

# STATEMENT OF CAPACITY

# Aquaculture and Crocodile Farming Industry in the Northern Territory





# STATEMENT OF CAPACITY

# Aquaculture and Crocodile Farming in the Northern Territory

To support the thriving aquaculture and crocodile farming industry of the Northern Territory and Western Australia's Kimberley region, a capability mapping and gap analysis study was undertaken to highlight the supporting trades, services and supply capacity.

The Northern Territory Government commissioned the Industry Capability Network of the Northern Territory (ICN NT) to produce the report.

Information for this report was captured from the ICN database and used to measure the capabilities of businesses within the Darwin, Katherine, Arnhem and Kimberley regions against the likely scopes of work required to service and supply.

In summary, a total of 749 unique businesses had their capabilities matched against the identified scopes of work. Approximately 624 businesses were identified as service providers and 143 were identified as potential suppliers/wholesalers.

The study also identifies 47 unique Aboriginal-owned businesses who's capabilities were matched to the likely scopes of work on 102 occasions. The Civil and Construction trade category held the highest content of capability from majority Aboriginal-owned businesses, with the 18 unique businesses identified in this category, matching the scopes of work on a total of 40 occasions. The bulk earthworks and grading services scopes of work held a considerably higher content of Aboriginal-owned business capability than the other scopes.

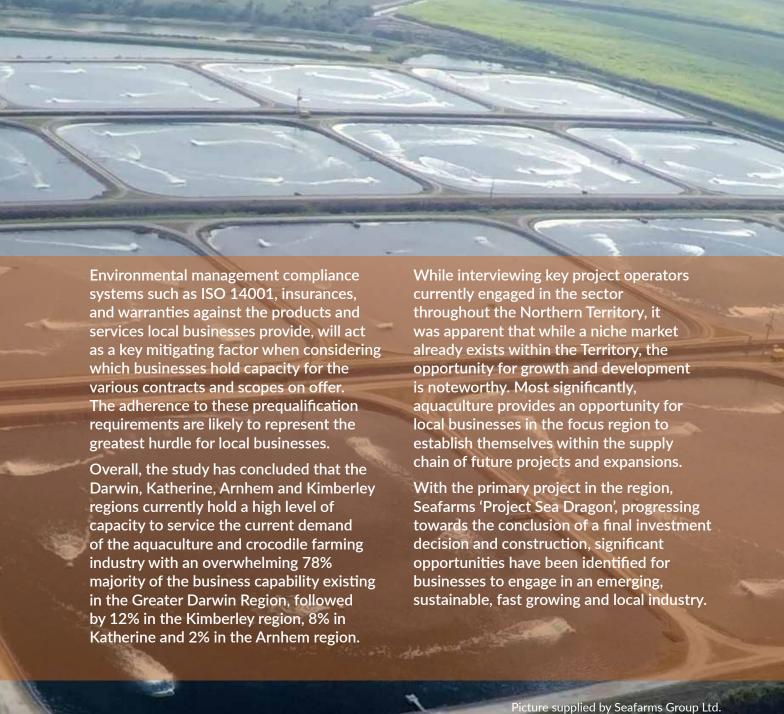
The study identified the need for businesses within the northern region to accurately understand and engage with various biosecurity protocols as set by project owners or operators in the industry.

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Over the past ten years, crocodile farming has evolved from a small cottage industry into a significant contributor to the Northern Territory and Australian economies. In pursuit of excellence we have become a well-regarded exporter of high calibre skins, acknowledged internationally for the consistency of supply and quality of product.

Our commitment as an industry is to continually improve our farming practices to ensure that we remain a globally recognised, responsible industry player operating world best practice in crocodile farming techniques. Achieving this requires significant ongoing investment in farming infrastructure to increase both quality and capacity, enabled by access readily available, pre-qualified local contractors and suppliers. The benefits of which will not only reach individual farms, but also the industry and the Territory as a whole.

Michael Burns Managing Director, Porosus



"

The economic significance of the Northern Territory seafood industry extends well beyond the unique coastal communities for which it is vital. Professional fishing operations, such as seafood wholesalers, processors, and retailers, all contribute millions of dollars annually to the NT's economy. Our seafood industry has more than 200 commercial fishing licenses and 190 registered fishing vessels operating in 15 different wild harvest and aquaculture fisheries.

Over the past decade, the NT aquaculture sector has been the most significant contributor of the NT seafood industry, with further growth and development underway. There is an opportunity to improve practices and further the reputation of the Northern Territory seafood industry in a way that encourages community support and financial viability. Together, we must develop a path forward that is both sustainable and appropriate.

Katherine Winchester Chief Executive Officer, Northern Territory Seafood Council

# **CAPABILITY OVERVIEW AND INDEX**

# **Construction and Civil** Water Services

Scope of Work	NT Capability	Page
Asphalt and bitumen	High	6
Bulk earth works	High	6
Carpentry services	High	6
Civil construction	High	6
Commercial construction	High	7
Concrete works	High	7
Fencing contractors	High	7
Grading contractors	High	7
Precast concrete	Moderate	8
Shade sail construction	Modest	8

# **Fabrication**

Scope of Work	NT Capability	Page
HDPE pipe - large diameter	Moderate	8
Pipe fabrication	High	8
Structural fabrication	High	9
Tank fabrication	Modest	9
Welding contractors	High	9

# **Facility Services**

Scope of Work	NT Capability	Page
Abrasive blasting and coatings	High	9
Accommodation village operations	Moderate	10
Cold rooms	High	10
Commercial cleaning	High	10
Commercial fitout	High	10
Commercial refrigeration	High	11
Landscaping	High	11
Painting contractors	High	11
Pest control	High	11
Signage	Moderate	12
Storage racking	Modest	12
Temporary buildings	Moderate	12
Waste disposal (dry)	Moderate	12
Waste disposal (liquid)	High	12

Scope of Work	NT Capability	Page
Bore services	Moderate	13
Irrigation	High	13
Pond linings	Modest	13
Pumping systems	High	13
Valve maintenance	High	14
Water heating	High	14
Water testing and treatment	High	14

# **Mechanical Services**

Scope of Work	NT Capability	Page
Heavy mechanical services	High	15
Hydraulic machinery	High	15
Light mechanical services	High	15
Processing plant equipment	High	15

# Electrical and Communication

Scope of Work	NT Capability	Page
Automation services	High	16
Commercial electrical services	High	16
Data and communication systems	High	16
Electrical infrastructure	High	16
Fire systems	High	17
Generator systems	High	17
Security systems	High	17
Solar services	High	17

# Transport Hire and Logistics

Scope of Work	NT Capability	Page
Bus services	Moderate	18
Crane hire	High	18
Equipment hire	High	18
Fixed-wing air charter services	Moderate	18
Freight haulage	High	19
Helicopter services	High	19
Vehicle hire	Moderate	19

# **Professional Services**

Scope of Work	NT Capability	Page
Engineering firms	High	20
Environmental analysis	High	20
IT support	Moderate	20
Laboratory testing	High	20
Labour hire and recruitment	High	21
Medical emergency	Moderate	21
Surveyors	High	21

# **Suppliers**

Scope of Work	NT Capability	Page
Animal feed	Modest	22
Boat sales	Moderate	22
Bulk fuel	High	22
Chemicals	High	22
Diving equipment	Modest	23
Electrical	High	23
Furniture	High	23
Gases	Modest	23
Hardware materials	High	24
Heavy equipment sales	Moderate	24
Medical	Moderate	24
Nautical supplies	Modest	24
Personal Protective Equiment (PPE)	High	25
Quarry products	High	25
Steel	High	25
Timber	Modest	25
Vehicle sales	Moderate	25

# **HOW TO READ THIS DOCUMENT**



CAPABLE BUSINESSES NUMBER OF CAPABLE BUSINESSES IN THE SCOPE

Capability: High 11+ | Moderate 6-10 | Modest 1-5 businesses



BUSINESS SCALE

5

Majority Large

Several Large

OVERVIEW OF THE TURNOVER OF CAPABLE BUSINESSES IN THE SCOPE

Turnover: Small <1m - 10m | Medium 10m - 20m | Large >20m



BUSINESS SIZE

OVERVIEW OF THE EMPLOYEE NUMBERS OF CAPABLE BUSINESSES IN THE SCOPE

Employees: Small 1 - 19 | Medium 20 - 199 | Large 200+



ABORIGINAL OWNED NUMBER OF MAJORITY OWNED ABORIGINAL CAPABLE BUSINESSES IN THE SCOPE

1



REGIONAL DIVERSITY

LOCATION OF CAPABLE BUSINESSES IN THE SCOPE

Darwin

Compliance: THE RANGE OF INDUSTRY ACCREDITATIONS HELD BY CAPABLE BUSINESSES IN THE SCOPE

Previous clients: OVERVIEW OF THE PREVIOUS CLIENTS OF CAPABLE BUSINESSES IN THE SCOPE

# Construction and Civil

# **ASPHALT AND BITUMEN**

Laying, maintenance and repair of sealed roads and pavements.











14

Many Large

Majority Medium

2

Darwin, Katherine, Kimberley

Compliance:

Building Code 2013, Federal Safety Accreditation, ISO 9001:2008, ISO 4801:2001

Previous clients: Construction industry, oil and gas industry, government agencies

# **BULK EARTH WORKS**

Excavation of areas to construct embankments, levees, ponds and other retaining or earth structures.





SCALE

BUSINESS



REGIONAL DIVERSITY

58

Majority Small

Majority Medium

12 Darwin, Katherine, Arnhem, Kimberley

Compliance:

Building Code 2013, Federal Safety Accreditation, ISO 9001:2008, ISO 14001:2004

Previous clients: Construction industry, oil and gas industry, defence contractors

# CARPENTRY SERVICES

Installation and maintenance of wooden surfaces, structures, frames, fittings and components.





**BUSINESS** SCALE





**REGIONAL DIVERSITY** 

22

Majority Small

Majority Medium

Darwin, Katherine, Arnhem, Kimberley

Compliance:

Building Code 2013, Building Practitioner Accreditation, ISO 9001:2008

Previous clients: Construction industry, defence contractors, government agencies

# CIVIL CONSTRUCTION

Design, construction and maintenance of civil infrastructure including dams, bridges, tunnels and subdivisions.











18

Compliance:

Majority Large

Majority Large

Building Code 2013, Building Practitioner Accreditation, ISO 9001:2008 Previous clients: Construction industry, defence contractors, PowerWater

# COMMERCIAL CONSTRUCTION

Construction and maintenance of commercial buildings, warehousing and industrial facilities.





**BUSINESS** SCALE

Majority Large





2



25

Compliance:

Many Medium

Building Code 2013, Building Practitioner Accreditation, ISO 9001:2008

Previous clients: Construction industry, defence contractors, government agencies

# **CONCRETE WORKS**

Construction and maintenance of concrete footings, foundations, retaining walls and pavements.











30

Many Small

Many Medium

Darwin, Katherine, Arnhem, Kimberley

**Compliance:** 

Building Code 2013, AS/NZS 4801:2001, Building Practitioner Accreditation

Previous clients: Local government, construction industry, government agencies

# FENCING CONTRACTORS

Construction and maintenance of fence structures including posts, railings, chain mesh, perimeter and security fencing systems.











15

Majority Small

Several Medium

Arnhem, Kimberley

Building Code 2013, AS/NZS 4801:2001, Building Practitioner Accreditation **Compliance:** 

Previous clients: Local government, construction industry, government agencies

### GRADING CONTRACTORS

Grading of surfaces for construction and maintenance of roads, drains and foundations.











44

Compliance:

Many Medium

Federal Safety Accreditation, Building Code 2013, AS/NZS 4801:2001

Previous clients: Local government, PowerWater, government agencies

# PRECAST CONCRETE

Precast concrete products including culverts, beams, sumps, arches, headwalls and counterweights.











10

Compliance:

Majority Small

Many Medium

Federal Safety Accreditation, Building Code 2013, BS OHSAS 18001:2007

Previous clients: Construction industry, defence contractors, PowerWater

# SHADE SAIL CONSTRUCTION

Design, construction and repair of shade sails and associated supporting structures.











Compliance:

Majority Small

Building Code 2013, AS/NZS 4801:2001, ISO 9001:2008

Previous clients: Local government, construction industry, government agencies

# **Fabrication**

# HDPE PIPE - LARGE DIAMETER

Fabrication/provision of high density polyethylene piping.





BUSINESS







6

Majority Small

Majority Medium

BS OHSAS 18001:2007, AS/NZS ISO 9001:2008, ISO 14001:2004

Compliance: Previous clients: Offshore oil and gas industry, private industry, mining industry

### PIPE FABRICATION

Fabrication and repair of piping systems and components including MSCL fittings.



BUSINESS **SCALE** 





1



20

Mix of Small, Medium and Large Majority Medium

Darwin, Katherine, Kimberley

BS OHSAS 18001:2007, ISO 14001:2004, ISO 9001:2008, Building Code 2013 Compliance:

Previous clients: Oil and gas industry, mining industry, private industry

# STRUCTURAL FABRICATION

Fabrication, assembly and modication of beams, columns, frames and sub-assemblies required for residential and industrial buildings.



Compliance:









Kimberley

Majority Small 22

Building code 2013, BS OHSAS 18001:2007, ISO 9001:2008, ISO 3834.2:2008 Previous clients: Government agencies, private industry, oil and gas industry, mining industry

# **TANK FABRICATION**

Fabrication of tanks varying in size and base including stainless steel, HDPE and fibreglass.











20

Majority Small

Most Medium

0

Darwin, Katherine, Kimberlev

Compliance:

ISO 14001:2004, ISO 9001:2008, BS OHSAS 18001:2007, Building Code 2013

Previous clients: Offshore oil and gas industry, government agencies mining industry,

**PowerWater** 

### WELDING CONTRACTORS

General welding repairs to metal surfaces and structures, including tanks, pipes and components.











31

Majority Small

Majority Medium

Darwin, Katherine, Kimberlev

Building Code 2013, BS OHSAS 18001:2007, AS/NZS ISO 9001:2015 Compliance:

Previous clients: Oil and gas industry, private industry, mining industry, government agencies

# **Facility Services**

# ABRASIVE BLASTING AND COATINGS

Preparation of surfaces through abrasive blasting methods prior to the application of coatings.











ISO 9001:2008, ISO 14001:2004, AS/NZS 4801:2001 Compliance:

Previous clients: Defence contractors, oil and gas industry, government agencies

# **ACCOMODATION VILLAGE OPERATIONS**

Operational management of the accommodation village including coordination of services such as catering, housekeeping, grounds maintenance, security, accounts and bus transport.











8

All Large

Majority Large

0

Darwin, Kimberley

Compliance:

ISO 14001:2004, BS OHSAS 18001:2007, AS/NZS 4801:2001, ISO 9001:2008

Previous clients: Oil and gas industry, major project contractors, mining industry

# **COLD ROOMS**

Installation, repair and maintenance of commercial cold rooms systems.











23

Majority Small

Majority Medium

2

Darwin, Katherine, Kimberley

Compliance:

ISO 9001:2008, Building Code 2013

Previous clients: Private industry, government agencies, defence contractors

# **COMMERCIAL CLEANING**

Regular cleaning services to commercial and residential spaces.











Arnhem

13

Compliance:

Majority Small

Majority Small

ISO 14001:2004, AS/NZS 4801:2001, ISO 9001:2008

Previous clients: Private industry, government agencies, defence contractors

# **COMMERCIAL FITOUT**

Fitout of office workspaces through the installation of workstations, desks, tables, dividers and other office furniture.











12

Majority Small

Several Medium

Compliance: Building Code 2013, ISO 9001:2008, Building Practitioner Accreditation

Previous clients: Defence contractors, universities, private industry, government agencies

# COMMERCIAL REFRIGERATION

Installation, maintenance of commercial refrigeration units, including air conditioning and slurry ice machines.











Darwin, Katherine, Kimberley

Compliance: Building Code 2013, ISO 9001:2008, Verification of Competency (VOC)

Previous clients: Oil and gas industry, major project contractors, infrastructure projects

# **LANDSCAPING**

Design, construction and ongoing maintenance of gardens and associated flora and fauna.









3



Several Large

Majority Medium

Darwin, Katherine, Arnhem, Kimberley

Compliance: ISO 9001:2008, Building Code 2013, AS/NZS ISO 9001:2008, Federal Safety

Accreditation

Previous clients: Defence contractors, PowerWater, private industry, government agencies

# PAINTING CONTRACTORS

Application of domestic and industrial grade coatings to residential and non-residential buildings.











Arnhem, Kimberley

Compliance: Building Code 2013, ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:2007

Previous clients: Oil and gas industry, private industry, government agencies

### **PEST CONTROL**

Design of pest deterrence systems and ongoing extermination programs.







Most Small





Compliance: Building Code 2013, ISO 9001:2008, AS/NZS 14001:2004
Previous clients: Private industry, government agencies, defence contractors

# **SIGNAGE**

Design and installation of regulatory, safety and custom signage.











10

All Small

All Small

0

Kimberley

Compliance:

Building Code 2013, ISO 9001:2008

Previous clients: Local government, private industry, government contractors

# STORAGE RACKING

Design and installation of shelving and racking systems for various commercial storage purposes.





**BUSINESS** SCALE

BUSINESS



REGIONAL DIVERSITY

5

Majority Small

Majority Small

1

Darwin, Katherine

Compliance:

ISO 9001:2008, AS/NZS 4801:2001, Building Code 2013, OHSAS 18001:2007

Previous clients: Private industry, government agencies, defence contractors

# **TEMPORARY BUILDINGS**

Installation of temporary facilities including offices, crib rooms, accommodation, toilet blocks.





**BUSINESS** SCALE





REGIONAL DIVERSIT

All Large

All Medium

0

Darwin, Kimberley

Compliance:

AS/NZS ISO 14001:2004, AS/NZS 4801:2001, Building Code 2013,

ISO 9001:2008

Previous clients: Defence contractors, private contractors, oil and gas contractors, mining

# WASTE DISPOSAL (DRY)

Handling, treatment and disposal of dry waste generated by project activities.





BUSINESS **SCALE** 



ABORIGINAL OWNED



10

Majority Large

Most Large

1

Darwin, Katherine, Kimberley

ISO 9001:2008, ISO 14001:2004, AS/NZS 4801:2001

Previous clients: Defence contractors, private industry, oil and gas industry, mining industry

# WASTE DISPOSAL (LIQUID)

Handling, treatment and disposal of liquid waste generated by project activities.





BUSINESS **SCALE** 

BUSINESS





12

Majority Large

Most Large

1 Darwin, Katherine, Kimberley

ISO 9001:2008, ISO 14001:2004, AS/NZS 4801:2001, Building Code 2013 Compliance: Previous clients: Defence contractors, private industry, oil and gas industry, mining industry

BUSINESS SCALE = TURNOVER: Small <1m - 10m | Medium 10m - 20m | Large > 20m 12 BUSINESS SIZE = EMPLOYEES: Small 1-19 | Medium 20 - 199 | Large 200+ CAPABILITY = NUMBER OF CAPABLE BUSINESSES: High 11+ | Moderate 6-10 | Modest 1-5 COMPLIANCE: Represents the range of industry accreditations held by capable businesses

# **Water Services**

# **BORE SERVICES**

Construction and drilling of water bores required for ground water access and sampling.







**BUSINESS** 









Darwin, Katherine, Kimberley

AS/NZS 4801:2001, ISO 14001:2004, ISO 9001:2008, BS OHSAS 18001:2007 Compliance: Previous clients: Local government, private industry, PowerWater, infrastructure projects

### **IRRIGATION**

12

Design, installation and maintenance of controlled water distribution systems to meet landscaping and agricultural requirements.



CAPABLE **BUSINESSES** 



**BUSINESS SCALE** 

Most Small



BUSINESS



**REGIONAL** DIVERSITY

Darwin, Katherine, Kimberley

Compliance: Building Code 2013, ISO 9001:2008, ISO 14001:2004

Previous clients: Government agencies, private industry, PowerWater, infrastructure projects

Several Medium

# **POND LININGS**

Installation of commercial plastic pond linings (EPDM, PVC).



CAPABLE **BUSINESSES** 

3



**BUSINESS SCALE** 



BUSINESS SIZE

Majority Small



REGIONAL **DIVERSITY** 

Darwin

Building Code 2013, ISO 9001:2008

All Small

Previous clients: Onshore oil and gas industry, private industry, infrastructure projects

# **PUMPING SYSTEMS**

Installation, repair and maintenance of pumping systems including filters, aerators and other associated components.



CAPABLE **BUSINESSES** 

19

**BUSINESS SCALE** Majority Small



Majority Medium



1



Darwin, Katherine, Arnhem, Kimberley

Compliance: Building Code 2013, ASTM ISO14001-04, ISO 9001:2008, AS/NZS 4801:2001 Previous clients: Defence contractors, private industry, oil and gas industry, mining industry

# **VALVE MAINTENANCE**

Provision, repair and maintenance of valves for the regulation of fluids.











15

Several Large

Majority Medium

Kimberley

Compliance: AS/NZS 4801:2001, ISO 9001:2008, Building Code 2013, BS OHSAS 18001:2007 Previous clients: Defence contractors, private industry, oil and gas industry, mining industry

# WATER HEATING

Design, installation and maintenance of water heating systems including solar, heat pumps and water immersion heaters.











11

All Small

Most Small

Darwin, Katherine, Arnhem, Kimberley

AS/NZS 4801:2001, ISO 9001:2008, Building Code 2013, BS OHSAS 18001:2007 Compliance: Previous clients: Government agencies, private industry, PowerWater, infrastructure projects

# WATER TESTING AND TREATMENT

Testing and analysis of water quality, including the implementation of water treatment programs.











17

14

Mix of Medium and Large

Majority Medium

Compliance: AS/NZS 4801:2001, ISO 9001:2008, Building Code 2013, BS OHSAS 18001:2007 Previous clients: Government agencies, private industry, PowerWater, infrastructure projects

# **Mechanical Services**

# **HEAVY MECHANICAL SERVICES**

Repair and maintenance of heavy engines, plant equipment, mechanical systems and associated components.



**BUSINESS SCALE** 

**Majority Small** 





1



Darwin, Katherine, Kimberley

BS OHSAS 18001:2007, ISO 9001:2008, National Heavy Vehicle Accreditation Compliance:

Scheme

Previous clients: Defence contractors, private industry, oil and gas industry, mining industry

# HYDRAULIC MACHINERY

Maintenance and repair of hydraulic drive or transmission powered systems and equipment.



14

**BUSINESS SCALE** 

**BUSINESS** SIZE

ABORIGINAL **OWNED** 

**REGIONAL** DIVERSITY

Majority Small Several Medium 0 Darwin, Katherine, Kimberley

Compliance: ISO 9001:2008, AS/NZS 4801:2001, Building Code 2013, National Association of

**Testing Authorities** 

Previous clients: Defence contractors, private industry, oil and gas industry, mining industry

# LIGHT MECHNICAL SERVICES

Repair and maintenance of light diesel, petrol and electric engines systems and associated components.



CAPABLE **BUSINESSES** 



Majority Small

BUSINESS

Majority Small

**ABORIGINAL** OWNED

3

REGIONAL **DIVERSITY** 

Darwin, Katherine, Kimberley

Compliance: Previous clients:

13

AS/NZS 4801:2001, ISO 9001:2008, Building Code 2013, BS OHSAS 18001:2007 Government contractors, private industry, defence contractors, infrastructure projects

# PROCESSING PLANT EQUIPMENT

Installation and maintenance of plant equipment, processing machinery, conveyors and associated components.



BUSINESSES

CAPABLE

BUSINESS SCALE

Majority Small

BUSINESS SIZE

**Majority Small** 



REGIONAL DIVERSITY

Darwin, Katherine, Arnhem, Kimberley

Compliance:

18

AS/NZS 4801:2001, ISO 9001:2008, Building Code 2013, BS OHSAS 18001:2007 Previous clients: PowerWater, infrastructure projects, defence contractors, government

agencies

# **Electrical and Communication**

# **AUTOMATION SERVICES**

Design, installation and maintenance of Programmable Logic Controllers (PLCs), automating instrumentation and associated systems.



BUSINESS SCALE



BUSINESS SIZE AB



1



22

Most Large

Mix of Medium and Large

Darwin

Compliance: Building Code 2013, AS/NZS ISO 9001:2008, AS/NZS 4801:2001

Previous clients: Mining industry, defence contractors, private industry, oil and gas industry

# COMMERCIAL ELECTRICAL SERVICES

Design, installation and repair of commercial electrical infrastructure including cabling, switchboards and panels.





BUSINESS SCALE

BUSINESS SIZE ABORIGINAL OWNED

5



31

Majority Small

Most Medium

Darwin, Katherine, Kimberley

Compliance: ISO 9001:2008, Building Code 2013, AS/NZS 4801:2001, AS/NZS 3000:2007

Previous clients: Local government, major project contractors, oil and gas industry

### DATA AND COMMUNICATION SYSTEMS

Design, installation and repair of communication infrastructure including cabling, outlets, panels, phone, internet, devices and associated systems.



CAPABLE BUSINESSES



BUSINESS SCALE



BUSINESS SIZE



REGIONAL DIVERSITY

20

Majority Small

Many Medium

Darwin, Katherine, Arnhem, Kimberley

Compliance: ISO 900

ISO 9001:2008, Building Code 2013, AS/NZS 4801:2001

Previous clients: Government agencies, oil and gas industry, private industry, defence

contractors

# **ELECTRICAL INFRASTRUCTURE**

Design, installation and repair of high voltage infrastructure including distribution lines, transformers, substations and underground cabling.





BUSINESS SCALE BUSINESS

ABORIGINAL OWNED

0

REGIONAL DIVERSITY

18

Many Medium

Majority Medium

Darwin, Katherine, Arnhem

Compliance: BS OHSAS 18001:2007, AS/NZS 4801:2001, ISO 9001:2008, ISO 14001:2004

Previous clients: Government agencies, oil and gas industry, private industry, defence

contractors

# **FIRE SYSTEMS**

Design, installation, testing and maintenance of fire systems such as smoke alarms, water spray systems, fire hoses, panels, extinguishers and exit lighting.



17



**BUSINESS SCALE** 







Darwin, Katherine, Kimberley

Compliance: Previous clients:

ISO 14001:2004, BS OHSAS 18001:2007, AS/NZS 4801:2001, ISO 9001:2008 Government agencies, private industry, defence contractors, infrastructure

BUSINESS

projects

# **GENERATOR SYSTEMS**

Design, installation and maintenance of power generators.









Previous clients: Oil and gas industry, defence contractors, offshore industry





16

Several Large

Many Medium

Darwin, Katherine, Arnhem, Kimberley

Compliance: Building Code 2013, ISO 14001-2004, ISO 9001:2008, AS/NZS 4801:2001

# SECURITY SYSTEMS

Design, installation and maintenance of electronic security systems including CCTV, access panels and identification systems.











2



20

Majority Small

Many Medium

Darwin, Katherine, Kimberley

Compliance:

Building Code 2013, ISO14001-04, ISO 9001:2008, AS/NZS 4801:2001

Previous clients:

Oil and gas industry, mining industry, government agenciess, private industry

major project contractors

# **SOLAR SERVICES**

Design, installation and maintenance of solar power systems and associated control equipment.













Compliance:

Building Code 2013, ISO 14001-2004, ISO 9001:2008, AS/NZS 4801:2001 Previous clients: Defence contactors, oil and gas industry, mining industry, government agencies

# **Transport Hire and Logistics**

# **BUS SERVICES**

Bus charter services for the transport of site workers.

Several large



8

**BUSINESSES** 



**BUSINESS SCALE** 



BUSINESS SIZE



REGIONAL DIVERSITY

0

Kimberley

Darwin, Katherine,

Compliance: BS OHSAS 18001:2007, ISO 4801:2001, Bus Operator Accreditation, Driver trainer

Majority Medium

accreditation, ISO 9001:2008

Previous clients: Government agenices, oil and gas industry, private industry, defence

contractors

# **CRANE HIRE**

Wet and dry hire mobile crane services.





**BUSINESS SCALE** 



BUSINESS



REGIONAL DIVERSITY

Mix of Small, Medium and Large Mix of Medium and Large

Darwin, Katherine. Kimberley

Compliance: Federal Safety Accreditation, ISO 9001:2008, Building Code 2013, AS/NZS

4801:2001

Previous clients: Defence contractors, mining industry, major project contractors, government

agencies

# **EQUIPMENT HIRE**

Supply of various site equipment rentals such as lighting towers, air compressors, generators, toilets, pumps, industrial fans, air coolers, excavators, small plant and bobcats.



CAPABLE BUSINESSES

22



BUSINESS **SCALE** 

Majority Large



BUSINESS SIZE



REGIONAL DIVERSITY

2 Darwin, Kimberley Mix of Medium and Large

Compliance: ISO 9001:2008, ISO 14001:2004, Building Code 2013, AS/NZS 4801:2001

Previous clients: Defence contractors, mining industry, major project contractors, government

agencies

# FIXED-WING AIR CHARTER SERVICES

Fixed wing air charter services for movement of freight and passengers.





BUSINESS **SCALE** 

BUSINESS SIZE





Most Small

Majority Medium

Darwin, Katherine. Kimberlev

Passenger Transport Service Accreditation ISO 14001:2015, ISO 9001:2015, Compliance:

AS/NZS 4801:2001

Previous clients: Oil and gas industry, local government, defence contractors

# FREIGHT HAULAGE

Road haulage services for the transport of freight to and from site, including refrigerated and containerised goods.





Majority Large

**BUSINESS** SCALE







Heavy Vehicle Accreditation, ISO 9001:2008, AS/NZS 4801:2001,

ISO 14001:2004, BS OHSAS 18001:2007, Federal Safety Accreditation

Compliance:

Previous clients: Defence contractors, mining industry, major project contractors, government

agencies, oil and gas industry

# **HELICOPTER SERVICES**

Helicopter charter services for the movement of passengers, specialists services and freight.



CAPABLE BUSINESSES BUSINESS SCALE

BUSINESS SI7F

ABORIGINAL OWNED

**REGIONAL** DIVERSITY

12

Majority Small

Majority Medium

1

Darwin, Katherine, Kimberley

Compliance: Previous clients:

ISO 9001:2015, AS/NZS 4801:2001, ISO 14001:2015, BS OHSAS 18001:2007 Defence contractors, mining industry, major project contractors, government

agencies, oil and gas industry

# **VEHICLE HIRE**

Provision of site vehicles for use in the Northern Territory along sealed and unsealed roads.





BUSINESS **SCALE** 







7

Majority SLarge

Mix of Medium and Large

1

Darwin

Compliance:

Heavy Vehicle Accreditation, AS/NZS ISO 9001:2008, ISO 14001:2004, Previous clients: Government agencies, oil and gas industry, private industry, defence

contractors

# **Professional Services**

# **ENGINEERING FIRMS**

Civil, environmental, electrical, mechanical or hydro resources engineering design, inspection and reporting.

Mix Medium

and Large





BUSINESS SCALE

Mix of Small.

Medium and Large



BUSINESS SIZE



1



Darwin, Katherine, Kimberley

Compliance: ISO 9001:2008, ISO 14001:2004, Building Code 2013, AS/NZS 4801:2001 Previous clients: Oil and gas industry, infrastructure projects, government agencies

# **ENVIRONMENTAL ANALYSIS**

Independent environmental data collection and reporting services in line with regulatory compliance and agreed practices.



25



BUSINESS SCALE

BUSINESS SIZE



REGIONAL DIVERSITY

Mix of Small, Medium and Large Mix Medium and Large

0

Darwin, Katherine

Compliance: ISO 9001:2008, ISO 14001:2004, AS/NZS 4801:2001

Previous clients: Mining industry, oil and gas industry, major project contractors, private industry

### **IT SUPPORT**

Provision, maintenance and support of IT infrastructure, hardware and software for all nominated buildings including telephone systems, LAN, VSAT, wireless systems, desktops, laptops and tablets.



CAPABLE BUSINESSES



BUSINESS SCALE



BUSINESS SIZE



REGIONAL

9

Mix of Small, Medium and Large Majority Medium

0

Darwin

Compliance: AS/NZS 4801:2001, ISO 9001:2008, ISO 14001:2004, Building Code 2013,

BS OHSAS 18001:2007

Previous clients: Government agencies, defence contractors, mining industry, oil and gas

industry

### LABORATORY TESTING

Laboratory testing and diagnostic services for detection of disease, water quality, biosecurity and livestock.



CAPABLE BUSINESSES **(?)** 

BUSINESS SCALE

BUSINESS SIZE ABORIGINAL OWNED

0

REGIONAL DIVERSITY

11

Majority Large

Majority Large

Darwin, Katherine, Kimberley

Compliance: AS/NZS 4801:2001, Building Code 2013, ISO 9001:2008, ISO 14001:2004
Previous clients: Defence contractors, mining industry, oil and gas industry, private industry

# LABOUR HIRE AND RECRUITMENT

Long and short term personnel recruitment and labour hire and personnel identification services.



34



BUSINESS **SCALE** 

Mix of Small.

Medium and Large



BUSINESS SIZE

Mix of Small, Medium and Large



9



Darwin, Katherine, Kimberley

Compliance:

ISO 9001:2008, Building Code 2013, AS/NZS 4801:2001

Previous clients: Government agencies, defence contractors, mining industry, oil and gas

industry, private industry, major project contractors

# MEDICAL EMERGENCY

Site medical emergency services, including assistance, treatment and transport of patients.



CAPABLE **BUSINESSES** 



**BUSINESS** SCALE



BUSINESS SIZE



REGIONAL **DIVERSITY** 

11

Mix of Small, Medium and Large

Mix of Medium and Large

0

Darwin, Kimberley

Compliance:

AS/NZS ISO 9001:2008, ISO 14001:2004, Building Code 2013

Previous clients: Government agencies, defence contractors, mining industry, oil and gas

industry, private industry, major project contractors

# **SURVEYORS**

Professional land surveying services to examine a location and conditions for infrastructure construction, design and engineering.



CAPABLE BUSINESSES



**BUSINESS SCALE** 



**BUSINESS** SIZE



**REGIONAL DIVERSITY** 

15

Majority Large

Mix of Medium and Large

Darwin, Arnhem, Kimberley

Compliance:

BS OHSAS 18001:2007, ISO 9001:2008, ISO 14001:2004

Previous clients: Government agencies, defence contractors, mining industry, oil and gas

industry, private industry, major project contractors

# **Suppliers**

# **ANIMAL FEED**

Suppliers of bulk stock feed including meats, pellets, formula.



BUSINESS SCALE

All Small







Compliance: Internal policies

Previous clients: Remote stations and farms

# **BOAT SALES**

Suppliers of recreational and commercial vessels.







Majority Small

**BUSINESS** SIZE



0



10

Internal policies, Building Code 2013 Previous clients: Government agencies, private industry

# **BULK FUEL**

Compliance:

Supply of bulk fuels and diesel.



Compliance:



**BUSINESS SCALE** 







Kimberley

12

Majority Large

Majority Large

ISO 14001:2004, AS/NZS 4801:2001, ISO 9001:2008, Building Code 2013

Previous clients: Mining industry, infrastructure projects, shipping agencies

# **CHEMICALS**

Supply of industrial chemicals.





**BUSINESS** 







13

Compliance: Previous clients: Mix of Small and Large

Mix of Small and Large

Mining industry, infrastructure projects, oil and gas industry,

ISO 9001:2008, ISO 14001:2004, AS/NZS 4801:2001

major project contractors

# **DIVING EQUIPMENT**

Supply and servicing of diving equipment including air systems, dive gear, hyperbaric equipment and associated scuba electronics.



4



Mix of Small, Medium and Large



Mix of Medium and Large



0



Darwin

Building Code 2013, BS OHSAS 18001:2007, AS/NZS 4801:2001, ISO 9001:2008, Compliance:

ISO 14001:2004

Previous clients: Oil and gas industry, private industry, shipping agencies

# **ELECTRICAL**

Suppliers of electrical equipment including lighting, cabling, switches, panels, tooling, fire gear and networking equipment.













Darwin, Katherine, Kimberley

Compliance: ISO 9001:2008, ISO 14001:2004, Building Code 2013

Previous clients: Government agencies, defence contractors, mining industry, oil and gas

industry, private industry, major project contractors

# **FURNITURE**

Suppliers of residential and commercial furniture.



14



BUSINESS **SCALE Maiority Small** 



BUSINESS SIZE



ABORIGINAL

OWNED



Darwin, Katherine, Kimberley

Compliance: ISO 9001:2008. ISO 14001:2004

Previous clients: Government agencies, defence contractors, mining industry, oil and gas

industry, private industry, major project contractors

# **GASES**

Suppliers of commercial gasses including oxygen, helium, liquid petroleum gas.



**BUSINESS SCALE** Majority Large



Majority Large

**BUSINESS** SIZE





Darwin, Kimberley

Compliance: ISO 9001:2008

Previous clients: PowerWater, defence contractors, mining industry, oil and gas industry,

private industry, major project contractors

# HARDWARE MATERIALS

Suppliers of hardware materials including fixtures, fasteners, hinges, screws and rivets.



BUSINESS SCALE

Mix of Small, Medium and Large



Mix of Small, Medium and Large



0



Darwin, Katherine, Arnhem, Kimberley

Compliance:

Building Code 2013, AS/NZS 4801:2001, ISO 9001:2008

Previous clients: Government agencies, defence contractors, mining industry, oil and gas

industry, private industry, major project contrcators

# **HEAVY EQUIPMENT SALES**

Suppliers of heavy equipment and machinery including bulldozers, graders, forklifts, tractors and trucks.











9

Majority Large

Majority Large

0

Darwin, Katherine, Arnhem

Compliance: ISO 14001:2004, Building Code 2013, AS/NZS 4801:2001, ISO 9001:2008

Previous clients: Oil and gas industry, mining industry, transport and logisitics industry

# **MEDICAL**

Suppliers of medical consumables including first aid supplies, stretchers and medical equipment required on site.



Compliance:



BUSINESS SCALE





0



6

Mix of Small, Medium and Large Majority Medium

ASTM ISO9001-00, ISO 9001:2008

Previous clients: Government agencies, private industry, defence contractors

# NAUTICAL SUPPLIES

Supply of marine equipment including marine safety equipment, netting, flares and immersion suits.





Majority Small



Large





5

Compliance:

24

AS/NZS ISO 9001:2008

Previous clients: Oil and gas industry, private industry, shipping agencies, NT Fisheries

# PERSONAL PROTECTIVE EQUIPMENT (PPE)

Supply personal protection equipment including eye protection, gloves, hard hats, clothing, vests.



14



BUSINESS **SCALE** 

Mix of Small and Large



**BUSINESS** 

Mix of Small and Large



1



Darwin, Katherine, Kimberley

ISO 9001:2008, BS OHSAS 18001:2007, AS/NZS 4801:2001 Compliance:

Previous clients: Government agencies, mining industry, oil and gas industry, private industry

# **QUARRY PRODUCTS**

Supply of cement, rock, sand, aggregate and other fill materials.



15









Majority Medium







Darwin, Katherine, Kimberley

Building Code 2013, ISO 9001:2008 Compliance:

Previous clients: Government agencies, mining industry, major project contractors

### **STEEL**

Suppliers of steel materials including plates, pipes, angles, mesh, bar, sheet and beams.



14





Mix of Small and Large



Mix of Small. Medium and Large



1



Darwin, Kimberley

Compliance: Building Code 2013, ISO 9001:2008

Previous clients: Government agencies, private industry, infrastructure projects

# **TIMBER**

Suppliers of timber materials structural hardwood, timber, ply, trusses, frames and fittings.



CAPABLE BUSINESSES



**BUSINESS** 



BUSINESS

Majority Large



0



Darwin, Arnhem, Kimberley

ISO 9001:2008, AS/NZS 4801:2001

Mix of Medium

and Large

Previous clients: Government contractors, private industry, infrastructure projects

# **VEHICLE SALES**

Sales of light passenger vehicles.



6

CAPABLE **BUSINESSES** 



**BUSINESS SCALE** 

Mix of Small and

Large



Majority Medium



0



Darwin, Kimberley

Compliance: Internal policies

Previous clients: Government agencies, mining industry, oil and gas industry, private industry

# **ABOUT THE STUDY**

To undertake this Industry Capability
Mapping Study highlighting the aquaculture
and crocodile farming service and supply
capabilities that exist in the Northern
Australian regions, ICN first needed
to understand the service and supply
requirements of the industry.

ICN engaged industry experts to ascertain the requirements that industry must meet to be involved in the sector, and to identify any known barriers to entry. The industry experts consisted of licensee committees, industry groups, government departments and businesses already engaged in the aquaculture sector

The extensive information gathered from these experts was reviewed and disseminated by ICN into different classification tiers, scope requirements and the accreditations and/or certification requirements industry must comply with to be involved in the sector. The experts verified this categorised information and provided further advice around the standard minimum requirements to classify capability against the scopes.

Research was then undertaken by ICN identifying businesses with the capability and capacity to perform works against these scopes of work.

The report identifies businesses that hold the current capability to undertake each scope identified. ICN found that most businesses typically had a business size of small to large (5 – 200+ employees) who also had proven experience against each respective scope they are mapped to, and referenced their prior experience working on large scale projects.

The report also identifies the number of businesses capable of providing wholesale or retail supply services to the industry, and the trades which service it.

# KEY REQUIREMENTS FOR INDUSTRY

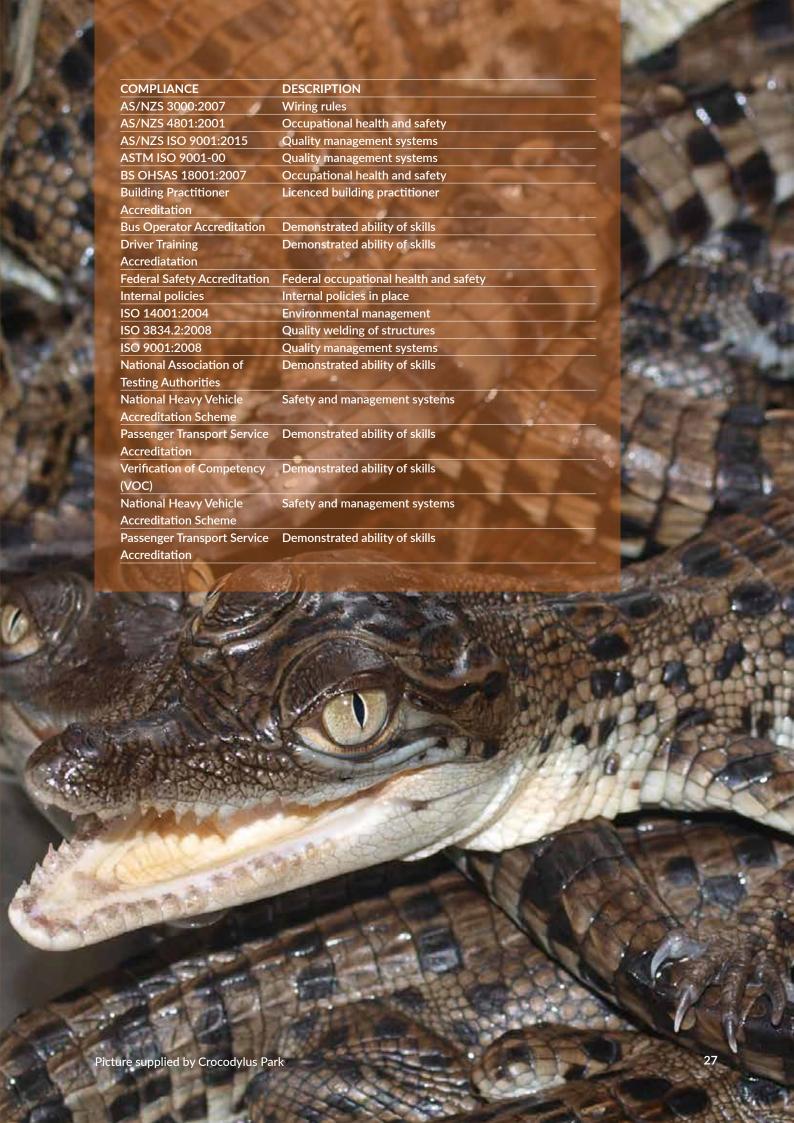
Aquaculture in Australia is managed under strict environmental guidelines. While the Australian Government has a number of important functions in relation to aquaculture, including national programs for research, management of biosecurity, aquatic animal health, food safety, environmental management, and market access and trade, most elements of the regulation of domestic aquaculture production rest with the states and territories.

All Australian states and territories are signatories to the Australian Government policy on aquaculture. All parties commit to working in partnership with the aquaculture industry to achieve maximum sustainable growth, while meeting expectations for environmental, social and economic performance.

In the Northern Territory, the NTG's Fisheries division within the Department of Primary Industry and Resources manages the licencing and approvals for all commercial fishing and aquaculture operations. The division also provides advice on the planning and suitability of sites, animal health advice and testing services, as well as assisting investors in reaching a range of government agencies.

Businesses that intend to service or supply the aquaculture industry must be aware of the requirements of the sector and ensure adherence, otherwise, they will be liable for penalties under the Northern Territory Fisheries Act to which the project is committed.

To ensure licencing regulations and requirements are adhered to, project owners who engage subcontractors of third parties to work on their operation set minimum standards or prequalification's for their subcontractors. These prequalification's act as risk minimizers and can stipulate requirements for environmental standards, quality management systems and other third-party accreditations, certifications or insurances that may reduce the risk of engagement.





# 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 | admin@icnnt.org.au

# Northern Territory Government

The Department of Trade, Business and Innovation stimulates and supports the development of a competitive, responsible and productive business, industry and employment environment, and drives opportunities to grow private investment and create jobs.

The Department of Primary Industry and Resources also supports the aquaculture and crocodile farming industry, primarily though NT Fisheries.

For further information please contact the Department of Trade Business and Innovation or the Department of Primary Industry and Resources.

# Economic and Industry Development

The Economic and Industry Development Team work with industry to prepare for future economic opportunities. The unit is responsible for developing and leading the implementation of policies and initiatives that will accelerate the development of Northern Australia.

Development House 76 The Esplanade, Darwin NT 0800 (08) 8999 6098 | industrydevelopment@nt.gov.au

# **NT** Fisheries

The NT Fisheries division sits within the Department of Primary Industry and Resources. NT Fisheries primary role is to protect, sustainably develop and share the Northern Territory's fish and aquatic resources to benefit both current and future generations.

Goff Letts Building, Berrimah Farm Makagon Road, Berrimah (08) 8999 2144 | fisheries@nt.gov.au



# business.nt.gov.au

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