



Capability Statement

ACOR Consultants



CONSULTANTS

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LET US INTRODUCE OURSELVES

ACOR Consultants was founded in 1997 by a group of engineering professionals working together with a truly unique set of personal and professional values, providing specialist multidisciplinary engineering consulting services.

From these humble beginnings, we are proud to have grown to be one of Australia's largest employee-owned engineering firms. With over 500 people nation-wide, we strive to work as One Team, One ACOR, putting our clients' needs at the forefront.

ACOR Consultants leverage our strong national network of trusted clients and collaborators to help our clients achieve their objectives, using our broad consulting capabilities to develop unique solutions to create value for our clients and ACOR.

Through our multi-disciplinary skills, experience and capability, ACOR has been actively involved in the creation of some of Australia's largest and most iconic projects. Our aim is to add value at every stage of a project by bringing together passionate, dedicated people who challenge, explore, and expand traditional thinking through a hands on approach.



OUR VALUES

We pride ourselves on having personal, caring, results-orientated relationships with our clients and staff and we believe this enables us to consistently add better value to clients.



Integrity



Passion



Courage



Excellence



Caring



Collaboration



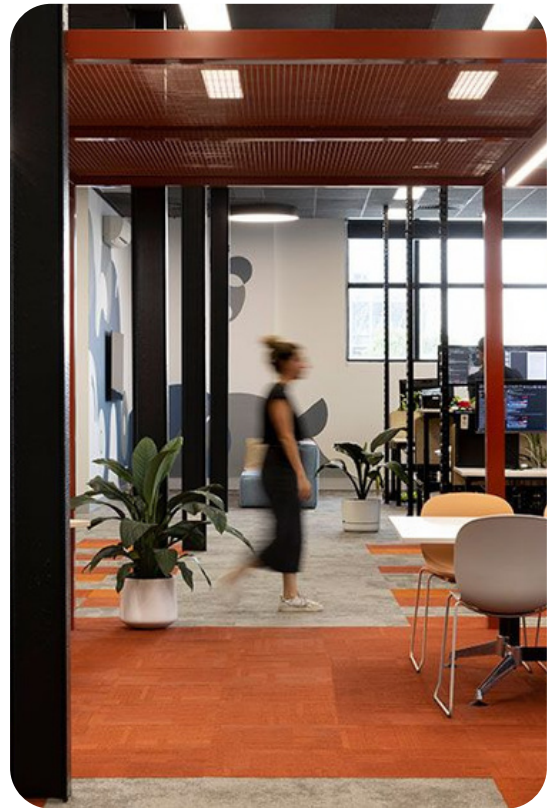
**Investing in the success of our clients and creating
an environment where our people thrive**

OUR DIFFERENCES ARE OUR STRENGTH

The diversity of our employees enables us to collaborate better, be more creative, achieve greater quality and innovate.

We value and support diversity and inclusion in our workplace and we want to continue building a culture that accepts and encourages our employees to bring all of themselves and their individual uniqueness to work.

Our clients, stakeholders and communities come from all walks of life and so do we. We have a number of initiatives to encourage greater diversity and inclusion.



We are proud to be an Equal Opportunity Employer, which means that we will not discriminate against employees based on their race, colour, religion, sex, national origin, age, disability, or genetic information.

We continue to identify ways in which we can further the careers and opportunities for women across our business and in leadership positions to ensure representation of women at all levels.

We also contribute to the annual Workplace Gender Equality Agency report on female participation and progression in our workplace.

OUR CORE

With a multi-disciplinary engineering capability that spans a diverse range of market sectors, ACOR Consultants has built many strong and trusted relationships, establishing a national network of key clients.

Our client's needs are at the core of everything we do – your success is our success.

We believe in strong relationships and a hands-on approach by passionate, committed people to deliver successful outcomes.



Sustainability



Government



**Social
Infrastructure**



**Energy and
Resources**



**Building and
Development**



Utilities



Technology

Sustainability

Sustainability is at the forefront of all ACOR design and engineering solutions. ACOR consults with clients to gain an understanding of the project's Environmentally Sustainable Design (ESD) requirements to provide a tailored approach, incorporating sustainability initiatives throughout the design and construction phases.

The main aim of sustainable design in a project is to reduce energy, water, and materials usage, minimise waste, increase the longevity of a building's life cycle and create a built environment which is accessible, safe, and healthy for occupants.

ACOR's role is to facilitate embedding sustainable initiatives across all aspects of project and services offered, where sustainability initiatives are at the forefront to reduce greenhouse gas emissions and meet net zero carbon targets by 2050.



OUR CORE

Government

Since the early 2000's, ACOR have been working on projects for Government agencies Australia wide. This has included projects involving Defence, Transport Infrastructure, and various commercial buildings – working with several departments such as Defence Australia, Roads and Maritime Services, the National Archives, and the Department of Mines, Industry Regulation and Safety.

ACOR understands the challenges of working in an aligned manner with organisations that are large, complex and of critical strategic importance. We are involved at all levels from the planning and delivery of major projects, to facilities maintenance projects and documentation.



Social Infrastructure

ACOR is committed to the delivery of world class Health Care, Education and Residential facilities in both the public and private sectors. Our experienced personnel bring a proven track record of multi-disciplinary services, offering a blend of stakeholder engagement expertise, knowledge of operations, constructability, staging, and the design and coordination of 3D documentation.

The provision of social infrastructure services is embedded in our portfolio and broader national capability. Our approach is underpinned by values that are integral to how we interact with our clients and each other. We investigate the local context, engage with stakeholders, and listen carefully to the client's aspirations to ensure we engineer solutions that are consolidated with the surrounding built form, community and environment.



OUR CORE

Energy and Resources



ACOR are one of Australia's leading Energy Consultants, specialising in design, risk, safety, and compliance. We also have significant experience in the provision of engineering services to the mining and resources industry. We understand the specific demands and environments within the Energy and Resources space and apply a broad spectrum of engineering and consulting disciplines to provide tailored solutions to meet our client requirements.

We work with our clients to find the best ways to meet the needs of their business, and have developed on-going, supporting relationships with companies such as PUMA Energy, BHP Billiton, Lendlease and Defence. Previous mining and resources clients include BHP, FMG, Rio Tinto and Xstrata.

Buildings and Development

ACOR have been delivering specialist engineering Building Services since 1997, across multiple sectors such as Commercial, Industrial, Residential and Recreational. Specialising in Mechanical, Electrical, Hydraulic and Fire Services engineering and Strategic Asset Management, our work includes large and medium scale projects, working alongside architects, developers, managing contractors, project managers, asset managers and facility owners.

We collaborate on complex building projects to deliver cost-effective, innovative and future-proofed results for our clients.



OUR CORE

Utilities

ACOR is dedicated to promoting sustainable, innovative solutions that are geared to local conditions, environments, and communities. Our strength lies in the timely provision of practical support and cost-effective design solutions, whilst our end-to-end support ensures safety in design during construction and operations.

Our Water Services Team is an accredited Water Servicing Coordinator for Sydney Water. We assist our clients in obtaining Section 73 Compliance Certificates and issuing building plan approvals for works affecting Sydney Water assets, combining civil, drainage and water into one, easily accessible service.



Technology

Innovation and Technology is embedded in our work culture and is fundamental to our approach. Our national Digital Innovation Group was established to adopt a holistic approach to our digital workplace strategy, whilst also identifying opportunities to add value to projects.

We continually modify our communication tools and management processes as well as our documentation and production systems to improve collaboration and better integrate our workflows. Our highly skilled, technical design and documentation specialists utilise 3D software, applying the latest technology to deliver engineering solutions that are sustainable, future-proof and cost-effective for our clients.



SERVICE OFFERINGS

Building Services

ACOR Consultants Building Services team provides engineering design capability in Fire, Mechanical, Electrical, Hydraulic and Acoustic Services. Across all services, we offer expertise in compliance, research, design and engineering services as well as support with planning, modelling, drafting and project management.

Our team have the technical expertise and experience to provide innovative and cost-effective design solutions that improve our client buildings and systems reliability, productivity and efficiency.



Acoustic



Electrical



Fire



Hydraulic



Mechanical



ESD

Environmentally Sustainable Design

Sustainability is at the forefront of all ACOR design and engineering solutions. We provide a tailored approach, incorporating sustainability initiatives throughout the design and construction phases.

Our aim is to reduce carbon and waste emissions, and the use of energy, material and water. ACOR support our clients in developing compliance strategies, managing statutory compliance and implementing industry benchmark requirements, including NCC Section J, Greenstar, NABERS, WELL.

SERVICE OFFERINGS



Civil Engineering

ACOR Consultants delivers specialist civil engineering design services for major infrastructure projects. These include airports, major road infrastructure works, large-scale subdivisions, business parks, campuses, and mixed-use precincts.

Specialist services include flood mitigation modelling, drainage, bulk earthworks, and site utility servicing.



Structural Engineering

ACOR Consultants provides structural engineering services for major building projects. Working alongside other engineering disciplines, our structural engineering team are specialists in 3D building modelling to design and test structural design requirements.



Remedial Engineering

ACOR Consultants provides remedial design work to rectify building defects and structural issues. Our specialist services include diagnosis and condition assessment, litigation support, specialist waterproofing of above and below ground structures, rehabilitation of strata and commercial buildings, facades, and civil structures.

Our multi-disciplinary engineering team delivers integrated design solutions that ensure smooth running of projects as well as outcomes which favour minimal cost and maximum capital appreciation. ACOR was recently engaged by the NSW Government in Project Remediate, an initiative to set the new standard in façade remediation.

SERVICE OFFERINGS



Water Services

ACOR Consultants offers expertise in Hydraulics, Flood Engineering and Water Services. Our Water Services team identify opportunities to remove unnecessary costs while ensuring that quality, reliability, performance, and other critical factors meet expectations.



We also deliver expert advice, design, and assistance in the management of development approvals specific to stormwater and flood mitigation, as we are an accredited Water Servicing Coordinator for Sydney Water, combining civil, drainage and water into one, easily accessible service.



Dangerous Goods Consulting

With the largest number of AIDGC recognised Dangerous Goods Consultants in Australia, ACOR's specialist Risk and Dangerous Goods team provides risk and fuel supply management services for companies and projects across all sectors. We have extensive experience in transporting, storing, and handling dangerous goods, fuels, or chemicals to ensure safe and cost-effective management of risks.

Other Services

Throughout all our projects, ACOR Consultants aims to be at the forefront of technology and innovation to provide cutting edge engineering solutions. These services include BIM and Protective Security.



CASE STUDIES

Ferry Wharves Upgrade Program

ACOR were engaged to provide the Civil Landslide Detail Design and documentation services for the proposed 26 wharves in the Ferry Wharves Upgrade Program Package 2.

ACOR was engaged to provide the Civil Landslide Detail design and documentation services for the 26 proposed wharves in this \$70m project. Our scope of consultancy included roadworks, guttering, stairs, lifts, pavements - all designed to enhance safety and the customer experience.

The Client

Roads and Maritimes Services



Service Provided:



Optus Stadium, Perth - WA



The Client

WA Government



Service Provided:

ACOR provided Dangerous Goods Licencing and Risk Assessment for the project which was managed by Brookfield Multiplex for the WA State Government.

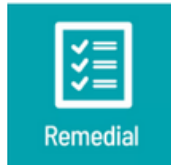
ACOR also facilitated Safety-In-Design workshops for the broader design and engineering teams in relation to Dangerous Goods Safety guidelines, hazardous chemical storage, Dangerous Goods loading docks and design of diesel generator.

CASE STUDIES

Coal Loader Site Remediation – NSW

The Client

North Sydney Council



Services Provided:



ACOR were commissioned by North Sydney Council in January 2015 to undertake site investigations and modelling to determine a suitable remedial strategy which would allow the historically significant Coal Loader site in Waverton to be restored and converted to a public recreation, museum and learning facility.

We provided remedial engineering consultancy services on the project and due to our in-depth knowledge of the site and client-side project management experience, our commission was expanded during the course of the construction phase to include superintendence of construction aspects.

In 2016 this project won the Australasian Concrete Repair Association (ACRA) Repair Industry Excellence Award

Dawn Fraser Baths - NSW

In 2017, ACOR was engaged by Innerwest Council to conduct a structural condition assessment of the Southern Pavilion in Dawn Fraser Baths at Balmain.

Our assessment revealed numerous major deficiencies and safety issues in the structure, enforcing a temporary closure to the facility. Since then, ACOR's Structural and Hydraulic teams have been working closely with TKD Architects, Innerwest Council and Belmadar (main contractor) on reconstruction of the entire building.

The Client

Innerwest Council

Service Provided:





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