

Opportunities for Australian Enterprises

For companies
interested in operations,
maintenance and
facilities management of
Australian LNG Facilities



Industry Capability Network

ACKNOWLEDGEMENTS

LNG Operators

To obtain an understanding of the various methodologies that can be used to maintain an LNG facility, Industry Capability Network (ICN) made contact with all companies currently operating or constructing Australian LNG plants. ICN would like to acknowledge the companies listed below for their time and the valuable information provided by them that allowed the development of this report.



Contract Providers

ICN contacted contract providers seeking their advice on the goods and services that may be required from external sources to supply the notional operational and maintenance work scopes listed in this report. ICN would like to acknowledge the contract providers listed in the Appendix for their time and the valuable information provided by them in their respective specialities.

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OPERATIONS, MAINTENANCE AND FACILITIES MANAGEMENT OF AUSTRALIAN LNG FACILITIES

Report Overview

Australian LNG Operating Facilities have increased significantly since the first publication of this report was released in 2013. The Update of this Report has been undertaken with the support of the current Operators of Australian LNG Facilities. The purpose of this Update is to enable Australian sub suppliers of services and goods to have an awareness of the increased range of opportunities that are in general available for the key operations and maintenance (O&M) requirements of a typical operational LNG facility.

The source information for the report has been provided by companies currently operating Australian LNG plants, ICN enquiry information and contract providers supplying the notional operational and maintenance work.

The report provides:

- 1) details on the types of service agreements that LNG operators may tender directly
- 2) the types of businesses that may compete for these prime service contracts
- 3) the sub supply items required by the prime service contractors.

The sub supply items required by the prime service contractors in the report lists information on a substantial number of sub-tier opportunities. These are goods and services that may be required by the prime service contractors to perform a scope of work.

An outcome of this report is to:

- provide pathways to Australian Enterprises interested in accessing LNG maintenance opportunities
- provide opportunity advice, particularly to Small to Medium Enterprises (SMEs)
- maximise Australian industry participation in global investment projects and supply chains
- deliver information and connections on Australian industry to international companies.

LNG Facility Operations and Maintenance

Australia has seen significant construction activity in the growth of new LNG producing facilities. The capital investment of more than A\$200 billion has been invested in LNG projects.

The cost of maintaining and improving LNG facilities is considerable. Over the lifetime of an LNG project these costs may equal or even exceed its initial capital cost. These producing facilities will now need to be maintained for a period of up to 30 years with recurring annual expenditures with a total estimated expenditure at between A\$8 to \$9 billion.

Suppliers, who have recognised the substantial expenditure in the O&M sector of LNG Plants, commenced moving their business models several years ago to concentrate more on the operational phase of the major LNG resource projects.

This places them as a distinct advantage to supply goods and services for facility upgrades and brownfield expansions. O&M work can provide more predictable work flows allowing suppliers to retain essential skills and invest in new capabilities.

This report aims to provide increased focus on the importance of O&M of resource projects such as LNG facilities to counter the cyclical nature of construction activity of new major resource projects.

O&M is a basic requirement in the operation of LNG infrastructure. However many SMEs are not aware of supply items required for the O&M of LNG projects.

To assist SMEs, ICN has worked with LNG operators, and many of the companies supplying them with the goods and services, to identify the listed sub-tier supply opportunities.

Australia currently has twenty operating LNG export onshore

plants and the single offshore Floating LNG facility, with total capacity of 87.8 million tonnes per annum (MTPA).

Table 1 lists Australia's operational LNG Projects.

In addition to the current operating LNG plants, future growth of LNG production has been considered for a number of facilities.

Table 2 lists LNG projects where future growth may occur.

The increasing number of Australian LNG facilities will also create economies of scale that could be used to create an environment capable of developing a significant O&M export capability.

Transitioning an LNG project from its construction phase into operations is a challenging process. To address this, operations personnel are often embedded into inspection and construction teams up to two years before start up.

Table 1: Australia's Operational LNG Projects

Project	Location	Commenced	Capacity (MTPA)	No of Trains	Operator
North West Shelf Project	WA	1989	16.9	5	Woodside
Darwin LNG	NT	2006	3.7	1	ConocoPhillips
Pluto LNG	WA	2012	4.9	1	Woodside
Queensland Curtis LNG	QLD	2014	8.5	2	Shell
Gladstone LNG	QLD	2015	7.8	2	Santos
Australia Pacific LNG	QLD	2015	9.0	2	ConocoPhillips
Gorgon LNG	WA	2016	15.6	3	Chevron
Wheatstone LNG	WA	2017	8.9	2	Chevron
Ichthys LNG	NT	2018	8.9	2	INPEX
Prelude FLNG	WA	2019	3.6	1	Shell
			87.8		

Table 2: LNG projects where future growth may occur

Project	Location	Capacity (MTPA) est.	No of Trains	Operator
Queensland Curtis LNG	QLD	4.5	1	Shell
Gladstone LNG	QLD	4.0	1	Santos
Gorgon LNG	WA	10.4	2	Chevron
Wheatstone	WA	4.5	1	Chevron
Pluto Train 2	WA	5.0	1	Woodside
		28.4		



The goal of operations is ensuring the reliability of the facility to maximise LNG production. This requires a complex set of commercial agreements with external contractors and suppliers that will undertake a large portion of a LNG facility O&M.

Besides having the responsibility for ensuring that a LNG facility performs to or above specification, operations will also be responsible for executing any capital works that may have been deferred during the construction phase, debottlenecking and fit-for-purpose retrofitting programs. They will also have a significant role in small and large brownfield expansions. This is additional expenditure on top of normal O&M requirements.

Project operators will endeavour to minimise the complexity of managing dozens of service agreements by aggregating together different work scopes. Operators work to find a balance between work scope size and coverage and the number of suppliers that can competitively tender and perform the work using their own personnel and equipment. Some of these will be service agreements such as legal services or diesel supply that have few opportunities for sub-tier supply by SMEs. Other agreements, many of which are covered in this report, have a significant number of sub-tier opportunities that can be pursued by Australian SMEs.

The O&M work packages that operators indicate that are often exclusively sole sourced and contain negligible sub-tier supply items have not been included in this report.

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For additional information on Australian LNG projects please contact ICN www.icn.org.au.



INDUSTRY CAPABILITY NETWORK (ICN)

Industry Capability Network (ICN) is a business network that introduces Australian and New Zealand companies to projects large and small.



ICN is an independent organisation financially supported by Australian, New Zealand, state and territory governments. Since it started more than 30 years ago, we have helped local suppliers find \$30 billion worth of contracts.

ICN is constantly developing its offering with the goal of making it easier for Buyers to do business in Australia. ICN collective Network around Australia can assist companies to improve its supplier supply chain through –

- Finding competitive suppliers
- Valuable knowledge on suppliers winning work in many sectors across Australia
- Awareness of Innovative suppliers
- An Australian footprint

- Improving and Expanding your supply chain
- Up to date information on supplier details
- Supplier Diversity activity

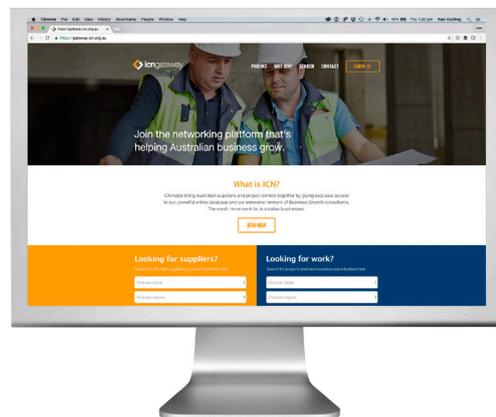
ICN also helps Australian companies to access global supply markets.

ICN Gateway

ICN service is assisted by ICN Gateway, a powerful online tool helping local suppliers find new business opportunities.

ICN Gateway is a comprehensive online system with around \$247 billion worth of projects and more than 60,000 suppliers listed gateway.icn.org.au/

Whether you're a project manager or a supplier, you can't afford not to be using this powerful online business tool.



EXAMPLES – PRIME SERVICE CONTRACT OPPORTUNITIES

This report is not project specific. It is intended to provide a generic overview of typical service agreements Operators of LNG facilities have directly with contractors and what second and third tier opportunities flow down from those agreements.

The table below lists types of service agreements that Operators may require to support the operation of their facilities.

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POTENTIAL PRIME SERVICE CONTRACT PROVIDERS & SUB TIER OPPORTUNITIES

The table below provides details on the types of service agreements that Operators of LNG facilities may tender directly and examples of businesses that provide or have competed for this type of work for the Operators of LNG facilities in Australia. The table also provides information on sub-tier opportunities. These are goods and services that may be required by the prime service contractor to perform the work.

Table Components

- Column 1** Examples of prime service contracts some Operators of LNG facilities may have directly with suppliers/contractors.
- Column 2** Generic description of the scope of work that an Operator may require. Each Operator will have different headings, requirements and scope of work descriptions. Some listed examples may not be contracted directly by the Operator. The scope descriptions are intended solely as a guide on the types of services that can be required to maintain LNG facilities.
- Column 3** Examples of the type of suppliers/contractor that provide or have competed for the listed work scopes for the Operators of LNG facilities in Australia. The supplier/contractor listings are intended solely as a guide on the type of company that SME's pursuing sub-tier opportunities may need to engage. The website address for listed suppliers/contractors is provided at the end of this report.
- Column 4** Examples of the types of goods and services that some Prime Contract suppliers have indicated they may need to obtain from sub-suppliers or subcontractors. Prime Contractor requirements will vary and are dependent on their in-house capabilities and capacities.

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
Accommodation/Camp Management and Catering	Provision of Accommodation/Camp Management and Catering Services, including cleaning and facility management. Scope could include items such as: <ul style="list-style-type: none"> • Management of accommodation day to day activities including resident bookings and general accommodation management requirements; • Provision and management of catering and domestic services; 	<ul style="list-style-type: none"> • Atlas Professionals • Cater Care • Compass Group Remote Hospitality Services Pty Ltd (T/A ESS) • ISS Integrated Services Pty Ltd • Northern Rise Village Services Pty Ltd • Sodexo Energy & Resources • Spotless Facility Services Pty Ltd 	<ul style="list-style-type: none"> • Aerodrome management • Arborist services • Bulk food supply • Carpet and tile care products • Chemical supplies • Cleaning equipment & maintenance • Commercial laundry and linen services

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
	<ul style="list-style-type: none"> • Provision of foodstuffs and consumables necessary to perform catering and provide meal services; • Operation of retail services/shop; • Provision and management of janitorial, laundry, cleaning and housekeeping services; • Health and lifestyle services, including recreation, sports and other functions; • Gardening and grounds maintenance; • Pest and vermin control; • Waste collection and disposal/recycling; • General maintenance: <ul style="list-style-type: none"> – Low risk, non-process related maintenance such as painting and changing lightbulbs; – Domestic plumbing services (water supply and sewerage); – Domestic electrical services (low voltage only); – Airconditioning services; – Maintenance of gym equipment; and – Maintenance of commercial kitchen equipment; • Onsite transportation; and • Provision of all management, labour, tools, equipment, materials and consumables necessary for completion of the services. 		<ul style="list-style-type: none"> • Cultural awareness training • Facilities maintenance (buildings/property) • Food supply • Furniture • Gardening and irrigation equipment and services • General cleaning products • Hard floor care products • Healthy lifestyle coordinators • Hygiene and waste products • Kitchen and catering suppliers • Labour hire for relief staff • Landscape supplies and equipment • Landscaping services • Maintenance • Packaging products • Pest control • Plumbing services • Pre-employment and health assessments • Property management & maintenance • Safety and personnel protective equipment • Service of commercial kitchen equipment. • Transport • Vehicles • Washroom and janitorial products • Waste and environmental management • Weed control (chemical treatment) • White goods • Window cleaning supplies • Workplace health programs

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
Aerodrome Management	Provision of Aerodrome (Airport) Management services. Scope could include items such as: <ul style="list-style-type: none"> • Management and maintenance coordination of aerodrome including ground support crew, passenger processing, baggage and freight check-in and passenger security processing; • Management of requirements for the operation of the aerodrome; and • Coordination of day of operations scheduling and passenger reservation amendments. 	<ul style="list-style-type: none"> • Aerodrome Management Services Pty Ltd • Alliance Airlines Pty Limited 	<ul style="list-style-type: none"> • Aerodrome equipment • Baggage and Freight management • Fuel Supply
Aircraft (Fixed Wing) Services	Provision of fixed wing aircraft services to support scheduled and ad hoc operations. Scope could include items such as: <ul style="list-style-type: none"> • Non-dedicated aircraft(s); • Flight crew, engineers, support and administrative personnel; • Ground support and baggage handling; • Non-dedicated terminal facilities; • Security and quarantine services; • Catering services; and • Associated supporting services. 	<ul style="list-style-type: none"> • Alliance Airlines Pty Limited • Aviar Pty Ltd • Cobham Aviation Services • Qantas Airways Limited • Revesco Aviation Pty Ltd • Skippers Aviation Pty Ltd • Virgin Australia Regional Airlines Pty Ltd 	<ul style="list-style-type: none"> • Aircraft • Ground handling • Fuel • Maintenance
Aircraft (Fixed Wing Emergency Response) Services	Provision of Fixed Wing Services for Emergency Response. Scope could include items such as: <ul style="list-style-type: none"> • Aerial support activities at offshore and/or near shore locations; • Observation and direction of ground and marine assets to assist field-based operations; • Personnel transport; • Twin turbine engine operated by two pilots; and • Provision of services on a call-off basis. 	<ul style="list-style-type: none"> • Aspen Medical • CareFlight Limited 	<ul style="list-style-type: none"> • Aircraft • Fuel • Hire of Vehicles • Maintenance • Medical Consumables • Medical labour

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Aircraft (Rotary Wing) Services	Provision of Rotary Wing services. Scope could include items such as: <ul style="list-style-type: none"> • Provision and operation of rotary wing services including aircraft crew and maintenance requirements; • Scheduled services to/from offshore sites/islands/vessels; • Rapid response emergency services; and • Ad hoc/sub-contracted services to/from offshore sites/islands/vessels including for specialist project work. 	<ul style="list-style-type: none"> • Babcock Offshore Services Australasia Pty Ltd • Bristow Helicopters Australia Pty Ltd • CHC Helicopters (Australia) • PHI International 	<ul style="list-style-type: none"> • Helicopters • Fuel • Hire of Vehicles • Maintenance • Medical Consumables • Medical labour • Specialised Labour
Airport Fire Appliance and Services	Provision of Fire Appliance and Services. Scope could include items such as: <ul style="list-style-type: none"> • Provision of aviation specific fire appliance with compressed air foam system; • Carrying enough water, foam, dry chemical powder to comply with CASA regulations for category of the airport; • Fire appliance may be on a lease or purchase arrangement; • Aerodrome Rescue and Fire Fighting (ARFF) personnel; and • ARFF personnel qualified to at least AFC Certificate 2 standard (or equivalent) in accordance with Manual of Standards for Provision of Aerodrome Rescue and Fire Fighting Services. 	<ul style="list-style-type: none"> • Falck Pty Ltd • Parabellum International Pty Ltd 	<ul style="list-style-type: none"> • Equipment supply • Hire of Vehicles • Firefighting equipment

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Apprentice and Trainee Program Services	<p>Provision and management of an apprentice and trainee program.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Selection, recruitment and engagement of apprentices and trainees; • Coordination of apprentice and trainee training; • Human resource management support for apprentices and trainees; • Management of a safety management system; • Electronic resources management system; • Key performance indicator reporting and program optimisation; • Maintenance of workers' compensation and injury management system; • Support to personnel involved with field supervision and training of apprentices and trainees; • Off-the-job training, and on-the-job training/job rotation support and guidance; and • Contact time for each of the apprentices and trainees. <p>Qualifications for which the apprentices and trainees are enrolled include:</p> <ul style="list-style-type: none"> • PMA30113 – Certificate III in Process Plant Operations; • MEM30205 – Certificate III in Engineering (Mechanical Trade); and • MEM31215 – Certificate III in Engineering – Industrial Electrician. 	<ul style="list-style-type: none"> • AML (Aboriginal Management and Logistics) • Directions Workforce Solutions • MEGT Australia Ltd • Programmed Skilled Workforce 	<ul style="list-style-type: none"> • Specialist indigenous apprentice and trainee management, mentoring and support
Batteries (Industrial)	<p>Supply of Industrial Batteries.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply and delivery of Industrial Batteries; and • Provision of product technical advice and support. 	<ul style="list-style-type: none"> • MacLean Electrical (Australia) Pty Ltd • Magellan Power • Secure Power Solutions Pty Ltd 	<ul style="list-style-type: none"> • Batteries

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
<p>Brownfield Capital Project Execution Services</p>	<p>Provision of Brownfield Capital Project Execution services across all disciplines within the LNG industry arising from the need to execute Brownfield modifications, maintenance and improvements to existing LNG assets.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Adoption of site safety management processes; • Project management; • Brownfield execution management; • Constructability reviews; • Cost estimation; • HAZIDs and Safety in Design reviews; • Material management; • Quarantine management; • Purchasing and expediting; • Offsite fabrication; • QA/QC; • Pre-commissioning and commissioning activities; • Project close out reporting; • Technical information management; • Personnel secondments; • Third Party services; • Work pack information; • Technical support; and • Shutdown planning and management. 	<ul style="list-style-type: none"> • Aerison Pty Ltd • AGC (an AusGroup Company) • Bechtel (Western Australia) Pty Ltd • Clough Projects Australia Pty Ltd • Downer • GPA Engineering • Industrial Plant & Service (IPS) Australia Pty Ltd • Kellogg Brown & Root • LogiCamms • Monadelphous • Technip • UGL Operations & Maintenance Pty Ltd • Wood • Worley 	<ul style="list-style-type: none"> • Accommodation • Actuator field service and site machining • Advanced corrosion control equipment • Asset management and maintenance management • Atmospheric emissions specialists • Audits on various statutory requirements such as dangerous goods • Boiler servicing • Bore drillers • Building construction services • Car hire • Catering • Cleaning • Coating and painting • Code testing certification • Commissioning and completions management tools • Concreting • Condition monitoring and NDT • Consumable chemical supplies • Control systems hardware • Control systems software and support • Control valves • Corrosion and cathodic protection specialist • Courier • Cross cultural awareness • Customs formality management and Customs clearance including quarantine • Design system support

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
			<ul style="list-style-type: none"> • Dispersion and plume modelling and analysis • E&I – electrical and instrumentation labour hire • E&I – skid design and manufacture • Earthmoving • Electrical cable, electrical motors, starters • Electrical design • Engaged in Constructability reviews • Engineering services • Environmental licensing • Equipment hire • Explosion modelling and analysis • Fabrication, welding and pipe fitting • Feasibility studies • Field expediting services • Field inspection services • Fire protection • Fitness for Work testing • Flow assurance • Geotechnical analysis • Geotechnical surveys • Hazardous waste storage and disposal • Hazard and Safety In Design reviews • HDPE membrane liner installation • Health services for medicals • Heat treating • Heavy lift configurations • High voltage testing • Human Factors specialist services (HFE)

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
			<ul style="list-style-type: none"> • HVAC supply • HVAC maintenance • Hydraulic analysis • Hydraulic and industrial hose fitting specialists • Hydraulic design • Hydraulic systems • Hydro testing • Hydrostatic pressure testing • Industrial hygienist specialist services (health) • Inspection and chemical analysis • Inspection and specialised testing • Installation supervision • Insulation and protective coatings • IT support • Laboratory testing • Laundry services • Lawn mowing and weed control • Leak testing • Lifting equipment statutory inspection • Logistics support • Machining • Mechanical labour hire • Minor civil works • Mobilization support • Modifications • NDT services • Noise specialist services • Offsite archiving

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			<ul style="list-style-type: none"> • Offsite fabrication assurance • Offsite fabrication QA/QC 3rd Party inspection • Onsite machining • Operating equipment inspection • Optical data installation • Overhead cranes • Overseas inspection and expediting services • Payroll system support • Peer reviews • Pipe and cable laying vessel • Piping • Plant and pipeline maintenance • Plumbing consultancy • PMI testing • Pressure testing • Process controls – valve maintenance • Provision of rigging • Pump repairs and commissioning • Quality control and inspection services • Quarantine management • Recruitment agencies • Reliability engineering services capability • Relocation service providers • Remedial engineering services • Road repairs • Roof restoration • Rope access and scaffolding • Rotor dynamics analysis

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			<ul style="list-style-type: none"> • Scaffold and access services • Security • Specialist cleaning services • Specialist flange management • Specialist lifting studies • Specialist material handling studies • Specialist packing services • Specialist rotating equipment fitters • Specialist site surveys • Steel fixing • Structural welding (repairs, modules, supports, skids, etc) • Surveying services • Technical information management • Telecommunications and tower inspection • Transportation and shipping • Turbine servicing • Vibration specialist services • Warehousing and storage • Waste disposal • Waste management services • Water cartage services

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Cathodic Protection Services	Provision of Cathodic Protection (CP) systems services. Scope could include items such as: <ul style="list-style-type: none"> • Performance oversight of the CP systems during commissioning; • Monitoring CP effectiveness; • Maintaining CP systems; • Assessing and reviewing the effectiveness of CP systems; • Review of CP and monitoring for and control of interference; • Monitoring the effectiveness of the isolation joints; and • Testing could include: <ul style="list-style-type: none"> – Potential measurements (continuous and interrupted); – Direct current voltage gradient measurements (DCVG); – Close interval potential measurements (CIPS); – Current drain measurements; – Interference testing; – Soil and water resistivity/composition testing; and – Insulated flange testing. 	<ul style="list-style-type: none"> • Anode Engineering Pty Ltd • Corrosion Control Engineering (WA) Pty Ltd • DOF Subsea Australia Pty Ltd • Fugro Australia Marine Pty Ltd • LogiCamms • Stork Technical Services Australia Pty Ltd • Tamboritha Consultants Pty Ltd • Wood 	<ul style="list-style-type: none"> • Anode material suppliers • Baseline NDT services • Cables and cable equipment • Cathodic protection consumables • Corrosion monitoring probes and equipment • Divers • Drilling services (For drilling In soils to depths of 100 metres for the installation of anodes) • Earthworks • Electrical equipment suppliers • Electrical services • Electrical test equipment • Electricians • Enclosures, junction boxes and conduits • Import and customs agents • Installation of cathodic protection system • Lightning and high voltage surge protection devices • Reference electrodes • Road, air and sea transport • Steel fabrication services • Supply of sacrificial and impressed anodes • Transformer rectifier units for cathodic protection • Trenching and earthworks services • Welders

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
Chemicals (Production) Supply	Provision of packaged and bulk Production Chemicals. Products could include items such as: <ul style="list-style-type: none"> • Inorganic additives: <ul style="list-style-type: none"> – Sodium carbonate; – Sodium hypochlorite; and – Phosphates (tri-sodium phosphate); • Acids and bases and pH adjusters: <ul style="list-style-type: none"> – Hydrochloric acid; – Sodium hydroxide; and – Citric acid; • Hydrate inhibition, sweeteners and corrosion inhibitors: <ul style="list-style-type: none"> – Monoethylene Glycol (MEG) – pure and blended grades (HPP); – Triethylene Glycol (TEG) (HPP); – Methanol; – Oxygen scavengers; – CO2 and H2S scavengers (i.e. MDEA, DGA) (HPP); – Chlorine scavengers; – Scale and wax inhibitors (HPP); and – Corrosion inhibitors; • Various Other Chemicals: <ul style="list-style-type: none"> – Antifoams (HPP); – Demulsifiers (HPP); – Biocides; – Demineralised water; – Rheology and down-well viscosity modifiers (HPP); and – Surface tension modifiers (HPP). 	<ul style="list-style-type: none"> • Agent Sales & Service Pty Ltd • Air Liquide Australia Pty Ltd • A.S. Harrison & Co Pty Limited • Baker Hughes Australia Pty Ltd • BASF Australia Pty Ltd • Clariant (Australia) Pty Limited • Coogee Chemicals Pty Ltd • Dow/Alchemy Trading • Ecolab • Huntsman Corporation Australia • International Chemicals Engineering Pty Ltd • IXOM Operations Pty Ltd • Kinetic Chemicals Pty Ltd • M-I Australia Pty Ltd • McDermid (Hydraulic Control Fluids) • Mintech Australia • Redox Pty Ltd • Scotcher Race Fuels and Oils Pty Ltd 	<ul style="list-style-type: none"> • Bulk Containers • Chemical containment equipment • Chemical handling equipment • Lifting equipment • Tankage

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	<p>Services could include items such as:</p> <ul style="list-style-type: none"> • Supply of a range of specialty production, commodity and boiler chemicals; • Supplied in bulk (chemical tanker sized parcels) or packaged in varying sizes including drum, bag, intermediate bulk containers (IBCs) and bulk tanks e.g. bullet; • Supply, inspection, certification, maintenance and cleaning of tanks; • Supply of required lifting equipment; • Capability to hold an emergency stock and expedite emergency supply; • Supply items with relevant certificates of quality, certification and documentation such as product quality certificate, safety data sheets; and • Provide product support through technical representation, including regarding: <ul style="list-style-type: none"> – Handling, preservation and storage; – Procedures, process improvement and troubleshooting; and – Operational and technical training. 		

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<p>Civil Works</p>	<p>Provision of general Civil Works, primarily including the maintenance of sealed and unsealed roads, miscellaneous civil works and supply of concrete and including the supply of all materials, plant, labour, supervision and consumables necessary to execute civil work.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply of concrete: <ul style="list-style-type: none"> – Delivery of locally sourced concrete; – Supply of concrete including batch plant management, operation and maintenance; – Maintenance including the provision of spare parts for screening, concrete production and power generation, equipment, transportation, storage, pumping and testing equipment to facilitate concrete production; – Supply, storage and management of sand, bulk cement and admixtures; – Delivery of concrete to work sites, including the supply, operation and maintenance of delivery trucks; – Operation of NATA suitable testing laboratory; and – Access to NATA registered materials testing laboratory. • Road maintenance and upkeep: <ul style="list-style-type: none"> – Road construction prior to sealing; – Road sealing and post sealing activities such as road marking, road furniture, signage, road barriers and lighting; and – Road maintenance involving re-grading, rolling and compaction, and road repairs. • Maintenance of yards and other areas such as runway safety area and laydown yards. • Supply and installation of precast foundations. 	<ul style="list-style-type: none"> • Bardrill Corporation Limited • BGC Contracting Pty Ltd • Carey Mining • Civmec Construction & Engineering • Clough Projects Australia Pty Ltd • Ertech Pty Ltd • Golding Contractors Pty Ltd • NEMMS JV • NTC Contracting Pty Ltd • RAS Contracting (Nimitybelle Pty Ltd) • Rusca Group • Sitzler Pty Ltd • Speciality Services Qld Pty Ltd 	<ul style="list-style-type: none"> • Bolt torquing and tensioning • Cable installation including cable jointing, terminations testing and commissioning • Chemical cleaning • Civil construction materials • Concrete injection • Concrete pumping • Concrete supply • Corrosion prevention systems • Crane hire • Culverts • Drain grates and frames • Dust suppression • Electrical and instrumentation services • Electrical consumables • Explosive consultants • Fabricated embedded items • Fencing • Formwork and steel fixing • FRP/GRP joint spooling • Fuel supply • Geotechnical testing services • Geotextiles • HDPE and PVC pipes and fittings for water, sewage, fire and storm water • Horizontal directional drilling • Industrial signage, isolation and tagout products • Installation of structural grouting

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
	<ul style="list-style-type: none"> • Construction of cast insitu foundations and other miscellaneous insitu concrete works. • Installation and testing of underground E&I services. • Cable installation including cable jointing, terminations testing and commissioning. • Installation and commissioning of piping for drainage, potable, fire water including hydrant installation, sewage, stormwater and other piped services. • Maintenance or installation of site perimeter fencing, gatehouse, muster stations and supporting services such as security lighting, CCTV support towers and associated services cabling. • Miscellaneous earth and civil works: <ul style="list-style-type: none"> – Bulk material haulage and handling; – Clear and grub topsoil from any new work areas; – Maintain and upgrade firebreaks as required; – Soil Compaction testing in support of work; – Dust control and suppression, including application of dust suppression product; – Storm water management and ongoing maintenance; – Maintain erosion protection, including through the installation and upkeep of shotcrete or concrete canvas; – Repair of any erosion of scouring; and – Dewatering and clean up after rain events. • Survey control, set-out and compliance works. • Provision of personnel skilled to operate across multiple areas of work scope as well as specialised skilled labour 		<ul style="list-style-type: none"> • Labour hire • Landscaping • Leak detection systems for underground piping • Medical, security and emergency services • Non-destructive excavation of holes, trenches and footings • On-site pipe welding and fabrication • Poly fabricated spools • Poly pipe and fittings • Precast and/or prestressed concrete products • Pressure testing of pipework, pipelines, valves and vessels • Quarantine fumigation • Quarantine wrapping services • Reinforcing bar and mesh • Remote video inspection • Road line marking • Road safety barriers, bridge barriers, handrails, wire rope barriers and concrete barriers • Signage • Site rehabilitation • Specialised coatings and sealings • Surveying services • Threaded products including foundation bolts, hold down bolts, chemical anchors, allthreaded rod U bolts, J bolts and rag bolts • Trenchless pipe replacements and upsizing • Vehicle operator training • Water supply • Waterproofing

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<p>Compressor (Air) Services</p>	<p>Provision of maintenance and repair services for Instrument Air Compressors and Emergency Instrument Air Compressors, including the compressor, electric motor and auxiliaries (water cooled intercoolers, moisture separator, air cooled after cooler, lube oil system, inlet filter and controls). Scope could include items such as:</p> <ul style="list-style-type: none"> • Specified maintenance and repair tasks for each unit including auxiliary systems; • Machine overhaul; • Fault Identification, root cause analysis and reporting; • Coordination with the electric motor and diesel motor maintenance and repair contractors; • Quarantine management; • Routine maintenance; • Training of technicians/engineers; and • Procurement and storage of spare parts. 	<ul style="list-style-type: none"> • Atlas Copco • Australian Fluid Handling Pty Ltd • CAPS Australia Pty Ltd • CPC Pilbara • Hoerbiger Australia Pty Ltd (HIA) • Industrial Plant & Service (IPS) Australia Pty Ltd • Wiltrading STACE Pty Ltd <p>And can be performed by General Maintenance Contractors:</p> <ul style="list-style-type: none"> • AGC • Monadelphous • UGL 	<ul style="list-style-type: none"> • Aftercoolers • Compressor lubricants • Connectors • Control panels • Cranage • Desiccant • Dry ice blast cleaning • Dynamic balancing • Electric motor and diesel motor maintenance • Fabrication and welding • Filter elements • Flex hose • Inlet filters • Machining • Mag particle NDT • Metallic-ceramic corrosion protective coatings • Moisture separators • Oil analysis • Packing materials • Polymeric antifouling coatings • Pressure gauges • Pressure regulators • Pressure testing • Receiver tanks • Road, air and sea transport • Safety relief valves • Vacuum gauges • Vacuum lubricants

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<p>Condition Monitoring and Predictive Maintenance</p>	<p>Provision of Condition Monitoring equipment and services and risk based predictive maintenance and condition monitoring program that facilitates availability and optimizes maintenance program efficiency and enables proactive planning of maintenance tasks.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Delivery of condition monitoring services using a variety of industry-recognised techniques including vibration monitoring and analysis; • Provision of equipment including: <ul style="list-style-type: none"> – Temperature guns; – Thermography cameras; – Infrared temperature gun; – Vibration measurement; – Belt tensioning equipment; – Accelerometer; – Velometer; and – Cablings; • Definition and implementation of a risk based predicative maintenance and condition monitoring program including: <ul style="list-style-type: none"> – Contracting strategy for techniques determined by maintenance strategies – in house, out-source or hybrid; – Definition and selection of hardware and software; – Data storage and analysis for each technique; – Application of techniques determined by maintenance strategies; and – Guidelines for condition monitoring techniques. • Online monitoring and wireless online monitoring. 	<ul style="list-style-type: none"> • Acoem Smart Industry • Aquip Systems Pty Ltd • ALS Industrial Pty Ltd • Applus • BHGE Measurement & Control • Bruel & Kjaer Vibro Australia • EDgineering • Emerson Process Management Australia Pty Ltd • Endress & Hauser Australia Pty Ltd • Industrial Plant & Service (IPS) Australia Pty Ltd • Silverhorse Technologies Ltd • Wood 	<ul style="list-style-type: none"> • Primarily an in-house consultancy service • Drafting services – drawing conversion, upgrading, as-building and back-drafting and waterline

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Containers (Offshore) Hire	Provision of Offshore Containers on a short-term Hire basis. Scope could include items such as: <ul style="list-style-type: none"> • Dry goods containers; • Open top containers; • Half height baskets; • Cargo baskets; • Drum baskets and mud skips; • Chemical tanks; • Acid tanks; • Cryogenic tanks; • Chemical repackaging services; • IBC (intermediate bulk containers); • Cages and frames – tubular transport frames; • Mini workshops; • Work-space modules; • Lab cabins; • Accommodation modules; • Refrigerated containers; • Rubbish and waste units; • Custom offshore containers; • Offshore container fit-outs; • Full certification of containers to international offshore lifting standards; • Rigging stores; • Wire rope sling assembly, inspection, certification and testing; • High pressure cleaning of dry containers prior to hire; and • Cleaning residue from chemical tanks including safe disposal of residue. 	<ul style="list-style-type: none"> • Base Marine Pty Ltd • Coates Hire • Hoover Ferguson • Lodios (Petroleum & Mining Engineering) • OEG Offshore • Swire Oil Field Services 	<ul style="list-style-type: none"> • Road transport • Fabrication services • Lifting equipment • Tankage

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Corrosion and Erosion Monitoring System Services	Provision of Corrosion and Erosion Monitoring System services. Scope could include items such as: <ul style="list-style-type: none"> • Provision of online retrieval/readings and technical support; • Corrosion monitoring surveys to ensure optimal system performance; • Annual service visit to report health of corrosion monitoring system, including inspection and recertification of the retrieval tool, double isolation valve and ancillary tooling; • Periodic or ad-hoc visits to retrieve corrosion coupons and/or replace corrosion probes; • Analysis of data downloaded from corrosion probes; • Analysis of recovered metal loss coupons; • Planned and unplanned maintenance (preventative and/or corrective) and repairs/overhaul of the corrosion management system; • Supply and installation of non-intrusive erosion monitoring sensors; • Chemical injection; • Supply of services/labour; • Training for offshore personnel in downloading corrosion probe data from field data acquisition units; • Identification of risks and solutions in future changes to corrosion monitoring strategy; • Reporting; • Procurement of OEM operating spares, new equipment and special tools and where necessary, and approved, non-OEM goods; and • Provision of general storage and extended storage (including preservation). 	<ul style="list-style-type: none"> • Emerson Process Management Australia Pty Ltd • Rohrback Cosasco Systems Pty Ltd • Stork Technical Services Australia Pty Ltd • Wood 	(Services supplied in-house)

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Cranes and Lifting Equipment Inspection and Maintenance	<p>Provision of services to maintain integrity of equipment such as:</p> <ul style="list-style-type: none"> • Fixed cranes (including pedestal); • Mobile cranes (including elevated work platforms, davits, forklifts and cherry pickers); • Lifting equipment (A frames, trolleys, beam clamps, slings, chains and shackles); and • Scaffolding equipment. <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Inspection/recertification of lifting equipment (overhead/gantry cranes, mobile cranes, all lifting equipment and scaffolding); • Repair of lifting equipment (overhead/gantry and mobile cranes) • Provision of rigging stores (unmanned, movable containers) for base load as well as shutdowns • Management of all rigging inventory and rigging stores; • Rigging studies; • Failure analysis; • Rope access service; • Crane maintenance; and • Spares management. 	<ul style="list-style-type: none"> • Bunzl Safety • EnerMech Pty Limited • Favelle Favco Cranes Pty Ltd • Oceaneering Australia Pty Limited • Pressure Dynamics • Sparrows Group 	<ul style="list-style-type: none"> • Crane operator training • Crane spare parts • Crane safe inspection • Filtration and flushing services • Gear box repair and spare parts • Hydraulic hose supply and certification • Hydraulic services • Motor and pump repairs and spare parts • NDT services (Including eddie current ultrasonic and magnetic particle testing) • Oil analysis • PLC system repairs and calibration • Rope access service • Safety nets (industrial) • Strip down, refurbishment and recertification of: <ul style="list-style-type: none"> – Drive gearbox – Hydraulic motors – Hydraulic pumps – Diesel engines – Splitter gearbox – Safe load indicator & control computer systems – Slip rings • Verification of competency services • Wire rope

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Crane Supply and Maintenance	Provision of crane and maintenance services including leasing and/or buying cranes. Scope could include items such as: <ul style="list-style-type: none"> • Inspection/recertification of fixed/static equipment; • Inspection/recertification of mobile equipment; • Lift studies capability; • Maintenance of all supplied mobile equipment; • Maintenance of all supplied fixed/static equipment; • Supply wet and/or dry hire crane services; • Crane replacement if crane needs to be taken out of service; • Provision of heavy lift supervisor and rigger for complex lifts; and • Supply equipment, tools consumables and spares to execute the services. 	<ul style="list-style-type: none"> • CraneCorp Australia • EnerMech Pty Limited • Favelle Favco Cranes Pty Ltd • Joyce Crane Hire (Leyburn Nominees Pty Ltd) • Liebherr Australia Pty Ltd • Lift Equipt Pty Ltd • Lifrite • Max Crane & Equipment Hire SA Pty Ltd • Monadelphous • Narrabri Crane Service Pty Ltd (ITC Crane Services Pty Ltd) • Terex Australia Pty Ltd • Tutt Bryant Heavy Lift & Shift • Universal Cranes Pty Ltd 	<ul style="list-style-type: none"> • Access equipment • Crane operator training • Crane safe inspection • Crane spare parts • Filtration and flushing services • Gear box repair • Motor and pump repairs • Parts & maintenance services • Mechanical gears, pinions, shafts, bearings and seal parts replacement services • Hydraulic hoses • Hydraulic services • NATA accreditation for hydraulic hoses • NDT services (Including Eddie current ultrasonic and magnetic particle testing) • Oil analysis • PLC system repairs – PLC, annunciator, and load indicator replacement, calibration and services • Rigging & parts • Slew ring machining • Transport of counterweights and cranes • Verification of competency services • Wire rope

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Cultural Awareness Services	Provision of Cultural Awareness services. Scope could include items such as: <ul style="list-style-type: none"> • Aboriginal cultural awareness and cultural immersion training programs; and • Inter-culture learning and development programs for inbound and outbound expatriates and their families. • Community & Stakeholder Engagement • Mentoring & Staff Development 	<ul style="list-style-type: none"> • AussieOS Global Mobility Services • Christine Coyne & Associates • Cross Cultural Consultants • Culture Resource Centre Pty Ltd • Ochre Cultural Heritage Management Pty Ltd (Ochre Community Consulting) 	(Services supplied in-house)
Demolition Works	Demolition works including isolation, demolition and disposal of onsite infrastructure such as materials storage facility, wharf and landing facilities, fuel storage and dispensing facilities, and communications facilities as well as earthworks such as during restoration of shoreline. Scope could include items such as: <ul style="list-style-type: none"> • Prepare demolition plan; • Secure development approval from the local government along with any other necessary permits; • Isolation of services at the site including disconnection of electrical services and termination of water services at the meter; • Demolition of all on-site infrastructure; • Excavation of potentially impacted or acid sulphate soils; • Storage, transport and disposal of waste material (including any impacted soils) at an approved facility; • Source suitable clean fill material for the backfill of any on site excavations, site levelling and any earthworks required such as to restore shoreline; • Supply and install geofabric, rip-rap, rock armour or other measures such as required for shoreline stabilisation; and • Maintain and supply records of the nature, volume and disposal of all site derived wastes. 	<ul style="list-style-type: none"> • Clough Projects Australia Pty Ltd • Delta Pty Ltd • Focus Demolition and Asbestos Removal WA Pty Ltd • NTC Contracting Pty Ltd 	<ul style="list-style-type: none"> • Fabrication • Heavy Earthmoving equipment • Landfill sites • Mobile Crushing Plant • Quarry Materials

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Diesel Generator Maintenance	Provision of Maintenance and repair services for Diesel Generators. Scope could include items such as: <ul style="list-style-type: none"> On site routine inspection and maintenance and repair services to diesel generators; Servicing of other diesel equipment; and Offsite repairs. 	<ul style="list-style-type: none"> Catamac Pty Ltd Cavpower Pty Ltd Clarke Energy (Australia) Pty Ltd Cummins South Pacific Pty Ltd Drivetrain Power and Propulsion (Drivetrain Australia Pty Ltd) Hastings Deering Australia Limited IHI Engineering Australia Pty Ltd Penske Power Systems Pty Ltd Valmec Westrac Pty Ltd (Westrac Equipment Pty Ltd) 	<ul style="list-style-type: none"> Diesel generator silencers Electrical and instrumentation calibration and servicing Emission monitoring Emissions testing Heavy lifts logistics and crantage Inlet air filtration system and outlet exhaust system maintenance Maintenance of UPSs, rectifiers, DC/DC converters and batteries Non destructive testing and inspection services Oil analysis Oils and coolants Onsite insulation replacement and maintenance Painting and protective coatings Personnel protection equipment Pressure testing Servicing of fire and gas suppression and detection equipment Spill response kits Strainers, filters, expansion joints, hose and fittings Transformers and HV switchgear Water treatment systems

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Diving Services	<p>Provision of Diving Services, principally arising from the need to maintain the integrity of subsea assets.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Structural visual inspections; • Export pipeline and marine terminal diving operations; • Riser inspections; • Cathodic protection system inspections; • Weld inspections; • Freespan stabilisation and rectification; • Spar buoy inspections, maintenance and replacement; • Rig and exploration support; • Environmental surveys; • Emergency maintenance and repairs of subsea systems; • Post cyclone survey of subsea assets; • Emergency diving spread provision; • Saturation and surface supplied diving plant and equipment; • Hyperbaric evacuation craft; • Onshore hyperbaric reception facility; and • Provision of personnel, equipment, materials and vessels to perform activities. 	<ul style="list-style-type: none"> • DOF Subsea Australia Pty Ltd • Fugro Australia Marine Pty Ltd • Neptune Marine Services Pty Ltd • Oceanic Offshore Pty Ltd • Shelf Subsea Australia Pty Ltd • TAMS Group 	<ul style="list-style-type: none"> • Offshore construction vessels • Saturation diving equipment • Specialised Labour • Subsea tooling equipment
Dredging Services	<p>Provision of maintenance Dredging services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Use of trailer suction hopper dredger. 	<ul style="list-style-type: none"> • Boskalis Australia Pty Ltd • Van Oord Australia Pty Ltd 	<ul style="list-style-type: none"> • Labour Services • Marine Bunkering • Marine Maintenance • Provisioning • Shipwrights

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Drilling Rig Engineering, Fabrication and Installation Services	Provision of Engineering, minor Fabrication and Installation services relating to Mobile Offshore Drilling Units (MODUs). Scope could include items such as: <ul style="list-style-type: none"> Detailed design and engineering of work scopes ensuring optimum installation, operability and reliability; Fabrication and installation of equipment; Project management and administration; and Provision of tools required to install and commission equipment. 	<ul style="list-style-type: none"> AME Pty Ltd Obadare Group ICON Engineering Pty Ltd Worley Services Pty Limited Wood Group 	<ul style="list-style-type: none"> Electrical services Fabrication Lifting equipment Machining Mechanical services Shipwright
Drilling Rig Inspection Services	Provision of Inspection services for Mobile Offshore Drilling Unit (MODU). Scope could include items such as: <ul style="list-style-type: none"> Undertake inspection activities for MODU; Verify safety and operational critical systems (upgraded or overhauled) operate safely and effectively; Verify shipyard work complies with Operator and relevant standards for operations; Verify progress of shipyard work and adherence to agreed work schedule, milestones and equipment operability; Provide engineering support and expertise to ensure integrity of rig design and compatibility with drilling and completion activities; Perform visits to yard(s) and witness FAT (Factory Acceptance Tests), SIT (System Integration Trials), SAT (Site Acceptance Tests) of the drilling equipment package; Review load testing and function testing procedures for suitability and witness tests; Verify equipment is properly installed with proper certification; and Verify final rig up acceptance and endurance is suitable and equipment and systems will perform as intended during operations and function safely and reliably with minimum non-productive time. 	<ul style="list-style-type: none"> ICON Engineering Lloyds Register International ModuResources Australia Pty Ltd Obadare Group Wood Group 	(Services supplied in-house)

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Drilling Rig Mooring Services	Provision of Rig Mooring equipment and services. Scope could include items such as: <ul style="list-style-type: none"> • Mooring design and analysis; • Provision and installation of pre-lay mooring systems; • Mooring activity supervision and assurance; and • Acoustic anchor release (AAR) system provision, installation and maintenance. 	<ul style="list-style-type: none"> • Australian Offshore Solutions Pty Ltd • InterMoor Pty Ltd 	<ul style="list-style-type: none"> • Labour Services • Marine Bunkering • Marine Maintenance • Provisioning • Shipwrights
Drilling Rig (Offshore) Services	Provision of semi-submersible drilling rig/Mobile Offshore Drilling Unit (MODU) and associated services. Scope could include items such as: <ul style="list-style-type: none"> • Mobilisation to and demobilisation from location(s); • Spudding and drilling the wells; • Sole responsibility for the operation of the drilling rig; • Provision of safe and secure environment to work and operate; and • Safe operations ensuring identification and mitigation of safety hazards. 	<ul style="list-style-type: none"> • Blue Whale • COSL • Diamond Offshore General Company • Dolphin • Maersk Drilling • Noble • Stena • Transocean • Valaris Aust (formerly Ensco Australia) 	<ul style="list-style-type: none"> • Labour Services • Marine Bunkering • Marine Maintenance • Provisioning • Shipwrights
Drilling Rig (Onshore) Services	Provision, operations and maintenance of Onshore Well Services Rigs and associated equipment for gas production, CO2 injection, water production and/or water injection wells.	<ul style="list-style-type: none"> • Easternwell Group Operations Pty Ltd • Nitschke Energy Services 	<ul style="list-style-type: none"> • Drilling Maintenance • Labour Services • Provisioning
Drilling Rig Positioning and Surveying Services	Provision of Survey Services for MODU Positioning, anchor deployment, and wellhead spud, installation. Equipment and personnel to be used on a call out basis for field operations on board company vessel/MODU.	<ul style="list-style-type: none"> • Australian Offshore Solutions Pty Ltd • DOF Subsea Australia Pty Ltd • Fugro Australia Marine Pty Ltd • Subsea 7 i-Tech Australia Pty Ltd • RPS • Total Marine Technology Pty Ltd 	<ul style="list-style-type: none"> • Labour Services • Marine Bunkering • Marine Maintenance • Provisioning • Shipwrights • Marine Vessels

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Electrical Condition Monitoring	Provision of Electrical Condition Monitoring services. Scope could include items such as: <ul style="list-style-type: none"> • Partial discharge testing of HV motors and generators; • Tan delta testing of HV motors not fitted with partial discharge sensors; • Insulation resistance and polarisation index testing of HV motors and generators; • Partial discharge testing of 6.6kV, 11kV, 33kV, 132kV switchboards; • Transformer oil sampling; • Transformer thermographic survey; • Partial discharge testing of transformers; • Thermographic survey of distribution boards and switchboards; • Partial discharge and tan delta testing of critical underground cables; • Analysis reports from testing; • Tools and test equipment, field service technicians and engineering support; • Internet based electrical asset management tool; • Spare parts and consumables; and • Training. 	<ul style="list-style-type: none"> • ALS Industrial Pty Ltd • Comeca Electrical Equipments and Services Pty Ltd • Downer • Machinemonitor Pty Limited • Matera Electrical Services • Siemens Ltd 	<ul style="list-style-type: none"> • Electrical Testing equipment • Specialised Labour • Transformer oil sampling
Electrical Consumables	Provision of Electrical Bulks and Consumables. Scope could include items such as: <ul style="list-style-type: none"> • Electrical cable; • Low voltage equipment; • High voltage equipment; • Circuit breakers; • Electrical tools and equipment; 	<ul style="list-style-type: none"> • CNW Pty Ltd • DNOW Australia • Electrical Distributors of WA Pty Ltd • Electrical Supply Solutions • L&H Group (Lawrence & Hanson) • MacLean Electrical (Australia) Pty Ltd • MM Electrical 	<ul style="list-style-type: none"> • Electrical equipment • Tools

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
	<ul style="list-style-type: none"> • Tools – electrical, measuring & precision; and • Other electrical consumables; • Ex e & d fluorescent luminaries, floodlights and emergency projectors; • Long life lamps; • Hazardous area cable glands, connectors and accessories; • Hazardous area portable and temporary lighting; • Hazardous area communication equipment; • Offshore rated cable; • Junction boxes and enclosures; • Cable support systems; • Cable fixing and identification systems; • Electrical and electronic interface products; • Adaptors and reducers; • Switch, welding outlet, socket; • Motor local control station; • Earthing, bonding and direct strike products; • Stainless steel and FRP cable ladders and trays; • Certified enclosures and terminals; • Electrical process heaters and control equipment; • Heat trace cable and control systems; • Pipe and cable transit systems; • Shipboard marine cables; • Lighting components (ballast, inverter, battery); • Helideck lighting system; • Navigation light system; • Cable lugs, tape, grease etc; and • MCB, MCCB, ELCB. 	<ul style="list-style-type: none"> • Pacific Automation • Rexel Electrical Supplies • RS Components Pty Ltd • Siemens Ltd • The Energy Network (Australia) Pty Ltd 	

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	<p>Services could include items such as:</p> <ul style="list-style-type: none"> • Vendor managed/consignment inventory system capability; • Access to major Original Equipment Manufacturers (OEM); • Punch out or e-procurement integration capability; and • Vendor and inventory management systems. 		
<p>Electrical Equipment Hazardous Area Inspection Services</p>	<p>Provision of consultancy and Inspection services for Electrical Equipment installed in Hazardous Areas.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Consultancy services: <ul style="list-style-type: none"> – Hazard and Operability (HAZOP) facilitation; – Hazardous Area review and equipment selection; – Expert services to resolve queries on Ex-certification/installation, – Area classification drawing review and reclassification if required due to change in the equipment location/plant operational conditions, and – Expert advice on hazardous area verification dossier contents/format; • Inspection services: <ul style="list-style-type: none"> – Periodic/sample/visual/detailed inspection of Ex-equipment in hazardous area at site and assist in integration to the maintenance management system, and – On-site guidance on the applicable/acceptable installation technique to ensure ongoing compliance. 	<ul style="list-style-type: none"> • Downer • GPA Engineering • I&E Systems Pty Ltd • LogiCamms • Matera Electrical Services • MKJV (Matera Kentech JV) • Oil & Gas Solutions Pty Ltd (OGS) • Slade Industries Maintenance Pty Ltd • SPIE Plexal 	<ul style="list-style-type: none"> • Calibration equipment • Hazard and Operability (HAZOP) facilitation • Non-destructive testing and inspection services • Oil analysis • Security and vulnerability assessments • Electrical test equipment • Electrical installation • Thermal diagnostic imaging services • Electrical equipment in hazardous areas inspector training and competency assessment

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Electric Motor Repair (Offsite)	<p>Supply of offsite repair services for three-phase low voltage electric motors.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Diagnosis of low voltage electric motor faults; • Perform testing and prepare documentation and inspection reports for offsite motor repairs; • Repairs/overhauls of the low voltage electric motors; • Storage of low voltage electric motors (including preservation, packaging and quarantine requirements); • Delivery of low voltage electric motors; and • Carry out repair and overhaul work to electrical equipment for use in explosive atmospheres in a facility certified to AS/NZS 3800:2012. 	<ul style="list-style-type: none"> • AEM Consolidated Pty Ltd • Donaldson Electric Works Pty Ltd • Reads Electric Company Pty Ltd 	<ul style="list-style-type: none"> • Electric Motor Repair equipment and facilities • Lifting equipment • Machining • Pallet supply • Specialised Labour
Emergency Response Services	<p>Provision of Emergency Response services to areas of operations and support for emergency preparedness and prevention activities across infrastructure such as port, construction sites, accommodation facilities, airframes, aerodromes and marine jetties.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Fires and loss of containment; • Search and rescue; • Aviation emergencies; • Marine oil spills; • Vessel to vessel, vessel to land interaction; • Major medical event (mass casualty); • Cyclone demobilization; • Development and delivery of training in emergency response; • Maintenance, testing and inspection of emergency response equipment; • Atmospheric gas testing; 	<ul style="list-style-type: none"> • Aspen Medical • Careflight • Corporate Protection Australia Group Pty Ltd • Fire & Safety Australia Pty Ltd • International SOS • Link Resources Pty Ltd • MSS Strategic Medical and Rescue Pty Ltd • Parabellum International Pty Ltd • Paull and Warner Resources Pty Ltd 	<ul style="list-style-type: none"> • Emergency Response equipment • Aircraft (emergency response) • Marine Vessel (emergency response) • On call Medical equipment and supplies • Specialised Labour

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	<ul style="list-style-type: none"> • Development and review of working at height and confined space rescue plans; and • Assessment of security threats and vulnerabilities. 		
Emergency Response Training	<p>Provision of Emergency Response Training.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Emergency management; • Oil spill response; • Offshore survival; • Regulatory skills; and • Applied occupational health and safety (OHS) skills. 	<ul style="list-style-type: none"> • ERGT Australia Pty Ltd • Fire & Rescue Australia Training Pty Ltd • Lifeaid Pty Ltd • Queensland Fire and Emergency Services 	(Services provided in-house)
Engineering Data Portal/ Warehouse Supply	<p>Provision and implementation of an Engineering Portal and Warehouse to provide an interface for users to access structured and unstructured engineering information in the digital asset linking to various corporate systems and project systems. Engineering information includes documents and drawings (including P&IDs), document metadata, 2D and 3D models, equipment and line lists, instrument index, datasheets, technical changes, vendor information and their inter-relationships.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Access to engineering information contained within other data stores; • Defined and auditable processes and responsibilities for managing and updating information (including information ownership and custody); • Maintenance, operation and support for the system; • Training for end users and behavioural change management; • Output reporting – search and export functionality; • Business intelligence reporting; • Audit reporting; and • Information security – disaster recovery, security hierarchy, IP. 	<ul style="list-style-type: none"> • Aveva Proprietary Limited • Bentley Systems Pty Ltd 	(Primarily an in-house service supplying proprietary software)

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Engineering Services	<p>Provision of multi-discipline engineering and design studies. The requirement for engineering services principally arises from the need to execute Brownfield modifications, maintenance and improvements.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Project management; • Brownfield execution management; • Integrity management; • Problem identification; • Feasibility studies; • Concept development and cost estimates; • Detail design; • Risk assessment; • Safety and control review; • QC/inspection; • Lift planning; • Purchasing; • Expediting • Offsite fabrication assurance; • Installation supervision; • Project close out reporting; • Technical information management; • Personnel secondments; • Third party services; and • Management and administration. 	<ul style="list-style-type: none"> • AECOM Australia Pty Ltd • Aerison Pty Ltd • Atkins Australasia Pty Ltd • Aurecon Australasia Pty Ltd • Bechtel (Western Australia) Pty Ltd • Clough Projects Australia Pty Ltd • EDG Australia Proprietary Limited • Fluor Australia Pty Ltd • Fyfe Pty Ltd • GHD Pty Ltd • GPA Engineering • Greenfern Dynamics Pty Ltd • I&E Systems Pty Ltd • Kellogg Brown & Root • LogiCamms • PPI Australia Pty Ltd • SPIE Plexal • TechnipFMC • Topo Group Pty Ltd • Wood • Worley 	<ul style="list-style-type: none"> • Access, removal, cleaning • Design and construction of buildings • Electrical design • Equipment and car hire • Equipment and materials supply • Expediting • Fabrication • Flow assurance • Geotechnical design • Hydraulic design • Inspection – third party • Installation supervision • Logistics – third party • Machining • Metals fabrication • NDT inspection services • Offsite fabrication assurance • Purchasing • Quality control and inspection • Shop detailing • Surveying services – land and aerial • Transport services

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<p>Engineering (Reliability and Integrity) Services</p>	<p>Provision of multi-discipline Reliability and Integrity Engineering services including brownfield modifications engineering support.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Reliability and integrity engineering: <ul style="list-style-type: none"> – Damage loop review; – Inspection scoping and workpack preparation; – Inspection management – resolve queries arising from site NDT; – Work Order management; – Inspection report QA/QC and recording; – Anomaly management and fitness for service assessments; – Risk based assessments of piping, tanks and vessels, PSVs, valve and wellhead components; and • Brownfield modifications engineering support could also be supplied such as: <ul style="list-style-type: none"> – Feasibility studies and concept development; – Detailed design; – Analysis of technical issues in various disciplines – primarily piping and pipelines, mechanical, process, E&I and civil; – Fabrication assurance; – Technical information management; – Drafting services; – Embedded personnel; – Third Party services; – Cost review and estimating; and – Project management. 	<ul style="list-style-type: none"> • ALS Industrial Pty Ltd • Arcadis Australia Pacific Pty Ltd • Atkins Australasia Pty Ltd • Bechtel (Western Australia) Pty Ltd • Clough Projects Australia Pty Ltd • Downer • EDG Australia Proprietary Limited • GPA Engineering • Industrial Plant & Service (IPS) Australia Pty Ltd • Kellogg Brown & Root • LogiCamms • MMI Engineering Limited • Nihar • Oceaneering Australia Pty Limited • The Weldnet Pty Ltd • Wood • Worley 	<ul style="list-style-type: none"> • Detailed design • Analysis of technical issues in various disciplines – primarily piping and pipelines, mechanical, process, E&I and civil • Fabrication assurance • Drafting services

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<p>Environmental Services</p>	<p>Provision of Environmental services. A panel may be established of environment and heritage and environmental engineering services consultants with the demonstrated capability, skills, qualifications, depth of resources and experience to provide ongoing services (including specialist services) on an “as needs” basis.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Environmental management systems; • Environmental assessment and management including environmental compliance reporting; • Biodiversity conservation, landscape assessment and management; • Marine and marine ecological services including: <ul style="list-style-type: none"> – Marine environmental quality management planning; – Water quality, mixing zone, marine and harbour sediment quality, mangrove health and offshore marine pest assessment; – Marine environmental data acquisition, interpreting and reporting (including diving), and – Modelling (predictive); • Terrestrial and terrestrial ecological services: <ul style="list-style-type: none"> – Terrestrial fauna, flora and vegetation surveys, interpreting, monitoring, impact assessment and reporting, – Vegetation management, non-indigenous species control and eradication procedures; – Weed monitoring and control; – Seed collection, storage and utilisation; – Rehabilitation advice including re-vegetation and topsoil management; 	<ul style="list-style-type: none"> • AECOM Australia Pty Ltd • Astron Environmental Services Pty Ltd • Aurecon Australasia Pty Ltd • Biota Environmental Sciences Pty Ltd • BMT Oceanica Pty Ltd • CDM Smith • Coffey Services Australia Pty Ltd • Compliance Monitoring Pty Ltd • Deep South Pty Ltd t/a Enpoint • ERM • GHD Pty Ltd • Golder Associates Pty Ltd • Jacobs • LBW Co Pty Ltd • Pendoley Environmental Pty Ltd • Senversa Pty Ltd • Stantec Australia Pty Ltd • Wood • Worley 	<ul style="list-style-type: none"> • Accommodation • Aerial imagery and surveying services • Biological monitoring • Cultural awareness training • Drilling services • Environmental analytical testing services • Fauna baseline assessments • Flood risk modelling and ecology • Historic heritage assessment and management • Indigenous heritage assessment and management • Landscaping services • Modelling of emissions • Natural heritage assessment and management • Noise monitoring and impact assessment • Non-indigenous species control and eradication • Rehabilitation and landscaping services • Seed collection, storage and utilisation • Soil stabilisation, dust and erosion control • Specialist environmental staff • Specialist exsitu remediation techniques such as soil washing, bioremediation, stabilisation and acid soil treatment • Specialist insitu treatments such as soil vapour extraction and chemical oxidisation • Supply of environmental measurement instrumentation • Targeted conservation significant species surveys • Vehicle hire • Water, soil and air quality testing • Weed control (chemical treatment)

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	<ul style="list-style-type: none"> - Detection, control and eradication of non-indigenous fauna; - Subterranean fauna surveys, interpreting, monitoring, impact assessment and reporting; - Turtle monitoring, and - Volunteer management; • Light and air quality data acquisition, modelling, emissions monitoring, and reporting; • Noise and vibration data acquisition, modelling, monitoring and reporting; • Chemical characterisation of discharge streams; • Whole effluent ecotoxicity testing; • Pollution prevention; • Contaminated site assessment and remediation including marine and terrestrial facilities decommissioning and site rehabilitation; • Water assessment and management, including groundwater quality; • Waste management planning and support; • Energy management and efficiency and Green building policy and assessment; • Cultural heritage investigation and engagement; • Historic heritage assessment and management; • Indigenous/Aboriginal heritage assessment and management; • Natural heritage assessment and management; • Emergency management; • Health and safety, including HES HAZID and risk assessment participation and facilitation; and • Provision of personnel and project management. 		

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Fabrication Services	Provision of offsite fabrication services. Scope could include items such as: <ul style="list-style-type: none"> • Procurement of piping, pipeline and related components; • Fabrication of piping and pipeline spools; • Fabrication of structural components (such as pipe supports, walkways and platforms); and • Associated services for the above items such as: <ul style="list-style-type: none"> – Surface preparation and coating (internal and external), – Performance and documenting of non-destructive testing, – Performance and documenting of dimensional survey, – Packing per quarantine requirements (such as fumigation), preservation and laydown, – Preparation of schedules and progress reporting, and – Design/engineering work. 	<ul style="list-style-type: none"> • Adelaide Fabrication Services Pty Ltd • AGC (an AusGroup Company) • Aerison Pty Ltd • BAE Systems • Civmec Construction & Engineering • Ferretti International Ottaway Pty Ltd • Fleming's Welding Service Pty Ltd • GF Engineering Pty Ltd • Global Engineering & Construction Pty Ltd • Globe Hill KBSS • Hitec Welding Pty Ltd • KAW Engineering Pty Ltd • L&A Pressure Welding Pty Ltd • Legeneering (Aust) Pty Ltd • Lotus Engineering Pty Ltd • MMC Australia • Obadare Group • Orontide Group Limited • P&A Welding Pty Ltd • P.A.S.E. Services Pty Ltd • Petroleum & Mining Engineering • Pipetech (NDA Australia Pty Ltd) • Thistle • Trushape Engineering Pty Ltd • Wellsun Engineering Pty Ltd 	<ul style="list-style-type: none"> • Design/engineering • Fumigation/quarantine • Galvanising • Inspection – independent third party • Logistics • NATA testing • NDT • Painting • Supply of raw materials (steel/pipe) • Surface treatment/coating • Surveying services

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Facilities Maintenance – Non Process Infrastructure Buildings	<p>Provision of Facilities Maintenance services for Buildings such as:</p> <ul style="list-style-type: none"> • Operations control buildings; • Plant warehouse buildings; • Plant laboratories; • Vehicle maintenance workshops; • Maintenance centre buildings; and • Including reception areas, offices, toilets, kitchens, change rooms, locker rooms, store rooms, control rooms, utility rooms, loading areas, general storage areas, climate-controlled storage areas, laboratories, maintenance areas, wash bays and grounds. <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Provision of a network based facility management system to manage the asset management, preventative maintenance, corrective maintenance and statutory maintenance; • Maintenance and repair of building architecture/façade and fire protection systems; • Maintenance of vehicles exhaust systems, gas shelters, motorised workshop doors, concrete access ramps and pathways, hardstand areas, bollards and security gates; • Repairs and maintenance of low voltage electrical systems including RCD and smoke alarm compliance; testing and tagging; • Repairs and maintenance of air-conditioning services; • Plumbing and water services repairs, maintenance and replacement including hot water systems, taps and general fittings; pipes and drains: safety showers, and wash bay areas; • Sewer, grease and trade waste drainage; 	<ul style="list-style-type: none"> • Delta FM Australia Pty Limited • Monadelphous • Regional Asset Maintenance Services Pty Ltd 	<ul style="list-style-type: none"> • Ablution hygiene services • Air conditioning services • Automotive parts, electrical and accessories • Carpentry • CCTV monitoring • Concrete drainage products • Cutting tools • Drain cleaning equipment • Electrical services • Electrical supplies • Excavation equipment • Fabrication and welding services • Fire equipment • Formworkers • Gardening and grounds services • General plant and equipment hire • General transport • Hand tools • HDPE and PVC and pipe • Hygiene products • Industrial consumables • Lifting and rigging services and supplies • Metals • Packaging and tapes • Painting services • Personnel protective equipment • Pest control • Plumbing services

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	<ul style="list-style-type: none"> • Stormwater drainage including onsite detention and sub-soil drainage; • Low risk, non-process related maintenance such as painting and changing light bulbs; • Sweeping and cleaning of warehouse and office facilities, including offices, meeting rooms, toilets and kitchen areas; • Pest control of buildings and grounds including ad hoc removal of snakes and other reptiles; • Gardening and grounds maintenance of hard and soft landscaped areas; • Light civil works such as road repairs and minor concreting; • Traffic management including ad hoc marking of parking zones, traffic routes and installing sign posts; • Spare parts and consumables supply; • Management on site; and • Regulatory reporting and compliance. 		<ul style="list-style-type: none"> • Plumbing supplies • Power tools • Pump out trucks • Pump repair services • Pump supplies • Road surface repairs • Steelfixers • Storage tanks • Supplementary personnel • Surveying services • Testing equipment • Thermal and acoustic insulation and lagging • Traffic management • Transport of plant • Valve maintenance • Valve supplies

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Facilities Maintenance – Plant and Equipment	<p>Provision of Facilities Maintenance services for Plant and Equipment and associated buildings.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Building maintenance; • Scaffolding; • Grounds and garden remediation and maintenance; • General carpentry services; • Electrical services; • Heating, ventilation and air conditioning services; • Plumbing, sprinkler and gas fitting services; • Sewer, grease and trade waste drainage; • Stormwater drainage including onsite detention and sub-soil drainage; • Bus driving and route management services; • Janitorial and cleaning services; • Mobile plant, light vehicle and heavy vehicle maintenance; • Supply, maintenance and repair of mobile plant equipment; • Mechanical fixed plant maintenance; • Operating and maintaining osmosis water plant; • Operating and maintaining waste water treatment plant; • Operating and maintaining accommodation camp power station; • Maintenance of modular UPS system in communication shelters; • Maintenance of temporary generators; • Onshore marine maintenance services; • Operating and maintaining a maintenance planning system; and • Engagement of subcontractors. 	<ul style="list-style-type: none"> • Civmec Construction & Engineering • Downer • Monadelphous • Regional Asset Maintenance Services Pty Ltd • UGL 	<ul style="list-style-type: none"> • Automotive parts, electrical and accessories • CCTV monitoring • Concrete drainage products • Cutting tools • Drain cleaning equipment • Electrical services • Electrical supplies • Excavation equipment • Fabrication and welding services • Fire equipment supplies • Formworkers • General plant and equipment hire • General transport • Hand tools • HDPE and PVC and pipe supplies • Hygiene products • Industrial consumables • Labour hire • Lifting and rigging • Metals • Packaging and tapes • Painting services • Personnel protective equipment • Pipe freezing • Plumbing services • Plumbing supplies • Power tools • Pump out trucks

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			<ul style="list-style-type: none"> • Pump repairs • Pump supplies • Road surface repairs • Steelfixers • Storage tanks • Supplementary personnel • Surveying services • Testing equipment • Thermal and acoustic insulation and lagging • Traffic management • Transport of plant • Valve maintenance • Valve supplies • Waste water treatment plant services • Water treatment plant services
Facilities Maintenance – Property	<p>Provision of Facilities Maintenance services such as general building and Property maintenance for residential houses, apartments and office buildings.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Provision of all management, labour, materials, loading, transportation, unloading, plant, equipment, tools and consumables; • Maintenance, cleaning and repair of buildings, carports and hard stands (including fittings and fixtures); • Repairs and maintenance of electrical systems including RCD and smoke alarm compliance; testing and tagging; • Cleaning, general inspection, repairs and replacement of air conditioning; 	<ul style="list-style-type: none"> • Bright Pty Ltd • Compass • H&M Tracey Construction Pty Ltd • Pindari WA Pty Ltd • Regional Asset Maintenance Services Pty Ltd • Sodexo 	<ul style="list-style-type: none"> • Ablution hygiene services • Air conditioning services • Automotive parts, electrical and accessories • Carpentry services • CCTV monitoring • Civil (light) • Concrete drainage products • Cutting tools • Drain cleaning equipment • Electrical services • Electrical supplies • Excavation equipment

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	<ul style="list-style-type: none"> • Plumbing and water services repairs, maintenance and replacement including hot water systems; washers, taps and general fittings; pipes and drains; • Pool; pool pump; filter; pool cover and cleaning equipment maintenance, repairs and replacement including cleaning; replenishment of chemicals; • Garden and landscaping upkeep and maintenance including mowing lawns, garden edges, plants; reticulation and pool and garden fencing; • Maintenance, testing, repairs and replacement of fire extinguishers and blankets and emergency lighting; and • Pest control prevention and treatment. 		<ul style="list-style-type: none"> • Fire equipment • Fencing • Gardening and grounds services • General plant and equipment hire • General transport • Hand tools • HDPE and PVC and pipe supplies • Hygiene products • Industrial consumables • Lifting and rigging • Metals • Packaging and tapes • Painting services • Personnel protective equipment • Pest control • Plumbing services • Plumbing supplies • Pool supplies and services • Power tools • Steelfixers • Supplementary personnel • Surveying services • Transport of equipment • Weeds management

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Fire Fighting Equipment and Systems Maintenance	<p>Provision of Fire Fighting Equipment Systems Maintenance. Scope could include items such as:</p> <ul style="list-style-type: none"> • Fire suppression system and equipment maintenance services including inspections, testing, maintenance, certification and overhaul; • Integrated fire protection systems including: <ul style="list-style-type: none"> – Water mist; – Deluge and sprinkler; – Foam systems; – Inert gas systems; – Synthetic agent systems; – Dry powder systems; and – Deck integrated fire fighting systems (DIFFS); • Portable and fixed fire fighting systems; • Recharging of fire fighting equipment; • Maintenance of fire trucks; • Installation and maintenance of fire alarm systems; • Maintenance of self contained breathing apparatus; • Sparing, stock holding and preservation (offsite/onsite); • Fire safety audits; • Technical and engineering support; and • Training. 	<ul style="list-style-type: none"> • Australian Safety Engineers • EndFire Engineering Services Pty Ltd • Fire & Safety Systems (Australia) Pty Ltd • Fire Rescue Safety Australia (FRSA) Pty Ltd • Firesafe Resource and Industrial Pty Ltd • INCOS Engineering Pty Ltd • Mercury Firesafety Pty Ltd • Orion Fire Engineering Pty Limited • Paull and Warner Resources Pty Ltd • Regional Asset Maintenance Services Pty Ltd • Wiltrading STACE Pty Ltd • Wormald Australia Pty Ltd 	<ul style="list-style-type: none"> • Air breathing apparatus servicing • Air purity testing • Carbon dioxide • Chemicals & agents • Custom engraved plastic or metal tags and signs • Dry and wet chemical supplies (fire suppression) • Fire alarm system installation • Fire fighting foam concentrates • Fire hose • Fire safety audits • Fire simulation training • Fire truck maintenance • HazMat response equipment • High pressure compressor servicing • Hydrostatic pressure proof testing of cylinders • Personal protective equipment • Pressure hose testing and certification • Safety valve testing, calibration and certification • Training

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Fixed Bed Media Supply	Provision of Fixed Bed Media. Scope could include items such as: <ul style="list-style-type: none"> • Molecular sieves for dehydration type 4A and type Zeolite CaBaX; • Support media – ceramic balls of various sizing; • Activated carbon for various uses throughout LNG plant; • Desiccant, activated Alumina; • Calcite for water treatment; • Delivery of products with required documentations to designated point of delivery; • Capability to hold an emergency stock and expedite emergency supply; • Supply items with relevant certificates of quality (CoQ), certification and documentation such as product quality certificate, safety data sheets (SDS); • Provide handling, preservation and storage guidance; and • Provide product support through technical representation. 	<ul style="list-style-type: none"> • Axieo • Gas Liquid Processing Engineering Pty Ltd • M-I Australia Pty Ltd • Redox Pty Ltd • STM New Zealand Ltd 	(Proprietary manufactured products)
Flange Management	Provision of Flange Management services. Scope could include items such as: <ul style="list-style-type: none"> • Onsite flange management and bolt tensioning services, including: <ul style="list-style-type: none"> – Flange alignment tooling; – Hot tapping and line stopping; – Heat treatment; – Hot bolting; – Leak sealing; and – Pipework and structural composite repair; 	<ul style="list-style-type: none"> • Cameron Services International Pty Ltd • Eftech International Pty Ltd • EnerMech Pty Limited • Furmanite Australia Pty Ltd (now TEAM) Australia Pty Ltd • Hydratight Asia Pacific 	<ul style="list-style-type: none"> • Data base system • Flange alignment tooling • Gaseous quad hire (N2/He) • Gasket design (specials) • Heat treatment services • Hot tapping and line stopping services • Hydraulic bolt tensioning • Hydraulic bolt torquing • Hydrostatic testing • Leak sealing services

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	<ul style="list-style-type: none"> Provision of a database to store data on individual flanged joints including: <ul style="list-style-type: none"> Flange management torque values and process; Changes in line specifications; Joint status during bolting activities; and Utilisation for both turnarounds and routine maintenance; Training for bolting technicians, inspectors and engineers; Specialist tool hire; Onsite maintenance and calibration of flange tightening tooling; and Provision of Quality Assurance and Quality Control management personnel during turnarounds. 		<ul style="list-style-type: none"> NATA certification of gauges NDT services On-site machining Onsite maintenance and calibration of Operator and Contractor owned flange tightening tooling Pipework and structural composite repair services Recycling of used hydraulic oil Safe disposal of used parts Specialist tool hire Supply of high pressure hydraulic accessories Supply of hydraulic oils and consumables Supply of pneumatic accessories Training for bolting technicians, inspectors and engineers Ultrasonic bolt tension measurement Vehicle hire
Flare Tip Services	<p>Provision of Flare Tip specialist services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> Routine maintenance, inspection, testing and replacement of flare tips; Provision of remote and onsite technical support; and Supply of all tooling, equipment and materials required to conduct maintenance. 	<ul style="list-style-type: none"> John Zink Asia-Pacific Vertech Group Pty Ltd 	<ul style="list-style-type: none"> Flare equipment Fabrication Mechanical services Electrical services
Freight Forwarding and Logistics Services	<p>Provision of Freight Forwarding and Logistics services including freight collection, expediting and delivery service on a global basis.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> Freight logistics management; Freight forwarding services using services of shipping lines, airlines or road/land operators; 	<ul style="list-style-type: none"> Altus Logistics Bilaton Pty Ltd Trading as L.C. Loynes & Associates Bollore Logistics Pty Ltd Centurion Transport Co Pty Ltd Ceva Freight (Australia) Pty Ltd 	<ul style="list-style-type: none"> Base management Casual labour Charter services air freight Charter services ocean freight Consumable supplies (including plastic wrap) Crane hire

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	<ul style="list-style-type: none"> • Pick up cargo, receiving/accepting cargo, handling, cargo documentation, unloading, inspecting and material receipt preparation; • Warehousing and storage, facility and documentation; • Consolidation/packing: marking and labelling; • Container purchasing and tracking (Shipper Owned Containers); • Shipment; • Customs clearance and compliance; • Originating country export formalities; • Quarantine services as applicable; • Port, logistics and procurement services; • Marine agency and vessel husbandry; • Shipping documentation; • Obtaining required permits/certificates/escorts in relation to cargo movement/storage as required; • Time sensitive, temperature-controlled and hazardous goods freight transport; • Local transportation; • Out of Gauge freight movements, overweight/over dimensional; • Loss damage prevention; • Freight tracking and expediting; • Repair-and-return freight and tracking (time and cost); • Arranging insurance and assisting with any claims; and • In-house secondment. 	<ul style="list-style-type: none"> • CH Robinson Pty Ltd • Crane Worldwide Logistics (Australia) Co Pty Ltd • Deugro Projects (Australia) Pty Ltd • DHL Global Forwarding (Australia) Pty Ltd • Panalpina World Transport Pty Ltd • Pentagon Freight Services Pty Ltd • Schenker Australia Pty Ltd • Wallenius Wilhelmsen Logistics (Australia) Pty Ltd 	<ul style="list-style-type: none"> • Crate and packaging supply • Customs clearance • Fuel supply and management • Hazardous goods packaging • Heavy haulage • HR recruitment • Port management, stevedoring and laydown • QHSE services • Road, sea and air transport • Road transport containerized • Security services • Specialised equipment hire (including forklifts) • Supply vessels • Survey certifications, marine, lashing, SGS etc • Warehousing and storage facilities • Waste disposal

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Fuel Distribution Services	<p>Provision of Fuel Distribution services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Undertake day to day management of fuel operational duties including primary receipt, distribution and storage of diesel supply; • Co-ordination regarding fuel barge schedule; • Primary receipt and take custody of diesel cargo at the wharf flange; • Manage the transfer and loading of diesel into bulk storage facility; • Management of bulk diesel fuel farm; • Fuel stock management activities including auditing of fuel farm, inspections of equipment and monitoring fuel product quantity; and • Compilation and maintenance of fuel farm safe work processes and procedures. 	<ul style="list-style-type: none"> • AmSpec Australia Pty Ltd • Fuelfix Pty Ltd • Toll Energy & Marine Logistics 	<ul style="list-style-type: none"> • Bulk Tanks • Heavy Vehicles • Transport Tankers • Vehicle maintenance
Fuel Farm Equipment and Maintenance	<p>Provision of Fuel Farm Equipment Maintenance and Inspection Services to underground and above ground fuel storage tanks and associated fuel dispensers including all integral mechanical, electrical, and electronic parts of the fuel dispensers. Maintain all physical apparatus including items such as:</p> <ul style="list-style-type: none"> • Maintain calibration; • All assisted vapour recovery components; • Tank monitor system; • Underground and above ground tank equipment including turbine pumps, check valves, O-rings, fill and vent caps, pressure vents, dry breaks, gage caps, gaskets, sump cover, lids, and bolts and fasteners; and • Compliance environmental examinations. 	<ul style="list-style-type: none"> • Australian Fluid Handling Pty Ltd • Fuelfix Pty Ltd • SL Tanks & Equipment Pty Ltd 	<ul style="list-style-type: none"> • Cranage • Destructive and non-destructive testing of welds and materials • Fire protection systems • Flowmeter repairs, calibration & certification • Fuel electrical systems • Fuel hose compliance testing and supply • Fuel spill and oily water containment • Industrial consumables • Minor and major civil works • Protective coating application • Pump repairs • SCADA control systems • Specialised welding and fabrication

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Fuel Supply	Provision of diesel product supply by truck, pipeline, bunker vessels or ship to ship including necessary management, supervision, labour, materials, loading, transportation, metering, unloading, equipment, tools and consumables.	<ul style="list-style-type: none"> • BP Australia Pty Ltd (BP Marine ANZ) • Caltex Petroleum • IOR Petroleum Pty Ltd • Lowes Petroleum Services (Ocwen Energy Pty Ltd) • Puma Energy (Australia) Fuels Pty Ltd • Viva Energy Australia Pty Ltd 	<ul style="list-style-type: none"> • Specialist transportation services • Valve repairs • Waste liquid disposal services • Bunkering services • Fuel cartage • Lubricants cartage • Ship-to-ship bunkering
Gasket Supply	Provision of Gaskets. Scope could include items such as: <ul style="list-style-type: none"> • Non asbestos jointing; • Pump and valve compression packing; • Soft cut gaskets – fibrous, rubber, PTFE, graphite, shims and cork; • Semi metallic gaskets – spiral wounds, Kammprofiles, metal and soft seal composites; • Metallic gaskets – ring type joints, lens rings, weld rings, shims plus special profiles; • Rubber sheet and strip; • Virgin and modified PTFE sheet and composite gaskets; • Graphite sheet and graphite laminates; • Pressure seals – graphite, with or without caps; and • Insulating gaskets and monolithic joints. 	<ul style="list-style-type: none"> • Garlock Pty Limited • James Walker Australia • Klinger Limited • Project Materials Australia Pty Ltd • Winnellie Hydraulics 	<ul style="list-style-type: none"> • Freight services • Logistics services • Piping materials

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Gases (Cylinder) Supply	Provision of Cylinder Gases. Scope could include items such as: <ul style="list-style-type: none"> • Provision of industrial, laboratory, instrumentation, calibration and specialty cylinder gases; • Medical and emergency gases: <ul style="list-style-type: none"> – Medical grade oxygen (medical facilities and BA sets); and – Fire suppression (inergen, carbon dioxide); • General process and maintenance gases: <ul style="list-style-type: none"> – Welding gases (acetylene, oxygen, argon, LPG); – Stench gas (HVAC/fire damper testing); – Helium (leak detection and carrier gas); – Calibration gases (gas detection, instrumentation); – HVAC refrigerant gases; and – Air (valve switching, pneumatic tooling); • Laboratory (scientific) gases: <ul style="list-style-type: none"> – Hydrogen (FID fuel); – Argon (total sulphur analyser, mercury analyser); and – Nitrogen (flushing medium); • Provision of gas bottles and cylinders (tested and certified); and • Provision of lifting and manual handling equipment (racks and cages); 	<ul style="list-style-type: none"> • Air Liquide Australia Pty Ltd • BOC Limited • Coregas Pty Ltd • Supagas Pty Limited 	<ul style="list-style-type: none"> • Pressurised Vessels • Gas supply equipment • Mechanical services • Pressurised hoses • Lifting Equipment • Transport racks and cages

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Gas Monitoring Equipment and Servicing	<p>Supply and servicing of Gas Monitoring Equipment.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply of personal gas monitoring equipment for detection and monitoring for potentially hazardous, explosive and oxygen deficient atmospheres; • Provision of hydrogen sulphide (H2S) detection equipment – personal and area detection; • Types of sensors/monitors could include <ul style="list-style-type: none"> – Catalytic/Combustible; – Infrared (IR); – Photo ionisation detectors (PID); and – Electrochemical; and • Inspection, servicing, repair, calibration and recertification of personal gas monitoring equipment; • Inspection, servicing, repair, calibration and recertification of hygienist related test equipment; • Provision of breathing air equipment supported by a cascade breathing air system; • Hire of temporary equipment; • Provision of spare parts and consumables; and • Provision of technical training and technical support and advice. 	<ul style="list-style-type: none"> • Active Environmental Solutions (Alemir International Pty Ltd) • Advanced Industrial Safety • Air-Met Scientific • Ampcontrol CSM Pty Limited • Australian Safety Engineers • Control Equipment Pty Ltd • Draeger Australia Pty Ltd • Ektimo Pty Ltd • Gastech Pty Ltd • Honeywell Analytics • MizCo Pty Ltd • Regional Asset Maintenance Services Pty Ltd • Wiltrading STACE Pty Ltd 	<ul style="list-style-type: none"> • Gas Monitoring equipment • Inspection, servicing, repair, calibration and recertification of personal gas monitoring equipment
Gas Turbine and Compressor Maintenance	<p>Provision of Gas Turbine and Compressor Maintenance services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Scheduled maintenance; • Access to expertise through resident engineers; • Monitoring and diagnostics of the installed equipment coupled with engineering analytics; 	<ul style="list-style-type: none"> • Baker Hughes GE • Honeywell • IHI Engineering Australia Pty Ltd • MTU Aero Engines • Roteq Australia Pty Ltd • Siemens • Solar Turbines Australia 	<ul style="list-style-type: none"> • Balance and alignment of rotating components • Boroscope inspections • Combustion inspections • Compressor inspection, repair and overhaul • Cultural awareness training • Custom clearance

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	<ul style="list-style-type: none"> Reliability guarantee relating to continuity of production; and Managing planned maintenance inventory as well as supply initial spare parts. 		<ul style="list-style-type: none"> Development of maintenance, work procedures and spare parts management systems Dry low NOx combustion system maintenance Electrical and instrumentation calibration and servicing Emission monitoring Fuel gas conditioning unit maintenance Gas turbine inlet air filtration system and gas turbine outlet exhaust system maintenance Gearbox inspection and maintenance Generator inspection and repair and overhaul Hazardous goods disposal Heavy lifts logistics and crange Hot gas path inspections Immigration services Industrial consumables Lube oil system maintenance Maintenance of UPSs, rectifiers, DC/DC converters and batteries Major inspection and overhauls Manufacturing and repair of turbine and compressor components Non-destructive testing and inspection services Oil analysis Onsite insulation replacement and maintenance Painting and protective coatings Personnel protection equipment Preservation and quarantine Pressure testing

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			<ul style="list-style-type: none"> • Provision of equipment availability, reliability, performance tracking • Provision of remote monitoring and diagnostics • Scaffolding and rigging • Servicing of fire and gas suppression and detection equipment • Shutdown planning, management and execution • Specialised fabrication and welding • Specialised machining • Supply of supplementary personnel • Transport general and specialised • Valve maintenance • Vibration monitoring
Health and Medical Care Services	<p>Provision of integrated Health services (Occupational Health, wellness, fitness for duty and injury/illness management services) to ensure the appropriate programs, services and systems are implemented to eliminate or reduce employee health risks.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Fitness for duty – medical exams, functional capacity evaluations, drug and alcohol screening, consultations and recommendations for fitness for duty, injury treatment and management, emergency responders, business travellers and offshore; • Occupational health and medical services – audiometric testing, medicals for truck drivers, diving, pilot, maritime and RSI prevention program; • Primary health care services; • Pre-hospital and acute care services; • Public health services; 	<ul style="list-style-type: none"> • Aspen Medical • Careflight Limited • Link Resources Pty Ltd • MSS Strategic Medical and Rescue Pty Ltd • OSHGroup Pty Ltd • Risk 2 Solution • Sonic HealthPlus Pty Ltd 	<ul style="list-style-type: none"> • Air ambulance services • Ambulance vehicles • Aviation medicals • Biomedical maintenance • Blood supply service • Contaminated waste bins • Courier of goods to site • Dangerous goods assessment • Disaster response • Drug and alcohol testing • Education • Emergency responder equipment • Environmental hazard management • Ergonomic assessment • Executive health checks

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	<ul style="list-style-type: none"> • Health and wellness promotion and awareness programs; • Medical evacuation; • Mass casualty management; • Telemedicine; • First aid training; • Medical record management; • Consumables including pharmaceuticals; and • Equipment, including lease and/or maintenance of medical equipment and ambulances. 		<ul style="list-style-type: none"> • Fitness for Work assessments • GCMS laboratory confirmations • Health and wellbeing programs • Hygiene • Injury management • Instant drug cup supplies • Medical consumables • Medical equipment • Medical transfers • Mental health counselling • Nutrition advice • Onsite audiometric testing • Oxygen supply and servicing • Pathology services • Pharmaceutical supply • Pre-employment medical exams • Psychological profiling • Rescue vehicles • Servicing of medical equipment • Supply of emergency response officers • Supply of occupational physicians and doctors • Supply of sleep physiologist services • Transportable medical centre options • Travel advice • Underwater medicals • Vaccinations • Vector management • WA Work Cover testing • Water, food quality testing

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Health and Medical Pre-Employment Services	<p>Australian and New Zealand wide provision of medicals.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Access to medicals in clinics in capital cities; • Robust history and clinical examination (performed by a doctor and nurse); • Urinalysis; • Instant urine cup drug testing, laboratory confirmation and medical review officer review; • Alcohol breath testing; • Spirometry; • Vision testing; • Audiogram; • Cardiac risk score including ECG, fasting lipids and glucose; • Functional capacity evaluations; • Fitness for duty examination and reports; • Medicals completed to Offshore UK Oil and Gas standard and HUET and T-BOSIET clearances required; • Reporting on services and KPIs; and • Follow up correspondence with candidate GPs and specialists to acquire relevant medically information. 	<ul style="list-style-type: none"> • Aspen Medical • Jobfit Health Group Pty Ltd • OccuHealth Pty Ltd • OSHGroup Pty Ltd • Sonic HealthPlus Pty Ltd 	<p>The main services will be supplied in-house)</p> <ul style="list-style-type: none"> • Specialised Labour • Specilaised Testing equipment • Third Party testing and diagnostic services
Health, Safety and Environment (HSE) Services	<p>Provision of Health, Safety and Environment (HSE) consultancy services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • HSE event facilitation; • HSE audits; • HSE management system development; • Hazard and risk management; • Incident management; 	<ul style="list-style-type: none"> • Greencap Pty Ltd • Reziliens Pty Ltd • RPS • Scope HSEQ Pty Ltd 	<p>(Services provided in-house)</p>

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<p>Heat Exchanger Services</p>	<ul style="list-style-type: none"> Emergency response and emergency management; HSE communications; Operational safety; HSE planning and strategy; Training and competency; and HSE resourcing. <p>Provision of Heat Exchanger services for plate and frame (gasketed), spiral, welded or brazed plate, and welded block heat exchangers.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> Heat exchanger cleaning in place (CIP); Provision of original equipment manufacturer (OEM) gaskets, plates and spare parts; Assembly/disassembly of heat exchangers; Heat exchanger cleaning and pressure washing; Weld repairs; Painting; Pressure testing; Plate crack testing; Refurbishment; Leak remediation; Thermal performance troubleshooting; Gasket removal and replacement. Provision of skilled personnel and or supervision for disassembly, inspection, remediation and re-assembly of heat exchanger equipment; and Provision of parts, materials, tools and equipment. 	<ul style="list-style-type: none"> Australian Plate Heat Exchanger Services Extran Pty Ltd Heat Exchangers WA Specialised Welding Pty Ltd Uniquip Engineering Pty Limited Wiltrading STACE Pty Ltd 	<ul style="list-style-type: none"> Head forming Heat treatment Heavy lifts NDT Process equipment Tube Refurbishment Vessel Replacement

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Heating, Ventilation and Air Conditioning (HVAC) Maintenance	<p>Provision of onsite Heating Ventilation and Air Conditioning (HVAC) system and associated equipment maintenance including disposal of used equipment, testing services and associated engineering support.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Provision of onsite and offsite maintenance and repair activities; • Execution of assurance tasks; • General maintenance, fault finding and troubleshooting services; • Providing preventative and predictive maintenance techniques for advanced failure warning; • Energy efficiency analysis – system operational performance, improvements, cost saving and environmental opportunities, audits/compliance; • Feasibility studies – project budget costing, operational analysis; • Design, manufacture and supply of equipment and spare parts; • Installation/Commissioning; • Decommissioning; • Disposal of related equipment; • Mechanical/electrical engineering support – design compliance, survey, warranty claims verification; • HVAC support services including cost estimation, scheduling, work pack preparation, documentation, management of change, progress reporting and field support; • Provision of consumables, sparing, stock holding and preservation; • Recommend spare parts required for planned/unplanned maintenance; and • Setup of refrigeration register. 	<ul style="list-style-type: none"> • BSA Limited • Heuch Pty Ltd • Jako Industries Pty Ltd • Mechanical Project Services (MPS) Pty Ltd (Mechanical Project Management Pty Ltd) • MizCo Pty Ltd • Oceania Engineering Services Pty Ltd 	<ul style="list-style-type: none"> • Apprentice and trainee aids and learning opportunities – supply of RTO training equipment, engagement, on the job learning opportunities • Building systems integration – access control, CCTV, lighting, sewage, irrigation, intercom • Environmental services – HVAC plant, duct, galley, laundry cleaning both chemical and dust • Fibre optic cabling – interconnecting buildings for communications • Laboratory and gas system monitoring – detection system, alarms, testing and calibration • Noise and vibration analysis – mechanical plant, fans/bearings • Specialist engineering – laboratory, medical, temporary refuge, pressurisation, hazardous

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Hire Plant and Equipment Services	<p>Supply hire/rental plant and equipment and associated services for maintenance activities, major events such as shutdowns/turnarounds, brownfield projects and maintenance campaigns.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply and management of hire plant and equipment, • Supply and management of hire plant and equipment to third party suppliers; • Supply and management of tool store operations (permanent & temporary); • Hire plant and equipment planning for major events; • Coordination of pre-turnaround and turnaround activities including temporary power and procurement of tools, materials, equipment and specialised test equipment; • Procurement of equipment; • Consumable supply; • Light maintenance of plant and equipment; • Provision of testing, certification and calibration for plant and equipment; • Packaging, preservation and quarantine services; • Refuelling of hire plant and equipment; • Tracking of hire plant and equipment; • Records management and reporting; • Development of equipment lease procedure; and • Technical support and training. 	<ul style="list-style-type: none"> • Access Group International • Coates Hire Operations Pty Ltd • Kennards Hire • Onsite Rental Group Operations Pty Ltd • WA Torque Tools 	<ul style="list-style-type: none"> • Accommodation and travel services • Courier services • Equipment calibration services • Heavy transport services • Industrial consumables • Medical services • Packing materials • Plant repair and overhaul services • PPE • Quarantine services • Signage (marketing) • Supply of construction plant, equipment and tools • Supply of supplementary personnel • Temporary site facilities (remote compound) • Training services • Transport

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<p>Hose Supply and Services</p>	<p>Supply of Hoses and hose fittings and provision of Hose management services. Hose types include:</p> <ul style="list-style-type: none"> • Flexible metal hoses; • PTFE hoses; • Rubber hoses; and • Hydraulic hoses. <p>Application types include:</p> <ul style="list-style-type: none"> • Utility/air; • Chemical; • Hydraulic; • Hydrocarbon (oil and lubes); and • Nitrogen. <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply of hoses, couplings and end fittings; • Stock holding of critical and/or high usage products; • Capability to supply non-stock items with minimal lead times; • Hose inspection and testing including pressure testing, visual inspection and electrical continuity testing; • Uploading of testing records into computerised maintenance management system; • Hose repairs; • Hose tagging and identification, when hoses are found that are not tagged and/or not in CMMS; • Hose assembly typically up to 100 mm; and • Capability to produce customised hoses. 	<ul style="list-style-type: none"> • Adelaide Belt & Hose Distributors Pty Ltd • EnerMech Pty Limited • HoseCo Australia Pty Ltd • Pirtek Oil and Gas Pty Ltd • Pressure Dynamics International Pty Ltd • Radcoflex Australia Pty Limited • Swagelok • Winnellie Hydraulics 	<ul style="list-style-type: none"> • Hose and fittings • Supply of storage racking • Transport and freight

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Hydraulic Control Fluid	Provision of hydraulic control fluid: Scope could include items such as: <ul style="list-style-type: none"> • Provision of water based hydraulic control fluid for subsea equipment; • Transportation in bulk with environmental contingency planning; • Fluid handling procedure reviews; and • Fluid technical support with fluid evaluations. 	<ul style="list-style-type: none"> • BP Australia Pty Ltd • MacDermid Offshore Solutions 	<ul style="list-style-type: none"> • Hydraulic Fluid containers
Hydraulic Services and Supply	Provision of Hydraulic Materials and Services, including engineering and testing of hydraulic equipment and control systems. Scope could include items such as: <ul style="list-style-type: none"> • Supply of hydraulic equipment and spare parts including: <ul style="list-style-type: none"> – Hydraulic hoses, filters and fittings; – High pressure hydraulic fittings, couplings and assemblies; – Hydraulic tools and consumable items; and – Pneumatic equipment; • Vendor management; • Stock holding of critical and/or high usage product; • Capability to supply non-stock items with minimal lead times; • Review of spares requirements and determine preservation requirements; • Hydraulic power unit service and overhaul; • Strip, assess and testing of hydraulic components; • Pressure testing/certification; • Hydrostatic testing; • Flushing services; 	<ul style="list-style-type: none"> • Aussie Fluid Power • Bosch Rexroth Pty Ltd • EnerMech Pty Limited • Fremantle Hydraulics • Holdfast Fluid Power • HWC Hydraulics & Equipment • Hydraulic Energy Australia Pty Ltd • Pressure Dynamics International Pty Ltd 	<ul style="list-style-type: none"> • Cylinder and valve refurbishment • Hazardous waste disposal • Honeing • Hose and hose fittings • Machining • Motor repair • NDT • Oil sampling and testing • Pipe and pipe fittings • Pump repair • Welding

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	<ul style="list-style-type: none"> • Hose audits; • Pipe and tube installations; • Technical support and advice including: <ul style="list-style-type: none"> – Failure analysis and equipment reliability issues; – Maintenance and overhaul plans and procedures; and – Review and validation of test data; and • Provision of field service engineers to undertake: <ul style="list-style-type: none"> – Remote support for fault finding and diagnosis; and – Technical expertise for problematic issue resolution; and • Provision of technical training. 		
Hydrocarbon Sample Storage and Handling	<p>Provision of Hydrocarbon Sample Storage and Handling services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Purchased and/or leased hydrocarbon fluid sample containers; • Hydrocarbon sample storage and handling services; and • Hydrocarbon sample fluid analysis services 	<ul style="list-style-type: none"> • Blakemere Engineering Pty Ltd (previously Proserv Offshore Pty Ltd) • Expro Group Australia Pty Ltd • Intertek Geotech (Geotechnical Services Pty Ltd) • Petrolab Australia Pty Ltd 	<ul style="list-style-type: none"> • Supply of hydrocarbon fluid sample containers
Industrial (Cleaning, Decontamination and Remediation) Services	<p>Provision of Industrial Cleaning, Decontamination and Remediation services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Planning, design, and construction of Mercury Work Areas (MWAs); • Decontamination of mercury contaminated facilities, equipment, plant and machinery, personal protective equipment (PPE), and MWAs; • Transporting equipment, plant and machinery and other possible contaminants to and from MWAs and Mercury Management Facility (MMF); 	<ul style="list-style-type: none"> • Cleanaway • Contract Resources Pty Ltd • Veolia Environmental Services (Australia) Pty Ltd 	<ul style="list-style-type: none"> • Cleaning pressure equipment • Emergency spill response services • Lifting equipment • Provision of waste containers • Scaffolding services • Supply of PPE • Rope access services • Traffic management services

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	<ul style="list-style-type: none"> • Operations within MMF including the internal and external wash bay; • Set up and monitor mercury quarantine zones as required; • Removing spent media from process vessels which includes, catalyst, activated carbon, mole sieve, adsorbents, silica, ceramic balls, filtration media, resins, support media, sand, gravel, and desiccants; • Confined space entry (CSE) including inert entry to vessels pits and spaces deemed CSE; • Internal cleaning, flushing and decontamination of tanks and vessels for inspection and entry; • Cleaning of pressure equipment – sand removal/ pigging left overs NORMs (naturally occurring radioactive materials) and BTEX (benzene, toluene, ethylbenzene and xylene); • Internal cleaning, flushing, decontamination and internal inspection of pipelines; • Cleaning exchangers in situ and in washdown facilities including heat exchangers, fin fan coolers and kettles; • Cleaning of wells; • Reinstating new media in vessels; • Handling, transport and storage of waste (mercury contaminated products i.e. liquids and solids); • Dangerous goods handling; • Use of vacuum trucks and vacuum equipment to remove sludge, waste and other materials from vessels (mercury contaminated products i.e. liquids and solids) hydrocarbon DG rated; • Use of high pressure (HP) and ultra high pressure (UHP) water cleaning/blasting equipment; • Use of chemical cleaning equipment and chemicals; 		

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	<ul style="list-style-type: none"> • Protective coating services including specialised painting/coatings; • Bundle pulling services; • Filter replacements; • Asbestos removal and remediation; • Emergency spill response services; • Providing rescue teams for confined space entry and working at heights; • Scaffolding services; • Rope access services; • Traffic management services; • Consulting (providing embedded resource) for establishment of turnaround activities, writing work instructions for confined space entry and working at heights, MWAs and handling of wastes; • Provision of technical support to projects; • Contribute to hazard identification and mitigation in permit to work system; and • Perform Quality Mercury Tester role and associated tasks including testing site facilities, equipment, plant and machinery, and PPE for mercury contamination. 		

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Industrial (General) Consumables	<p>Supply and delivery of multiple General Industrial Consumables.</p> <p>Consumables could include product groups such as:</p> <ul style="list-style-type: none"> • Abrasives; • Adhesives, sealants and fillers; • Brushes; • Electrical materials; • Fasteners; • Fittings; • Tapes and packing; • General hardware; • General chemicals; • Personal Protective Equipment (PPE), Fire Retardant Clothing (FRC), and safety boots; • Safety consumables – site and environmental; • Power and hand tools: <ul style="list-style-type: none"> – Cutting, threading and carbide; – Hand, measuring and precision; – Power, pneumatic and petrol; and – Machinery and workshop; • Welding equipment, consumables and gases; • Ladders and platforms; • Lifting and rigging; • Architectural fixtures and fittings; • Building and construction hardware; • Painting consumables, tools and equipment; • Firefighting equipment; • Janitorial hygiene and cleaning; 	<ul style="list-style-type: none"> • ATOM Supply • Blackwoods (J Blackwood & Son Pty Limited) • Collins Industrial Distributors Pty Ltd • DistributionNOW (DNOW) • Heatleys Sales Pty Ltd • Integrated Industrial Pty Ltd 	<ul style="list-style-type: none"> • Abrasives • Adhesives, sealants and fillers • Air line fittings • Air tools • Automotive parts, electrical and accessories • Batteries • Building and construction hardware • Building products • Cable – MV and LV • Cable accessories – conduit • Castors and wheels • Catering supplies • Clothing • Cutting tools • Electrical equipment • Fasteners and fixings • Footwear • Gaskets and packing • General hardware • Glass and windows • Hand tools • Hose and hose fittings • Hydraulic • Hygiene, janitorial and cleaning • Irrigation • Ladders and platforms • Lawn and garden • Lifting and rigging

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	<ul style="list-style-type: none"> Laboratory equipment and consumables; Life saving appliances; Lubrication materials and lubricant equipment; Manual handling and storage equipment; Office equipment and stationery; and General mechanical spares. <p>Services could include items such as:</p> <ul style="list-style-type: none"> Vendor managed inventory system capability; Buying from third party suppliers or manufacturers on behalf of Operator; Punch out or e-procurement integration capability; and Vendor and inventory management systems. 		<ul style="list-style-type: none"> Lighting – lamps and fittings Locks Lubrication equipment Machinery Manual handling and storage equipment Oil and grease Paints, markers and spray equipment Pipe and tube fittings (low pressure) Plumbing PPE Pressure gauges Pumps PVC pipe and fittings Ropes and hawes Safety – personal protective clothing and equipment Signage Spill kits Steel, aluminium and other metals Steel pipe and fittings Storage and shelving Tapes, packing and office stationery Tarps and canvas Timber Tools – cutting, threading and carbide Tools – hand, measuring and precision Tools – machinery and workshop Tools – power, pneumatic and petrol Valves Welding equipment and consumables

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Laboratory Chemicals, Consumables and Equipment	<p>Provision of Laboratory Chemicals, Consumables and Equipment for laboratory undertaking process, water and environmental analyses.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Chemicals required for the routine operation of the laboratory such as salts, acids, solvents, buffers and some specialty compounds; • Certified reference materials/calibration standards (organic and inorganic) for the laboratory's instruments e.g. GC, ICP, IR and IC; • Glassware and plasticware such as breakers, pipettes, syringes, bottles, fittings/connectors, tubing and stoppers; • Consumables such as filters/filtration paper, cotton balls, laboratory PPE, gloves, laboratory coats, laboratory tools, cleaning wipes and elcometer paper; • Equipment such as spill kits, water testing kits, pH/conductivity meters, autotitrators, gas sampling bags/testing tubes, vapour traps and filters, centrifuges, ovens and furnaces, balances, vacuum pumps, hazardous goods storage cabinets, ultrasonic baths and glove boxes; • Stock holding of critical and/or high usage products; and • Capability to supply non-stock items with minimal lead times. 	<ul style="list-style-type: none"> • Oleochem Project Management Ltd • Rowe Scientific Pty Ltd • Scientific Partners Australia Pty Ltd 	<ul style="list-style-type: none"> • Supply of specialised Laboratory items

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Laboratory Equipment Maintenance and Calibration Services	Provision of Maintenance and Calibration services for Laboratory Equipment. Services could be required for the following equipment: <ul style="list-style-type: none"> • Gas chromatograph; • Total sulphur analyser; • ASTM D86 distillation apparatus; • Ion chromatograph; • Titration equipment; • Mercury analyser; • Portable dew point meters; • UV spectrometric test kit; • Dissolved oxygen analyser; • Balances; • Density/viscosity/refractive index; • Total organic carbons; • Oil in water; • Particle counter lubricant analyser; • Industrial glassware washing machine; • Safety fridge (spark free); • Fan forced convection oven; • Flashpoint; • RVP analyser; • Particle sampler; • Portable FID analyser; • Zero air and hydrogen generators; • Thermometers; and • Pipettes. 	<ul style="list-style-type: none"> • Intertek Testing Services (Australia) Pty Ltd • Rowe Scientific Pty Ltd 	Services supplied in-house) <ul style="list-style-type: none"> • Third party Equipment required to perform the service

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Laboratory Services	<p>Provision of Laboratory testing Services to determine composition and chemical/physical properties relating to environmental, process monitoring and occupational hygiene laboratory testing;</p> <ul style="list-style-type: none"> • Environmental such as soil, surface waters, groundwater, sediments, leachates, biological material assay, ecotoxicology, waste classification, soil vapour and oil spill investigation; • Potable (drinking) water and reverse osmosis/seawater distillation verification; • Production and process chemicals, sludges, liquids and waters (produced water, boiler feed water and deionised water); • Building/construction materials; • Corrosion monitoring; • Air/gas samples and stack emissions; • Mercury surveillance; • Occupational hygiene such as air monitoring filters and passive badges, urine/blood analysis and ambient air particulates/dusts; • Fuel, oils and lubricants – lube analysis; and • Lifting agreement compliance – analysis of LNG, LPG and condensate production. <p>Services could include items such as:</p> <ul style="list-style-type: none"> • Off site analytical services for gas, dust, soil, sediment and water analysis; • Provision of onsite staff to undertake laboratory analytical services; • Analyses for TPH, BTEX, metals, VOCs, SVOCs, asbestos, PAHs, phenols, pesticides, PCBs, in-organics, nutrients, microbes, radionuclides and process monitoring requirements; 	<ul style="list-style-type: none"> • Analytical Reference Laboratory (WA) Pty Ltd • Australian Laboratory Services Pty Ltd • Chemistry Centre (WA) (ChemCentre) • Intertek Geotech (Geotechnical Services Pty Ltd) • Intertek Testing Services (Australia) Pty Ltd • Rowe Scientific Pty Ltd • SGS Australia Pty Ltd 	<ul style="list-style-type: none"> • Environmental DNA, eDNA and DNA based species identification • Equipment maintenance • Laboratory consumables – chemical, gas, reagents, sampling devices • Laboratory equipment • Microbiological analysis • Overflow and specialist laboratory services • Radiological analyses (radionuclides) • Specialist courier services • Specialist laboratory gas pipework orbital welding • Specialist sensitive freight services • Stygofauna identification • Suppliers of Standards such as ASTM, AS, UOP

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	<ul style="list-style-type: none"> • Provision of additional onsite equipment; • Management including QA/QC of third party laboratories; • Data management of samples; • Provision of sampling supplies and consumables including jars, bottles and eskies; and • Laboratory quality control and assurance processes documented and reported to demonstrate the level of accuracy and precision of the analyses provided. 		
Loading Arms (LNG and Condensate) Maintenance	<p>Provision of LNG and Condensate Loading Arms Maintenance services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Provision of suitably qualified and experienced personnel to provide service and maintenance on the LNG and Condensate Loading Arms; • General onsite maintenance and inspection of loading arm assemblies; • Facilities to repair/overhaul whole or sections of LNG loading arms; • Training for the maintenance of couplings, loading arm control and hydraulic systems; • Emergency release system (System 4) testing; • Engineering support; • Oversight support during major events such as loading arm overhaul; and • Preservation and sparing plan. 	<ul style="list-style-type: none"> • Camco Engineering Pty Ltd • TechnipFMC 	<p>(Services supplied in-house)</p> <ul style="list-style-type: none"> • Specialised Labour

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Machinery Lube Oil Analysis	Provision of Machinery Lube Oil Analysis services. Scope could include items such as: <ul style="list-style-type: none"> • Supply of clean sample bottles for sample collection, • Analysis of samples; • Training of maintenance specialists, engineers, and technicians in oil sampling, methods of analysis and interpretation of results; • Spectroscopy for wear, additive and contaminant elements; • Viscosity analysis; • Total acid number or total base number analysis; • Karl Fischer water titration; • Flash point analysis; • Particle count analysis; • Direct read ferrography as back-up to emission spectroscopy; • Fourier Transform InfraRed (FTIR) for GT and GTG samples; • Microscopic particle examination; and • Filter analysis. 	<ul style="list-style-type: none"> • Australian Laboratory Services Pty Ltd (ALS Tribology) • Clean Oil Services Pty Ltd 	<ul style="list-style-type: none"> • Direct read ferrography • Laboratory testing equipment and consumables • Oil sampling equipment – sampling vacuum pumps, oil sampling ports, pilot tubes • Sampling supplies and consumables
Machine Shop (Drill Equipment) Services	Provision of Machine Shop services for Drill Equipment, including torque machine make-up and pressure testing.	<ul style="list-style-type: none"> • Bossong Engineering Pty Ltd • Gearhart United Pty Ltd • Nylastex Tooling Pty Ltd • SGS Australia Pty Ltd • Sharpe Engineering • TEK Ocean Energy Services Pty Ltd 	<ul style="list-style-type: none"> • Machining equipment • NDT inspection services

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Machining (Onsite)	<p>Provision of Onsite Machining services, bolt tensioning and leak sealing and associated engineering support functions.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Flange facing – raised face, full face, ring groove (RTJ), blinds, exchanger bundle sheet face and irregular shaped flange faces; • Drilling – stud drilling, screw cutting, clearance holes, reamed holes and stud removal; • Boring – bearing housings, cylinders and line boring; • Turning – journal turning, shaft turning and modification, repair of worn shaft areas; • Milling – bed plate milling, HE division plates, bearing surfaces, man way and inspection covers and shaft keyways (internal and external); • Online hot/cold tapping; • On line high pressure leak sealing – valve glands, pipes and pipe fittings and bolted flanges; and • Engineering support for services offered. 	<ul style="list-style-type: none"> • Camco Engineering Pty Ltd • Cameron Services International Pty Ltd • Eftech International Pty Ltd • Furmanite Australia Pty Ltd (now TEAM) Australia Pty Ltd • UGL CAPE JV 	<ul style="list-style-type: none"> • Cranage • Cultural awareness training • Industrial consumables • Onsite machining equipment • Personnel protective equipment • Pressure testing services • Scaffolding • Specialised fabrication and welding • Transportable Workshop
Maintenance Services – General Items (can be bundled under one package)	<p>Provision of Maintenance services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Plant maintenance and repairs; • Minor capital works; • Turnaround execution; • Trades to supplement permanent personnel – short term and long term; • Subcontractor management for specialised maintenance services providers; • Management, supervision, coordination and other support functions; • Project scoping and work-pack development; 	<ul style="list-style-type: none"> • Aerison Pty Ltd • AGC (an AusGroup Company) • Alliance Automation Pty Ltd • ATSys Pty Ltd • Broadspectrum Ltd • Brown & Root Cimtec Pty Ltd • Cape Australia Onshore Pty Ltd • Clough Projects Australia Pty Ltd • Downer • Eftech International Pty Ltd 	<ul style="list-style-type: none"> • Actuator field servicing and site machining • Breathing apparatus servicing • Building maintenance • Civil works and formwork, concreting • Communication • Condition monitoring and non-destructive testing • Cranes and lifting equipment • Cryogenic insulation and cladding services • Data cleansing • Fabrication – pipework • Fabrication – sub structures, handrails and gratings • Fabrication, welding and pipe fitting

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	<ul style="list-style-type: none"> Preventative and corrective maintenance campaigns/inspection services; Mechanical, electrical and process instrumentation maintenance; General steelwork/structural, piping, tanks and vessel fabrication; Heating ventilation and air-conditioning (HVAC); Non-destructive examination (NDE) and inspection; Routine inspection to maintain electrical equipment for hazardous areas (EEHA) compliance; Corrosion maintenance; Maintenance, flange management, bolting and torquing for valves; Relief valve testing; Crane maintenance; Minor fabric maintenance; Removal and reinstallation of equipment; Insulation and cladding removal and installation; Industrial cleaning/blasting and painting/coating; Scaffolding installation and removal; Operation of workshop facilities; Vehicle maintenance; and Equipment and plant hire. 	<ul style="list-style-type: none"> ICE Engineering & Construction Pty Ltd Industrial Plant & Service (IPS) Australia Pty Ltd Industry Group Services (Qld) Pty Ltd KAEFER Integrated Services Pty Ltd Kentz Pty Ltd Legeneering (Aust) Pty Ltd Monadelphous Nilsen (SA) Pty Ltd Petrofac Siemens Ltd UGL Operations & Maintenance Pty Ltd Upstream Production Solutions Valmec Wood Worley Zinfra Pty Ltd 	<ul style="list-style-type: none"> Fibre optic termination Fire protection systems Flange management Flange torque equipment and services Gasket supplies General transport GRE (glass reinforced epoxy) supplies Grounds and facility maintenance Hand tools HDPE membrane liner installation High voltage testing Hire equipment Hire vehicles HV substation equipment HVAC and refrigeration services Hydro testing services Industrial cleaning Inspection and chemical analysis Inspection (third party independent) services Instrument, test equipment calibration and certification Instrument valves Insulation and protective coatings Leak testing Lifting equipment statutory inspection LNG marine loading arm service Logistics – third party Lubricant supplies Major equipment spare part supplies

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			<ul style="list-style-type: none"> • Manpower agency services • Mechanical services – site vehicles • NDT services • Nitrogen purging and testing services • Noise and vibration monitoring • On site machining • Oxygen and acetylene gas supplies • Painting and blasting • Pipe fittings supplies • Pipe pigging • Plant and equipment hire • Plumbing • Pneumatic instrument fittings • Portable appliance testing • Process controls – PSV and valve maintenance • Pumps and valves – refurbish metal works • Repairs – pipework and supports • Rope access • Rotating equipment alignment • Scaffolding • Security • Spare part analysis • Specialist cleaning • Storage and laydown facilities • Surveying services • Telecommunications and tower inspection • Thermoscan S/C HV Buz Bar thermal image work • Torquing equipment servicing

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Maintenance – Asset Management Systems Services	<p>Provision of assistance in Asset Management and the Maintenance System build tasks.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Providing Subject Matter Expert advisory services in the areas of: <ul style="list-style-type: none"> – Reliability centred maintenance; – Equipment criticality assessment; – LNG plant maintenance; and – Maintenance strategy and process development, optimisation and implementation; • Compiling, building, consolidating and optimising reoccurring planned maintenance job plans; • Authoring and reviewing 'Work Instructions' to be used in the field to support execution of maintenance tasks; • Gathering, vetting, cleansing and compiling maintenance and engineering data associated with equipment; • Carrying out spare parts assessments and compiling spare parts catalogue data; • Compiling equipment 'Bills of Materials' for use within the maintenance system and maintenance job plans; and • Building, reviewing, and editing the asset register based on equipment tag information. 	<ul style="list-style-type: none"> • Assetivity • LogiCamms • Nihar • Secora (Australasia) Pty Ltd 	<ul style="list-style-type: none"> • Training facilities • Training providers • Transport • Turbine repairs • Valve machining • Valve testing – hydrostatic and flow • Vehicle maintenance • Vibration analysis <ul style="list-style-type: none"> • Drafting • Electronic parts books • Risk consulting • Supply and logistics consulting. • Spare parts cataloguing • Work instructions writing • Engineering data cleansing

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Marine Navigation Aid Services	Provision of maintenance and repair services for marine aids to navigation. Scope could include items such as: <ul style="list-style-type: none"> • Supply of labour, marine transport and materials to maintain mechanical, structural and electrical components located above and below the water on marine navigational aids; • Maintain mechanical structures above and below sea level such as piled structures, floating buoys, anodes, mooring chains and blocks; • Maintain electrical items such as lights, batteries, solar panels and regulators; • Removal of marine growth; and • Survey of location of floating buoys is as per design. 	<ul style="list-style-type: none"> • Australian Maritime Systems Limited • Bhagwan Marine Pty Ltd • Fugro Australia Marine Pty Ltd • Neptune Marine Services Pty Ltd • Quest Maritime Services WA Pty Ltd 	(Services supplied in-house) <ul style="list-style-type: none"> • Equipment to remove marine growth • Electrical consumables
Marine Vessel Services	Provision of marine vessels to support operational activities and transfer of equipment and fuels under Master Charter. Scope could include items such as: <ul style="list-style-type: none"> • Offshore Vessel Inspection Database (OVID) registered and maintained marine vessels; • Provision of Anchor Handling Tug Supply (AHTS) vessels to support offshore operations; • Provision of Platform Supply Vessels (PSV) capable of close/safety standby and general supply vessel activities; • Provision and management of all crews/personnel, equipment, tools, materials, technical expertise and support services for the safe, efficient and effective transportation of freight; • Vessel mix capable of safely operating at nominated facilities for deep water wharf loadout/discharge; 	<ul style="list-style-type: none"> • Australian Offshore Solutions Pty Ltd • Bhagwan Marine Pty Ltd • DOF Subsea Australia Pty Ltd • GO Offshore Pty Ltd • Kotug Maritime Services • Maersk Supply Service • MMA Offshore Limited • Siem Offshore Australia Pty Ltd • Solstad Offshore ASA • Swire Pacific Offshore Pty Ltd 	<ul style="list-style-type: none"> • Labour Services • Marine Bunkering • Marine Maintenance • Provisioning • Shipwrights • Vessel Charter

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	<ul style="list-style-type: none"> • Readily scalable fleet mix capable of meeting changing freight demands (containerised and break bulk) with fleet mix consisting of various vessel types to best meet demand such as: <ul style="list-style-type: none"> – Ocean going tug(s) and barge(s), – Platform supply vessels preferably dual fuel vessels, – Offshore supply vessels, – Harbour tug/work boat(s), – General Cargo Carrier, – Fast Catamaran, and – Alternative vessel types including dual fuel technologies. • Mobilisation, demobilisation, fit out, modification, operation, provision of servicing and consumables for the marine vessels; • Vessel Repair and maintenance, including tools and diagnostic equipment, lashing gear, dunnage, deck fittings, spares, consumables and Class inspections; • Carriage of containerised (including reefers requiring three phase power), break bulk and out of gauge materials either double stacked (minimum) on deck or trailer/float/skid loaded; and • Carriage of bulk fuels (to be loaded by the contracted fuel supplier) with vessels engaged in the carriage of bulk hydrocarbons to be double hulled and certified to carry Jet A1 fuel above deck in appropriate ISO containers. 		

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Marine Vessel Services – Inspection, Maintenance and Repair (IMR)	<p>Provision of underwater Inspection, Maintenance and Repair (IMR) Vessel services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • IMR vessel services and field support for inspection, maintenance and repair of subsea assets; • Supply and operation of IMR vessel equipped with active heave compensated (AHC) crane for subsea equipment deployment and recovery; • Remotely Operated Vehicle (ROV) and Autonomous Underwater Vehicle (AUV) inspection, survey and intervention services; • Critical data management/data processing of underwater inspections and structural surveys including provision of survey data, videos, photographs and reports; • Air-diving operations for contingency scenarios; • Management of Operator owned tools and spares; • Provision of third party services; and • Project management and engineering. 	<ul style="list-style-type: none"> • DOF Subsea Australia Pty Ltd • Fugro Australia Marine Pty Ltd • Sapura Energy • Shelf Subsea Australia Pty Ltd • Subsea 7 i-Tech Australia Pty Ltd • Tamboritha Consultants Pty Ltd • TechnipFMC 	<ul style="list-style-type: none"> • Labour Services • Marine Bunkering • Marine Maintenance • Maintenance and support of ROV's • Provisioning • Shipwright • Survey services • Vessel Charter
Marine Vessel Services – Landing Craft Tank (LCT)	<p>Provision of Offshore Vessel Inspection Database (OVID) registered and maintained LCT vessels for transfer of equipment and fuels.</p> <p>Scope could include provision and management of items such as:</p> <ul style="list-style-type: none"> • Appropriately qualified crews and support services; • Equipment, tools and materials; • Vessel repair and maintenance including all required tools and diagnostic equipment, lashing gear, dunnage, deck fittings, spares, consumables and Class inspections; and • Supply, installation and approval, inspection and maintenance of operational and cyclone moorings. 	<ul style="list-style-type: none"> • Bhagwan Marine Pty Ltd • Fodico Marine Group • MMA Offshore Limited • Riverside Marine • Shorelands Group Pty Ltd • TAMS Group • Toll Energy & Marine Logistics 	<ul style="list-style-type: none"> • Labour Services • Marine Bunkering • Marine Maintenance • Provisioning • Shipwright

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<p>Marine Vessel Services – Light Well Intervention (LWI)</p>	<p>Provision of Light Well Intervention Vessel services to improve the production capability of a well or to address an unplanned well integrity event, such as:</p> <ul style="list-style-type: none"> • Re-perforating a well; • Setting a deep set plug in a well to temporarily suspend a well; and • Setting plugs to allow retrieval of subsea tree for repair, retrieving tree, running replacement tree and retrieving plugs. <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply of light well intervention vessel; • Supply of light well intervention subsea pressure control equipment; • Supply of third party intervention services (such as slickline, electric line and pumping services); • Provision of remotely operated underwater vehicle (ROV) services; • Project management to integrate the vessel, intervention equipment and third party services; and • The light well intervention vessel having capabilities such as: <ul style="list-style-type: none"> – Ideally dynamic positioning Class 3 (DP3) but at a minimum DP2; – Equipped with an active heave compensated crane capable of subsea trees to required water depth; – System to deploy and recover the light well intervention system and associated umbilicals and hoses; – System to suspend and compensate the slickline or electric line; – Adequate deck space for the associated control umbilicals, hoses and bleed off lines; and – System to manage hydrocarbons bleed back to the vessel (if required during interventions to prove or test a downhole barrier). 	<ul style="list-style-type: none"> • DOF Subsea Australia Pty Ltd • Fugro Australia Marine Pty Ltd • Sapura Energy 	<ul style="list-style-type: none"> • Intervention equipment • Labour Services • Marine Bunkering • Marine Maintenance • Provisioning • Shipwright

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Marine Vessel Services – Tugs and Pilot Boats	Provision and operation and maintenance of Tugs and Pilot Boats. Tug specifications could include: <ul style="list-style-type: none"> • Azimuth stern drive (ASD); • Navigation system; • Bollard pull; • Marine diesel; • Fire fighting capability; • Communications capability; • Design for operation in open sea conditions; • Dimensions; • Speed; and • Crew. Pilot Boat specifications could include: <ul style="list-style-type: none"> • Marine diesel, twin screw; • Navigation system; • Communications capability; • Passengers; • Design for operation in open sea conditions; and • Speed. 	<ul style="list-style-type: none"> • Kotug Maritime Services • Riverside Marine • Svitzer Australia Pty Ltd 	<ul style="list-style-type: none"> • Pilot boat • Labour Services • Marine Bunkering • Marine Maintenance
Marine Vessel – Smaller Utility Vessel Services	Provision of Marine Vessel Support services. Scope could include items such as; <ul style="list-style-type: none"> • Provision of smaller utility type vessels suited for nearshore operations; and • Provision of crew experienced in environmental surveys and equipment deployment. Activities supported could include: <ul style="list-style-type: none"> • Benthic towed video surveys of offshore reefs and shoals; 	<ul style="list-style-type: none"> • Australian Marine Services • Bhagwan Marine • Broome Marine Services • Empress Marine Pty Limited • Fodico Marine Group • Guardian Offshore AU Pty Ltd • Gun Marine 	<ul style="list-style-type: none"> • Labour Services • Marine Bunkering • Marine Maintenance • Shipwright

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	<ul style="list-style-type: none"> • Deployment of baited remote underwater video stations; • Deployment of sediment sampling equipment; • Visiting offshore islands for bird surveys and tagging; • Deployment water quality sampling equipment; and • Deployment of oil spill response equipment. 	<ul style="list-style-type: none"> • HSA Marine Pty Ltd (formerly Harbour Services Australia Pty Ltd) • Jetwave Marine Services Pty Ltd • Neptune Marine Services Pty Ltd • Oceanic Offshore Pty Ltd • Odyssey Marine Pty Ltd • Quest Maritime Services WA Pty Ltd • Riverside Marine • Rob Benn Holdings Pty Ltd • Shorelands Group Pty Ltd • TAMS Group 	
Marine Warranty and Technical Support Services	Provision of Marine Warranty and Technical Support services. Scope could include items such as: <ul style="list-style-type: none"> • Provision of marine warranty survey services such as document reviews and vessel surveys, including for towing/load outs and installation; • Delivery of required certification and final reporting; and • Provision of marine technical support services. 	<ul style="list-style-type: none"> • Delmar Systems Pty Ltd • DNV GL Australia Pty Ltd • LOC (Australia) Pty Ltd • Maritime Engineers Pty Ltd • Viking SeaTech 	(Services supplied in-house)
Maritime Training Support Services	Provision of Maritime Training Support services. Scope could include items such as: <ul style="list-style-type: none"> • Management and coordination of marine training and education programs; • Selection, recruitment, placement and rostering of marine personnel; • Sourcing of training berths for marine personnel to undertake on the job learning; and • Provision of technical support services 	<ul style="list-style-type: none"> • AML (Aboriginal Management and Logistics) • Australian Offshore Solutions Pty Ltd 	(Services supplied in-house)

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Material Operations and Distribution Centre Services	<p>Provision of personnel and equipment to undertake Material Operations and Distribution Centre services, including warehouse/yard and operations/inventory management.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Receipt, QA/QC, store, preserve, stocktake, pick, pack, issue, consign and dispatch materials and equipment; • Handling and storage of Dangerous Goods; • Quarantine remediation and preparation of materials; • Manage returns, repairables and disposals; • Use of material management systems and barcoding technology; • Stuffing, destuffing and handling of containers and other shipping assets within the facility; • Pick up and delivery of materials to plant drop points or within the local area; • Washpad operations (asset cleaning/quarantine remediation); • Staging of materials for maintenance activities; • Loading and unloading trucks and trailers; • Providing quarantine compliant operations; and • Providing cross dock services. 	<ul style="list-style-type: none"> • ASCO Australia Pty Ltd • Centurion Transport Co Pty Ltd • Toll Energy & Marine Logistics 	<ul style="list-style-type: none"> • Material handling equipment lease • Warehouse Storage racking • Specialised transport racks

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Mechanical Inspection	<p>Provision of Mechanical Inspection services for static pressure equipment in accordance with functional design, regulatory requirements and the safety case.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Inspection of pressure equipment covered by AS/NZS 1200 including: <ul style="list-style-type: none"> – Pressure vessels and associated pressure parts, controls and pipework covered by AS1210, NZS/BS5500, ANSI/ASME BPV-VIII-1 and as 2971 (serially produced vessels); – Pressure piping covered by AS 4041, ASME B 31.1, ASME B 31.3 and ASME B 31.8; and – Storage tanks built to ANSI/API 620 or equivalent; • Coating inspections, including QA/QC of maintenance activities associated with coating repair; • QC of pressure safety valves (PSVs); • Witness activities associated with maintenance activities on pressure equipment; and • Provision of project management personnel for inspection activities. 	<ul style="list-style-type: none"> • ALS Industrial Pty Ltd • Applus • B.I.E. International (Aust) Pty Ltd • Bureau Veritas • GPA Engineering • GQS • Industrial Plant & Service (IPS) Australia Pty Ltd • Oceaneering Australia Pty Limited • PPI Australia Pty Ltd • Vertech Group Pty Ltd • Wittrading STACE Pty Ltd 	<ul style="list-style-type: none"> • 4WD mine vehicles • Aerial work platform equipment • Cultural awareness training • Industrial consumables • Metallurgical services • NDT services • NDT consumables • NDT equipment • Personnel protective equipment (PPE) • Rope access services • Scaffolding • Specialised inspection services • Testing equipment • Testing equipment calibration
Mercury Adsorbent Supply and Disposal	<p>Provision of Mercury Adsorbent Supply, Disposal and support services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply of products for planned and unplanned events, including: <ul style="list-style-type: none"> – Pre-sulphided (CuS) mercury adsorbent; and – Ceramic balls; • Oversight services on site during loading and unloading; • Supervise, coordinate and develop procedures for transportation, delivery and transfer of adsorbents; 	<ul style="list-style-type: none"> • Alchemy Trading Company Pty Ltd • Axens Pty Ltd • BMT Mercury Technology Pty Ltd • CETCO Oilfield Services Pty Ltd • Contract Resources Pty Ltd • GLP Group Pty Ltd • Johnson Matthey (Australia) Ltd • STM New Zealand Ltd 	(Proprietary product supply and disposal)

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	<ul style="list-style-type: none"> • Conduct audits for fittings and vessels for compatibility to the bulk adsorbent supply; • Provide onsite testing procedures related to mercury adsorbent; • Develop field and laboratory QA, QC and active ingredient residual testing procedures for use in the laboratory; • Provide onsite safe handling and emergency procedures for handling of mercury adsorbent; • Provide input to auditing and confirmation that all emergency equipment is on site and fully functional, and make recommendations for any required improvements; • Assist in resolving any onsite problems with the use of mercury adsorbent; • Provide offsite/onsite training regarding the use of mercury adsorbent, including safe handling and emergency procedures; • Provide procedure for safe loading and unloading and storage of the adsorbent; • Provide procedure for start-up/dry out; and • Dispose or reprocess spent adsorbent and ceramic balls. 		
Metocean Services	Provision of Metocean services to monitor sea tides and currents and maintain meteorological and oceanographic systems.	<ul style="list-style-type: none"> • Fugro Australia Marine Pty Ltd • Metocean Services International Pty Ltd • RPS 	<ul style="list-style-type: none"> • Labour Services • Marine Bunkering • Marine Maintenance • Provisioning • Vessel provision

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Non-Destructive Testing (NDT) Services	Provision of Non-Destructive Testing (NDT) services. Scope could include items such as: <ul style="list-style-type: none"> • Inspection; • Non-destructive testing; • Metallurgical services; • Cathodic protection; • Corrosion management; • Third party verification; • Welding engineering; • Remote inspection; • Rope access; • NDT of pressure equipment covered by AS/NZS 1200 including <ul style="list-style-type: none"> – Pressure vessels and associated pressure parts, controls and pipework covered by AS1210, NZS/BS5500, ANSI/ASME BPV-VIII-1 and as 2971 (serially produced vessels); – Pressure piping covered by AS 4041, ASME B 31.1, ASME B 31.3 and ASME B 31.8; and – Storage tanks built to ANSI/API 620 or equivalent; • NDT rotating equipment such as pumps and compressors; • Ad-hoc NDT services for workshop (fabricated spooling, welder qualifications); • Magnetic particle inspection (MT); • Liquid penetrant examination (PT); • Radiographic examination (RT); • Ultrasonic examination (UT), including: <ul style="list-style-type: none"> – Time of flight diffraction (TOFD); – Phased array; and – Long range UT (guided wave) 	<ul style="list-style-type: none"> • ALS Industrial Pty Ltd • Applus • ATTAR – Advanced Technology Testing and Research • Bureau Veritas • LMATS Pty Ltd • Minteg • Obadare Group • Oceaneering Australia Pty Limited • Stork Technical Services Australia Pty Ltd • Vertech Group Pty Ltd • Wood 	<ul style="list-style-type: none"> • 4WD mine vehicles • Aerial work platform equipment • Cultural awareness training • Industrial consumables • Mechanical testing • Metallurgical services • NDT consumables • NDT equipment • Personnel protective equipment (PPE) • Rope access service • Scaffolding • Specialised inspection services • Testing equipment • Testing equipment calibration • Unmanned aerial vehicles (UAVs)/drones

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<p>Occupational Hygiene Services</p>	<ul style="list-style-type: none"> Acoustic emission (AE); Eddy current testing (ET); Electromagnetic examination (ACFM, SLOFAC); Non-intrusive inspection (NII) strategies; and Visual examination (VT). <p>Provision of Occupational Health and Hygiene services to anticipate, recognise, assess, communicate and control workplace environmental stressors that may result in injury, illness, impairment or any other ill affect to any person.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> Occupational hygiene monitoring and sampling; Occupational hygiene services, education and training; Occupational hygiene consultancy; Asset health exposure assessment; Engineering and occupational noise surveys; Natural occurring radioactive material (NORM) surveys; Dangerous goods audits; Reviewing chemical approvals; Fit testing respiratory protective equipment and hearing protection devices; Assisting in Occupational Hygiene document creation/review; Review of potable water management; Radiation protection advisor services; Food safety reviews; Occupational hygiene equipment management and hire; Laboratory analysis services for occupational hygiene monitoring; and Secondment of resources. 	<ul style="list-style-type: none"> Aspen Medical Coffey Services Australia Pty Ltd Greencap Pty Ltd Occuhealth Pty Ltd 	<ul style="list-style-type: none"> Analytical services Audiometric assessments Corporate health audits Dangerous goods audits and advice Drinking water management plan development Environmental noise surveys Environmental services including specialised Contaminated land advice Medical equipment hire Fall protection engineered solutions Hearing and eye testing Laboratory analysis Laboratory drug and alcohol screen Large project requirements for safety services Mechanical vibration OHS services Physiotherapy assessments Pre-employment medicals Respiratory fit test service Safety audit systems Specialised radiation assessments Specialist engineering controls Spirometry

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Oil Spill Contingency Services	Provision of Oil Spill Contingency services. Scope could include items such as: <ul style="list-style-type: none"> • Assistance with design, documentation and implementation of Oil Spill Preparedness Program; • Assistance with the development of Oil Spill Contingency Plans. • Assistance with the development and facilitation of Oil Spill training programs including: <ul style="list-style-type: none"> – International Maritime Organisation (IMO) International Convention on Oil Pollution Preparedness, Response & Co-operation (OPRC) (IMO – OPRC) Level 1, Level 2 and Level 3; – Shoreline cleanup, response and Shoreline Cleanup & Assessment Technique (SCAT); – Aerial Surveillance; – Oiled wildlife response training; and – Incident command system training; • Assistance with development and facilitation of drills and exercise program; and • Secondment of personnel to support oil spill planning activities. 	<ul style="list-style-type: none"> • Australian Marine Oil Spill Centre Pty Ltd • Oil Spill Response Limited • RPS 	<ul style="list-style-type: none"> • Air Charter • Equipment to contain Oil spill • Labour support for onshore cleanup • Specialised labour
Oil Spill Response Equipment and Maintenance	Provision of Oil Spill Response Equipment and Maintenance services. Scope could include supply, maintenance and training for equipment such as: <ul style="list-style-type: none"> • Booms and associated equipment; • Water sampling kits; • Storage boxes, tanks and containers; • Personal protective equipment; • Offshore rated skimmers; and • Tracker buoys. 	<ul style="list-style-type: none"> • Argyle Commercial Enterprises • Australian Marine Oil Spill Centre Pty Ltd • Bulbeck Enviro • Global Spill Control Pty Ltd • Oil Spill Response Limited 	(Equipment supply in-house)

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<p>Painting, Coating, Insulation and Fireproofing</p>	<p>Provision of Painting, Coating, Insulation and Fireproofing repairs and services.</p> <p>Services (either spot or full re-coat) could be required for the following:</p> <ul style="list-style-type: none"> • Piping (carbon steel and stainless steel, above ground and below ground); • Carbon steel vessels and tanks; • Stainless steel, high alloy, non-ferrous vessels and tanks; • Rotating equipment; • Linings (i.e. potable water); and • Structural steel. <p>Services could include items such as:</p> <ul style="list-style-type: none"> • Provision of paint systems; • Surface preparation and touch up of equipment and steelwork; • Surface preparation, priming, touch up and final coating of pipework; • Application of terminal sprayed aluminium; • Insulation of high and low temperature equipment and piping; • Application of passive fireproofing coatings; • Removal and stripping of paint and insulation products; • Blasting services (dry abrasive, wet abrasive, high pressure water blast); • Provision of coating applicators, supervisors and coating inspectors; • QA coating services (pre-blast inspection, post blast inspection, inspection of coating systems); • Operating and maintaining a maintenance planning system; 	<ul style="list-style-type: none"> • Cape Australia Onshore Pty Ltd • Civmec Construction & Engineering • KAEFER Integrated Services Pty Ltd • Legeneering (Aust) Pty Ltd • MAS (an AusGroup Company) • Monadelphous • Orontide Group Limited • PCM Group Pty Ltd • Stork Technical Services Australia Pty Ltd 	<ul style="list-style-type: none"> • Abrasive blasting • Access equipment • Blasting equipment • Cladding and insulation services • Coating applications • Coating times and curing mechanisms • Composite repair • Corrosion monitoring and corrosion protection • Corrosion under insulation (CUI) monitoring and repair • De humidifiers • Elastomeric urethane/polyurea coatings • Elevated work platform (EWP) supply/hire • Environmental testing • Film thickness measurement instrumentation • General transport • Generators • HP and UHP water jetting • High and low voltage testing instrumentation • Hose and fitting suppliers • Hydro blasting • Industrial spray painting equipment • Inspection project documentation • Intrinsically safe equipment • Material supplies • NACE inspection services • OH&S and related standards • Plant and structure fabric maintenance • Product technical data sheets and MSDS

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	<ul style="list-style-type: none"> Scaffolding services; and Rope access services. 		<ul style="list-style-type: none"> Pump supplies Rope access services Scaffolding Specialised coating suppliers Surface preparation services Surface preparation instrumentation Third party independent review
Personal Protective Equipment (PPE) Supply	Provision of Personal Protective Equipment (PPE) and other HSE related materials such as related to protection of: <ul style="list-style-type: none"> Head – hard hat; Face and eye – safety spectacles; Foot – safety boots; Hand – gloves; Hearing – earmuffs; Respiratory; Fall protection; and Flameproof and protective clothing – coveralls, shirt and pants. 	<ul style="list-style-type: none"> ATOM Supply Blackwoods (J Blackwood & Son Pty Limited) Bunzl Safety Cole Workwear Pty Ltd Countryman Safety DNOW Australia Pty Ltd Hartac Sales & Distribution Pty Ltd Heatley Sales Pty Ltd Integrated Industrial Pty Ltd MacNellie's Workplace Safety Safeman Australia Pty Ltd Wiltrading STAGE Pty Ltd 	<ul style="list-style-type: none"> Assorted rehydration Bollards Breathing apparatus Bunting Disposable coveralls various Drink bottles Electrical and valve lockout kits Embroidery services Emergency showers Eskies Eye protection Eye wash station Face protection Fall arrest equipment Fall protection Fire extinguishers First aid supplies Footwear Gas detectors Hand protection Head protection – hard hats

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			<ul style="list-style-type: none"> • Hearing protection • Knives and blades • Lanyards, harness, anchorage and fall arrestors • Personal insect repellent • Reflective tape • Respiratory protection • Safety clothing • Safety step • Shovels • Signage • Spill kits • Spot marking paint • Stickers • Sun protection • Tapes • Truck spill kits • Uniforms and clothing • Welding gear
Personnel (Temporary)	Provision of temporary personnel in the following types of categories: <ul style="list-style-type: none"> • Clerical and administrative • Engineering, technical and tradespeople • Professional and executives • Information and communications technology. 	<ul style="list-style-type: none"> • AirswiftAML (Aboriginal Management and Logistics) • Atlas Professionals • Black Gold Solutions Pty Ltd • Brunel Energy Pty Ltd • CGH Services Pty Ltd • Chandler Mcleod Group Ltd • Competentia • ChoiceOne Pty Ltd • Dare Holdings Pty Ltd 	<ul style="list-style-type: none"> • HSE inductions • Industry training and tickets such as for dangerous goods, basic offshore safety induction and emergency training (BOSIET) and survival at sea • Cultural awareness training • Pre-employment medical examinations • Psychometric testing and assessment of personnel

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		<ul style="list-style-type: none"> • Energy Resourcing Australia Pty Ltd • Fendley Consultancy Pty Ltd • Fircroft Australia Pty Ltd • Hays Specialist Recruitment (Australia) Pty Ltd • NES • Orion Engineering Services • Patch Personnel Pty Ltd • Programmed Skilled Workforce • Scotford & Fennessy • Talent International Pty Ltd • WorkPac Pty Ltd 	
Piping and Fittings Supply	<p>Supply of Piping and Fittings.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply of piping, fittings and associated materials, including: <ul style="list-style-type: none"> – Piping (various grades), flanges and blanks; – Tubing, hoses and fittings; – Bolts, gaskets, fittings and associated materials; and – Adaptors, reducers and specialised connectors; • Stock holding of critical and/or high usage products; and • Capability to supply non-stock items with minimal lead times. 	<ul style="list-style-type: none"> • Australasian Fittings and Flanges (AFF) • Composite Pipe Systems Australia Pty Ltd • Iplex Pipelines Australia Pty Ltd • LFF Brisbane Pty Ltd • MRC Global Australia Pty Ltd • Ozlinc Industries Pty Ltd • PFP (Aust) Pty Ltd • Prochem Pipeline Products Pty Ltd • Project Materials Australia Pty Ltd • Specialised Pipe and Fittings Australia Pty Ltd • Vinidex Pty Ltd 	<ul style="list-style-type: none"> • Inspections and testing – third party • Logistics services

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Piping and Pipeline Isolation and Intervention	<p>Provision of Piping and Pipeline Isolation and Intervention services. Scope could include items such as:</p> <ul style="list-style-type: none"> • Specialty engineering services for piping and pipeline integrity maintenance; • Personnel, equipment and products for the maintenance, repair and modification of oil and gas installations and pipelines onshore and offshore. • Isolation and intervention services for onshore and offshore including: <ul style="list-style-type: none"> - Pressurised pipeline isolation, - Hot tapping and plugging, - Pipeline plugging and stoppling services, - Piping and pipeline repair and maintenance, - Design, manufacture and supply of products, - Spares and consumables, - Project management, scheduling and engineering, - Feasibility studies and contingency planning, and - Reporting and compliance. 	<ul style="list-style-type: none"> • Furmanite Australia Pty Ltd (now TEAM) Australia Pty Ltd • Halfwave • IC Integrity Pty Ltd (IAS and ICR Integrity Joint Venture) • OSD Pipelines Limited (100% owned subsidiary of LogiCamms Limited) • STATS Group 	<ul style="list-style-type: none"> • Equipment supply • Specialised Labour • Vessel charter
Power Generation Services	<p>Provision of electric utility production, operation, maintenance, and distribution services. Scope could include items such as:</p> <ul style="list-style-type: none"> • Operation, maintenance, parts procurement and remediation of power station, which includes several generators, gas compressors, switchgear, and various distribution transformers; • Operation, maintenance, parts procurement and remediation of overhead distribution power lines; and • Potential turnkey projects to remove old equipment and design, procure, install, and commission of new equipment, including generators, gas compressors, and control systems. 	<ul style="list-style-type: none"> • Aggreko • Zenith Pacific Pty Ltd 	<ul style="list-style-type: none"> • Cranage • HV terminations • Lifting equipment • Specialised Electrical and Operational Labour • Type B gas approvals and connections

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Pressure Testing/Leak Detection Services	<p>Provision of specialised Pressure Testing Services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Testing for new or existing pipework, vessels or other equipment; • Testing after emergency repairs, during or after turnaround events or as part of QA/QC program; • System purging with inert gas; • Nitrogen, nitrogen/helium or helium leak testing; • Hydrostatic pressure testing; • Pneumatic pressure testing; • Pressure testing witnessing; • Test procedure and work pack development; • Provision of equipment, materials, and tooling to conduct pressure testing; • Provision of test medium; • Onsite personnel for specialised pressure testing services; and • Documentation for test packs and criteria, performance and certification; and • Training offsite/onsite. 	<ul style="list-style-type: none"> • APTS Pty Ltd • Baker Hughes GE • Eftech International Pty Ltd • EnerMech Pty Limited • iPipe Services Pty Ltd • Pressure Dynamics 	<ul style="list-style-type: none"> • Monitoring equipment for leak detection
Pump Maintenance and Repair	<p>Provision of Pump Maintenance and Repair services covering the onsite and offsite repair and overhaul of process and auxiliary pumps, to ensure the integrity, reliability, and efficiency of the equipment. Multiple service agreements can be required in order to cover the technical variation in equipment and provide sufficient capacity for a large pump population.</p> <p>Services provided onsite could include:</p> <ul style="list-style-type: none"> • Isolation and blanking by mechanical trades personnel; • Removal of the pump from the process unit; • Fault identification; • Root cause of failure identification and report; 	<ul style="list-style-type: none"> • Australian Fluid Handling Pty Ltd • EDgineering • Hydro Australia Pty Ltd • Industrial Plant & Service (IPS) Australia Pty Ltd • ITT Blakers • Sulzer Pumps Pty Ltd • The Pump House • Thompsons Kelly & Lewis Pty Ltd (Trading as Flowserve Pump Division) • United Pumps Australia 	<ul style="list-style-type: none"> • Electric motor repair and rewind • Foundry – castings • Heat treatment • Machining • Metallurgical assessment • NATA accredited balancing • Non-destructive testing (NDT) • Oil analysis • Painting • Pump spare parts

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	<ul style="list-style-type: none"> Machine overhaul; and Re-installation, de-isolation, and handover to operations. <p>Repairs completed at an offsite workshop could include:</p> <ul style="list-style-type: none"> Fault identification; Root cause of failure identification and reporting; Machine overhaul; Liaison with mechanical seal vendors for overhaul of seals; Fabrication of parts, such as shafts and wear rings (Supplier licence permitting.); and Preparation for transport, including quarantine inspection and certification. <p>Other services could include items such as:</p> <ul style="list-style-type: none"> Training of technicians and engineers; Quarantine management; Procurement and storage of spares parts; and Overhaul of entire skid (for smaller packaged equipment). 		<ul style="list-style-type: none"> Sand blasting Seal refurbishment Specialised coatings Specialised welding Valve maintenance Vibration monitoring
<p>Pump Supply and Spares</p>	<p>Provision of Pumps and Pump Spares, including original equipment manufacturer (OEM) Pump Spares.</p> <p>Type of pumps include:</p> <ul style="list-style-type: none"> Controlled volume pumps; Cryogenic pumps; Progressive cavity pumps; Sea water supply pumps; Centrifugal fire water pumps; and Well head injection pumps. 	<ul style="list-style-type: none"> Aussie Fluid Power Australian Fluid Handling Pty Ltd Fluid Control Sales & Installations Pty Ltd ITT Blakers KSB Australia Pty Ltd Solar Injection Australia Pty Ltd Sulzer Pumps Pty Ltd The Pump House Thompsons Kelly & Lewis Pty Ltd (Trading as Flowserve Pump Division) United Pumps Australia Weir Minerals Australia Ltd Winnellie Hydraulics 	<ul style="list-style-type: none"> Customs formality management and Customs clearance Including quarantine Fabrication and welding Machining NDT Packing materials Pump parts including impellers, wear discs, wear rings, casings, shaft sleeves, shaft seals, bearing covers, O-rings, radial shaft, seals, seal housings, coupling elements Pump repair and overhaul services Quarantine wrapping services Reverse engineering services Road, air and sea transport Root cause analysis

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<p>Quality Control and Inspection Services</p>	<p>Provision of Quality Assurance/Quality Control (QA/QC) and integrity Inspection services.</p> <p>Services could include items such as:</p> <ul style="list-style-type: none"> Supporting procurement of equipment, materials and spares: <ul style="list-style-type: none"> Within Australia; and On global basis requiring a presence in major oil & gas manufacturing centres; Coordination of QC and inspection plan and all onshore and offshore activities; QA/QC and lifting inspections of drilling and well completion tools/equipment undertaken either at supply base or other contractors' facilities; Assigning and managing QC and inspection activities; Management of inspection data and maintenance of data management tools; Provision of QA/QC system and other system summary reports; Progress tracking, management of non-conformances and reporting; and Provision of equipment, consumables and associated hardware to deliver the services. <p>Scope could include:</p> <ul style="list-style-type: none"> Non-destructive examination (NDE) with NATA certification – including magnetic particle inspection (MPI), dye penetrant inspection, ultrasonic testing (UT), eddy current inspection (ECI), conventional and digital radiography, and boroscope inspection; 	<ul style="list-style-type: none"> ALS Industrial Pty Ltd Applus B.I.E. International (Aust) Pty Ltd DNV GL Australia Pty Ltd Fearnley Procter Australia Pty Ltd GQS Horizon Resources International Pty Ltd Intertek Testing Services (Australia) Pty Ltd Lloyds Register International LOC (Australia) Pty Ltd Oceaneering Australia Pty Limited Oil & Gas Solutions Pty Ltd (OGS) PPI Australia Pty Ltd Stork Technical Services Australia Pty Ltd Vertech Group Pty Ltd Vipac Engineers and Scientists Limited 	<ul style="list-style-type: none"> Consumables and equipment to perform NDT testing Unmanned aerial vehicle (UAV) services

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	<ul style="list-style-type: none"> Advanced NDE including automated UT (AUT), acoustic emission detection, infrared thermography, phased array ultrasonic, corrosion mapping, tube inspection, optical visual inspection, unmanned aerial vehicle (UAV), specialist visual inspection equipment, but not limited to UAV's, SLOFEC acoustic emission, CHIME, EMAT and time of flight diffraction (ToFD); Rope access to complement inspection services; Visual inspection including general visual inspection (GVI), close visual inspection (CVI) and remote visual inspection (RVI); Confined space entry (CSE) inspection; Vendor Inspection including design review, review of material certificates, attendance, supervision or performance of mechanical or functional tests in both Australia and overseas; and Marine class inspection/NDT to support marine class compliance activities. 		

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Quality Measurement and Instrumentation (QMI) Support	Provision of Quality Measurement Instrumentation (QMI) support. Scope could include items such as: <ul style="list-style-type: none"> • Third party contract management e.g. equipment providers, measurement, online analytical and laboratory related; • Independent witness of calibration and verification; • Design and engineering support; • Flow measurement consultancy support; • Accredited auditing services with measurement system experience; • Measurement training services with competency-based assessment capabilities; and • Supply of QMI technicians for maintenance support and mentoring company technicians. 	<ul style="list-style-type: none"> • ABB Australia Pty Limited (Measurement and Analytics) • AMS Instrumentation & Calibration Pty Ltd • CAC Gas & Instrumentation • Emerson Process Management Australia Pty Ltd • Gastech Pty Ltd • MetSolv Pty Ltd • Synertec 	<ul style="list-style-type: none"> • Engineering services • Gas monitoring equipment and servicing • Instrumentation materials management • Laboratory equipment and maintenance services
Quarantine Services	Provision of quarantine services. Quarantine services could cover: <ul style="list-style-type: none"> • Food and perishables; • Personnel and accompanying luggage; • Sand, aggregate and rock; • Plant and mobile equipment (complex and non-complex); • Skid, steel and loose equipment (including pipe); • Special and sensitive goods and equipment; • Airfreight; • Containerised goods and equipment; • Crated goods and equipment; • Direct shipments; • Prefabricated modules; • Personnel transfers from offshore platforms (vessels, helicopters/aircraft); and • Marine vessels (topsides and wetsides). 	<ul style="list-style-type: none"> • Cleanaway Pty Ltd • CTI Logistics Limited • Depth Logistics Pty Ltd • Quayside Logistics • Qube Energy Pty Ltd • Shorpak Pty Ltd • Stevenson Logistics Pty Ltd • Toll Energy & Marine Logistics 	<ul style="list-style-type: none"> • Pest control • Shrink wrap supplies • Waste containers

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	<p>Services could include items such as:</p> <ul style="list-style-type: none"> • Provision of services on site or at off-site contractor premises; • Inspections of materials and equipment; • Remediation of materials and equipment to remove quarantine risk material; • Provision of quarantine treatments including preventative and remedial fumigation; • Infrastructure to support quarantine activities such as certified pallet/container inspection stands and wash pad; • Shrink wrap, crate or containerise materials and equipment; and • Prepare and maintain documented processes addressing: <ul style="list-style-type: none"> – Vegetation and weed control; – Pest/rodent control; – Protection and/or isolation of cargo from potential sources of quarantine risk material; – Quarantine housekeeping of facility; – Record management; – Audit or internal compliance monitoring; and – Accreditation and competency of Quarantine Inspectors. <p>Treatment services could include:</p> <ul style="list-style-type: none"> • Application of residual insecticide treatment; • Application of one-shot and knockdown insecticide dispensers; • Installation of rodent bait stations to enclosed cargo; • Molluscicide treatments; • Application of pestigas treatment to enclosed cargo; • Fumigation treatments; and • Pest and weed control treatments. 		

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Quarantine Services – Pest and Weed Treatment	Provision of Quarantine Pest and Weed Treatment services. Scope could include items such as: <ul style="list-style-type: none"> • Application of residual insecticide treatment; • Application of one-shot and knockdown insecticide dispensers; • Installation of rodent bait stations to enclosed cargo; • Molluscicide treatments; • Application of pestigas treatment to enclosed cargo; • Fumigation treatments; and • Pest and weed control treatments. 	<ul style="list-style-type: none"> • Allpest WA • All Rid Pest Management • Crowne Pest Control • Maxwell and Robinson and Phelps • Termico Pest Management Pty Ltd 	<ul style="list-style-type: none"> • Containers for quarantined items • Insecticides
Refractory Services	Provision of Refractory services. Scope could include items such as: <ul style="list-style-type: none"> • Refractory management; • Refractory inspection; • Refractory and anchor installation; • Onsite personnel for inspection and maintenance of refractory; • Supply of refractory material required for repairs and maintenance; • Equipment, materials and tooling required to conduct inspection and maintenance of refractory in process vessels; and • Flexible and scalable service to meet requirements of day to day operations and maintenance, campaign maintenance and shutdown/turnaround work. 	<ul style="list-style-type: none"> • AGC • Civmec Construction & Engineering • Veolia Environmental Services (Australia) Pty Ltd 	<ul style="list-style-type: none"> • Monitoring equipment for inspection services • Rigging services • Rope Access • Scaffolding • Specialised Labour • Supply of Refractory

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Refrigerants (Bulk) Supply	Provision of Bulk Refrigerants Scope could include items such as: <ul style="list-style-type: none"> • Source, supply and deliver propane refrigerant, ethylene refrigerant, and liquid nitrogen; • Source and supply products in specified packaging/containers; • Deliver the products at delivery point; and • Provide product support to purchaser's personnel. 	<ul style="list-style-type: none"> • Air Liquide Australia Pty Ltd • BOC Limited • IXOM Operations Pty Ltd • Supagas Pty Limited • Wesfarmers Kleenheat 	<ul style="list-style-type: none"> • Bulk Containment • Freight haulage • Tankage Transport Trailers
Relocation Services	Provision of Relocation services to ensure smooth transition for employees and their families being mobilised and/or demobilised. Scope could include items such as: <ul style="list-style-type: none"> • Pre-departure coordination of freight, flights and accommodation; • Orientation and provision of support for employee and their families to assist their integration into the local community; • Counselling for employees on eligible relocation benefits; • Market intelligence and reporting; • Expense administration – auditing invoices, processing of expense reports and reporting, including tracking actual cost performance, monitoring trends and exceptions to assist in process enhancement; • Management of recurring payments – ongoing review, audit tracking and reporting of payments; • Home search – assist in locating suitable homes, including orientation and bond payment/recovery; • Lease contract preparation, property management and lease cancellation assistance; 	<ul style="list-style-type: none"> • AussieOS Global Mobility Services • Crown Worldwide (Aust) Pty Ltd • Santa Fe Relocation • SIRVA Pty Ltd 	<ul style="list-style-type: none"> • Hire of Household goods • Household goods management to move and set up • Removalists • Short term accommodation • Vehicle hire

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	<ul style="list-style-type: none"> • Education search/assistance – assist in locating suitable schools and enrolment process; • Household goods move management – storage, shipments (domestic only), removal services; • Temporary living assistance – coordination of interim housing arrangements; • Assignee services – furniture hire, welcome packs (domestic and international), airport transfers, language training, cultural training programs, car hire and driving lessons and insurance; and • Exception management – gather exception information and precedent, route exceptional approval, track exception adjudication. 		
Remotely Operated Vehicle (ROV) Services	Provision of Remotely Operated Vehicle (ROV) services. Scope could include ROV services such as in: <ul style="list-style-type: none"> • Drill support; • Completion services; • Abandonment services; • Construction; and • Inspection, maintenance and repair (IMR). 	<ul style="list-style-type: none"> • ALS Industrial Pty Ltd in collaboration with AUS-ROV Group • DOF Subsea Australia Pty Ltd • Fugro Australia Marine Pty Ltd • Neptune Marine Services Pty Ltd • Oceaneering Australia Pty Limited • Subsea 7 i-Tech Australia Pty Ltd • Tamboritha Consultants Pty Ltd • TAMS Group • Total Marine Technology Pty Ltd • Vertech Group Pty Ltd 	<ul style="list-style-type: none"> • Electrical supplies • Fluid oil supply • Hydraulic hose supply • Machining

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
Rigging & Lifting Equipment Services	<p>Supplying, maintaining and inspecting of Rigging and Lifting Equipment.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply and maintain database for relevant certification; • Engineering services – design and fabricate lifting equipment, lift audits, and develop processes and procedures; • Inspection services – load testing, calibration, certification of lifting and rigging equipment, overhead cranes, davits, hoisting equipment, plant equipment, marine mooring equipment and OEM special tools; • Provide basic maintenance training • Implement and execute QA/QC processes for rigging and lifting equipment; • Supply of product including slings, chains, load restraints, materials handling, electronic load measuring equipment, and hoisting, mooring and marine lifting equipment; • Supply of spare parts for rigging and lifting equipment, cranes (i.e. overhead, davits), OEM special tools and plant equipment; • Manage quarantine compliance for rigging and lifting equipment; • Maintenance/overhaul services – overhead cranes, davits, plant equipment, rigging and lifting equipment and OEM special tools; and • Project management – coordinate freight, quarantine, inspections, maintenance and overhauls. 	<ul style="list-style-type: none"> • A Noble & Son Ltd • Bullivants Pty Ltd • Redspear Safety Pty Ltd • Sparrows Group 	<ul style="list-style-type: none"> • Cranes and derricks, crane lifts assistance • Demolition rigging • Fabrication (including painting or galvanising) of spreader bars, lifting beams, baskets, goods cages and personnel cages • Helicopter lifting • Industrial safety nets • Inspection and testing of rigging equipment. • Plant, equipment and structures • Powered or mechanical lifting and hoisting system • Risers, spools and pipes • Steel erection

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
Rope Access Inspection Services	Provision of Rope Access Inspection services. Scope could include items such as: <ul style="list-style-type: none"> • Undertake rope access inspections of plant and cargo which cannot be readily inspected from the ground or via elevated work platforms; • Conduct quarantine inspection and remediation of cargo; and • Provide adhoc vessel in-transit inspection services. 	<ul style="list-style-type: none"> • All Areas Access • Vertech Group Pty Ltd • Vertical Services Pty Ltd 	<ul style="list-style-type: none"> • Accommodation and travel services • Borescope inspection • Calibrations of testing equipment • Coating condition monitoring • Corrosion monitoring • Courier and freight services • Dropped object surveys • Engineering assistance • Fall arrest and rope access systems • Height safety equipment • Height safety system audits and annual inspections to AS/NZS, OHS regulations • Height safety system design and installation • Hose pressure testing • Industrial rope access training • Ladder systems • Lifting and rigging equipment • Lifting gear inspection and testing • Lifting registers • Load testing and certification to AS/NZS 4488.2-1997 and AS/NZS 1891.4-2000 • Manufacture of specialised and designed equipment (project specific) • Non-destructive testing (Mpi, Dpi, Eddy, Ut, Rt) • Occupational health services • Porosity (Holiday) detection • PPE and safe work wear • Signage and marketing • Supplementary personnel

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
Safety Equipment Services	<p>Provision of specialist Safety Equipment services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Maintenance, inspection, testing and certification services; • Supply of replacement loose specialist safety equipment; • Sparing, stock holding and preservation; • Remote and onsite technical and engineering support associated with maintenance, inspection, testing, certification, purchase, supply and storage of specialist safety equipment • Provision of training; and • Maintain registers to ensure compliance. <p>Specialist safety equipment could include:</p> <ul style="list-style-type: none"> • Life jackets; • Grab bag's (including smokehoods); • Emergency escape breathing devices (EEBDs); • Line throwing devices; • Lifeboats; • Lifebuoys; • Fire fighting equipment (BA sets, long line and compressors); • Fire extinguishers (lay flat hoses, hydrants and signage); • High voltage/low voltage (HV/LV) rescue equipment; • Rig descenders; • Encapsulation/wrapping materials; and • Pressurised welding enclosures and environmental containment enclosures. 	<ul style="list-style-type: none"> • Australian Safety Engineers • Norsafe Australia Pty Ltd • Regional Asset Maintenance Services Pty Ltd • Safehouse (Australia) • Wiltrading STACE Pty Ltd 	<ul style="list-style-type: none"> • Tagging supplies (plastic, aluminium) • Thermal imaging • Training services • Vertical and horizontal static lines <ul style="list-style-type: none"> • Refer to the list of possible specialist safety equipment

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
Safety Training Services	<p>Provision of onshore and/or offshore Safety Training and assessment services.</p> <p>Services could include items such as:</p> <ul style="list-style-type: none"> • Training and assessment activities conducted by a Registered Training Organisation (RTO); and • Training conducted in an active learning environment with a variety of exercises, case studies, and examples applicable to the work place, including where possible, specifically tailored to the various working environments; <p>Safety training and assessment courses could include regarding:</p> <ul style="list-style-type: none"> • Occupational first aid, CPR, resuscitation, emergency life support; • Manual handling; • Injury prevention; • Drops and working safely at heights; • Free fall passenger; • Hazardous materials • Fire extinguisher, fire team leader/member and fire and wildfire incidents; • Incident response, emergency incident and information management; • Respond to a helideck incident; • Survival craft, life boat and fast rescue boat; • Rescue (confined space, fire control and emergency, road crash, vertical and live low voltage panel rescue); • Confined space entry; • Gas test atmosphere; • Breathing apparatus and compressed air emergency breathing system; 	<ul style="list-style-type: none"> • ERGT Australia Pty Ltd • IFAP • Lifeaid Pty Ltd • Saferight Pty Ltd • Site Group International Limited • St John Ambulance • Wild Geese International Pty Ltd 	<p>(Services provided in-house)</p>

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
	<ul style="list-style-type: none"> • Electrical equipment in hazardous areas (EEHA); • High risk work licenses (Application, boom type elevated work platform, dogging, forklift truck, rigging and scaffolding); • Working in accordance with an issued permit; • Local risk control; • Commercial vehicle operation; • Offshore safety induction and emergency training, including tropical; • Safety and health representative (offshore and onshore); and • White Card (online). 		
Scaffold Supply and/or Hire	<p>Supply and/or Hire of Scaffold.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply scaffolding including: <ul style="list-style-type: none"> – Tube and clip; – Kwikstage; – Aluminium; – Mobile scaffolds; • Erection and dismantling of scaffolding; • Onsite inspection of scaffolding after use to confirm suitability for continued use; • Scaffold management service – on site or external; and • Scaffold estimating, design and engineering support. 	<ul style="list-style-type: none"> • Cape Australia Onshore Pty Ltd • KAEFER Integrated Services Pty Ltd • MAS (an AusGroup Company) • SRG Global Integrated Services Pty Ltd (GCS Integrated Services Pty Ltd) • Trasan 	<ul style="list-style-type: none"> • Accommodation and travel services • Barricading designs/products • Conveyor guarding solutions • Courier services • Drafting and engineering • Dropped object prevention systems • Equipment software (stock) • Fall arrest systems • FRP flooring/hand railing • Guarding designs/products • Hand railing systems • Labour hire – skilled/supplementary/shutdown • Mechanical and chemical fixings • Mechanical maintenance services • Medical services • Personal protective equipment (PPE)

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
			<ul style="list-style-type: none"> • Project insurance services • Safety solutions • Scaffolding containment systems • Signage • Structural fabrication/installation services • Tagging equipment and services • Temporary facilities connection – plumbing, electrical • Temporary site facilities (remote compound) • Third party testing of equipment • Training services • Transportation of material over long distance • Workshop fabrication/installation services
Seals (Dry Gas and Mechanical) Supply and Services	Provision of Dry Gas and Mechanical Seal supply and services. Services could include items such as: <ul style="list-style-type: none"> • Spare parts supply, stock holding and preservation of dry gas and mechanical seals; • Technical and engineering support; • Provision of training; • Refurbishment and supply of mechanical seals and associated parts; and • Supply of field labour for dry gas and mechanical seal activities. 	<ul style="list-style-type: none"> • Flowserve Australia Pty Ltd • John Crane Australia Pty Ltd 	(Proprietary supply items)
Security Services	Provision of Security services to undertake monitoring and guarding services. Scope could include items such as: <ul style="list-style-type: none"> • Permanent security guard presence; • Monitoring emergency phone and radio calls and activating the onsite emergency response arrangements; 	<ul style="list-style-type: none"> • MSS Security Pty Limited • Omega Security Services Pty Ltd • Risk 2 Solution • Spotless Facility Services Pty Ltd • Wilson Security Pty Ltd 	<ul style="list-style-type: none"> • Access control and CCTV installation. • Alarm monitoring and installation • Drug and alcohol testing • Locksmith services • Medical personnel and ambulances

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
	<ul style="list-style-type: none"> • Monitoring and operating the appointed security monitoring systems; • Searching of personnel, vehicles, equipment, baggage or materials entering/leaving the facilities; • Conducting regular security patrols; • Monitoring and responding to a security incident; • Physical security presence at port facility; • Preparation of security incident reports and investigations; • Provision of transport and communication equipment; • Provision of consultancy services in relation to safety management; • Provision of qualified Maritime Security Guards on an as needs basis to perform: <ul style="list-style-type: none"> – Access control; – Controlling embarkation of people, baggage and cargo; – Monitoring of restricted areas (including Maritime Security Zones); – Provision of security services including patrols; – Supervision of cargo and ship stores; – Screening passengers, baggage and cargo; – Checking of documentation (including identity documents); and – Monitoring closed circuit television; and • Additional roles during maintenance schedules and other periods where there are large numbers of contractors such as: <ul style="list-style-type: none"> – Physical presence on access/egress points; – Physical presence in camp; and – Augmented security patrols. 		<ul style="list-style-type: none"> • Reception desk services – security and concierge • Vehicle supply

Security Services – Assessment and Planning	Provision of services to assess Security threats and vulnerabilities of operations and activities and plan and establish appropriate mitigations and controls.	<ul style="list-style-type: none"> • Executive Risk Solutions • Lockforce Consultancy International • Osprey Asset Management Pty Ltd 	(Consulting services provided in-house)
Stevedoring and Marine Loading/Unloading Services	<p>Provision of stevedoring and marine unloading/loading services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Undertaking security assessments and developing security policies, plans, systems and procedures; • Establishing and maintaining intelligence collection and assessment systems; and • Advising on security systems required to support corporate and site requirements. 	<ul style="list-style-type: none"> • Agility Project Logistics Pty Ltd • ASCO Australia Pty Ltd • Linx Cargo Care Group • Qube Energy Pty Ltd • Toll Energy & Marine Logistics 	<ul style="list-style-type: none"> • Sea Container Lifting equipment • Sea Container Forklift
Subsea Equipment Storage, Maintenance and Preservation including Emergency Pipeline Repair System and Pipelines and Well Intervention Tooling Services	<p>Provision of services for Subsea Equipment Storage, Maintenance and Preservation capability, particularly in relation to:</p> <ul style="list-style-type: none"> • Subsea drilling systems; • Manifold process systems; • Connectors; and • Well access systems. <p>Provision of Storage and Maintenance services for Subsea Emergency Pipeline Repair System (EPRS) Equipment.</p>	<ul style="list-style-type: none"> • AME Pty Ltd • DOF Subsea Australia Pty Ltd • Fugro Australia Marine Pty Ltd • Oceaneering Australia Pty Limited • PSM Subsea • Sapura Energy • Subsea 7 i-Tech Australia Pty Ltd • Total Marine Technology Pty Ltd 	<ul style="list-style-type: none"> • Blasting and painting services • Hydraulic hose supply • Lifting and certification • Non-destructive testing (NDT) and close video inspection (CVI) services

<p style="text-align: center;">1</p> <p style="text-align: center;">Examples of Prime Contract Opportunities</p>	<p style="text-align: center;">2</p> <p style="text-align: center;">Example Work Scope Descriptions</p>	<p style="text-align: center;">3</p> <p style="text-align: center;">Companies that provide or have competed for prime contracts</p>	<p style="text-align: center;">4</p> <p style="text-align: center;">List of Potential Sub Tier Opportunities</p>
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The primary function is to provide a facility to store, preserve and maintain the EPRS equipment in a constant state of readiness and to allow immediate response to an emergency pipeline repair event.

The EPRS equipment could include:

- Operator specific permanent pipeline repair flange adaptors and temporary repair clamps; and
- Common pipeline repair preparation and installation equipment, including:
 - Pipeline handling frames;
 - Connector and clamp installation frames;
 - Coating removal equipment;
 - Pipeline preparation tooling;
 - Pipeline drilling equipment;
 - Bolt tensioning equipment; and
 - Associated ancillaries.

Services could include items such as:

- Asset manager administration function;
- Provision of EPRS storage facility;
- Storage, maintenance and preservation of the specific and common equipment;
- Pipeline repair readiness activities in relation to the specific and common equipment;
- Engagement and training of personnel (including Operator staff and specialist contractors);
- Planning and execution of the preservation and testing program;
- Procurement of consumables and spares;
- Periodic testing and drills; and
- Support services such as spool preparation, linepipe storage and call off agreements to specialist service providers.

1	2	3	4
Examples of Prime Contract Opportunities	Example Work Scope Descriptions	Companies that provide or have competed for prime contracts	List of Potential Sub Tier Opportunities

Subsea Inspection (Inline) and Pigging Services	<p>Provision of Inline Inspection and Pigging Services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Commissioning pigging and baseline in line inspections (ILI) • Operational cleaning and life-of-field ILI campaigns • Cleaning for decommissioning. • Tool Tracking and locating systems • Reporting. 	<ul style="list-style-type: none"> • EnerMech Pty Limited • Halfwave • Rosen Australia Pty Ltd 	<ul style="list-style-type: none"> • Containment and Removal of pipeline debris • Specialised tools for in line inspections (ILI)
Subsea Integrity Engineering and Management Support	<p>Provision of Subsea Integrity Engineering and Management Support services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Development and implementation of integrity management plan; • Acquisition, storage and interpretation of data acquired offshore; • System status reporting (biannual healthcheck and accumulated fatigue reporting); and • On call engineering support (post cyclone or post anomaly). 	<ul style="list-style-type: none"> • 2H Offshore Engineering Pty Ltd • Advisian Pty Ltd • Aker Solutions Pty Ltd • Atkins Australasia Pty Ltd • Atteris Pty Ltd • INTECSEA Pty Ltd • Wood 	<ul style="list-style-type: none"> • Information management systems • Moorings design • Pipeline and subsea equipment engineering
Subsea Life of Field Services	<p>Provision of Life of Field services for Subsea facilities.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Storage, Preservation & Maintenance • Provision of spares & consumables • Engineering Services • Logistics &Transportation • Upgrades & Modifications • Field Service Engineers 	<ul style="list-style-type: none"> • Aker Solutions Pty Ltd • Baker Hughes GE • OneSubsea • TechnipFMC 	<ul style="list-style-type: none"> • Jigs and racks for storage and transport • Freight
<p style="text-align: center;">1</p> <p style="text-align: center;">Examples of Prime Contract Opportunities</p>	<p style="text-align: center;">2</p> <p style="text-align: center;">Example Work Scope Descriptions</p>	<p style="text-align: center;">3</p> <p style="text-align: center;">Companies that provide or have competed for prime contracts</p>	<p style="text-align: center;">4</p> <p style="text-align: center;">List of Potential Sub Tier Opportunities</p>

<p>Supply Base – Shore Berthing Facility</p>	<p>Provision of a Shore Base Facility providing logistic support services for operations.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Provision of dedicated deep-water berth; • Provision of LCT ramp; • Provision of management, stevedoring services, ad-hoc labour, equipment, tools, consumables; • Offices, dual purpose laydown, wash-down capability for assets; • Capability to provide continuous operation (24 hour per day/7 day per week) operations; • Management of safe and reliable work locations, which meet cyclone requirements; and • Compilation and maintenance of operational safe work processes, procedures and management plans. 	<ul style="list-style-type: none"> • Agility Project Logistics Pty Ltd • AMC Management (WA) Pty Ltd • AME Pty Ltd • ASCO Australia Pty Ltd • Base Marine Pty Ltd • Kimberley Ports Authority • NorSea Group (Australia) Pty Ltd • NT Port and Marine Pty Ltd • Qube Energy Pty Ltd • TAMS Group • Toll Energy & Marine Logistics 	<ul style="list-style-type: none"> • Container leasing • Equipment and consumables supply • Facility management support – maintenance, landscaping, cleaning • Mechanical handling equipment – cranes, forklifts, reach stackers • Non-destructive testing (NDT) • Road transportation • Security services • Stevedoring
<p>Supply Base Services</p>	<p>Provision of Supply Base and staging facility services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Receipt of material and equipment from various Australian and overseas supply sources, shipped via marine transport or air freight and its subsequent distribution; • Collection and staging of reverse freight; • Provision of management, supervision, labour, materials loading, transportation and unloading equipment, tools and consumables; • Terminal operations (vessel mooring, load and discharge); • Freight/material management to include dangerous goods; • Operations planning; • Operation/management of dedicated laydown and staging areas; • Transport and distributions services; 	<ul style="list-style-type: none"> • Agility Project Logistics Pty Ltd • Altus Logistics • Asco Australia Pty Ltd • Centurion Transport Co Pty Ltd • Civmec Construction & Engineering (Darwin Offshore Logistics Base) • Qube Energy Pty Ltd • Toll Energy & Marine Logistics 	<ul style="list-style-type: none"> • Container rentals • Material handling equipment leasing subject to client requirements • Maintenance of Supply Base equipment
<p>1 Examples of Prime Contract Opportunities</p>	<p>2 Example Work Scope Descriptions</p>	<p>3 Companies that provide or have competed for prime contracts</p>	<p>4 List of Potential Sub Tier Opportunities</p>

- Lifting operations in support of supply base operations;
- Quarantine inspection and remediation of freight, assets and facilities;
- Supply of supply base equipment and consumables;
- Offices, amenities, container staging, wash-down capability and lay down area with Dangerous Goods capacity; and
- Management of safe and reliable work location, including meeting cyclone requirements.

Supply Chain Management (Fourth Party Logistics and Warehousing) Services

Integrated Supply Chain Management (Fourth Party Logistics) services providing a multi-modal end-to-end materials management solution.

Scope could include items such as:

- Warehousing and supply base operations, multimodal transport services, port access and port related services (stevedoring), well site and rig locations and logistics support;
- Warehouse and supply base management and operations including:
 - Inventory management;
 - Facilities management;
 - Providing and maintaining plant and equipment;
 - Reverse supply operations;
 - Customs clearance and port agency services; and
 - Labour provision;
- Support for onshore well site, rig locations and remote laydown facilities;
- Domestic freight and linehaul operations including:
 - Water haulage;
 - Dangerous goods; and
 - Chemicals;
- Supply vessel movement operations;

- Altus Logistics
- ASCO Australia Pty Ltd
- Centurion Transport Co Pty Ltd
- Qube Energy Pty Ltd
- Schenker Australia Pty Ltd
- Toll Group

- Freight services – air, land, sea
- Port management, stevedoring and vessel coordination
- Waste management

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
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- Planning and coordination of freight including:
 - Port operation;
 - Air freight services; and
 - Warehouse and yard activities;
- Waste management; and
- Facilities management.

Survey (Geophysical/Seismic Offshore) Services

Provision of Offshore Geophysical/Seismic Survey services.

Scope could include items such as:

- Geophysical site investigations including Autonomous Underwater Vehicle (AUV) geophysical and bathymetric data acquisition;
- 2D marine seismic survey;
- 3D ultra-high-resolution seismic data acquisition;
- Aperio 3D marine seismic survey services;
- Ocean Bottom Node (OBN) seismic services to acquire 3D/4D baseline seismic data set, involving seismic recorders (nodes) placed on the seafloor and a towed seismic source; and
- Associated data processing, quantitative interpretation and imaging.

- Baker Hughes Australia Pty Ltd
- BGP
- CGG
- DOF Subsea Australia Pty Ltd
- DUG (DownUnder Geosolutions Pty Ltd)
- Fugro Australia Marine Pty Ltd
- Neptune Marine Services Pty Ltd
- PGS Australia Pty Ltd
- Schlumberger Australia
- Subsea 7 i-Tech Australia Pty Ltd
- TGS-NOPEC Geophysical Pty Ltd
- UTEC Survey Australia Pty Ltd

- Labour Services
- Marine Bunkering
- Marine Maintenance
- Provisioning
- Shipwrights
- Vessel charter

Survey (Geotechnical Offshore) Services

Provision of Offshore Geotechnical Survey services.

Scope could include items such as:

- Bathymetry survey, comprising of remotely operated vehicle (ROV) towed/autonomous underwater vehicle (AUV) multi-beam sensor and sub bottom profile survey;
- Geotechnical site investigations:
 - Wheel driven core penetrometer tests;
 - Drilled cores;
 - Piston cores; and
 - Box cores; and
- Associated insitu tests, laboratory testing and interpretative reporting.

- Benthic Geotech Pty Ltd
- DOF Subsea Australia Pty Ltd
- Fugro Australia Marine Pty Ltd
- Neptune Marine Services Pty Ltd
- UTEC Geomarine

- Labour Services
- Maintenance of ROV's
- Marine Bunkering
- Marine Maintenance
- Provisioning
- Shipwrights
- Vessel charter

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
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Survey (Hydrographic) Services	<p>Provision of Hydrographic Survey services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Side scan sonar; • Multi-beam echo sounder survey; • Establishment and maintenance of horizontal and vertical control points; • Provision of survey equipment and support services to undertake survey work, processing of data and production of charts and reports; and • Provision of survey vessels. 	<ul style="list-style-type: none"> • DOF Subsea Australia Pty Ltd • EGS Survey Pty Ltd • Neptune Marine Services Pty Ltd • Shelf Subsea Australia Pty Ltd/Bintang Subsea Australia Pty Ltd • UTEC Survey Australia Pty Ltd 	<ul style="list-style-type: none"> • Labour Services • Marine Bunkering • Marine Maintenance • Provisioning • Shipwrights • Vessel charter
Survey (Seismic Onshore) Services	<p>Provision of Onshore Seismic services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Acquire and process seismic data to provide time-lapse images of the subsurface area; • Provide technical support, resources and equipment for a time-lapse seismic program; • Acquire baseline and repeat seismic survey; • Perform Vibroseis for vertical seismic profiles; • Supply cable-less seismic acquisition system and articulated Vibroseis vehicle suitable for off-road terrain; • Stakeout and survey of Vibroseis points and receiver locations using 'real time' kinematic GPS surveying method; and • Associated data processing, quantitative interpretation and imaging. 	<ul style="list-style-type: none"> • Baker Hughes Australia Pty Ltd • DownUnder GeoSolutions Pty Ltd (DUG) • Schlumberger Australia 	(Proprietary supply items)

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
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Surveying – Aerial and Terrestrial

Provision of Aerial and Terrestrial Survey data acquisition and processing services.

Scope could include items such as:

- Aerial Capture:
 - High resolution overlapping georeferenced orthorectified aerial digital imagery;
 - 3D terrain definition using aerial/remote sensing methodologies to produce Digital Elevation Models (DEM);
 - Provision of both the Digital Surface Model (DSM) and Digital Terrain Model (DTM);
 - Acquisition via photogrammetry, LiDAR, or other technologies to develop results comparable to past, current and future acquisitions;
 - Acquisition of other remotely sensed information such as multi spectral, hyperspectral, thermal and light intensity data;
 - Provision of satellite imagery in quick response to support emergency response requirements;
 - Technical reports including calibration, processing, control and metadata;
 - Provision of raw captured data; and
 - Capabilities for Unmanned Aerial Vehicle (UAV) survey.
- Geographic Information Systems (GIS) Technical Services:
 - Deriving GIS products from aerial and terrestrial capture including surface generation, contours, volumes, land classification and change detection;
 - Geometric correction and orthorectification of imagery;
 - Radiometric correction, calibration and processing (including pan-sharpening and colour balancing) of imagery for consistency between acquisitions;

- AAM Pty Ltd
- Aviation Utilities Pty Ltd (United Aero Helicopters)
- Fugro Australia Marine Pty Ltd
- Insitu Pacific Pty Ltd

- Accommodation
- Aerial film processing and printing
- Aircraft maintenance
- Asset management and infrastructure mapping
- Benthic habitat mapping
- Digital aerial cameras and airborne Lidar systems
- Environmental baseline and monitoring
- Flight planning software
- Helicopter and fixed wing charter
- Hire vehicles
- Imaging software
- Laser scanning
- Mammal and large aquatic population survey
- Mapping and cartography software
- Medicals
- OH&S training
- Photogrammetric scanning services
- Post processing software
- Remote satellite imagery and data
- Sensing
- Silt and pollution plume monitoring
- Spill monitoring, detection and mapping
- Surveying equipment and accessories
- Terrestrial surveying
- Unmanned aerial vehicles (UAVs)
- Vegetation mapping and change detection
- Wildlife monitoring

1

Examples of Prime Contract Opportunities

2

Example Work Scope Descriptions

3

Companies that provide or have competed for prime contracts

4

List of Potential Sub Tier Opportunities

- Georeference and colour balance historical aerial photographs supplied in either hard copy or electronic format;
- Hardcopy and digital output;
- Spatial data management;
- Cartographic map production;
- Production, visualisation and fly through of spatial datasets in 3D models; and
- Feature extraction, image interpretation including integration with existing datasets (aerial imagery and LIDAR).
- Terrestrial Surveying:
 - Provision of survey to engineering specifications;
 - Terrestrial Laser scanning;
 - Instruction of ground control stations necessary for airborne captures including geometric and radiometric controls; and
 - Establishment of survey controls and GPS base stations to support aerial survey.

Surveying (Terrestrial) Services

Provision of Terrestrial surveying could include items such as:

- Location Survey
- Topographic Survey
- Site Planning Survey
- Construction Survey
- Geographic Position Survey (GPS)

- AAM Pty Ltd
- Fyfe Pty Ltd
- Fugro Australia Land Pty Ltd
- Handley Survey
- LW Survey Australia Pty Ltd

- Accommodation
- Provisions
- Vehicle hire

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Examples of Prime Contract Opportunities	Example Work Scope Descriptions	Companies that provide or have competed for prime contracts	List of Potential Sub Tier Opportunities

<p>Surveyor and Tanker Services (Independent)</p>	<p>Provision of Independent Surveyor and Tanker services.</p> <p>The independent surveyor services could include items such as:</p> <ul style="list-style-type: none"> • Measurement and testing of LNG, LPG and condensate; • Witness activities involved at each loading to determine the quality and quantity loaded; and • Identify, resolve and report any non-conformance and/or non-safe practice; <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Pre-inspection requirements; • Pre-arrival inspection – terminal side; • Arrival inspection – LNG vessel; • Quality inspection (sampling and analysis) – during loading; • Departure inspection – LNG vessel; • Post inspection requirements; and • Other reporting requirements. <p>Tanker services could include provision of a Tanker Safety Officer to assist the pilot/mooring master in tanker berthing, un-berthing and loading operations.</p>	<ul style="list-style-type: none"> • AmSpec Australia Pty Ltd • Intertek Testing Services (Australia) Pty Ltd • SGS Australia Pty Ltd • West Coast Pilots Pty Ltd 	<p>(Services supplied in-house)</p>
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<p>Telecommunications and Information Technology (IT) Services</p>	<p>Provision of specialty Telecommunications and end user on-site Information Technology (IT) support and maintenance services.</p> <p>Services could include items such as:</p> <ul style="list-style-type: none"> • Specialty telecommunications support; • Electrical, data and minor mechanical works for telecommunications and IT services; • Maintenance, preventative (including sparing) and corrective; • Moves and changes including: 	<ul style="list-style-type: none"> • A & J Communications Pty Ltd • Australian Port Systems (Australian Maritime Systems Limited) • AWA Marine • Blackbird Technology • Corporate Initiatives Australia Pty Ltd • CSE Crosscom • Downer • Electrotech Australia Pty Limited 	<ul style="list-style-type: none"> • Aerial work platform equipment • Cable and marker locating • Cabling – fibre optic, structured network • Cloud solutions • Collaborative working environment system • Data centres • Electrical supplies – cable, conduit, switches • Entertainment and content provision • Internet access
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<p>1 Examples of Prime Contract Opportunities</p>	<p>2 Example Work Scope Descriptions</p>	<p>3 Companies that provide or have competed for prime contracts</p>	<p>4 List of Potential Sub Tier Opportunities</p>
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- Mounting and fixing of wireless access points and antennas;
 - Design and supply of mounting brackets and antenna mounts;
 - Installation of data cabling and electrical and earth cabling; and
 - Working in data centres and communications rooms including installation of computing hardware and communications racks;
 - Working at heights including on communications towers requiring elevated work platform use, rigging, dogging and height rescue;
 - Supply of parts and materials, third party products and services and subcontractor engagement;
 - Asset lifecycle management;
 - Documentation (including updating maintenance procedures and as-built drawings);
 - Telecommunications engineering support;
 - Design, manpower, hardware and installation in support of minor telecommunications projects;
 - Common support services:
 - Access administration;
 - Desktop services (Level 2); and
 - Service desk and IT service management (ITSM) integration;
 - End user support for audio visual (AV)/video conferencing (VC);
 - Out of hours support (VIP and specialty telecommunications) and remote location support; and
 - Evergreen and IRM compliance and reporting.
- Empired Ltd
 - Honeywell Ltd (Honeywell HBS)
 - JAF Solutions Pty Ltd
 - Kentz Pty Ltd
 - Radlink Pty Ltd (Radlink Communications)
 - RigNet Australia Pty Ltd
 - RPS
 - Secure Power Solutions Pty Ltd
 - Singtel Optus Pty Ltd
 - SpeedCast Australia Pty Ltd
 - Telstra
 - Total Industrial & Safety
 - Vicom Australia Pty Ltd
 - Walker Newman and Associates Pty Ltd
 - Western Advance Pty Ltd
 - Xpanse Pty Ltd
- IT and telecommunications hardware.
 - IT supplies – enclosures, racks
 - Local Area Network (LAN) and Wide Area Network (WAN)
 - Metal component fabrication
 - Network management and services
 - Onsite paging systems, pagers and other messaging platforms
 - PABX telephony
 - Personnel Protective Equipment (PPE)
 - Riggers
 - Rope access services
 - Satellite phones and systems
 - Scaffolding
 - Storage Area Network
 - Structures cabling system
 - Telecommunications supervisory system
 - Telephone systems
 - Test equipment
 - UHF and VHF radio systems
 - Wireless networking

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Examples of Prime Contract Opportunities	Example Work Scope Descriptions	Companies that provide or have competed for prime contracts	List of Potential Sub Tier Opportunities

Scopes encompassed could include:

- Access control system (IT infrastructure only);
- Building structured cabling;
- Ship's/X-band radar and radar beacon;
- Security and process closed-circuit TV (CCTV) system;
- Obstacle lighting for communications main mast and towers;
- Console system and digital voice recorder;
- Data centre equipment;
- Public address and general alarm (PAGA) systems;
- Global Maritime Distress and Safety System (GMDSS);
- Personnel on Board (POB)/locating/tracking system;
- Entertainment systems;
- Equipment housing and mounting;
- Network services;
- Vessel communications equipment;
- Electronic navigation aids (Automatic identification system and vessel tracking system);
- Marine long-range camera;
- Remote berthing aid system;
- Pilot navigation utility;
- Gyrocompass and differential global positioning system (DGPS);
- Local area network and wide area network (LAN/WAN);
- Meteorological and oceanographic (Metocean) instruments;
- Monitored fire detection and alarm systems (IT infrastructure only);
- Network management;
- Outside plant cabling system;
- Structured cabling system;

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Examples of Prime
Contract Opportunities

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Example Work Scope Descriptions

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Companies that provide or have
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List of Potential Sub Tier Opportunities

- Fibre optic intelligence and detection system (FOIDS);
- Fibre optic multiplex;
- Fibre optic and structured network cabling;
- Telecommunications supervisory system;
- PABX telephony;
- Satellite phones and systems;
- Very small aperture terminal (VSAT) satellite;
- Site area transmission network (SATN) – microwave;
- Hazardous area phones;
- Termination and cross connection equipment;
- Paging system;
- Integrated radio control system;
- UHF tactical radio system;
- VHF tactical/telemetry/marine band radio system;
- Lifeboat and crane radios;
- Non-directional radio beacon (NDB);
- Master clock;
- Collaborative working environment system;
- Ship security alert system; and
- LNG emergency shutdown remote control.

Transport (Bus and Local Personnel) Services

Provision of scheduled and on-call Bus and Local Personnel services.

Scope could include items such as:

- Charter type air-conditioned coach buses and minibuses;
- Bus drivers and supporting resources including supervisors, HSE advisors, schedulers, and administration;
- Fleet repair and maintenance and cleaning;
- Meet and greet services providing single point of contact for personnel;

- Australian Transit Group Pty Ltd
- Buslink
- Dee's Cabs Pty Ltd
- Greyhound Resources
- Metro Mini Bus
- Northfleet
- TravelSafe Coach Hire

- Bus parts and consumables
- Cleaning supplies
- Facilities and depot maintenance
- Office supplies

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Examples of Prime Contract Opportunities

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Example Work Scope Descriptions

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Companies that provide or have competed for prime contracts

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List of Potential Sub Tier Opportunities

- Personnel movement coordination;
- Administration support for manifesting of passengers and briefings on overnighting procedures; and
- Flexibility to scale up and down as necessary to support increased transient workforce during scheduled maintenance periods.

Transport (Mainland Freight Services)

Provision of Mainland Transport services.

Scope could include items such as:

- Provision of integrated logistics solution encompassing:
 - Mainland road linehaul transport;
 - Mainland local couriers and transport;
 - Mainland air freight services; and
 - Third party services;
- Provision and management of personnel, equipment, tools, materials and technical expertise to perform the requirements;
- Equipment and infrastructure to service a wide range of freight categories, including line haul, local transport pick-up and delivery and couriers;
- Carriage of perishable and temperature sensitive cargoes;
- Movement and handling of all classes of dangerous goods;
- Express freight transport;
- Specialised freight transport;
- Heavy haulage and over dimensional freight services;
- Facilitation of ad-hoc third party purchase of materials and services in performance of the required services;
- Technology supporting automated booking, proof of delivery, track and trace of consignments and assets, with the ability to provide transparent standardised operational reports;

- ASCO Australia Pty Ltd
- Centurion Transport Co Pty Ltd
- EnergyLogistix (Aust) Pty Ltd
- DHL Global Forwarding (Australia) Pty Ltd
- Jolly & Sons Pty Ltd
- Linfox Australia Pty Ltd
- Matic Transport Pty Ltd
- Oilfield Transport Services
- Rivet Energy Pty Ltd
- Roma Transport Services (Qld) Pty Ltd
- Saddleirs Nexus Logistics
- Star Track Express Pty Ltd
- Toll Group

- Airfreight services
- Express freight services
- Linehaul (Interstate) transport services
- Local couriers and transport

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
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Turbomachinery (Specialist Labour) Services	<p>Provision of Specialist Labour Services for Turbomachinery consisting of heavy duty gas turbines, aeroderivative gas turbines and various expanders, centrifugal compressors, gearboxes and generators.</p> <p>Services could include provision of skilled labour and line supervision competent in the disassembly, inspection, remediation and re-assembly of the turbomachinery equipment.</p>	<ul style="list-style-type: none"> • Aero Controls & DLE Consultants • Baker Hughes GE • GTO Energy Services Pty Ltd • Roteq Australia Pty Ltd 	<ul style="list-style-type: none"> • Equipment for specialised machining
Unmanned Aerial Systems (UAS) Services	<p>Provision of Unmanned Aerial System services. Scope could include items such as:</p> <ul style="list-style-type: none"> • Aerial surveillance; • Security surveillance; • Accident and incident monitoring/chronicles; • Provision of services after emergency event. • Environmental monitoring; • Pipeline inspections; • Infrastructure/facility inspections; • Terrain/vegetation monitoring; • Data acquisition/data post processing (georeferenced images and video) including: <ul style="list-style-type: none"> – Georeferenced aerial mapping; – Remote sensing; – Digital elevation mapping; – Thermal (infrared) imaging; – Terrain/vegetation analysis; and – Health, environmental, and safety applications. 	<ul style="list-style-type: none"> • Airscope Industries Pty Ltd • Insitu Pacific Pty Ltd • RemSense Pty Ltd 	<ul style="list-style-type: none"> • Unmanned Aircraft

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
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1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
Valve and Fittings Supply	Provision of Valves and Fittings. Products could include items such as: <ul style="list-style-type: none"> Valves – ball, gate, check, control, pneumatic, and butterfly; and Fittings – hydraulic, pneumatic, hose, and pipe. Services could include items such as: <ul style="list-style-type: none"> Vendor managed/consignment inventory system capability; Access to major Original Equipment Manufacturers (OEM); Punch out or e-procurement integration capability; and Vendor and inventory management systems. 	<ul style="list-style-type: none"> Aussie Fluid Power Australasian Fittings and Flanges (AFF) Callidus Process Solutions Pty Ltd Cameron Services International Pty Ltd CG Industrial Specialties Ltd Epsilon Instrumentation Pty Ltd Flowserve Australia Pty Ltd IMI CCI Australia Integrated Industrial Pty Ltd KSB Australia Pty Ltd Measurement Plus Pty Ltd MRC Global Australia Pty Ltd Oceanic Controls Pty Ltd PPF (Aust) Pty Ltd Pipeline Actuation & Control Powerflo Solutions Pty Ltd Prochem Pipeline Products Pty Ltd Project Materials Australia Pty Ltd Score Group (Score Perth Pty Ltd) Winnellie Hydraulics Western Process Controls Pty Ltd 	Items will be supplied as required by the specification) Companies may require: <ul style="list-style-type: none"> Freight Lifting equipment Transport Crates
Valve Repair and Maintenance	Provision of Valve Maintenance services. Scope could include items such as: <ul style="list-style-type: none"> Provision of suitably qualified and experienced personnel and equipment and/or instrumentation to repair and overhaul surface valves; Valves could include: <ul style="list-style-type: none"> Non-actuated valves; 	<ul style="list-style-type: none"> Callidus Process Solutions Pty Ltd Cameron Services International Pty Ltd Centralian Controls CG Industrial Specialties Ltd Pacific Controls Pty Ltd Score Group (Score Perth Pty Ltd) 	<ul style="list-style-type: none"> Cryogenic testing Decontamination of valves Fugitive emissions testing Heat treatment services Hot tapping and line stopping services Leak sealing services

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|---|---|---|
| <ul style="list-style-type: none"> - Actuated on/off valves; - Actuated throttling and severe service valves; - Check valves; - Ball valves - Butterfly valves; - Gate valves; - Globe valves; - Control valves; - Pressure relief valves; and - Emergency shutdown valves; • Materials, pressure ratings and flange types associated with these valves may cover a wide range of variations; • Provision of and/or access to a fit for purpose valve test and repair facility/workshop with lifting facilities; • Valve condition monitoring, diagnostic services and performing of root cause analysis on failed valves; • Valve assembly and quality inspections; • Storage and warehousing of valves, including valve preservation; • Repair recommendations and engineering support; • Determination of valve criticality; • Procurement services for replacement and new valves; • Provision of evidence for materials traceability and positive material identification (PMI); • Development of a management plan for chemical-impacted valves; • Delivery of training; and • Recordkeeping. | <ul style="list-style-type: none"> • Severn Glocon Australia • Western Process Controls Pty Ltd | <ul style="list-style-type: none"> • Machining and fabrication – general, specialised • Non-destructive testing (NDT) • Pipework and structural composite repair services • Positive material identification • Root cause analysis and engineering design • Sandblasting and painting • Specialist coating (ENP, TCC) • Transportation (including quarantine if required) • Waste water removal and treatment • Welding of exotic materials |
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Examples of Prime Contract Opportunities	Example Work Scope Descriptions	Companies that provide or have competed for prime contracts	List of Potential Sub Tier Opportunities

Vehicle Lease and Maintenance	<p>Provision of Vehicle Lease and Maintenance services.</p> <p>Scope could include items such as:</p> <ul style="list-style-type: none"> • Supply and delivery of light vehicles (such as standard work utilities and wagons), minivans, flatbed trucks and heavy vehicles and may include materials handling equipment; • Ability to provide range of vehicle brands and types; • Accessories depending on use such as rollover protection, enclosed toolboxes, LED flashing lights and work light, tow bars and bull bars; • Financial services, including sale and lease back options; • Vehicle maintenance and servicing; • Replacement vehicles where existing vehicle become out of service; • End of lease inspection and disposal services; • Fleet management; • Provision of in vehicle monitoring system; • Reporting on vehicle performance and management in optimising costs for the whole of life of vehicles; • Fuel card provision and management; • Roadside assistance; and • Risk management for accidental events. 	<ul style="list-style-type: none"> • Corefleet • FleetPlus • Kooya Fleet Solutions • Northpoint Fleet Management (Ducala Pty Ltd) • Toyota Fleet Management (Toyota Finance Australia Limited) 	<ul style="list-style-type: none"> • Vehicle supply • Vehicle maintenance • Vehicle Accessories • Roadside assistance
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Waste Management	<p>Provision of Waste Management (handling, transportation, reuse, recycling, treatment and final disposal) services.</p> <p>The types of wastes generated by these activities may include:</p> <ul style="list-style-type: none"> • Solid waste (both hazardous and non-hazardous) such as putrescible, construction, medical and recyclable wastes; and. • Liquid waste (both hazardous and non-hazardous) such as sludges, septage, chemical, aqueous and hydrocarbon wastes. 	<ul style="list-style-type: none"> • Cleanaway Pty Ltd • Contract Resources • North West Alliance Pty Ltd • NTRS Smarter Recycling • Rusca Environmental Solutions Pty Ltd • Veolia Environmental Services (Australia) Pty Ltd 	<ul style="list-style-type: none"> • Environmental and biological services • Handling equipment • Industrial cleaning • Landfill and waste compliance consulting • Landfill cell and cap design • Liner bags • Liquid cartage skidmount units • Manual handling equipment
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<p style="text-align: center;">1</p> <p style="text-align: center;">Examples of Prime Contract Opportunities</p>	<p style="text-align: center;">2</p> <p style="text-align: center;">Example Work Scope Descriptions</p>	<p style="text-align: center;">3</p> <p style="text-align: center;">Companies that provide or have competed for prime contracts</p>	<p style="text-align: center;">4</p> <p style="text-align: center;">List of Potential Sub Tier Opportunities</p>
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Services could include items such as:

- Personnel, material, equipment and consumables for handling and transporting waste from the point of generation to final disposal;
- Personnel and equipment for general management of waste from point of generation to final disposal, including sorting consolidation and containment;
- Providing, or making appropriate arrangements for, reuse, recycling, treatment and final disposal of waste at approved facilities;
- Cleaning of industrial equipment and machinery;
- Compliance with applicable Government regulations, including Dangerous Goods and Controlled Waste requirements; and
- Recording and management of data to meet waste tracking and reporting requirements (internal and statutory).

- Metal fabrication and welding
- Mobile waste bins
- Pest control
- Public place collection bins
- Quarantine fumigation
- Quarantine wrapping services
- Skip bins
- Specialty containment bins – clinical, secure document
- Spill containment products
- Static compactors
- Sump trucks
- Used oil reprocessing equipment
- Vacuum loading equipment
- Vehicle servicing
- Washdown systems
- Waste collection vehicles
- Waste compaction equipment repairs
- Waste processing machinery
- Waste reduction and recycling equipment
- Waste tracking, compliance and reporting systems
- Waste transfer equipment and pump kits
- Waste water treatment plant

1 Examples of Prime Contract Opportunities	2 Example Work Scope Descriptions	3 Companies that provide or have competed for prime contracts	4 List of Potential Sub Tier Opportunities
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**Waste Water Treatment
Plant Operations Support**

Provision of Operations Support for Waste Water Treatment Plant (WWTP).

Scope could include items such as:

- Supply personnel and associated equipment on a call-off basis, to provide technical advisory services;
- Technical advisory services inclusive of chemistry and biological expertise; and by exception, the execution of maintenance and repair activities;
- Development and continuous improvement of an equipment lifecycle maintenance program, including auxiliary systems and ancillaries;
- Recommend spare parts required for planned and unplanned maintenance activities;
- Scheduling and planning availability of all Contractor equipment (inclusive of hand and specialty tools);
- Commissioning and start-up support;
- Provision of formal and ad-hoc/on the job training of personnel;
- Provision of estimates, inclusive of cost, time and resources;
- Reporting confirming scope of work completed and requirement for any future work;
- Development of work scopes and technical writing of Operations and Maintenance procedures;
- Assisting with scheduling of maintenance activities;
- Supply of parts and consumables to support reliable operations;
- Supply of specialist diagnostic and condition monitoring equipment;
- Off-site control system oversight, tuning and maintenance for optimal performance with on-site support as required; and
- Advise on regulatory reporting and compliance requirements.

- Baldwin Industrial Systems Pty Ltd
- MAK Industrial Water Solutions Pty Ltd
- Suncoast Waste Water Management (Neatport Pty Ltd)
- TRILITY Pty Ltd
- Veolia Environmental Services (Australia) Pty Ltd

- Piping
- Pumps
- Specialised Labour
- Tankage

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**Examples of Prime
Contract Opportunities**

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Example Work Scope Descriptions

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**Companies that provide or have
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List of Potential Sub Tier Opportunities

<p>Well Completions Services</p>	<p>Supply of Well Completions Equipment and Services. Scope could include items such as:</p> <ul style="list-style-type: none"> • Upper completions; • Lower completions – open hole, gravel pack and sand control; • Down hole gauges, packers and subsea safety valves; • Subsea test tree; • Well test; • Wellbore clean up; • Slickline; • Coiled tubing; • Tubing conveyed perforation; and • Liner hangers. 	<ul style="list-style-type: none"> • Archer Well Company (Australia) Pty Ltd • Baker Hughes Australia Pty Ltd • CETCO Oilfield Services Pty Ltd • Expro Group Australia Pty Ltd • Halliburton Australia • Inflatable Packers International Pty Ltd (IPI) • Nitschke Energy Services • Obadare Group • Pro-Test Pty Ltd • R&D Solutions Pty Ltd • Reservoir Group Coring • Schlumberger Australia • Superior Energy Services (Australia) Pty Ltd • Tremco Pipeline Equipment Pty Ltd • Weatherford Australia 	<ul style="list-style-type: none"> • Selected components supply to contractors of Well Completions Equipment and Services. A number of the components will be proprietary design
<p>Well Drilling Rental Equipment and Services</p>	<p>Provision of Well Drilling Rental Equipment and Services. Scope could include items such as:</p> <ul style="list-style-type: none"> • Coring; • Directional drilling, measurement while drilling (MWD) and logging while drilling (LWD); • Cementing; • Wireline; • Mud logging; • Fluids; and • Drilling rental tools, fishing, tubular running and under reamers. 	<ul style="list-style-type: none"> • Archer Well Company (Australia) Pty Ltd • Baker Hughes Australia Pty Ltd • CETCO Oilfield Services Pty Ltd • Dril Quip Australia Pty Ltd • Expro Group Australia Pty Ltd • Franks Internatioanl • Halliburton Australia • IOT Group Australia Pty Ltd • M-I Australia Pty Ltd • NOV • Obadare Group • Oilfield Technologies • Reservoir Group Coring • Scantech Offshore Pty Ltd • Schlumberger Australia 	<p>The listed potential contractors will supply items in-house and buy in from third parties.</p>
<p>1 Examples of Prime Contract Opportunities</p>	<p>2 Example Work Scope Descriptions</p>	<p>3 Companies that provide or have competed for prime contracts</p>	<p>4 List of Potential Sub Tier Opportunities</p>

		<ul style="list-style-type: none"> • Scomi Oiltools Pty Ltd • SGS Australia Pty Ltd • Superior Energy Services (Australia) Pty Ltd • Tasman Oil Tools Pty Ltd • Weatherford Australia 	
Well Engineering and Technical Services	<p>Provision of Well Engineering services. Scope could include items such as:</p> <ul style="list-style-type: none"> • Well project management; • Safety and risk engineering; • Well control and blowout support; • Reservoir development and production technology; • Production Chemistry; • Core and fluid analysis; • Environmental solutions; • Asset integrity management, and • Facilitate setting and buy-in of performance targets, reinforce recommended changes and execution of performance initiatives. 	<ul style="list-style-type: none"> • Add Energy Australasia Pty Ltd (ADD IPS Pty Ltd) • AGR Australia Pty Ltd • Aztech Well Construction Pty Ltd • Baker RDS Pty Ltd • Core Laboratories (Australia) Pty Ltd • Labrador Petro Management Pty Ltd • SECORA (Australasia) Pty Ltd 	(Services provided are in-house)
Well Materials and Equipment	<p>Provision of Well Materials and Equipment. Scope could include items such as:</p> <ul style="list-style-type: none"> • Conductor, casing, tubing and landing string Oil Country Tubular Goods (OCTG); • Drill and rock bits; • Composite casing and tubing; • Composite centralizers; and • Non-Rotating protectors. 	<ul style="list-style-type: none"> • Apergy Artificial Lift Pty Ltd • Composite Pipe Systems Australia Pty Ltd • Halliburton Australia • Matrix Composites & Engineering • Marubeni-Itochu Tubulars Oceania • Mid Continent Equipment Pty Ltd • NOV • R&D Solutions Pty Ltd • Schlumberger Australia • Sumitomo Australia Pty Ltd • Tenaris Global Services Pty Ltd • Varel International Australia Pty Ltd 	(Proprietary supply items)

APPENDIX

Listing of companies that provide goods and services directly to the Operators of LNG facilities in Australia of the typical operational and maintenance work scopes detailed in this report.

Companies that may tender for prime contracts	Website
2H Offshore Engineering Pty Ltd	2hoffshore.com/
A & J Communications Pty Ltd	ajcomms.com.au/
A Noble & Son Ltd	www.nobles.com.au/
A.S. Harrison & Co Pty Limited	asharrison.com.au/
AAM Pty Ltd	www.aamgroup.com/
ABB Australia Pty Limited (Measurement and Analytics)	new.abb.com/products/measurement-products
Access Group International	www.accessgroup.net.au/
Acoem Smart Industry	www.smart-industry.com.au/
Active Environmental Solutions (Alemir International Pty Ltd)	aesolutions.com.au/
Add Energy Australasia Pty Ltd (ADD IPS Pty Ltd)	addenergy.no/
Adelaide Belt & Hose Distributors Pty Ltd	www.beltandhose.com.au/
Adelaide Fabrication Services Pty Ltd	www.adelaidefabrication.com.au/
Advanced Industrial Safety	www.aisnt.com.au/
Advisian Pty Ltd	www.advisian.com/en//
AECOM Australia Pty Ltd	www.aecom.com/au/
AEM Consolidated Pty Ltd	www.aemgroup.net.au/
Aerison Pty Ltd	www.aerison.com/
Aero Controls & DLE Consultants	ac-dle.com/
Aerodrome Management Services Pty Ltd	www.amsaustralia.com/
AGC (an AusGroup Company)	www.ausgrouppltd.com/
Agent Sales & Service Pty Ltd	agentsales.com.au/
Aggreko	www.aggreko.com/en-au
Agility Project Logistics Pty Ltd	www.agility.com/en/homepage/
AGR Australia Pty Ltd	www.agr.com/
Air Liquide Australia Pty Ltd	industry.airliquide.com.au/
Air-Met Scientific	www.airmet.com.au/
Air North	www.airnorth.com.au/
Airscope Industries Pty Ltd	www.airscope.com/
Airswift	www.airswift.com/
Aker Solutions Pty Ltd	akersolutions.com/
Alchemy Trading Company Pty Ltd	www.alchemytrading.com.au/
All Areas Access	www.allareasaccess.com.au/
All Rid Pest Management	www.allrid.com.au/
Alliance Airlines Pty Limited	www.allianceairlines.com.au

Alliance Automation Pty Ltd	allianceautomation.com.au/
Allpest WA	www.allpest.com.au/
ALS Industrial Pty Ltd	www.alsglobal.com
ALS Industrial Pty Ltd in collaboration with AUS-ROV Group	
Altus Logistics	www.altuslogistics.com/
AMC Management (WA) Pty Ltd	www.australianmarinecomplex.com.au/
AME Pty Ltd	amepl.com.au/
AML (Aboriginal Management and Logistics)	aboriginalmanagementlogistics.com.au/
Ampcontrol CSM Pty Limited	www.ampcontrolgroup.com/
AMS Instrumentation & Calibration Pty Ltd	www.ams-ic.com.au/
AmSpec Australia Pty Ltd	amspec.com.au/
Analytical Reference Laboratory (WA) Pty Ltd	www.arlgroup.com.au
Anode Engineering Pty Ltd	anodeengineering.com/
Apergy Artificial Lift Pty Ltd	www.apergyals.com/
Applus	www.applus.com.au/en/
APTS Pty Ltd	www.pts.com.au/home-main/
Aquip Systems Pty Ltd	www.aquip.com.au/
Arcadis Australia Pacific Pty Ltd	www.arcadis.com/en/australia/
Archer Well Company (Australia) Pty Ltd	www.archerwell.com
Argyle Commercial Enterprises	www.argylece.com.au/
ASCO Australia Pty Ltd	www.ascoworld.com/
Aspen Medical	www.aspenmedical.com/
Assetivity	www.assetivity.com.au/
Astron Environmental Services Pty Ltd	www.astron.com.au
Atkins Australasia Pty Ltd	www.atkinglobal.com/en-GB
Atlas Copco	www.atlascopco.com/en-au
Atlas Professionals	www.atlasprofessionals.com
ATOM Supply	www.atom.com.au
ATSys Pty Ltd	www.atsys.com.au/home
ATTAR – Advanced Technology Testing and Research	www.attar.com.au/
Atteris Pty Ltd	atteris.com.au/
Aurecon Australasia Pty Ltd	www.aurecongroup.com/
Aussie Fluid Power	www.aussiefluidpower.com.au/
AussieOS Global Mobility Services	www.aussieos.com.au/
Australasian Fittings and Flanges (AFF)	www.affgroup.net.au/
Australian Fluid Handling Pty Ltd	www.afhpl.com.au/
Australian Laboratory Services Pty Ltd	www.alsglobal.com/
Australian Marine Oil Spill Centre Pty Ltd	amosc.com.au/
Australian Marine Services	www.austmarine.net.au/
Australian Maritime Systems Limited	www.ams.group/
Australian Offshore Solutions Pty Ltd	www.aosau.com/

Australian Plate Heat Exchanger Services	www.aphes.com.au/
Australian Port Systems (Australian Maritime Systems Limited)	www.ams.group/
Australian Safety Engineers	www.ase.net.au/
Australian Transit Group Pty Ltd	www.austransit.com.au/
Aveva Proprietary Limited	www.aveva.com/
Aviar Pty Ltd	www.aviair.com.au/
Aviation Utilities Pty Ltd (United Aero Helicopters)	www.unitedaero.com.au/
AWA Marine	www.awamarine.com.au/
Axens Pty Ltd	www.axens.net/
Axio	www.axio.com/
Aztech Well Construction Pty Ltd	www.aztechwc.com.au/
BAE Systems	www.baesystems.com/en/home
B.I.E. International (Aust) Pty Ltd	www.biegroup.com/
Babcock Offshore Services Australasia Pty Ltd	www.babcock.com.au/
Bhagwan Marine	www.bhagwanmarine.com/
Baker Hughes Australia Pty Limited	www.bhge.com/
Baker Hughes GE	www.bhge.com/
Baker RDS Pty Ltd	www.bhge.com/
Baldwin Industrial Systems Pty Ltd	www.baldwin.com.au/
Bardrill Corporation Limited	www.bardrill.com.au/
Base Marine Pty Ltd	www.basemarine.com.au/
Bechtel (Western Australia) Pty Ltd	www.bechtel.com/
BASF Australia Pty Ltd	www.basf.com/au/en.html
Benthic Geotech Pty Ltd	www.benthic.com/
Bentley Systems Pty Ltd	www.bentley.com/en
BGC Contracting Pty Ltd	www.bgc.cc/
BGP	www.bgp.com.cn
Bhagwan Marine Pty Ltd	www.bhagwanmarine.com/
BHGE Measurement & Control	www.bhge.com/ www.industrial.ai/
Bilaton Pty Ltd Trading as L.C. Loynes & Associates	www.loynes.com.au/
Biota Environmental Sciences Pty Ltd	www.biota.net.au/
Blackbird Technology	www.blackbirdtech.com.au/
Black Gold Solutions	www.bgsolutions.com.au/
Blackwoods (J Blackwood & Son Pty Limited)	www.blackwoods.com.au/
Blakemere Engineering Pty Ltd	www.blakemere.com.au
Blue Whale	www.bluewhaleoffshore.com/
BMT Mercury Technology Pty Ltd	www.bmt-mercury.com/
BMT Oceanica Pty Ltd	www.bmt.org/
BOC Limited	www.boc.com.au/shop/en/au/home
Bollere Logistics Pty Ltd	www.bollere-logistics.com/en/Pages/focus/Australia.aspx

Bosch Rexroth Pty Ltd	www.boschrexroth.com/en/au/home/index
Boskalis Australia Pty Ltd	australia.boskalis.com/
Bossong Engineering Pty Ltd	www.bossong.com.au/
BP Australia Pty Ltd	www.bp.com/en_au/australia.html
Breight Pty Ltd	www.breightgroup.com/
Bristow Helicopters Australia Pty Ltd	bristowgroup.com/about-bristow/
Broadspectrum Ltd	www.broadspectrum.com/
Broome Marine Services	www.broomemarine.com/
Brown & Root Cimec Pty Ltd	cimec.com.au/
Bruel & Kjaer Vibro Australia	www.bkvibro.com/en.html
Brunel Energy Pty Ltd	www.brunel.com.au/
BSA Limited	www.bsa.com.au/
Bulbeck Enviro	www.bulbeck.com.au/
Bullivants Pty Ltd	www.bullivants.com/
Bunzl Safety	www.bunzlsafety.com.au/
Bureau Veritas	www.bureauveritas.com.au/
Buslink	buslink.com.au/
CAC Gas & Instrumentation	www.cacgas.com.au/
Callidus Process Solutions Pty Ltd	callidusprocess.com.au
Caltex Petroleum	www.caltex.com.au/
Camco Engineering Pty Ltd	www.camcoeng.com.au/
Cameron Services International Pty Ltd	www.products.slb.com/
Cape Australia Onshore Pty Ltd	www.capeplc.com/
CAPS Australia Pty Ltd	www.caps.com.au/contact-us/perth/
CareFlight Limited	careflight.org/
Carey Mining	www.careymining.com.au/
Catamac Pty Ltd	www.catamac.com.au/
Cater Care	www.catercare.com.au/
Cavpower Pty Ltd	www.cavpower.com/
CDM Smith	www.cdmsmith.com/en
Centralian Controls	centralian.com.au
Centurion Transport Co Pty Ltd	centurion.net.au/
CETCO Oilfield Services Pty Ltd	www.mineralstech.com/
Ceva Freight (Australia) Pty Ltd	www.cevatransport.com.au/
CGH Services	www.corestaff.com.au/about-us/about-cgh-group/
CG Industrial Specialties Ltd	cgis.ca/
CGG	www.cgg.com/en
CH Robinson Pty Ltd	www.chrobinson.com/en-au/
Chandler Macleod Group	www.chandlermacleod.com/
CHC Helicopters (Australia)	www.chcheli.com/
Chemistry Centre (WA) (ChemCentre)	www.chemcentre.wa.gov.au/

ChoiceOne Pty Ltd	www.choiceone.com.au/
Christine Coyne & Associates	www.coyne-associates.com.au/
Civmec Construction & Engineering	civmec.com.au/
Civmec Construction & Engineering (Darwin Offshore Logistics Base)	civmec.com.au/
Clariant (Australia) Pty Limited	www.clariant.com/en/Corporate
Clarke Energy (Australia) Pty Ltd	www.clarke-energy.com/australia/
Clean Oil Services Pty Ltd	cleanoilservices.com/
Cleanaway Pty Ltd	www.cleanaway.com.au/
Clough Projects Australia Pty Ltd	www.clough.com.au
CNW Pty Ltd	shop.cnw.com.au/cnw/en/AUD/
Coates Hire Operations Pty Ltd	www.coateshire.com.au/
Cobham Aviation Services	www.cobhamaviationservices.com/
Coffey Services Australia Pty Ltd	www.coffey.com/
Cole Workwear Pty Ltd	coleworkwear.com
Collins Industrial Distributors Pty Ltd	www.collinsid.com.au/
Comeca Electrical Equipments and Services Pty Ltd	www.comeca-group.com/en/
Compass Group Remote Hospitality Services Pty Ltd (ESS)	compass-group.com.au/
Competentia	www.competentia.com/
Compliance Monitoring Pty Ltd	compliancemonitoring.com.au/
Composite Pipe Systems Australia Pty Ltd	www.compositepipesystems.com/
Contract Resources Pty Ltd	www.contractresources.com
Control Equipment Pty Ltd	controlequipment.com.au/
Coogee Chemicals Pty Ltd	www.coogee.com.au/
Core Laboratories (Australia) Pty Ltd	www.corelab.com
Corefleet	www.corefleet.com.au/home
Coregas Pty Ltd	www.coregas.com.au/
Corporate Initiatives Australia Pty Ltd	thecigroup.com.au/
Corporate Protection Australia Group Pty Ltd	cpagroup.com.au/
Corrosion Control Engineering (WA) Pty Ltd	www.cceng.com.au/
COSL	www.cosl.no/
Countryman Safety	www.countrymansafety.com.au/
CPC Pilbara	www.cpcengineering.com.au/
Crane Worldwide Logistics (Australia) Co Pty Ltd	craneww.com
CraneCorp Australia	www.cranecorpaustralia.com.au/
Cross Cultural Consultants	www.ccant.com.au/
Crown Worldwide (Aust) Pty Ltd	www.crownworldwide.com/en-us
Crowne Pest Control	www.crownepestcontrol.com.au/
CSE Crosscom	cse-crosscom.com.au/
CTI Logistics Limited	www.ctilogistics.com
Culture Resource Centre Pty Ltd	cultureresourcecentre.com.au/

Cummins South Pacific Pty Ltd	www.cummins.com.au/
Dare Holdings Pty Ltd	www.dare-energy.com/
Dee's Cabs Pty Ltd	des.com.au/
Deep South Pty Ltd t/a Enpoint	www.enpoint.com.au/
Delmar Systems Pty Ltd	delmarsystems.com/
Delta FM Australia Pty Limited	compass-group.com.au/companies/deltafm
Delta Pty Ltd	www.deltagroup.com.au/
Depth Logistics Pty Ltd	depthlogistics.com/
Deugro Projects (Australia) Pty Ltd	deugro.com/
DHL Global Forwarding (Australia) Pty Ltd	www.logistics.dhl/au-en/home.html
Diamond Offshore General Company	www.diamondoffshore.com/
Directions Workforce Solutions	www.directionswa.com.au/
DistributionNOW (DNOW)	www.distributionnow.com/
DNV GL (Australia) Pty Ltd	www.dnvgl.com.au/
DOF Subsea Australia Pty Ltd	www.dofsubsea.com/
Dolphin	dolphinsdrilling.no/
Donaldson Electric Works Pty Ltd	www.donaldsonelectricworks.com.au/
Downer	www.downergroup.com/
DownUnder GeoSolutions Pty Ltd (DUG)	dug.com/
Draeger Australia Pty Ltd	www.draeger.com/en_aunz/Home
Dril Quip Australia Pty Ltd	dril-quip.com/
Drivetrain Power and Propulsion (Drivetrain Australia Pty Ltd)	www.drivetrainpower.com/
DUG (DownUnder Geosolutions Pty Ltd)	dug.com/
Easternwell Group Operations Pty Ltd	www.easternwell.com.au/
Ecolab	en-au.ecolab.com/
EDG Australia Proprietary Limited	www.edg.net/
EDgineering	www.edgineering.com.au/
Efttech International Pty Ltd	www.efttech.com.my/
EGS Survey Pty Ltd	www.egssurvey.com/Home.html
Ektimo Pty Ltd	ektimo.com.au/
Electrical Distributors of WA Pty Ltd	electricaldistributors.com.au/
Electrical Supply Solutions	www.electricalsupplysolutions.com.au/
Electrotech Australia Pty Limited	www.electrotech.net.au/contacts-2
Emerson Process Management Australia Pty Ltd	www.emerson.com/en-au
Empired Ltd	www.empired.com/
Empress Marine Pty Limited	empressmarine.com.au/
EndFire Engineering Services Pty Ltd	www.endfire.com.au
Endress & Hauser Australia Pty Ltd	www.au.endress.com/en
Energy Resourcing Australia Pty Ltd	energyresourcing.com/
EnergyLogistix (Aust) Pty Ltd	energylogistix.com.au/
EnerMech Pty Limited	www.enermech.com/

Ensco Australia	www.enscorowan.com/
Epsilon Instrumentation Pty Ltd	www.epsiloninstrumentation.com.au/
ERGT Australia Pty Ltd	ergt.edu.au/
ERM	www.erm.com/
Ertech Pty Ltd	www.ertech.com.au/
Executive Risk Solutions	www.executiverisksolutions.com.au/
Expro Group Australia Pty Ltd	www.exprogroup.com/
Extran Pty Ltd	www.extranheattransfer.com.au/
Falck Pty Ltd	www.falck.com.au/
Favelle Favco Cranes Pty Ltd	www.favellefavco.com/
Fearnley Procter Australia Pty Ltd	www.fearnleyprocter.com/
Fendley Consultancy Pty Ltd	www.fencon.com.au/
Ferretti International Ottaway Pty Ltd	www.ferretti-international.com.au/
Fircroft Australia Pty Ltd	www.fircroft.com/
Fire & Rescue Australia Training Pty Ltd	farat.com.au/
Fire & Safety Australia Pty Ltd	www.fireandsafetyaustralia.com.au/
Fire & Safety Systems (Australia) Pty Ltd	www.f-ss.com.au/
Fire Rescue Safety Australia (FRSA) Pty Ltd	www.frsa.com.au/
Firesafe Resource and Industrial Pty Ltd	www.firesafegroup.com.au/
FleetPlus	www.fleetplus.com.au/
Fleming's Welding Service Pty Ltd	www.fwsroma.com.au/
Flowserve Australia Pty Ltd	www.flowserve.com/en
Fluid Control Sales & Installations Pty Ltd	www.fluidcontrol.com.au/
Fluor Australia Pty Ltd	www.fluor.com/australia
Focus Demolition and Asbestos Removal WA Pty Ltd	www.focusdemolition.com.au/
Fodico Marine Group	www.fodico.com.au/
Franks International	franksinternational.com/
Fremantle Hydraulics	www.fremantlehydraulics.com.au/
Fuelfix Pty Ltd	www.fuelfix.com.au/
Fugro Australia Land Pty Ltd	www.fugro.com/
Fugro Australia Marine Pty Ltd	www.fugro.com/
Furmanite Australia Pty Ltd (now TEAM) Australia Pty Ltd (now TEAM)	www.teaminc.com/global-sites/australia
Fyfe Pty Ltd	fyfe.com.au/
Garlock Pty Limited	www.garlock.com/en
Gas Liquid Processing Engineering Pty Ltd	www.glp.com.au/
Gastech Pty Ltd	gastech.com/
Gearhart United Pty Ltd	www.sgs.com.au/
GF Engineering Pty Ltd	www.gfengineering.com.au/
GHD Pty Ltd	www.ghd.com/en-au/index.aspx
Global Engineering & Construction Pty Ltd	globalec.com.au/
Global Spill Control Pty Ltd	www.globalspill.com.au/

Globe Hill KBSS	kbssengineering.com.au/ghkjv/
GLP Group Pty Ltd	www.glp.com.au/
GO Offshore Pty Ltd	www.gooffshore.com.au
Golder Associates Pty Ltd	www.golder.com/
Golding Contractors Pty Ltd	www.golding.com.au/
GPA Engineering	www.gpaeng.com.au/
GQS	www.gqsworldwide.com/
Greencap Pty Ltd	www.greencap.com.au/
Greenfern Dynamics Pty Ltd	greenferndynamics.com/
Greyhound Resources	www.greyhound.com.au/
GTO Energy Services Pty Ltd	www.gtoenergyservices.com.au/
Guardian Offshore AU Pty Ltd	www.guardianoffshore.com.au/
Gun Marine	www.gunmarine.com.au/
Halfwave	www.halfwave.com/home
Halliburton Australia	www.halliburton.com/en-US/default.html
Handley Survey	www.handleysurveys.com.au/
Hartac Sales & Distribution Pty Ltd	www.hartac.com.au/
Hastings Deering Australia Limited	www.hastingsdeering.com.au/
Hays Specialist Recruitment (Australia) Pty Ltd	www.hays.com.au
Heat Exchangers WA	heatexchangers.com.au
Heatley Sales Pty Ltd	heatleys.com.au/
Heuch Pty Ltd	heuch.com.au/
Hitec Welding Pty Ltd	hitecwelding.com.au/
Hoerbiger Australia Pty Ltd (HIA)	www.hoerbiger.com/
Holdfast Fluid Power	holdfastaust.com.au/
Honeywell Analytics	www.honeywellanalytics.com/
Honeywell Ltd (Honeywell HBS)	buildingsolutions.honeywell.com/en-US/Pages/default.aspx
Hoover Ferguson	www.hooverferguson.com/
Horizon Resources International Pty Ltd	h-r-i.com/
HoseCo Australia Pty Ltd	hoseco.com.au/
HSA Marine Pty Ltd (formerly Harbour Services Australia)	www.harbourservices.com.au/
Huntsman Corporation Australia	www.huntsman.com/corporate/a/Home
HWC Hydraulics & Equipment	www.hwchydraulics.com.au/
Hydratight Asia Pacific	www.hydratight.com/
Hydraulic Energy Australia Pty Ltd	www.hydraulicenergy.com.au/
Hydro Australia Pty Ltd	www.hydroaustralia.com.au/
I&E Systems Pty Ltd	www.iesystems.com.au/
IC Integrity Pty Ltd (IAS and ICR Integrity Joint Venture)	icr-world.com/
ICE Engineering & Construction Pty Ltd	www.iceengineering.net.au/
ICON Engineering Pty Ltd	www.iconeng.com.au/
IFAP	www.ifap.asn.au/

IHI Engineering Australia Pty Ltd	www.ihl.com.au/
IMI CCI Australia	www.imi-critical.com/Pages/default.aspx
INCOS Engineering Pty Ltd	incos-e.com/
Industrial Plant & Service (IPS) Australia Pty Ltd	www.ipsaus.com.au/
Industry Group Services (Qld) Pty Ltd	igsqld.com.au/
Inflatable Packers International Pty Ltd (IPI)	www.inflatable-packers.com
Insitu Pacific Pty Ltd	insitupacific.com.au/
INTECSEA Pty Ltd	www.intecsea.com/
Integrated Industrial Pty Ltd	www.integratedindustrial.com.au/
InterMoor Pty Ltd	intermoor.com/
International Chemicals Engineering Pty Ltd	iceng.net.au/
International SOS	www.internationalsos.com/
Intertek Geotech (Geotechnical Services Pty Ltd)	www.geotechnical-services.com.au/
Intertek Testing Services (Australia) Pty Ltd	www.intertek.com/
IOR Petroleum Pty Ltd	www.ior.com.au/
IOT Group Australia Pty Ltd	theiotgroup.com/
iPipe Services Pty Ltd	ipipe.com.au/
Iplex Pipelines Australia Pty Ltd	www.iplx.com.au/
ISS Integrated Services Pty Ltd	www.au.issworld.com/
ITT Blakers	ittblakers.com/Home/
IXOM Operations Pty Ltd	www.ixom.com/
Jacobs	www.jacobs.com/capabilities/environmental
JAF Solutions Pty Ltd	www.jafs.com.au/2/
Jako Industries Pty Ltd	jako.com.au/
James Walker Australia	www.jameswalker.biz/australia
Jetwave Marine Services Pty Ltd	www.jwms.com.au/
Jobfit Health Group Pty Ltd	www.jobfit.com.au
John Crane Australia Pty Ltd	www.johncrane.com/
Johnson Matthey (Australia) Ltd	matthey.com/en
John Zink Asia-Pacific	www.johnzinkhamworthy.com/
Joyce Crane Hire (Leyburn Nominees Pty Ltd)	joycecrane.com/
Jolly & Sons Pty Ltd	www.jollyandsons.com.au/
KAEFER Integrated Services Pty Ltd	www.kaefer.com.au
KAW Engineering Pty Ltd	www.kawengineering.com.au
Kellogg Brown & Root	www.kbr.com/en-au
Kennards Hire	www.kennards.com.au/
Kentz Pty Ltd	www.snclavalin.com
Kimberley Ports Authority	www.kimberleyports.wa.gov.au/
Kinetic Chemicals Pty Ltd	www.mpckinetic.com/
Klinger Limited	www.klinger.com.au/
Kooya Fleet Solutions	www.kooyafleetsolutions.com.au/

Kotug Maritime Services Australia	www.kotug.com/companies/kotug-australia
KSB Australia Pty Ltd	www.ksb.com/ksb-au/
L&A Pressure Welding Pty Ltd	la.services/
L&H Group (Lawrence & Hanson)	www.lh.com.au/
Labrador Petro Management Pty Ltd	www.lpm.com.au/
LBW Co Pty Ltd	lbwco.com.au/
Legeneering (Aust) Pty Ltd	www.legeneering.com.au/
LFF Brisbane Pty Ltd	www.lff-group.com/
Liebherr Australia Pty Ltd	www.liebherr.com/en/deu/start/start-page.html
Lifeaid Pty Ltd	www.lifeaid.com.au/
Lifrite	www.lifrite.com/
Lift Equipt Pty Ltd	liftequipt.com.au
Linfox Australia Pty Ltd	www.linfox.com/
Link Resources Pty Ltd	link-resources.com.au/
Linx Cargo Care Group	linxcc.com.au/
Lloyds Register International	www.lr.org/en-au/
LMATS Pty Ltd	lmats.com.au/
LOC (Australia) Pty Ltd	loc-group.com/
Lockforce Consultancy International	lockforce.com.au/
Lodios (Petroleum & Mining Engineering)	www.pame.com.au/
LogiCamms	www.logicamms.com.au/
Lotus Engineering Pty Ltd	www.lotuseng.com.au/index.php
Lowes Petroleum Services (Ocwen Energy Pty Ltd)	www.lowespetrol.com.au/
LQC Group Pty Ltd	www.lqcgroup.com.au/
LW Survey Australia Pty Ltd	www.lwsurvey.com/
MacDermid Offshore Solutions	offshore.macdermid.com/
Machinemonitor Pty Limited	www.machinemonitor.com/
MacLean Electrical (Australia) Pty Ltd	www.macleanelectrical.com.au/
MacNellie's Workplace Safety	www.macnellies.com.au/
Maersk Drilling	www.maerskdrilling.com/
Maersk Supply Service	www.maersksupplyservice.com/
Magellan Power	magellanpower.com.au/
MAK Industrial Water Solutions Pty Ltd	www.makwater.com.au/
Maritime Engineers Pty Ltd	maritime-engineers.com.au/
Marubeni-Itochu Tubulars Oceania Pty Ltd	mito.net.au/
MAS (an AusGroup Company)	www.ausgrouppltd.com/
Matera Electrical Services	materaelectrical.com.au/
Matic Transport Pty Ltd	www.matictransport.com.au/
Matrix Composites & Engineering	www.matrixengineered.com/
Max Crane & Equipment Hire SA Pty Ltd	maxcranes.com.au/
Maxwell and Robinson and Phelps	mrppestcontrol.com.au/

Measurement Plus Pty Ltd	www.measurement-plus.com.au/
Mechanical Project Services (MPS) Pty Ltd (Mechanical Project Management Pty Ltd)	www.mpm-group.com.au
MEGT Australia Ltd	www.megt.com.au
Mercury Firesafety Pty Ltd	www.mercfire.com.au/
Metocean Services International Pty Ltd	metoceanservices.com/
MetSolv Pty Ltd	www.metsolv.com/
M-I Australia Pty Ltd	www.SLB.com
Mid Continent Equipment Pty Ltd	www.mid-continents.com/
Mintech Australia	gasbags.com.au/
Minteg	www.minteg.co.uk/
MizCo Pty Ltd	www.mizco.com.au/site/
MKJV (Matera Kentech JV)	mkjv.com.au/
MM Electrical	www.mmem.com.au/
MMA Offshore Limited	www.mmaoffshore.com
MMC Australia	www.mmc1.com.au/
MMI Engineering Limited	www.mmiengineering.com/
ModuResources Australia Pty Ltd	www.moduresources.com/
Monadelphous	www.monadelphous.com.au/
MRC Global Australia Pty Ltd	www.mrcglobal.com/Global-Region/Default
MSS Security Pty Limited	msssecurity.com.au/
MSS Strategic Medical and Rescue Pty Ltd	msssecurity.com.au/market-sectors/strategic-medical-and-rescue/
MTU Aero Engines	www.mtu.de/
Narrabri Crane Service Pty Ltd (ITC Crane Services Pty Ltd)	narrabricranes.com.au/
NEMMS JV	nemmsjv.com.au/
Neptune Marine Services Pty Ltd	www.neptunems.com/
Nihar	nihar.com.au/
Nilsen (SA) Pty Ltd	www.nilsen.com.au/
Nitschke Energy Services	nitschkegroup.com/
Noble	www.noblecorp.com/fleet/
Norsafe Australia Pty Ltd	www.viking-life.com/en
NorSea Group (Australia) Pty Ltd	norseagroup.com/
North West Alliance Pty Ltd	www.nwwa.com.au/
Northern Rise Village Services Pty Ltd	www.delawarenorth.com
Northfleet	www.northfleet.com.au/
Northpoint Fleet Management (Ducala Pty Ltd)	www.northpoint.com.au
NOV	www.nov.com/
NT Port and Marine Pty Ltd	www.ntportandmarine.com/
NTC Contracting Pty Ltd	www.ntc.net.au/
NTRS Smarter Recycling	www.ntrs.com.au/
Nylastex Tooling Pty Ltd	www.nylastex.com.au/

Obadare Group	www.obadare.com.au/
OccuHealth Pty Ltd	www.occuhealth.com.au/
Oceaneering Australia Pty Limited	www.oceaneering.com/
Oceania Engineering Services Pty Ltd	www.oceaniaeng.com/
Oceanic Controls Pty Ltd	www.oceaniccontrols.com.au/
Oceanic Offshore Pty Ltd	www.oceanicoffshore.com.au
Ochre Cultural Heritage Management Pty Ltd (Ochre Community Consulting)	ochrecc.com.au/ochre/
Odyssey Marine Pty Ltd	odysseymarine.com.au/
OEG Offshore	www.oegoffshore.com/
Oil & Gas Solutions Pty Ltd (OGS)	www.oilgassol.com/
Oil Spill Response Limited	www.oilspillresponse.com/
Oilfield Technologies	www.oilfieldtech.com.au/
Oilfield Transport Services Pty Ltd	www.oilfieldtransportservices.com.au/
Oleochem Project Management Ltd	www.oleochem.com/
Omega Security Services Pty Ltd	compass-group.com.au/companies/omega
OneSubsea	www.onesubsea.slb.com/
Onsite Rental Group Operations Pty Ltd	www.onsite.com.au/
Orion Engineering Services	www.orionjobs.com/
Orion Fire Engineering Pty Limited	www.orion-fire.com/
Orontide Group Limited	www.orontide.com.au/
OSD Pipelines Limited (100% owned subsidiary of LogiCamms Limited)	osdlimited.com/
OSHGroup Pty Ltd	oshgroup.com.au/
Osprey Asset Management Pty Ltd	www.oam-group.com/
Ozinc Industries Pty Ltd	ozinc.com.au/
P&A Welding Pty Ltd	www.pawelding.com.au/
P.A.S.E. Services Pty Ltd	www.paseserv.com.au/
Pacific Automation	pacificautomation.com.au/
Pacific Controls Pty Ltd	paccon.com.au/
Panalpina World Transport Pty Ltd	www.panalpina.com/www/aus/en/home.html
Parabellum International Pty Ltd	parabellum.com.au/
Patch Personnel Pty Ltd	www.patchpersonnel.com
Paull and Warner Resources Pty Ltd	www.paull-warner.com.au/
PCM Group Pty Ltd	www.pcmgroupnt.com/
Pendoley Environmental Pty Ltd	www.penv.com.au/
Penske Power Systems Pty Ltd	www.penskeperth.com/
Pentagon Freight Services Pty Ltd	www.pentagonfreight.com/
Petrofac	www.petrofac.com/en-gb/home/
Petrolab Australia Pty Ltd	petrolab.net/
Petroleum & Mining Engineering	www.pame.com.au/
PFP (Aust) Pty Ltd	pfp.com.au/

PGS Australia Pty Ltd	www.pgs.com/
PHI International	phi-int.com/
Pindari WA Pty Ltd	www.pindariwa.com/
Pipeline Actuation & Control	www.hifraser.com.au/
Pipetech (NDA Australia Pty Ltd)	www.pipetech.com.au/
Pirtek Oil and Gas Pty Ltd	www.pirtek.com.au/
Powerflo Solutions Pty Ltd	www.powerflo.com.au/
PPI Australia Pty Ltd	www.ppigroup.com.au/
Pressure Dynamics International Pty Ltd	www.pressuredynamics.com/
Prochem Pipeline Products Pty Ltd	www.prochem.com.au/
Programmed Skilled Workforce	programmed.com.au/
Project Materials Australia Pty Ltd	www.pmpiping.com/index.php?id=home0
Pro-Test Pty Ltd	www.pro-test.com.au/
PSM Subsea	psmupstream.com.au/
Puma Energy (Australia) Fuels Pty Ltd	www.pumaenergy.com.au/
Qantas Airways Limited	www.qantas.com/au/en/about-us.html
Quayside Logistics	www.quayside.net.au/
Qube Energy Pty Ltd	qube.com.au/
Queensland Fire and Emergency Services	www.qfes.qld.gov.au/Pages/default.aspx
Quest Maritime Services WA Pty Ltd	www.questmaritimeservices.com.au/
R&D Solutions Pty Ltd	www.randd-solutions.com.au/
Radcoflex Australia Pty Limited	www.radcoflex.com/
Radlink Pty Ltd (Radlink Communications)	www.radlink.com.au/
RAS Contracting (Nimitybelle Pty Ltd)	rasmith.com.au/
Reads Electric Company Pty Ltd	readselectric.com/
Redspear Safety Pty Ltd	www.redspearsafety.com.au/
Redox Pty Ltd	redox.com/
Regional Asset Maintenance Services Pty Ltd	www.ramservices.com.au/
RemSense Pty Ltd	altitude-imaging.com/
Reservoir Group Coring	www.reservoirgroup.com/coring/
Revesco Aviation Pty Ltd	revescoaircharter.com.au/
Rexel Electrical Supplies	www.rexel.com.au/are/
Reziliens Pty Ltd	www.riziliens.com/
RigNet Australia Pty Ltd	www.rig.net
Risk 2 Solution	risk2solution.com/
Riverside Marine	riversidemarine.com.au/
Rivet Energy Pty Ltd	rivet.com.au/
Rob Benn Holdings Pty Ltd	rbholdings.com.au/
Rohrback Cosasco Systems Pty Ltd	www.cosasco.com/
Roma Transport Services (Qld) Pty Ltd	www.romatransport.net.au/
Rosen Australia Pty Ltd	www.rosen-group.com/global.html

Roteq Australia Pty Ltd	www.roteq.com.au/
Rowe Scientific Pty Ltd	www.rowe.com.au/rowe/Home.htm
RPS	www.rpsgroup.com/
RS Components Pty Ltd	au.rs-online.com/web/
Rusca Environmental Solutions Pty Ltd (Rusca Group)	www.ruscaservices.com.au/
Sadleirs Nexus Logistics	www.sadleirs.com.au/
Sadleirs Transport Co	www.sadleirs.com.au/
Safehouse (Australia)	www.safehousegroup.com/
Safeman Australia Pty Ltd	www.safeman.com.au/
Saferight Pty Ltd	www.saferight.com.au/
Santa Fe Relocation	www.santaferelo.com/en/
Sapura Energy	www.sapuraenergy.com/
Scantech Offshore Pty Ltd	www.scantechoffshore.com/
Schenker Australia Pty Ltd	www.dbschenker.com/au-en/
Schlumberger Australia	www.slb.com/
Scientific Partners Australia Pty Ltd	www.scientificpartners.com.au/
Scomi Oiltools Pty Ltd	scomigroup.com.my/
Scope HSEQ Pty Ltd	scopehseq.com.au/
Score Group (Score Perth Pty Ltd)	score-group.com/companies/score-perth-pty-limited
Scotcher Race Fuels and Oils Pty Ltd	www.scotcherracefuels.com.au/
Scotford & Febbessy	www.scotfordfennessy.com.au/
Secora (Australasia) Pty Ltd	secora.com.au/
Secure Power Solutions Pty Ltd	www.securepower.com.au/
Serversa Pty Ltd	serversa.com.au/
Severn Glocon Australia	www.severnglocon.com/severn-glocon-australia/
SGS Australia Pty Ltd	www.sgs.com.au/
Sharpe Engineering	www.sharpeengineering.com.au/
Shelf Subsea Australia Pty Ltd	www.shelfsubsea.com/
Shelf Subsea Australia Pty Ltd/Bintang Subsea Australia Pty Ltd	www.bintangsubsea.com/
Shorelands Group Pty Ltd	www.shorelandsgroup.com.au/
Shorpak Pty Ltd	www.shorpak.com.au/
Siem Offshore Australia Pty Ltd	www.siemoffshore.com/
Siemens Ltd	new.siemens.com/au/en.html
Silverhorse Technologies Ltd	www.silverhorsetech.com/
Singtel Optus	www.optus.com.au/
SIRVA Pty Ltd	www.sirva.com/en-au
Site Group International Limited	www.site.edu.au/home
Sitzler Pty Ltd	www.sitzler.com.au/content/stz_v2_home.asp?
Skippers Aviation Pty Ltd	www.skippers.com.au/
SL Tanks & Equipment Pty Ltd	www.sl tanks.com.au
Slade Industries Maintenance Pty Ltd	www.sladeindustries.com.au/

Sodexo Energy & Resources	us.sodexo.com/home.html
Solar Injection Australia Pty Ltd	solarinjection.com.au/
Solar Turbines Australia	www.solarturbines.com/en_US/index.html
Solstad Offshore ASA	www.solstad.com/
Sonic HealthPlus Pty Ltd	www.sonichealthplus.com.au/
Sparrows Group	www.sparrowsgroup.com/
Specialised Pipe and Fittings Australia Pty Ltd	www.spfa.com.au/
Specialised Welding Pty Ltd	www.swaust.com.au/
Speciality Services Qld Pty Ltd	specialityservicesqld.com.au/
SpeedCast Australia Pty Ltd	www.speedcast.com/
SPIE Plexal	plexalgroup.com/
Spotless Facility Services Pty Ltd	www.spotless.com/services/facility-management/
SRG Global Integrated Services Pty Ltd (GCS Integrated Services Pty Ltd)	www.srgglobal.com.au/
St John Ambulance	stjohn.org.au
Stantec Australia Pty Ltd	www.stantec.com/en
Star Track Express Pty Ltd	startrack.com.au/
STATS Group	www.statsgroup.com/
Stena	www.stena-drilling.com/
Stevenson Logistics Pty Ltd	www.stevensonlogistics.com.au/
STM New Zealand Ltd	stm.net.nz/
Stork Technical Services Australia Pty Ltd	www.stork.com/en/
Subsea 7 i-Tech Australia Pty Ltd	i-tech7.com/en/
Sulzer Pumps Pty Ltd	www.sulzer.com/
Sumitomo Australia Pty Ltd	www.sumitomocorp.com/en/asia-oceania
Suncoast Waste Water Management (Neatport Pty Ltd)	www.ozzikleen.com.au/
Supagas Pty Limited	www.supagas.com.au
Superior Energy Services (Australia) Pty Ltd	www.superiorenergy.com.au/
Svitzer Australia Pty Ltd	www.svitzer.com/
Swagelok	perth.swagelok.com/en
Swire Oilfield Services	www.swireos.com/
Swire Pacific Offshore Pty Ltd	www.swirespo.com/
Synertec	www.synertec.com.au/
Talent International Pty Ltd	www.talentinternational.com.au/
Tamboritha Consultants Pty Ltd	tamboritha.com.au/
TAMS Group	www.tamsgroup.com.au/
Tasman Oil Tools Pty Ltd	www.tasmanoiltools.com/tasman-oil-tools-australia/
TechnipFMC	www.technipfmc.com/
TEK Ocean Energy Services Pty Ltd	www.tek-ocean.com.au/
Telstra	www.telstra.com.au/
Tenaris Global Services Pty Ltd	www.tenaris.com/en

Terex Australia Pty Ltd	www.terex.com/cranes/en/
Termico Pest Management Pty Ltd	www.termicopestmanagement.com.au/
TGS-NOPEC Geophysical Pty Ltd	www.tgs.com/
The Energy Network (Australia) Pty Ltd	www.tengroup.com.au/
The Pump House	thepumphouse.com.au/
The Weldnet Pty Ltd	weldnet.com.au/
Thistle Fabrication	thistlefab.com.au/
Thompsons Kelly & Lewis Pty Ltd (Flowserve Pump Division)	www.tkl.com.au
Toll Energy & Marine Logistics	www.tollgroup.com/industries/energy
Toll Group	www.tollgroup.com/
Topo Group Pty Ltd	www.topo.com.au/contact
Total Industrial & Safety	totalindustrial.com.au/portal/
Total Marine Technology Pty Ltd	www.tmtrov.com.au/
Toyota Fleet Management (Toyota Finance Australia Limited)	www.toyotafleetmanagement.com.au/
Transocean	www.deepwater.com/
Trasan	trasan.com.au/industrial-scaffolding/
TravelSafe Coach Hire	travelsafecoachhire.com.au/
Tremco Pipeline Equipment Pty Ltd	tremcopipeline.com.au/
TRILITY Pty Ltd	trility.com.au/
Trushape Engineering Pty Ltd	www.trushape.com.au/
Tutt Bryant Heavy Lift & Shift	www.tuttbryant.com.au/tbhls/
UGL Operations & Maintenance Pty Ltd	ugllimited.com
Uniquip Engineering Pty Limited	www.uniquip.com.au/index.php
United Pumps Australia	www.unitedpumps.com.au
Universal Cranes Pty Ltd	www.wauniversal.com.au/
Upstream Production Solutions	www.upstreamps.com/
UTEC Geomarine	utecsurvey.com/
UTEC Survey Australia Pty Ltd	utecsurvey.com/
Valmec	www.valmec.com.au
Van Oord Australia Pty Ltd	www.vanoord.com/
Varel International Australia Pty Ltd	www.varelintl.com/
Veolia Environmental Services (Australia) Pty Ltd	www.veolia.com/anz/
Vertech Group Pty Ltd	www.verttech.com.au/
Vertical Services Pty Ltd	www.verticalservices.com.au/
Vicom Australia Pty Ltd	www.vicom.com.au/
Viking SeaTech	www.vikingseatech.com/
Vinindex Pty Ltd	www.vinindex.com.au/
Vipac Engineers and Scientists Limited	www.vipac.com.au/
Virgin Australia Regional Airlines Pty Ltd	www.virginaustralia.com/au/en/
Viva Energy Australia Pty Ltd	www.vivaenergy.com.au/
Walker Newman and Associates Pty Ltd	www.wna.com.au/

Wallenius Wilhelmsen Logistics (Australia) Pty Ltd	www.2wglobal.com/
Weatherford Australia	www.weatherford.com/en/
Weir Minerals Australia Ltd	www.global.weir
Wellsun Engineering Pty Ltd	wellsunengineering.com.au/
Wesfarmers Kleenheat	www.kleenheat.com.au/
West Coast Pilots Pty Ltd	www.westcoastpilots.com.au/
Western Advance Pty Ltd	www.westernadvance.com/
Western Process Controls Pty Ltd	www.wpc.com.au/
Westrac Pty Ltd (Westrac Equipment Pty Ltd)	www.westrac.com.au/
Wild Geese International Pty Ltd	www.wildgeese.com.au/
Wilson Security Pty Ltd	www.wilsonsecurity.com.au/Pages/Home.aspx
Wiltrading STACE Pty Ltd	www.wiltradingstace.com.au/
Winnellie Hydraulics	winnelliehydraulics.com/
Wood	www.woodplc.com/
WorkPac Pty Ltd	www.workpac.com/recruitment-perth
Worley	www.worleyparsons.com/
Wormald Australia Pty Ltd	www.wormald.com.au/
Xpanse	www.xpanse.com.au/
Zenith Pacific Pty Ltd	www.zenithenergyltd.com/
Zinfra Pty Ltd	www.zinfra.com.au/

