

Your oil and gas solutions



Downer
Relationships creating success



**Relationships
creating
success**



Oil and gas solutions

We support oil and gas customers to maximise operational uptime in downstream, midstream and upstream production facilities.

Our experienced teams deliver a wide range of services that help customers with planning, building, maintaining and operating their facilities onshore and offshore.

Our services include:

- electrical, instrumentation and controls;
- structural and mechanical piping;
- lagging and cladding;
- insulation and coatings;
- scaffold erection;
- facilities services;
- project management, scheduling and resourcing;
- technical writing and workpack development;
- heavy lift studies; and
- specialist sub contract management.

We undertake these services in:

- construction;
- maintenance;
- turnarounds and shutdowns;
- sustaining capital projects; and
- engineering support.

Core values

The delivery of our services is supported by four pillars, which have evolved from our core values:

- safety;
- delivery;
- relationships; and
- thought leadership

In working with customers across the oil and gas sector we build trust by delivering on our promises with excellence while focusing on safety, value for money and efficiency.

Award winning delivery



Zero Harm is embedded in our culture and is fundamental to our future success.

Zero Harm means sustaining a work environment that:

- supports the health and safety of our people; and
- minimises the impact our business has on the environment.

We appreciate that Zero Harm is also a key deliverable for our oil and gas customers and were honoured to receive the Safety **Subcontractor of the Month** award in October and December 2015 from Bechtel for our work on the Chevron-operated Wheatstone Project at Ashburton North in Western Australia.

Bechtel, the principal downstream contractor, delivered the award under its Subcontractor Performance Evaluation program that involves reviews of performance across a range of criteria from environment, safety and health to quality, workforce availability, competency and scheduling.

Having delivered close to 695,000 man-hours onsite since September 2014, the award recognised our commitment to Zero Harm and our customers' success.





Photograph courtesy of Chevron Australia.

Construction

Our teams safely and cost effectively deliver construction services for LNG projects of any magnitude or complexity, greenfield or brownfield, including remote locations.

With over 50 years' experience delivering construction services for customers in the oil and gas sector, we have developed proven operational capabilities and an extensive resource base that enables our teams to successfully deliver construction services for customers operating major hazard facilities in any location across the Asia-Pacific region.

Our solid understanding of the specific requirements of this sector, including strict adherence to health, safety and environmental requirements, is key to our successful delivery and underpins our engineering, procurement, construction and commissioning services.

We are currently providing services to the majority of LNG and hydrocarbon projects under construction across Australia including: the ExxonMobil project in Victoria; upstream LNG field services in Queensland for Santos and Origin Energy; and the Chevron-operated Wheatstone and Gorgon projects in Western Australia.

Project management

With a deep understanding of the time and costs associated with construction projects and turnarounds, our project management focus is to deliver construction services safely, cost effectively and in the shortest practical timeframes.

Our in-house developed systems enable our teams to effectively manage the resources and equipment to get the job done on projects of any size and scope.

Construction

Our construction services encompass the installation and commissioning of scopes of work including:

- civil;
- mechanical;
- structural;
- piping;
- electrical;
- access; and
- instrumentation and controls.

Our balance of plant capabilities extend to roads, camps, water treatment, communications and power generation, transmission and distribution.

We also deliver specialist construction services including vessel inspection and catalyst loading, marine works on LNG load out jetties, cryogenic insulation, and expert rope access installations.

Turnarounds

Supporting operational uptime for customers is a key goal. We have the resources to carry out all aspects of major plant turnarounds. These include initial planning and scheduling, resourcing, mobilisation, execution, monitoring, safety and environmental management, procurement and subcontractor management, through to performance testing, commissioning and handover.

Our systems, tools and procedures manage the resources and equipment to ensure turnarounds are delivered safely, on budget and within the committed schedule.

Fabrication and modularisation

In addition to managing all elements of fabrication we construct modular units for major oil and gas construction projects. This solution generates substantial savings through optimising the benefits of HSE, time and cost, and the flow-on reduction in the number of resources required on site.





Our Promise

To work closely with customers to help them succeed, using world leading insights and solutions.

Maintenance

For over 50 years Downer has provided maintenance support services for oil and gas upstream, midstream and downstream production facilities.

Today our services include:

- planning through CMMS integration and support;
- technical writing and job pack development; and
- skills for SMP, E&I, corrosion, insulation and scaffold erection.

We deliver these services for maintenance shutdown and sustaining capital projects across Australia.

Most recently we were awarded the major maintenance scope for the ConocoPhillips operated Darwin LNG facility. This new contract will see Downer support planning and management of the 2017 shutdown and provide all ongoing maintenance services to the LNG assets.

In Queensland we deliver services for refineries, converting them from production to storage terminals. In Victoria we have been working at the Altona refinery for over 30 years delivering E&I and specialist electrical services. We have also undertaken redevelopment of the Yolla platform for Origin in the harsh Bass Strait environment. In Western Australia we have been working on the Woodside Karratha Gas plant for the Karratha life extension project.

We are experienced in the **maintenance of oil and gas assets across Australia** and have the geographic reach to support **onshore and offshore assets**. Our considerable resource levels allow us to reach into our organisation and provide experienced, competent and trained support staff to execute the works required.

People

In managing our people we have strong systems to ensure training and competency to undertake the work requested. Whether it is to NOPSEMA standards or site requirements, our learning and development teams develop and manage the skills requirement for site.

Our recruitment and industrial relations teams understand the Australian environment and how we work across regions to find and manage people. In retaining our people, our safety standards and familiarity with our customers' systems helps to improve the efficiency of our delivery and industrial stability for our customers' operations.

Controls

Whilst we understand that people are key to the services that we offer, we also understand the project controls, management plans and structures in which they operate are critical to success. The project management systems that we employ are part of the Downer training program which educates employees from frontline leaders through to senior managers.

Systems

With strong project management skills and the right people to undertake the work, Downer is successful in the delivery of maintenance, turnarounds and sustaining capital projects. Having recently being awarded the major maintenance services contract with ConocoPhillips, it is our experience across people, systems and controls that will be fundamental to the delivery of the contract.

We continue to expand our maintenance services to LNG customers and are proud of our people, in delivering success for customers.



*Photo of Pluto LNG Onshore Gas Plant,
courtesy of Woodside.*



Relationships creating success

Our experience in delivering services to oil and gas customers across the region ensures that we understand what's important to their success.

We work hard to create and sustain valued relationships that enable our teams to fully understand, predict and deliver solutions that turn possibilities into reality for our customers.

In delivering services to Bechtel Australia for a Curtis Island LNG project in Queensland, it was our safe and successful execution of work packages combined with strong relationships with the onsite Bechtel team that enabled us to expand our initial scope and help the project achieve practical completion milestones.

A significant project for Downer, our onsite team of 267 people delivered a total of 422,400 hours.

Our original scope of work was installation of the communications system designed and supplied by ABB. Through the successful execution of this work we were asked to price and undertake further scopes including train 1 and 2 lighting and site wide street lighting. All up we installed 245,000 metres of cable, 9,900 terminations and 39,500 metres of cable support.

Our ongoing involvement enabled the Bechtel team to stay focused on the critical path to deliver the project.

In recognition of our commitment Bechtel hosted several onsite barbecues for the project teams. These provided great opportunities to strengthen relationships, celebrate good performances and the successful completion of key stages.







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