-in Siltation Sump, Pit and Slurry Pump. Included Civil, Mechanical, Structural, Electrical and Instrumentation.

#### Bunbury Port Authority – Shutdown Remedial
- **Client**: Southern Port Authority
- **Scale**: $1.3M, 6,000 man-hours
- **WA**
- Centrals were engaged by our client on several occasions to perform shutdown remediation works on the port berths, piles, beams and concrete structures.

#### OHP1 Plant and Fire Water Tank
- **Client**: BHP Billiton
- **Scale**: $4.5M, 7,320 man-hours
- **WA**
- Design, supply, construction, installation, testing, integration and commissioning of a new industrial water tank (TK13) and associated pump sets, piping, valves, instrumentation, and support infrastructure for OHP1.

#### Cloudbreak Tank 239 Replacement
- **Client**: Chichester Metals Group Ltd
- **Scale**: $1M, 3,200 man-hours
- **WA**
- Demolition of an existing 1.4ML process water tank and replace with a new tank. Centrals carried out these works over 1.5 weeks with a day and night shift crew and this scope included the complete demolition and remediation of the base of the tank and the tank install.

#### Wodgina Mine Site Concrete Works
- **Client**: Crushing Services International
- **Scale**: $15M, 163,764 man-hours to date
- **WA**
- Placement of all concrete including installation of all cast in embedments, formwork and reinforcing for: crushing and screening stations; conveyor systems; fines stacker; flotation circuits; storage sheds; substations; pipe and cable racks; and water storage tanks. Estimated project completion June 2019.

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A detailed list of previous projects and case studies can be supplied if required.
We have experienced personnel and equipment Australia-wide ready for your next project.