

# Capability Statement

27 Aug 2019

## Central Systems Pty Ltd



### INDUSTRIES SERVED

CONSTRUCTION &  
ENGINEERING

MINING

OIL, GAS & ENERGY

## Company Details

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**ICN Gateway Company ID:** 89760

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**ABN:** 12 107 284 319

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**Locations:** 3

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**Works in Remote Locations:** Yes

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## Contacts

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We offer a full suite of construction services as well as ancillary and maintenance services across all disciplines from heavy civil and concrete to SMP as well as E&I.

## Summary

Centrals deliver a range of multidiscipline construction and maintenance services for clients in the Mining, Oil & Gas and Utilities sectors across Australia.

We offer a full suite of construction services as well as ancillary and maintenance services across all disciplines

from civil and building works to SMP and E&I services. 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.

## Description

We offer a full suite of construction services as well as ancillary and maintenance services across all disciplines from heavy civil and concrete to SMP 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  
Mineral Resources Limited  
IB Operations  
Woodside  
Newcrest  
Xstrata

Chevron  
AngloGold Ashanti

Our experience includes projects such as:

Wodgina Lithium Mine  
Mining Area C  
Pluto LNG  
Gorgon LNG  
Solomon Iron  
Boddington Gold Mine  
Tropicana Gold Mine  
Sino Iron  
Cadia East Gold Mine  
Roy Hill Bridges  
Roy Hill Mine Maintenance  
Northstar Magnetite Project

## Associations

- > Concrete Institute of Australia
- > Australia Concrete Repair Assoc

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## Products & Services

- > Civil & Concrete Construction
- > Structural, Mechanical, Piping & Tanks
- > Electrical & Instrumentation
- > Non-Process Infrastructure
- > Remedial Works
- > Planned Maintenance

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## Accreditations

- > ISO 9001 - Quality Management System
- > AS/NZS 4801 - Safety Management System
- > ISO 14001 - Environmental Management System
- > Federal Safety Accreditation

## Industries Served

- > Construction & Engineering
- > Mining
- > Oil, Gas & Energy

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## Facilities and Equipment

- > 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:
  - > 27,500m in Bibra Lake, WA;
  - > 7,500m in Newman, WA
- > Our fleet includes:
  - > Cranes ranging from 20 tonne frannas to 130 tonne all-terrain units.
  - > Concrete boom pumps ranging from 36 to 43 metres.
  - > Concrete line and trailer pumps for most applications.
  - > 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

## Major Clients

- > AngloGold Ashanti
- > BHP Billiton
- > BP Australia
- > CB&I
- > CBH Group
- > Chichester Metals Pty Ltd
- > CPB Contractors
- > Decmil
- > FMG
- > IB Operations
- > MCC
- > Mineral Resources Limited
- > Monadelphous
- > Naval Ship Management
- > Newcrest
- > Rio Tinto
- > Samsung C&T
- > Thiess
- > United Group Limited
- > VDM
- > Water Corp
- > Xtrata

## Previous Significant Projects

**2019**

**OHP Plant and Fire Water Tank  
\$2,000,000**

**Client: BHP**

Execute the design, supply, construction and installation, testing, integration and commissioning of a new process and fire water industrial tank (TK13) and associated pump sets, piping, valves, instrumentation, and support infrastructure for OHP1, and integrate into the existing Tank TK12 water system with the capability to act both as a dual tank system or individually.

**2018**

**New Explosive Magazine Facility  
\$1,500,000**

**Client: BHP**

Critical planning was required for the temporary storage utilising REMs of stock explosive boosters and detonators whilst relocating the existing permanent explosive magazine storage units from the 'A' Deposit Facility to the newly constructed Explosive Magazine Facility location, to ensure Mining production could continue without disruption. Once the New Explosive Magazine Facility was operational, the old facility was demolished.

**2017**

**Barrow Island - Labour Hire  
\$15,000,000**

**Client: Leightons/CPB Contractors**

Centrals were engaged on a labour and plant hire basis to provide supervision and direct labour as required. Roster for personnel was a 26/9.

Direct workforce trades were civil based with the provision of steelfixers, plant operators, concreters, formworkers, labourers and trades assistants. Centrals also provided a project superintendent and three supervisors for different work areas.

**2019**

**Wodgina Mine Site Concrete Works  
\$35,000,000**

**Client: Mineral Resources Limited**

Execute the work package for the placement of all concrete including installation of all cast-in embedments and supply and placement of all formwork and reinforcing for the concrete for the following structures:

Primary, secondary and tertiary crushing stations; Dry screening station; Plant conveyor systems; Fines product stacker; 3 Flotation Circuits including thickener tanks, ball mills, storage shed slabs, substations, pipe and cable racks, water storage tanks.

**2018**

**Sample Lab Demolition  
\$400,000**

**Client: BHP**

BHP engaged Centrals to perform demolition and removal of a number of existing buildings which formed a redundant Sample Lab Facility located within the main OHP at BHP's Mining Area C.

**2017**

**Area C Boilerbay & Workshop Fixed Platform  
Expansion  
\$3,500,000**

**Client: BHP**

Retrofit & install new stair tower, fixed access platform and service platform to the workshop. Expansion to existing boilerbay workshop including supply and install new overhead crane, relocation and expansion of utilities eg raw water, potable water and compressed air, provision of fume and dust extraction, supply and install new power distribution board, revision of existing lighting system and associated demolition, recladding, cabling, testing & commissioning works.

2017

**Cloudbreak Tank 239 Replacement  
\$800,000**

**Client: Chichester Metals Pty Ltd**

The Project involved the demolition of an existing 1.4ML process water tank located within the scrubbing and de-sanding facility which had structurally deteriorated beyond repair, the remediation and reinstatement of the internal earthworks required to enable the installation of a new replacement tank in the same location, the prefabrication of a replacement process water tank, and the installation and commissioning of the replacement tank.

2017

**Kwinana Ash Dam  
\$400,000**

**Client: Synergy**

Engaged by Synergy to carry out works to an existing Ash Dam at the Kwinana Power Station due to a change in the required use of the dam. The HDPE liner was a minimum of 2mm thick with a yield strength of 29 N/m.

2016

**Jaw Crusher  
\$2,500,000**

**Client: BHP**

Removal of the existing safety covers at Jaw Crushers CJ201 and CJ01, located at Mining Area C, E Deposit and OHP1 and the installation and commissioning of new replacement remotely actuated / controlled safety covers.

2016

**Potable Water Tank Replacement  
\$2,000,000**

**Client: BHP**

Installation of 2 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.

2017

**Bunbury Port - Berth 8 Repairs  
\$1,500,000**

**Client: Southern Ports Authority**

The works described are part of the concrete remedial works package located at Berth 8 at the PoB. The scope of work included the supply of all labour, plant and equipment and materials to complete the following works: Rectification of sill beam defects at 42 pile locations (each side of each pile) due to rear concrete sill beam bearing failures over supporting pile caps in addition to varying degrees of concrete splitting and spalling to the sill beams.

2016

**Area C Shut Crib Facility Design & Construct  
\$1,000,000**

**Client: BHP**

Design & Construct Shut Room Facility to cater for shutdown personnel for shuts occurring at OHP & Area C inclusive of civil works (earthworks, concrete, survey), mechanical, electrical, complexing and commissioning works.

2016

**North Star Shutdowns  
\$3,500,000**

**Client: IB Operations (FMG)**

After successful completion of the Northstar Magnetite Process Plant SMP Installation project, IB Operations engaged Centrals to perform monthly shutdown works to various parts of the plant.

**2015****MAC In Pit Industrial Facilities  
\$6,500,000****Client: BHP**

Design, procurement and installation of new personnel amenities. Duplicate facilities were installed at two separate locations at the eastern and western hubs of the mine.

**2015****North Star Process Plant SMP Install  
\$80,000,000****Client: IB Operations**

Supply manufacture, install, construct and test and commission of process plant. Install of high pressure rollers, air classifiers, dry & wet mag separators, thickeners, filters & several pumps.

**2015****Welshpool Workshop Upgrade  
\$8,500,000****Client: BHP**

Power upgrade, paint and wash facility upgrade, fire water system upgrade. Includes de-commissioning, demolition, supply and install, commissioning, and testing.

**2014****Cadia East Surface and Underground  
\$90,000,000****Client: Newcrest Mining Ltd**

Concrete placement to underground crushers and conveyors including Concrete, detailed excavation and bulk earthworks, and placement of in-ground services for new ball mill, reclaim tunnel and non-process infrastructure at Orange.

**2016****Roy Hill Crusher Remediation Project  
\$3,500,000****Client: Tenova TAKRAF**

Centrals was engaged by the Vendor of the Crusher Lines in the Roy Hill Mine to perform structural modification to correct and strengthen after critical failures and damage caused during commissioning of the crusher line systems (including Feed Hopper, Apron Feeder, Primary & Secondary Sizers, Vibrating Screens and associated structures). Modifications were required on three separate crusher line systems located with two ROM's.

**2015****Solomon CV704 & Simpsons Drive HV  
Overpasses  
\$9,500,000****Client: FMG**

Management and construction of the new Conveyor Overpass's which consisted of roadworks, earthworks, concrete construction, mechanical equipment installation and electrical works including commissioning.

**2014****Boddington Gold Mine  
\$90,000,000****Client: Newmont (AKCMR)**

Civil and concrete works for the flotation and leaching areas including concentrator thickener, tailings leach tanks, tailing thickeners, lime storage, reagent stores and MCC/gold room.

**2014****CBH Albany Grain Silo Repairs  
\$7,000,000****Client: Cooperative Bulk Handling (CBH)**

Extensive concrete repairs to the 10,000T grain storage silos at CBH's Albany Port Facility. Scope includes hydrodemolition, reinforcing steel repair/preparation, concrete reinstatement and 10,000m<sup>2</sup> of protective coating.



2014

**Dampier Cargo Wharf Refurbishment**  
**\$5,000,000**

**Client: Dampier Port Authority (DPA)**

Design and construct contract to refurbish the Dampier Cargo Wharf deck near Karratha. Scope includes hydro demolition, reinforcing steel, grout/concrete placement in a full operational environment.

2014

**Gorgon CO2 Pipeline Crossing**  
**\$10,000,000**

**Client: Monadelphous KT**

Installation of a 7.3km underground DN300 pipeline for injection of dense phase CO2 including site preparation and installation of well cellars 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.

2014

**Jimblebar Ammonium Nitrate Storage**  
**\$7,000,000**

**Client: VDM Group**

Civil earthworks and concrete works to the Jimblebar ammonium nitrate storage building, HE detonator and magazine facility, diesel/emulsion storage facility and transportable offices.

2014

**Mt Whaleback TLO - Flow Enhancement**  
**\$3,000,000**

**Client: BHP Billiton Iron Ore**

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.

2014

**Ernest Henry Mine**  
**\$10,000,000**

**Client: Glencore (formerly Xstrata)**

Scope of works is the civil works associated with the installation of a new Primary Crusher and associated fixed underground infrastructure in the Ernest Henry Underground Mine.

2014

**Gorgon LNG Tanks**  
**\$150,000,000**

**Client: CB&I**

The scope of works include the construction of two 180,000 cubic metre full containment concrete LNG (Liquefied Natural Gas) tanks, each one eighty five metres in diameter. Also four condensate tanks, each one being sixty metres in diameter.

2014

**Granny Smith Gold Mine**  
**\$5,000,000**

**Client: Barrick Gold Ltd**

Construction of a new mine near Kalgoorlie including primary and secondary crushing circuits, reclaim tunnel, screening area and associated conveyors, ball mill, CIL area and thickeners.

2014

**Mt Isa Mine Upgrade**  
**\$30,000,000**

**Client: Xstrata Zinc**

Centrals was engaged by Xstrata Zinc for this 12 month contract. Scope of work includes construction of Ball Mill and Flotation Foundations including 50,000m<sup>3</sup> of structural fill and 7,000m<sup>3</sup> of concrete works.

2014

**Roy Hill NPI**  
**\$10,000,000**

**Client: Brookfield Multiplex**

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 etc.

2014

**Roy Hill Project**  
**\$50,000,000**

**Client: Samsung C&T**

Initially engaged to provide Logistical and Procurement support for the Completion Works at the Roy Hill Mine Processing Plant. Subsequently engaged to perform numerous scope for construction and commissioning completion works.

2014

**Solomon OPF's and Crushing Hub**  
**\$200,000,000**

**Client: Fortescue Metals Group**

Complete structural concrete construction for new ore processing facilities and 3 crushers including RE walls, earthworks and concrete construction for CID and BID plant, crusher foundations and associated equipment.

2014

**Tomingley Gold Project**  
**\$5,000,000**

**Client: Mintrex (Alkane Resources)**

The Tomingley Gold Project is located in the Central West Region of NSW, 50km south of Dubbo. Centrals scope included all earthworks and concrete placement associated with the ROM pad, primary crushing, thickening and leaching areas.

2014

**Nelson Point - LRP3 Remedial Works**  
**\$5,000,000**

**Client: BHP Billiton Iron Ore**

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.

2014

**Roy Hill Rail Bridges**  
**\$100,000,000**

**Client: RHIO (Samsung C&T)**

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.

2014

**Solomon Kings Valley Overland Conveyors**  
**\$20,000,000**

**Client: Fortescue Metals Group**

Scope included 3 conveyor systems, each involving structural, mechanical, piping, belt and electrical installations at the Solomon iron ore mine near Newman in the Pilbara region.

2014

**Telfer CIL Tank Refurbishment**  
**\$6,000,000**

**Client: Newcrest Limited**

Complete removal of existing glass flake coating from the internal of six CIL tanks using UHP abrasive blasting. Onsite fabrication and repairs, blast / preparation and application of protective coating to six CIL tanks.

**2014**

**Whaleback Water Filling Stations  
\$3,000,000**

**Client: BHP Billiton**

Upgrade of four existing water cart filling stations including supply, construction, testing and commissioning of HV dust suppression tanker standpipes in four locations at the Mt Whaleback mine site near Newman in WA's Pilbara region.

**2014**

**Tropicana Gold Mine Construction  
\$40,000,000**

**Client: AngloGold Ashanti**

Construction of a new mine near Kalgoorlie including primary and secondary crushers, reclaim tunnel, screening area and associated conveyors, ball mill, CIL area and thickeners.



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