

STATEMENT OF CAPACITY

Defence Construction Industry in the Northern Territory





STATEMENT OF CAPACITY Defence Construction Industry in the Northern Territory



The Northern Territory construction industry has strong capabilities to service defence infrastructure projects.

The Northern Territory Government commissioned the Industry Capability Network of the Northern Territory (ICN NT)) to undertake an industry capability mapping and gap analysis study across the variety of trades relevant to defence construction projects. The Northern Territory industry was found to have high capabilities in 61 of the 85 scopes.

The 2016 Defence Whitepaper has outlined over \$20 billion worth of defence construction projects in the Northern Territory over the next 20 years. This presents significant opportunities for prime contractors to partner with the local construction industry to deliver this work.

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Construction represents 12% of Gross State Product in the Territory, making it one of the largest sectors in the economy. In peak years, the value of construction work undertaken in the Territory reached \$9 billion per annum. There is strong diversity in the projects being undertaken and completed, from world scale LNG Plants to small remote infrastructure projects.

This industry delivers a contemporary industrial relations environment, good productivity, appropriate safety, competition across the market and the capacity to deliver high quality projects no matter the location.

NT Construction is very much an industry in tune with its market and doing its bit to drive the Territory forward!

David Malone Executive Director, Master Builders Northern Territory



Territory based businesses have proven experience in delivering on defence construction projects. Numerous Northern Territory construction firms are experienced second and third tier defence contractors and several have undertaken head or managing contractor roles for significant defence projects. This presents opportunities for whole-of-life cost savings and other long-term advantages. The Northern Territory construction industry is experienced in delivering projects in regional and remote areas of the Northern Territory. The study also found that majority owned Aboriginal businesses were represented in 36 of the scopes mapped.

The local construction industry has significant experience in delivering construction projects for Defence, the Northern Territory Government and the private sector, including one of the world's largest and most complex oil and gas developments, the Ichthys LNG Project.

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The Ichthys LNG Project has benefited immensely from the capability offered by local businesses and the Territory workforce.

INPEX and lead onshore contractor JKC Australia Pty Ltd (JKC) have awarded more than 4700 lower tier subcontracts and purchase orders to more than 1100 Territory business, including 54 Aboriginal and Torres Strait Islander-owned companies to support onshore construction.

With billions of dollars flowing through the Territory economy as a result of construction activity, the INPEX-operated Ichthys LNG Project is proud to have boosted local businesses to become more diverse, competitive and accredited to support an oil and gas development that is world-class.



Sean Kildare INPEX General Manager, Darwin

Site Construction

CommunicationsHigh6Construction contractorsHigh6Construction contractorsHigh6Ceilings and partitionsHigh6Composite acoustic panel ceilingsHigh7Concrete structuresHigh7Concrete supply and placementHigh7Doors frames and hardwareHigh8Fire protection servicesHigh8Fire protection servicesHigh8MetalworkHigh9CarpentryHigh9Cond roomsHigh9Cool roomsHigh10Fixed joineryHigh10Louvers and screensHigh10PaintingHigh11Structural steelHigh11Tactiles/tread nosingsHigh11Block and bricklayingHigh12Fencing - security systems and gatesHigh12Mechanical servicesHigh12	Scope of Work	NT Capability	Page
WorkstationsHigh6Ceilings and partitionsHigh6Composite acoustic panel ceilingsHigh7Concrete structuresHigh7Concrete supply and placementHigh7Doors frames and hardwareHigh7Electrical servicesHigh8Fire protection servicesHigh8MetalworkHigh8Roof access systemHigh9CarpentryHigh9Commercial cleaningHigh9Cool roomsHigh10Fixed joineryHigh10Louvers and screensHigh11Structural steelHigh11Tactiles/tread nosingsHigh11Block and bricklayingHigh12Fencing - security systems and gatesHigh12	Communications	High	6
Ceilings and partitionsHigh6Composite acoustic panel ceilingsHigh7Concrete structuresHigh7Concrete supply and placementHigh7Doors frames and hardwareHigh7Electrical servicesHigh8Fire protection servicesHigh8High voltage infrastructureHigh8MetalworkHigh9CarpentryHigh9Commercial air conditioningHigh9Cool roomsHigh10Fixed joineryHigh10Louvers and screensHigh10Metal roofing and claddingHigh11Structural steelHigh11Tactiles/tread nosingsHigh11Block and bricklayingHigh12Fencing - security systems and gatesHigh12	Construction contractors	High	6
Composite acoustic panel ceilingsHigh7Concrete structuresHigh7Concrete supply and placementHigh7Doors frames and hardwareHigh7Electrical servicesHigh8Fire protection servicesHigh8High voltage infrastructureHigh8MetalworkHigh9CarpentryHigh9Commercial air conditioningHigh9Cool roomsHigh10Fixed joineryHigh10Louvers and screensHigh10PaintingHigh11Structural steelHigh11Tactiles/tread nosingsHigh11Block and bricklayingHigh12Fencing - security systems and gatesHigh12	Workstations	High	6
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PaintingHigh11Structural steelHigh11Tactiles/tread nosingsHigh11Termite servicesHigh11Block and bricklayingHigh12Fencing - security systems and gatesHigh12	Louvers and screens	High	10
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Tactiles/tread nosingsHigh11Termite servicesHigh11Block and bricklayingHigh12Fencing - security systems and gatesHigh12	Painting	High	11
Termite servicesHigh11Block and bricklayingHigh12Fencing - security systems and gatesHigh12	Structural steel	High	11
Block and bricklayingHigh12Fencing - security systems and gatesHigh12	Tactiles/tread nosings	High	11
Fencing - security systems and gates High 12	Termite services	High	11
	Block and bricklaying	High	12
Mechanical services High 12	Fencing – security systems and gates	High	12
	Mechanical services	High	12

Scope of Work	NT Capability	Page
Refrigeration packages	High	12
Reinforcement supply and fix	High	13
Tiling	High	13
Toilet/shower partitions	High	13
Water treatment	High	13
Accommodation – permanent	High	14
Formwork	High	14
Steel/glass balustrades	High	14
Aluminium glazed windows and doors	High	14
Architectural precast concrete	Moderate	15
Carpet	Moderate	15
Blinds	Moderate	15
Commercial kitchens	Moderate	15
Specialist airport doors	Moderate	16
Floor covering	Moderate	16
Shade sails-engineered	Moderate	16
Commercial roller doors	Moderate	16
Temporary buildings	Moderate	16
Accommodation – relocatable	Moderate	17
Geotextiles suppliers and installers	Moderate	17
Access flooring	Modest	17
Commercial pool builders	Modest	17
Aeronautical lighting	Modest	18
Specialist hangar doors	Modest	18
Warehouse suppliers and installers	Modest	18
Epoxy/special floor finishes	Modest	18

Logistics and Services

Scope of Work	NT Capability	Page
Crane contractors	High	19
Waste services	High	19
Fuel tanks – self bundled	High	19
Security services - patrol	High	19
Vehicle hire	High	20
Fencing – temporary	High	20
Equipment hire	High	20

Scope of Work	NT Capability	Page
Signage	High	20
Transport – general	High	21
Training providers	High	21
Scaffolding services	Moderate	21
Rigging and materials contractors	Moderate	21
Bus services - hire and charter	Moderate	22
Vertical transport	Modest	22

Site Works and Landscaping

Scope of Work	NT Capability	Page
Earthmoving contractors	High	23
Hydraulic services	High	23
Piling	High	23
Piping material and services	High	23
Plumbing	High	24
Landscaping	High	24
Reinforced earth walls	High	24
Rigid and flexible pavements	High	24
Asphalt services	Moderate	25
Line marking	Modest	25

Design, Engineering and Management

Scope of Work	NT Capability	Page
Instrument suppliers and fitters	High	26
Procurement and contracting	High	26
Engineering and design	High	26
Information technology services	High	26
Interior decorators	High	27
Managing contractor	High	27
Surveyor	High	27
Building management systems	Moderate	27

The 'NT capability' for each construction stream has been categorised based on the following number of businesses:HIGH 11+MODERATE 6-10MODEST 1-5



Site Construction

COMMUNICATIONS

Installation of complete site IT communications systems, ground works for installation, racking systems, power system, air conditioning systems, wiring systems and insulation.



Compliance:

Most with Building Code 2013, CAL, AS/NZS ISO 9001:2008 and AS/NZS 4801:2001 Previous clients: Dept of Defence, Defence prime / sub-prime contractors or government.

CONSTRUCTION CONTRACTORS

Procure all equipment and materials necessary and construct to deliver the functioning facility. Scope includes supervision, manpower and equipment.



Compliance: Large majority with Building Code 2013, CAL, AS/NZS ISO 14001:2004, AS/ NZS ISO 9001:2008 and AS/NZS 4801:2001.

Previous clients: Dept of Defence, oil and gas or mining industry.

WORKSTATIONS

Supply, deliver and install modular workstations and associated services, including soft wiring.



Compliance:

CEILINGS AND PARTITIONS

Many with AS/NZS ISO 9001:2008. Previous clients: Dept of Defence or government.



Supply, install and warrant all new ceilings, partitions and linings to buildings in each construction zone.

Darwin, Katherine, **Central Australia**

Compliance:

Many with CAL and Building Code 2013.

Previous clients: Defence Housing Australia, major construction companies or government.

BUSINESS SCALE = TURNOVER: Small < 1m - 20m | Medium 20m - 40m | Large > 40m 6 BUSINESS SIZE = EMPLOYEES: Small 1-19 | Medium 20 - 199 | Large 200+ CAPABILITY = NUMBER OF BUSINESSES: High 11+ | Moderate 6-10 | Modest 1-5

COMPOSITE ACOUSTIC PANEL CEILINGS

Supply and install acoustic panel ceiling systems to required buildings and associated structures.











Darwin, Katherine, Central Australia

Compliance:

Mostly CAL accredited and Building Code 2013 compliant.

Previous clients: Dept of Defence, government or major construction companies.

CONCRETE STRUCTURES

Manufacture and deliver concrete structures. Works include supply of conforming, precast structures, propping and footings, cast-in frames and patching.



Previous clients: Defence prime/sub-prime contractors, oil and gas industry or government.

CONCRETE SUPPLY AND PLACEMENT

Placement of concrete on demand to all specified areas on site including footpaths, kerbing, concrete slabs, footings, bindings, piles and retaining walls.



Compliance:

Large majority with Building Code 2013, CAL, AS/NZS ISO 14001:2004, AS/NZS ISO 9001:2008 and AS/NZS 4801:2001.

Previous clients: Defence prime/sub-prime contractors, government or oil and gas industry.

DOORS FRAMES AND HARDWARE

Manufacture, supply and installation of timber doors, glazed timber doors and steel clad doors, steel door frames and applied coatings, door hardware and associated fixings.



Diversity Darwin, Katherine, Central Australia

REGIONAL

Compliance:Mostly CAL accredited and Building Code 2013 compliant.Previous clients:Dept of Defence, Defence Housing Australia or government.

ELECTRICAL SERVICES

Installation, testing, commissioning and warranting to all buildings and structures. The scope includes cable installation, backfill, surface treatment and final connections from the building main switchboards.



Compliance:

Large majority with Building Code 2013, CAL, AS/NZS ISO 14001:2004, AS/NZS ISO 9001:2008, BS OHSAS 18001:2007 and AS/NZS 4801:2001.

Previous clients: Dept of Defence, Defence Housing Australia or government.

FIRE PROTECTION SERVICES

Provide and install Fire Protection Systems, including alarm systems, consulting on fire protection matters, portables and fixed firefighting systems. Scope includes maintenance of self-contained breathing apparatus, fire safety audits, dry and wet chemical suppliers and hazmat equipment.



Previous clients: Dept of Defence, mining, oil and gas industry or government.

HIGH VOLTAGE INFRASTRUCTURE

High voltage electrical services, including repair or replacement of defective equipment. Scope includes installation and maintenance of switchboards, transformers, area lighting, substation installation and cable jointing.



Compliance: All CAL accredited with majority Building code 2013 compliant, Australia AS/NZS ISO 14001:2004, AS/NZS ISO 9001:2008 and AS/NZS 4801:2001.

Previous clients: Dept of Defence or government.

METALWORK

Manufacture, supply, install and warrant all metalwork and applied finishes to buildings in each construction zone. Scope includes monitoring and inspections of off-site fabrication progress, shop drawings and testing of welding.



14001:2004, AS/NZS ISO 9001:2008 and BS OHSAS 18001:2007. Previous clients: Defence prime/sub-prime contractors, mining, oil and gas industry or major construction companies.

8 BUSINESS SCALE = TURNOVER: Small <1m - 20m | Medium 20m - 40m | Large > 40m BUSINESS SIZE = EMPLOYEES: Small 1-19 | Medium 20 - 199 | Large 200+ CAPABILITY = NUMBER OF BUSINESSES: High 11+ | Moderate 6-10 | Modest 1-5

ROOF ACCESS SYSTEM

Manufacture, supply, install and warrant all walkway, handrail and ladder systems, permanently installed fall arrest systems and anchor points, lifting and rigging points to buildings and associated minor structures.



CARPENTRY

SUMMARY

Manufacture and install required carpentry works and services. Scope includes the installation of plywood flooring, framing, linings, beams, timber doors, joints and required hardware.



Many Medium

SIZE

Compliance:

High

Many with CAL and Building Code 2013.

SCALE

Majority Small

Previous clients: Government, Dept of Defence or Defence Housing Australia.

COMMERCIAL AIR-CONDITIONING

Design and install commercial air-conditioning systems such as reverse cycle VRV/VRF, wall mounted fan coil units, ducted type fan coil unit and refrigerated units.









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DIVERSITY

Darwin, Katherine,

Barkly, Central Australia

Darwin, Katherine, Barkly, Central Australia

Compliance:

All CAL accredited and most with Building Code 2013.

Previous clients: Government, multinational companies or construction companies.

COMMERCIAL CLEANING

Supply of labour, materials and equipment for the routine cleaning of site establishment facilities.











Darwin, Katherine, Barkly, Central Australia

Compliance:

Insurances relevant to cleaning services. Previous clients: Multinational companies or government.

COOL ROOMS

Design and installation of commercial sized cool room systems, including large cool rooms and freezer rooms.



Compliance: Most CAL accredited.

Previous clients: Multinational companies or government.

FIXED JOINERY

Manufacture, supply and install fixed joinery together with associated works to all buildings in all construction zones. Scope includes joinery for kitchenettes, adjustable shelving units, cupboards, benches and service counters.



LOUVERS AND SCREENS

Design, fabricate, supply, install, certify and warrant louvers/shutters and screens together with associated works and applied coatings/surface treatments to all buildings in required construction zones.



Compliance:Many with CAL accreditation.Previous clients:Construction companies or government.

METAL ROOFING AND CLADDING

Manufacture, supply, install and warrant all metal roofing and wall cladding to required buildings and associated structures, including covered walkways and car parks.



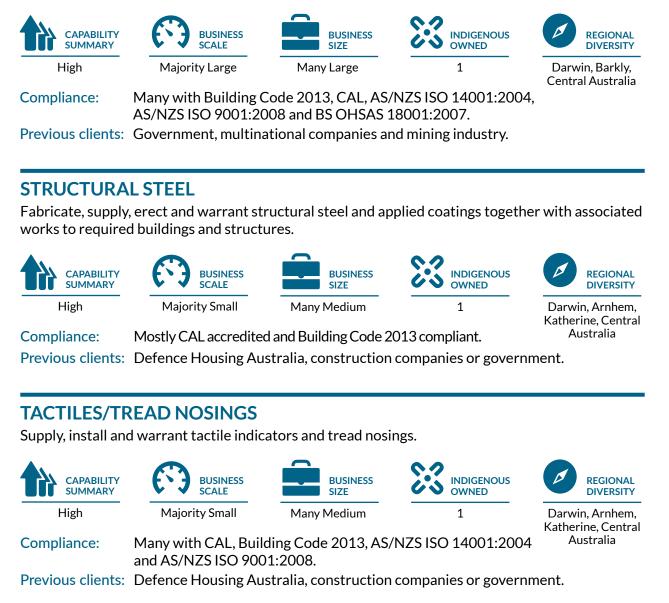
Compliance: Previous client

Most with CAL accreditation.

Previous clients: Defence prime/sub-prime contractors, major construction companies or government.

PAINTING

Contractor shall supply and undertake painting and applied finishes to all the buildings in all construction zones, including appropriate preparation of all surfaces and specification compliant applied coatings and warranties.



TERMITE SERVICES

The provision of termite pest control services to all project premises, including installation of polymer termite and moisture barriers systems and slab penetrations.





Darwin, Arnhem, Katherine, Central Australia

Compliance:

Mostly CAL accredited and Building Code 2013 complaint. Previous clients: Defence Housing Australia, mining industry or government.

BLOCK AND BRICKLAYING

Supply, install and warrant blockwork and associated works to buildings in each construction zone. Scope includes core-filled blockwork as well as associated expansion joints.



REGIONAL DIVERSITY Darwin, Central Australia

Compliance: Some with CAL accreditation and Building Code 2013. Previous clients: Major construction companies.

FENCING (SECURITY SYSTEMS AND GATES)

Manufacture, supply, install and warrant all fencing, gates, screens, applied finishes and hardware to buildings in each construction zone. Fencing includes chain-link fencing and gates, security fencing and gates, separation and isolation screens to plant-rooms.



MECHANICAL SERVICES

HVAC install to buildings, compressed air systems (plant and instrument air) including site reticulation of instrument air and laboratory gas, including suction systems.



Compliance:

Majority CAL and Building Code 2013 compliant. Many with AS/NZS ISO 14001:2004 and AS/NZS ISO 9001:2008. Previous clients: Dept of Defence, government or major construction companies.

REFRIGERATION PACKAGES

Works include complete cold room and freezer room package with all instrumentation and controls, wiring, insulation, painting, fabrication, assembly and all necessary accessories.











Darwin, Arnhem. Katherine, Central Australia

Compliance:

Most with CAL accreditation.

Previous clients: Major construction companies or government.

BUSINESS SCALE = TURNOVER: Small < 1m - 20m | Medium 20m - 40m | Large > 40m 12 BUSINESS SIZE = EMPLOYEES: Small 1-19 | Medium 20 - 199 | Large 200+ CAPABILITY = NUMBER OF BUSINESSES: High 11+ | Moderate 6-10 | Modest 1-5

REINFORCEMENT SUPPLY AND FIX

Works for all diameters include scheduling, marking plans, cutting and bending, stock and cut lengths, stirrups, spirals, mesh, tie wire, couplers, dowels and the like.



Compliance:

ce: Majority CAL accredited.

Previous clients: Multinational companies, mining industry or government.

TILING

Supply, install and warrant floor and wall tiling. Works include screed, grouting, falls to drains, protection of tiles and caulking.



Compliance:

Most with CAL accreditation. Some with AS/NZS ISO 9001:2008 and AS/NZ 4801:2001.

Previous clients: Defence Housing Australia, government or construction companies.

TOILET/SHOWER PARTITIONS

Manufacture, supply, install and warrant toilet and shower partitions and associated hardware to buildings.



Compliance:Most with CAL accreditation and Building Code 2013.Previous clients:Major construction companies or government.

WATER TREATMENT

Water assessment, waste minimisation, HDPE and PVC pipes and fittings for storm water drainage, including onsite detention and sub-soil drainage, hot and cold water generation, fire hydrants and hose reels, waste water treatment plant and water cartage services.



Compliance:

Majority with Building Code 2013, CAL, AS/NZS ISO 14001:2004, AS/NZS ISO 9001:2008 and AS/NZ 4801:2001.

Previous clients: Defence prime/sub-prime contractors, major construction companies or government.

ACCOMMODATION (PERMANENT)

Supply accommodation to support workforce during construction of the project. The venue shall, as a minimum, be large enough to accommodate the workforce in one or limited number of locations, meet the current industry standards and have experience with the construction workforce.













Darwin, Katherine, Barkly, Central Australia

Compliance:

Not applicable for this scope of works.

Previous clients: Mining, oil and gas industry or government.

FORMWORK

Design, supply, install, hire, strip and remove formwork and ancillary works to all specified areas on site. Formwork required for footpaths/kerbing, concrete slabs, blinding, footings and retaining walls.



Compliance:

Most with CAL, AS/NZS ISO 14001:2004 and AS/NZS 4801:2001.

Previous clients: Defence prime/sub-prime contractors, major construction companies or government.

STEEL/GLASS BALUSTRADES

Fabricate, supply and install balustrades, metalwork items and glazing as well as associated services.



Some with CAL accreditation. **Compliance:** Previous clients: Major construction companies.

ALUMINIUM GLAZED WINDOWS AND DOORS

Design, document, fabricate, manufacture, supply, deliver, install, certify and warrant glazed aluminium windows, doors, louvers/shutters together with associated works and applied coatings/ surface treatments to all the buildings in construction.



Compliance:

Most with CAL accreditation. Previous clients: Major construction companies.



ARCHITECTURAL PRECAST CONCRETE

Manufacture and deliver specification compliant precast concrete components, including products for drainage work, site casting beds, propping and footings, plates and dowels etc.



Previous clients: Defence prime/sub-prime contractor.

CARPET

Supply, install and warrant carpet and vinyl flooring together with associated works within the required buildings.



Compliance:

Majority CAL accredited. Previous clients: Government.





BLINDS

Supply and install window blinds together with associated works to all the required buildings. Scope includes electric blinds, black-out blinds and all interface electrical and security control systems.



Compliance:

Not applicable for this scope of works.

Previous clients: Defence prime/sub-prime contractors or government.

COMMERCIAL KITCHENS

Design, manufacture, supply and install commercial kitchen and all associated components. Scope includes inspection and assembly of all components and required fittings.



Compliance:

Most with CAL accreditation and Building Code 2013. Previous clients: Multinational companies.

SPECIALIST AIRPORT DOORS

Manufacture, supply, install and warrant specialist airport doors, glazed aluminium, timber and steel clad doors, steel door frames and applied coatings.



Compliance:

ce: Majority CAL accredited.

Previous clients: Major construction companies or government.

FLOOR COVERING

Supply, deliver and install all carpet, vinyl, tiles and other coverings as required, including all adhesives, priming solutions and silicones.



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SHADE SAILS (ENGINEERED)

Design, manufacture, supply and install proprietary tensile shade cloth structures to car park and other areas.



Compliance: Most with CAL accreditation.

Previous clients: Government.

COMMERCIAL ROLLER DOORS

Supply, install and commissioning of various roller doors including motorised units.



Compliance: Some with CAL accreditation.

Previous clients: Construction companies.

TEMPORARY BUILDINGS

Works include the provision of temporary buildings and facilities for site compound.

BUSINESS CAPABILITY BUSINESS **INDIGENOUS** REGIONAL SUMMARY SCALE SIZE OWNED DIVERSITY 0 Moderate Several Large Majority Medium Darwin, Central Australia **Compliance:** Many with Building Code 2013, CAL, AS/NZS 4801:2001 and AS/NZS ISO 9001:2008. Previous clients: Mining, oil and gas industry or government.

 16
 BUSINESS SCALE = TURNOVER: Small <1m - 20m | Medium 20m - 40m | Large > 40m

 BUSINESS SIZE = EMPLOYEES: Small 1-19 | Medium 20 - 199 | Large 200+

 CAPABILITY = NUMBER OF BUSINESSES: High 11+ | Moderate 6-10 | Modest 1-5

ACCOMMODATION (RELOCATABLE)

Supply of a fully serviced and managed accommodation complex in a single location. The accommodation is to be temporary or relocatable, including fully furnished/serviced, catering for breakfast and crib lunch, storage of personal items, on site gymnasium or proximal access to a gymnasium, warrant materials and workmanship of the completed installation, etc.





Many Large







Darwin, Central Australia

Compliance:

Most with Building Code 2013, CAL, AS/NZS 4801:2001, AS/NZS ISO 9001:2008 and AS/NZS ISO 14001:2004.

Previous clients: Defence prime/sub-prime contractors or mining, oil and gas industry.

GEOTEXTILES SUPPLIERS AND INSTALLERS

Supply and delivery to site of geotextile permeable fabrics.



Previous clients: Major construction companies or mining industry.

ACCESS FLOORING

Manufacture, supply, deliver to site, install and warrant raised/access floors to buildings in the operations zone.



Compliance: Not applicable for this scope.

Previous clients: Government.

COMMERCIAL POOL BUILDERS

Design and construct swimming pools, including excavation, civil works, installation of mechanical plant, concrete surround, anti-slip tile and nosing to pool edge, ceramic tiling to base and walls of pool and all reticulation.



Compliance:Building Code 2013 compliant.Previous clients:Defence prime/sub-prime contractors.

AERONAUTICAL LIGHTING

Supply and install aeronautical lighting and associated services including; medium intensity runway edge, threshold and end lights, medium intensity taxiway lighting (including turning nodes), hold point lights, runway guard lights, movement area guidance signs (MAGS), precision approach path indicators (PAPIS) for approaches to runways, illuminated wind director indicators (IWDIS) etc.











Compliance:

Most with CAL, Building Code 2013, BS OHSAS 18001:2007, AS/NZS 4801:2001, AS/NZS ISO 9001:2008 and AS/NZS ISO 14001:2004.

Previous clients: Major construction companies.

SPECIALIST HANGAR DOORS

Fabricate, supply and install specialist hangar doors, rolling steel hangar doors, door leaf structure, rails, electro-mechanical drive/brake control systems, testing and inspection.



Several CAL accredited. **Compliance:** Previous clients: Major construction companies.

WAREHOUSE SUPPLIERS AND INSTALLERS

Supply, install and warrant fitting of warehouse and pallet racking and associated works including specification compliance and warranties.





Majority Small







Compliance:

Modest

Some with AS/NZS ISO 9001:2008. Previous clients: Multinational companies.

EPOXY/SPECIAL FLOOR FINISHES

Contractor shall supply, apply and warrant epoxy and non-slip flooring and floor hardeners to the buildings in all construction zones.



Compliance:

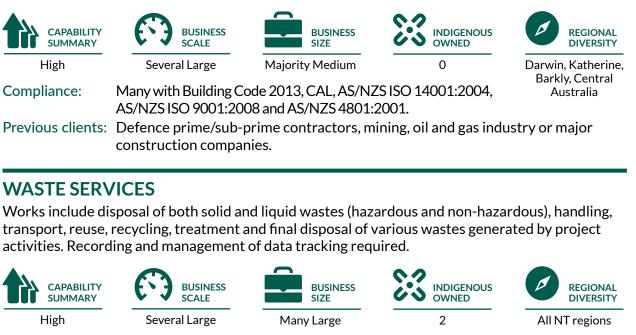
Some with CAL accreditation. Previous clients: Multinational companies.

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Logistics and Services

CRANE CONTRACTORS

Supply of crane and maintenance services, including inspection/recertification of fixed, static and mobile equipment, lift studies and wet and/or dry hire crane services.



Compliance:

Many with CAL accreditation, AS/NZS ISO 14001:2004, AS/NZS ISO 9001:2008 and AS/NZS 4801:2001.

Previous clients: Government or mining, oil and gas industry.

FUEL TANKS (SELF-BUNDLED)

Supply, install, certify and warrant self-bundled fuel tanks. Scope includes diesel storage tanks, including high flow dispenser for diesel together with associated pumps, leak detection, anti-syphon valves, control box and associated pipe work.



Compliance:

Many with Building Code 2013, CAL, AS/NZS ISO 14001:2004, AS/NZS ISO 9001:2008 and AS/NZS 4801:2001.

Previous clients: Mining, oil and gas industry or multinational companies.

SECURITY SERVICES (PATROL)

Provision of security guards, security officers and patrol vehicles to secure site facilities, including construction sites, access roads and accommodation during construction.



Previous clients: Multinational companies or government.

VEHICLE HIRE

The provision of mine specification 4WD diesel vehicles for use in the Northern Territory along sealed and unsealed roads, including off road.

BUSINESS

SIZE











Compliance: Not applicable for this scope.

Previous clients: Mining, oil and gas industry or government.

FENCING (TEMPORARY)

Supply, install, relocate and remove temporary site fencing. Scope includes gates, fencing and water barriers.











Compliance:

Several Large

Many Medium

Darwin, Central Australia

Many with Building Code 2013, CAL, AS/NZS ISO 14001:2004, AS/NZS ISO 9001:2008 and AS/NZS 4801:2001.

Previous clients: Defence prime/sub-prime contractors, mining, oil and gas industry, major construction companies or government.

EQUIPMENT HIRE

Supply of equipment including delivery, pick up, maintenance and insurance for project sites. Equipment includes earthmoving equipment, flex pumps and hoses, wet vacs, jackhammers, grinders, lighting towers, barricades, exhaust fans, oxy sets, EWPs, forklifts, generators and air compressors.



Previous clients: Mining, oil and gas industry or multinational companies.

SIGNAGE

Supply and installation of regulatory signs, warning signs, marker signs, guide and informational signs.



20 BUSINESS SCALE = TURNOVER: Small < 1m - 20m | Medium 20m - 40m | Large > 40m BUSINESS SIZE = EMPLOYEES: Small 1-19 | Medium 20 - 199 | Large 200+ CAPABILITY = NUMBER OF BUSINESSES: High 11+ | Moderate 6-10 | Modest 1-5

Previous clients: Multinational companies or government.

TRANSPORT (GENERAL)

Provision of air freight and heavy haulage transport.



Many with AS/NZS ISO 9001:2008, AS/NZS ISO 14001:2004 and Compliance: BS OHSAS 18001:2007.

Previous clients: Mining, oil and gas industry or multinational companies.

TRAINING PROVIDERS

Verification of competency testing, assessments and training courses, including qualified high risk assessors and trainers, all site based and non-site based assessments, reports and records as required by the contractor as well as plant/equipment for licence courses.









Compliance:

Many with AS/NZS ISO 9001:2008.

Previous clients: Defence prime/sub-prime contractors, mining, oil and gas industry, major construction companies or government.

SCAFFOLDING SERVICES

Supply scaffolding as required including: tube and clip, kwikstage, aluminium, mobile scaffolds. Works shall also include inspection to confirm suitability for continued use.



Compliance:

Most with Building Code 2013, AS/NZS ISO 14001:2004, AS/NZS ISO 9001:2008 and BS OHSAS 18001:2007.

Previous clients: Defence prime/sub-prime contractors or major construction companies.

RIGGING AND MATERIALS CONTRACTORS

Maintain integrity of mobile and fixed cranes including lifting equipment. Works include inspection/ recertification of equipment, repair, provision of rigging stores and rigging studies.



Compliance:

Many with Building Code 2013, AS/NZS ISO 9001:2008 and AS/NZS 4801:2001.

Previous clients: Defence prime/sub-prime contractors or major constructions companies.

BUS SERVICES (HIRE AND CHARTER)

Transport services for site workers, including provision of qualified drivers and sufficiently sized buses.











Darwin, Central Australia

Many with AS/NZS ISO 9001:2008, AS/NZS ISO 14001:2004, **Compliance:** AS/NZS 4801:2001 and BS OHSAS 18001:2007.

Previous clients: Mining, oil and gas industry or government.

VERTICAL TRANSPORT

Supply, deliver, install, test, commission and warrant the lift services installation, taking account of transport logistics and any delivery access constraints.

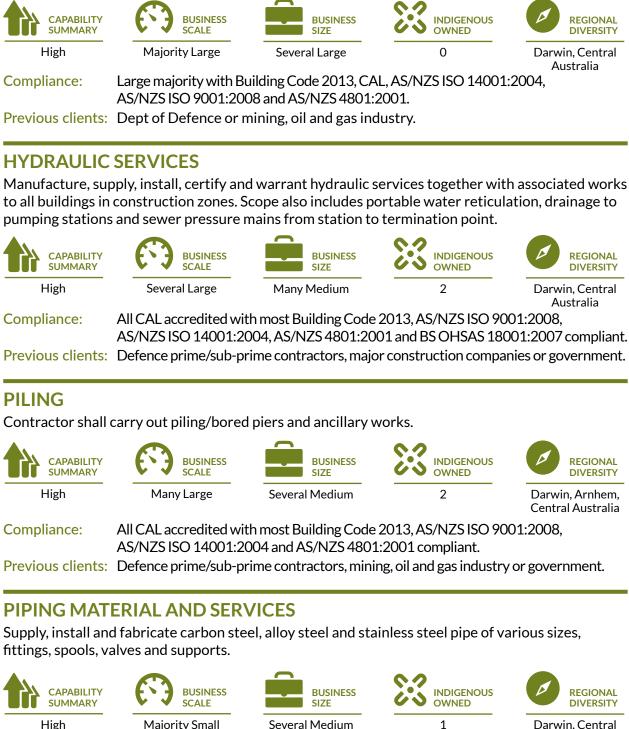


BUSINESS SCALE = TURNOVER: Small < 1m - 20m | Medium 20m - 40m | Large > 40m 22 BUSINESS SIZE = EMPLOYEES: Small 1-19 | Medium 20 - 199 | Large 200+ CAPABILITY = NUMBER OF BUSINESSES: High 11+ | Moderate 6-10 | Modest 1-5

Site Works and Landscaping

EARTHMOVING CONTRACTORS

Supply of crane and maintenance services, including inspection/recertification of fixed, static and mobile equipment, lift studies and wet and/or dry hire crane services.



Darwin, Central Australia

Compliance: Most with Building Code 2013, CAL, AS/NZS ISO 9001:2008 and BS OHSAS 18001:2007.

Maiority Small



1

Previous clients: Defence prime/sub-prime contractors, major construction companies, mining, oil and gas industry or government. BUSINESS SCALE = TURNOVER: Small < 1m - 20m | Medium 20m - 40m | Large > 40m

PLUMBING

Supply of materials and the delivery of general plumbing, and connect works to site offices and other buildings.



AS/NZS ISO 14001:2004 and AS/NZS 4801:2001.

Previous clients: Defence prime/sub-prime contractors, major construction companies or government.

LANDSCAPING

Contractor to design and carry out landscaping and planting works to the external areas of buildings in each construction zone.



Previous clients: Mining industry, multinational companies or government.

REINFORCED EARTH WALLS

Construction of reinforced earth walls, ancillary works and excavation, install of levelling pads, temporary propping of fascia panels and sourcing backfill material.



As/NZS ISO 14001:2004, AS/NZS 4801:2001 and BS OHSAS 18001:2007. Previous clients: Dept of Defence, major construction companies, government or mining, oil and gas industry.

RIGID AND FLEXIBLE PAVEMENTS

Contractor shall supply, install and warrant concrete pavements, asphalt road-works and ancillary works across construction zones.



Compliance: Majority with Building Code 2013, CAL, AS/NZS ISO 9001:2008, AS/NZS ISO 14001:2004 and AS/NZS 4801:2001.

Previous clients: Dept of Defence, defence prime/sub-prime contractors, major construction companies or mining industry.

24 BUSINESS SCALE = TURNOVER: Small <1m - 20m | Medium 20m - 40m | Large > 40m BUSINESS SIZE = EMPLOYEES: Small 1-19 | Medium 20 - 199 | Large 200+ CAPABILITY = NUMBER OF BUSINESSES: High 11+ | Moderate 6-10 | Modest 1-5

ASPHALT SERVICES

Supply, install and warrant concrete pavements, asphalt road works and ancillary works across the construction zones.



Compliance: Most CAL accredited. Some Building Code 2013, AS/NZS ISO 9001:2008 and AS/NZS ISO 9001:2015 compliant.

Previous clients: Government and major construction companies.

LINE MARKING

Line marking for traffic management, civil works, car parks and sports courts as well as marking of stencils, disability logos and raised retro-reflective and pavement markers.

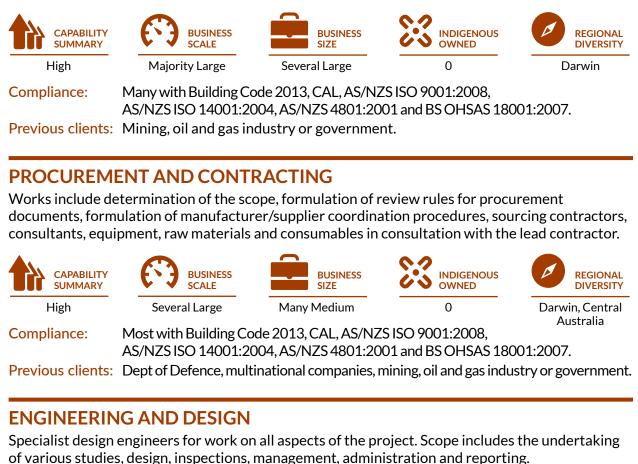


Compliance:All CAL accredited.Previous clients:Major construction companies.

Design, Engineering and Management

INSTRUMENT SUPPLIERS AND FITTERS

Design, supply, inspect, commission and warrant instrumentation together with associated works. Scope includes flow instruments, level instruments, pressure instruments, temperature instruments and process analysers.



CAPABILITY SUMMARY

High



Majority Large







Darwin, Central Australia

Compliance:

Many with Building Code 2013, AS/NZS ISO 9001:2008, AS/NZS ISO 14001:2004. AS/NZS 4801:2001 and BS OHSAS 18001:2007. Previous clients: Dept of Defence, Defence prime/sub-prime contractors, mining, oil and gas industry or government.

INFORMATION TECHNOLOGY SERVICES

Supply and install IT infrastructure for all works, including associated works to the nominated buildings in the construction zones. Scope includes telephone systems, hotlines, radio communications, CCTV/DV, WAN/LAN, PA systems, VSAT, routing and supervisory systems.











Darwin, Katherine, **Central Australia**

Compliance:

Majority Small

Most with Building Code 2013, CAL, AS/NZS ISO 9001:2008, AS/NZS ISO 14001:2004, AS/NZS 4801:2001 and BS OHSAS 18001:2007.

Previous clients: Dept of Defence, Defence prime/sub-prime contractors, mining, oil and gas industry or government.

INTERIOR DECORATORS

Overseeing the interior design process, including project budgeting and schedules, furniture selection and collaboration with other technical practitioners in the areas of mechanical, electrical and structural design.







Darwin, Katherine, **Central Australia**

Compliance:

Many with Building Code 2013, CAL and AS/NZS ISO 9001:2008. Previous clients: Dept of Defence, Defence prime/sub-prime contractors or government.

MANAGING CONTRACTOR

Required to administer and oversee complete project including scoping, risk reduction, design development, cost planning, programming and obtaining approvals.

CAPABILITY SUMMARY	BUSINESS SCALE	BUSINESS SIZE		REGIONAL DIVERSITY
High	Majority Large	Several Large	1	Darwin, Katherine, Central Australia
Compliance:	Majority Building Code			

AS/NZS ISO 14001:2004, AS/NZS 4801:2001 and BS OHSAS 18001:2007. Previous clients: Dept of Defence, Defence prime/sub-prime contractors, mining, oil and gas industry or government.

SURVEYOR

Contractor shall provide full digital terrain survey, ongoing site survey and technical cadastral surveying to buildings within construction zones and general external works.



Compliance: Many with Building Code 2013, AS/NZS ISO 9001:2008, AS/NZS ISO 14001:2004 and AS/NZS 4801:2001. Previous clients: Defence prime/sub-prime contractors, major construction companies or mining, oil and gas industry.

BUILDING MANAGEMENT SYSTEMS

Supply and install of Building Management Systems and associated hardware/software.



ABOUT THE STUDY

The information compiled in the industry capability mapping and gap analysis study an evaluation of the resources and skills necessary to compete, obtain and provides defence construction work in the Northern Territory.

The Industry Capability Network of the Northern Territory (ICN NT) reviewed the current and potential defence construction projects in the Northern Territory, including Project R8000 and facilities requirements for the New Air Combat Capacity (NACC) at the RAAF Base Tindal. ICN NT looked at the key requirements for local industry to become eligible to win contracts on defence projects and, with input from the Master Builders Association NT, were able to comprehensively map the various capabilities of Northern Territory businesses for typical defence construction projects.

The study found that Northern Territory industry has significant capabilities in the construction sector with at least 940 businesses being identified as capable against the 85 scopes of work analysed and many with previous experience in meeting key Defence requirements.

KEY REQUIREMENTS FOR INDUSTRY

Northern Territory industry recognises that Defence is a sophisticated purchaser of construction services. Engagement with Defence requires local industry to comply with Federal rules and processes. These include but are not limited to:

- Mandatory legislation: Building Code 2013, Federal Safety Commission Accreditation
- Key policy: Commonwealth Procurement Rules, Commonwealth Indigenous Procurement Policy, SMART Infrastructure Manual
- Northern Territory industry has been working closely with the Australian Building and Construction Commission (ABCC) since the passing of legislation in December 2016 to promote the 2016 Building Code obligations to contractors, sub-contractors and suppliers.

Contractor Accreditation Limited (CAL) Accreditation

Contractor Accreditation Ltd (CAL) is a non-profit company established by the NT Chamber of Commerce, the Master Builders Association NT and the NT Small Business Association to manage a scheme of self-regulation for the building and construction industry. Although holding CAL accreditation is not a prerequisite for Defence construction work, it does provide an indication of the financial capacity of the business.

Other Accreditation and Certifications

A number of ISO certifications are recognised in this study including: AS/NZS ISO 9001:2008 = quality management systems AS/NZS 4801:2001 = OHS management systems AS/NZS ISO 14001:2004 = environmental management BS OHSAS 18001:2007 = OHS management systems.









FURTHER INFORMATION REQUIRED?

ICN NT

Contact ICN NT for assistance identifying capable Northern Territory businesses that meet your specific project requirements.

6b/390 Stuart Hwy, Winnellie NT 0820

(08) 8922 9422 icnnt.org.au



DefenceNT

DefenceNT is part of the Northern Australia Development and Trade division with the Department of Trade, Business and Innovation.

DefenceNT coordinates the Northern Territory Government's strategic engagement with Defence and other governments to increase industry engagement, business development, investment and employment in the Northern Territory.

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