



Central Systems
Civil & Remedial Construction Services

[www.centralsystems.com.au](http://www centralsystems.com.au)



Capability Statement



About Central Systems

Central Systems is a leading provider of civil and remedial construction contracting services to the mining & resources, energy, infrastructure, manufacturing, industrial and commercial sectors in Western Australia.

As a privately owned, Western Australian based business employing more than 90 staff, our extensive project capabilities and experienced workforce has allowed us to continually grow our business and achieve an enviable track record for precision and quality of workmanship.

In recent years, we have secured numerous contracts in the resources industry alone with key clients such as Rio Tinto, Woodside, BP, BHP Billiton and the Dampier Port Authority. During this time, Central Systems has gained significant experience working on key national projects including the expansion of the LNG industry, accelerated growth requirements of iron ore infrastructure and upgrading of shipping ports and rail terminals.

Our Values

At Central Systems our core values revolve around safety, reliability and quality of service delivery to our Clients.

We believe and foster the following values as a company:

- Integrity and transparency in all we do
- Strong client focus
- High performance workforce
- Measurable results
- Flexibility in operations
- Being an employer/contractor of choice
- Provision of a safe work environment
- Continuous improvement culture & philosophy
- Protection of people above all else
- Care for the environment

Key Information

Company Name	Central Systems Pty Ltd
Head Office	46 Edward Street, Osborne Park, WA 6017
	Tel. (08) 9443 2928
	Fax. (08) 9443 2926
	Email. info@centralsystems.com.au
Postal Address	PO Box 1198, Osborne Park BC, WA 6916
Website	www.centralsystems.com.au
ABN.	12 107 284 319
Date Commenced	December 2003
Staff	90+



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Our ability to provide diverse quality solutions, that are safe and reliable is second to none.

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Our Core Capabilities

Central Systems core capabilities revolve around the need to perform civil and remedial contracting work in tight timeframes without the compromise of reliability and safety.

Our key service delivery focus is to:

- Work with our Clients to design and provide quality solutions to deliver safety, cost, schedule and quality in line with our leading reputation.
- Offer flexibility to our Clients to help them reduce maintenance costs and downtime.
- Provide our Clients with professionally managed services and systems which complement their own capabilities, requirements and expertise.
- Offer a “whole of life” civil contracting service, from new concrete construction to protection, remediation, and ultimately demolition and replacement.

Management Systems

Central Systems operates in accordance with the company’s integrated management systems and is accredited to ISO9001:2008 (Quality) and AS/NZS 4801:2001 (Safety). We are currently working towards ISO14000 (Environment) accreditation and expect to achieve this imminently. As a company we are fully committed to continuous improvement throughout all levels of our Organisation.

Protection of People

With a true commitment to the value of protecting the health and safety of our employees, clients and suppliers before anything else, Central Systems has the track record to demonstrate our conviction. In 2009, after working more than 88,000 man-hours we had no lost time injuries recorded and this trend continues into 2010.

The Environment

Central Systems is proactive in our duty of care to ensure our entire operations reflect both legislative and community standards in providing a healthy environment. We ensure through our integrated management systems that all work sites are maintained to prevent unacceptable risks to our employees and the environment. Our goal is to continually achieve standards of environmental performance that clearly demonstrate our commitment to environmental care above current statutory requirements.

Industrial Relations

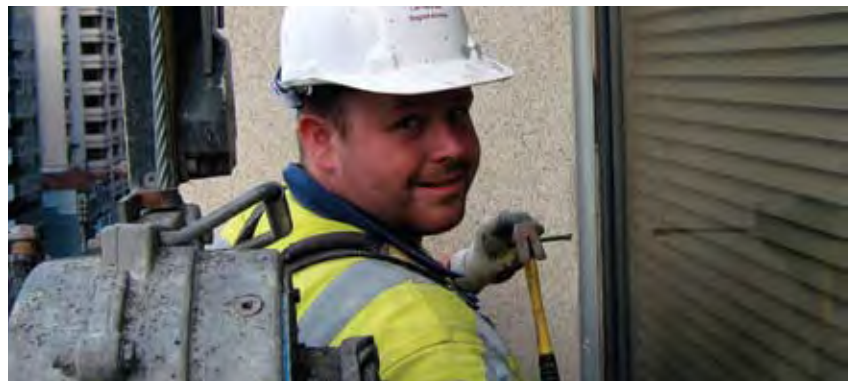
Central Systems has a record of “nil” lost time from industrial action or dispute, which has been directly caused by Central Systems. Central Systems has a strong HR focus and the correct selection of industrial instruments is always made in conjunction with our Clients. We have a proactive approach to industrial relations strategy, which contributes to achieving successful outcomes.



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Our continuous improvement philosophy drives regular reviews and improvements based on the dynamic industrial climate.

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Our record of industrial harmony is achieved from ongoing communication with our Clients and Employees along with specialist recruitment practices.

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Our Key Services

Civil Construction

Central Systems offers a full suite of civil construction services including detailed earthworks, in-ground services, in-situ concrete construction, formwork manufacture and precast structural concrete.

Our Management team has extensive experience in delivering civil packages for the Mining, Oil & Gas, Infrastructure and Building sectors utilising direct labour, plant & equipment and materials in the following areas of expertise:

- Detailed Excavation & Backfill
- Reinforcing Steel Placement
- Construction Equipment Hire (Wet)
- Formwork & Access Systems
- Concrete Placement & Curing
- Industrial Building Construction

Our key focus in relation to civil construction is the timely and cost effective execution of structural concrete packages and associated works. We have the people, systems and equipment to undertake major foundations and structural concrete including footings, equipment bases, plinths, pedestals, ground slabs, walls, suspended slabs, columns, tilt panels and much more.

Construction Services

Central Systems offers a comprehensive range of specialist construction services to civil and mechanical contractors and builders as follows:

- Precision Grouting
- Waterproofing
- Protective Coatings and Linings
- Joint and Injection Sealing

Our project management teams have developed high levels of technical knowledge and onsite project experience to deliver integrated service packages in the resources, infrastructure and industrial construction sectors. We offer a full design and installation service with accredited testing and reporting of critical elements.

Central Systems utilises highly trained and skilled labour with specialised equipment knowledge and offers a range of innovative material selections to deliver complex project solutions. Our teams are fulfilling key project roles in the construction of power stations, LNG Plants, Chemical Manufacturing Facilities, Iron Ore Processing and Handling Projects, Road and Rail Bridges and Jetties and Wharfs.

Remedial & Protective Services

Central Systems has an outstanding reputation for providing high quality repair, rehabilitation, corrosion protection, asset inspection, durability assessment, defect diagnosis and maintenance in order to protect and extend the life of buildings, structures, infrastructure and industrial assets.

Our expertise extends to all types of concrete and steel structures in commercial and industrial buildings, civil construction, oil and gas, mining and minerals processing, marine structures, food processing and water infrastructure assets.

Our areas of expertise include:

- Asset Inspection & Condition Assessment
- Concrete Repair & Protection
- Structural Strengthening
- Acid & Chemical Proofing
- Waterproofing & Joint Sealing
- Steel Reinforcing Repair
- Precision Grouting
- Protective Coatings & Flooring/Linings
- Cathodic Protection

We understand that the need to perform remedial work in tight timeframes cannot compromise safety and reliability. We also know what it is like to be on site and under pressure to get projects finished in less than optimal conditions. This is why we have assembled an exceptional team of Project Managers, Supervisors and Field Applicators to ensure Central Systems continues to achieve excellence in the design and reliability of our remedial service solutions.

Our Key People

Position	Name	Experience
Managing Director	Richard Eden	For over twenty two years, Richard has worked in the maintenance and construction industries across Australia and has held senior management and directorship roles in several major contracting companies in recent years. With a strong focus on solid contract and business management and a commitment to excellence in client service, he brings a broad range of experience to the boardroom from the mining, oil & gas, government, utilities and defence sectors including construction, maintenance and facilities management contracting.
Director, Services	Ivan Ruefli	Ivan has more than twenty years of experience in the Civil, Marine, Residential and Commercial Construction Industries. This experience is founded on formal training in Civil Earthworks in the US Military, a Bachelors Degree in Science and a Masters Degree in Project Management. He has successfully managed major projects in Australia and overseas and has technical expertise in the specification and application of rehabilitation solutions for many types of structures.
Director, Construction	Gary Reid	As part of the change in shareholder group, Gary Reid joined the Central Systems board as the Director responsible for Construction projects. Gary has over 20 years experience in civil and concrete projects for the infrastructure, commercial building, mining and oil & gas sectors in Queensland, North Territory and Western Australia. Having worked his way up from the tools he is intimately experienced in every aspect of civil and concrete construction which underpins more than 10 years of experience as a Site/Project Manager on packages up to AUD\$150M. Regarded by his peers as one of the most driven and successful civil/concrete project managers in WA, he is a welcome addition to Central Systems to oversee the projects of our Construction division.
Financial Controller	Paula Phillips-Prescott	With over twenty years in private enterprise in Australia, Canada and the UK, Paula provides extensive expertise and experience in financial and management accounting. Qualified to Certified General Accountant (Ont) L5, she leads the finance and administration team for Central Systems having held senior accounting positions for a number of manufacturing, engineering, services and construction organisations.
Commercial Manager	Keith Wood-Gush	Keith commenced with Central Systems in December 2006 and has over 20 years of experience in the commercial realm which includes extensive experience in commercial contract and project management as well as the development and implementation of Quality Management Systems. Keith has successfully worked on many key projects for Central Systems including the Garden Island Bridge Rejuvenation project for the Department of Defence and the Installation of Grout Works for Woodside at its Pluto LNG facility in the Pilbara.
Business Development Manager	Jason Dagg	Having joined Central Systems in 2002, Jason has over fifteen years civil and remedial construction experience, which he gained working throughout Australia and Asia. Jason is responsible for the management of the Central Systems pre-contracts department, where with his team, he manages the pre-contract process from enquiry through the tendering process to contract award. Jason's expertise is invaluable when dealing with the more complex projects, often involving durability and design consultancy. He has been instrumental in our success on projects such as Woodside's Phase 5 expansion and Pluto LNG Project.
Quality, Safety and Environment	Ian Brann	Ian commenced with Central Systems in December 2007. He has fourteen years in the Energy and Mining Construction industries, including working for Veritas DGC. Ian has worked in Quality Assurance and OH&S throughout his entire career and brings widespread experience to Central Systems. Ian has a certificate in occupational health & safety, a diploma in safety management and is a qualified training instructor.
Project Manager, Services	John Mai	John has twenty five years of experience in the Building and Construction Industries founded on formal training in Construction Management, Building Safety and Certification in Coating Inspection and Advanced Cathodic Protection. Throughout his career, John has successfully worked on major projects in the Resources, Industrial Processing and Building Maintenance Industries. He has a full scope of experience across the range of specialist contracting services offered to our clients.
Project Manager, Civil	Rohan Healy	Rohan brings widespread experience in the civil maintenance, concrete cancer reinstatement and large concrete placement. His career includes extensive mining, power generation, infrastructure and marine related civil projects. Starting his career on the tools, Rohan has spend the past ten years in senior supervisory and management roles, working on various concrete projects throughout WA and Perth metropolitan regions. He is responsible for various civil projects in Perth and the Northwest and is conversant with estimating, planning and site supervision.
Civil Engineer	James Miller	With a Bachelor of Engineering (Civil) and more than seven years experience in civil/concrete construction projects in New Zealand, Australia and the UK, James brings formal engineering expertise and hands on field engineering experience to the Central Systems team. His resume includes resource/mining projects in the Pilbara, power generations in southwest WA and infrastructure projects including concrete bridge and major drainage structures on the New Perth the Bunbury Highway.

Snapshot of our Experience

Client/Project	Description	Value	Duration	Completion
Sino Iron Project Cape Preston Alliance Subcontract with Cimeco Pty Ltd	Provision of management, labour and equipment to construction concrete foundations, plinths, pedestals, sumps, bunds and slabs as part of the construction of the Filter Buildings, Thickeners, Stacker & Reclaimers and Non-process building packages.	\$9M	10 Months	Feb 2011
Pluto LNG Grouting, Coatings & Jointing	Engaged to perform precision grouting of structural bases and critical equipment on Woodside's Pluto LNG project for Leighton contractors in May 2009. During the past year Central Systems has been appointed by United Group, Monadelphous, Decmil and CB&I Contractors as the primary supplier of critical grouting, protective coating and specialty civil concrete services. Our works included the design method, testing and placement of epoxy grout supporting the four main Gas Turbine Generators requiring more than 100m ³ of epoxy grout. Our current contact values on this site exceeded 8 million and continue to grow as the clients rely further on us to deliver civil services to the project.	\$8M+	Continuous	Ongoing into 2011
Barrick Gold ICMC Project Granny Smith Site, Stages 1 & 2	Undertake extensive concrete repair to existing slabs, ring beams, plinths, foundations and bunds including coatings and jointing. Construction of additional slabs, drains, plinths and bunds to upgrade the plant to the internal cyanide containment code. Removal and re-installation of all associated structural steel, S/S piping, HDPE piping, mechanical equipment, electrical cabling, instrumental, signage and labelling.	\$4.5M	6 months	August 2010
Spotless FM (Dept of Defence) HMAS Stirling High Level Bridge & Armament Jetty Refurbishment	Removal of existing coating to 20,000m ² of bridge surface, mostly on the underside of the bridge over the ocean. Application of Silane Creme to prepared surfaces and complete survey of bridge concrete defects and their subsequent repair according to the contract specification. Concrete repair, cathodic protection installation and protective coating application to bridge piers.	\$2.8M	15 Months	May 2008
Spotless FM (Dept of Defence) HMAS Stirling Low Level Bridge Refurbishment	Complete survey of bridge concrete defects and their subsequent repair according to the contract specification. Concrete protective coatings application. Installation of additional steel structural supports to the underside of the bridge. Steel surface preparation and protective coatings application. Installation of approx 6000m ² concrete overlay to existing bridge structure. Removal and replacement of the three hundred meter bridge section of Garden Island water main and high voltage electrical cable supply lines.	\$2.5M	6 Months	March 2008
Dampier Port Authority Dampier Wharf Remediation Works	Central Systems secured an ongoing 5 year contract with the Dampier Port Authority with the objective of restoring and preserving the overall load capacity of the Dampier Cargo Wharf Deck. We have been engaged to design and implement structural remediation solutions to the concrete and steel within the structure. These works include hydro demolition, steel replacement & preparation and repair material placement. The project is now in its second year and is projected to run until 2014 with an anticipated total value of in excess of 2 million dollars.	\$2M+	5 years	October 2014
Leighton Contracting PLUTO LNG Facility	Minor works services contract. Installation of grout works - GTG base plate grouting	\$1.8M	8 months	Dec 2009
Monadelphous - BHP Billiton RGP 1 & 2 Car Dumper Refit Project	Substantial concrete repairs to the walls, vault and structural support beams. Resin injection and precision grouting of main trunnion sole plates and wheel locks. Protective coating and concrete remediation in areas where structural beams had been cut away to accommodate new mechanical equipment.	\$1.2M	12 Months	March 2007
BGC Contracting Dampier Salt Conveyor Project	Concrete protective coatings and repair to 12000 lineal meters of cracks in the concrete slabs at the Conveyor Upgrade Project. Also included grouting and joint repairs.	\$1.1M	4 Months	Dec 2004
Norilsk Nickel Cawse Nickel Acid Bund Upgrade	Removal and reinstallation of acid proof linings to the sulphuric acid loading facility and process tank facilities. Stripping of flexible linings from steel process tanks and installation of acid and abrasion protective linings.	\$900K	12 week	Nov 2008
MPDJV/ BHP Billiton RGP2 Under Harbour Tunnel (Finukane Island)	Leak sealing & Cathodic Protection. Repair of cracks in precast tunnel panels and pressure injection of polyurethane resin into panel joints and grouting holes in order to stop water ingress.	\$900K	3 Months	August 2007
Cimeco Pty Ltd (Barrick Gold) Plutonic Cyanide Compliance Project	Refurbishments of containment bunds and tank ring beams including concrete repair and complete installation of 1000m ² of containment lining.	\$850K	9 weeks	Nov 2008

Our Clients

Mining & Resources

Boulderstone Clough JV – Babcock & Brown - Barclay Mowlem – Beenyup Water Solutions – BGC Contracting – BHP Billiton – Black & Veatch Thiess JV – Brockway DiCom Facility – Castle Creek - CIMECO – Cimvec Construction & Engineering – Dampier Salt Ltd – Decmil – Degremont – Extrin Consultants – Fremantle Port Authority – Hamersley Iron – HWE Mining – Ingot Metals – John Holland – Kerman Contracting – Leighton Contracting – MacMahon Contractors – McConnell Dowell Constructors – Monadelphous Engineering Associates - Mincor Operations – Munda Fabrication – Norilsk Nickel – Pilbara Iron – Rio Tinto - Robe River Iron – St Barbara Ltd – Thiess – Transfield Services – United Group Resources – Worley Parsons - Woodside

Civil & Commercial Construction

Arcon (WA) Ltd – Atrium Homes – Australand – BCL Constructions – BGC Construction – BG&E Pty Ltd – Bocol Constructions – Boral Concrete – Bridan Projects – Broad Construction Services – Brookfield Multiplex – Building Solutions – Chippendale Design & Construction – Cimco – Dawson Construction – Dalcon Construction – DBM Contractors – Derwent Constructions – Devlyn Constructions – Gavin Construction – Georgiou Group – John D. Wholagan – JTB Construction – Mirvac – Pyramid Constructions – SBN Building Contractors – Subiaco Homes – VDM Group

Commercial & High Density Residential

Bankwest – Bathers Beach Pavilion – Bellcourt Strata Management – Big Rock Toyota – Burgess Rawson – Cable Beach Club Resort – Cape Mentelle Vineyards – Cascadale Holdings – Canon Australia – CB Richard Ellis – Colliers International – Dexu Funds Management – Knight Frank – Fairweather & Sons – Fortron Automotive Treatments – Grand Hotel Group – Hamelin Bay Resort – Hyatt Regency Perth – Hyde Park Management – Hawaiian Investments – Investa Property Group – Laing O’Rourke – Macquarie – Pagoda Hotel Broadwater – Perth Zoo – Raine & Horne – RAC – St John of God Healthcare – Seasons of Perth – Spotless – Tungsten – Uniting Church Homes – Vasse Felix –WA Newspapers – Xanadu Normans

Industrial

Airey Taylor Consulting – AGR Matthey – AGC Industries – Alstom Power – ARC Energy – Austral Ships – Bosich – Co-operative Bulk Handling – BP Refinery – Compass A/P Processing – Coogee Chemicals – FIRMA Industries – Joe White Maltings – Doral Fused Metals – Kleenheat Gas – Permacast – TGE Energy Services – Thermal Engineering – Toll Fleet – Top Taste – Trelve Engineering – Westrac Equipment – Westcom Consulting – Western Projects – WOMA Australia

Government & Infrastructure

Catholic Education Office – Central TAFE – City of Stirling – Council House – Curtin University – Department of Housing & Works – Dampier Port Authority – Department of Infrastructure & Planning – Department of Treasury & Finance – Department of Sport & Recreation – Hale School – Insurance Commission of WA – Newman College – Parliamentary Services Department – Perth College – St Mary’s Anglican Girl’s School – Sunset Coast Water – Town of Vincent – University of Western Australia – Water Corporation – W2W Alliance

For individual project references, please visit our Project Gallery at
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