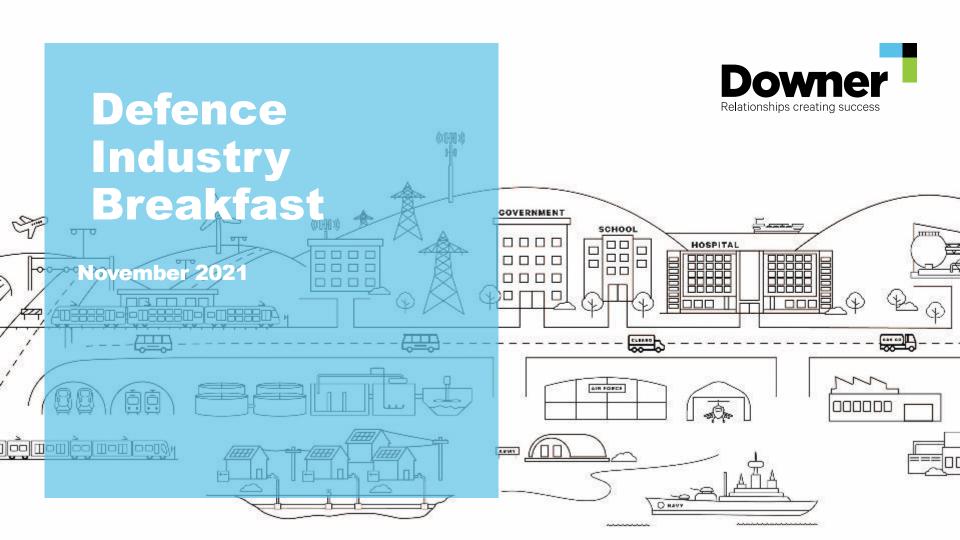
The Department of State Development, Infrastructure, Local Government and Planning

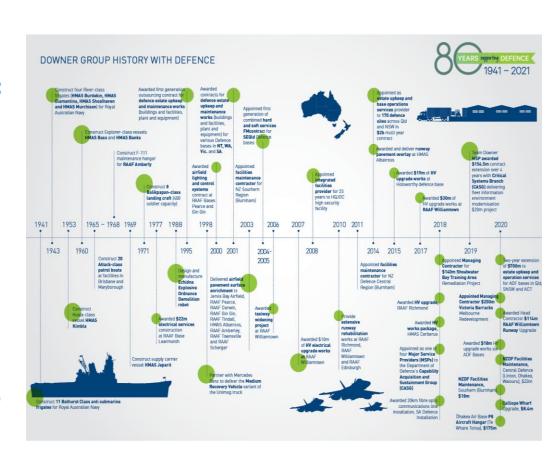




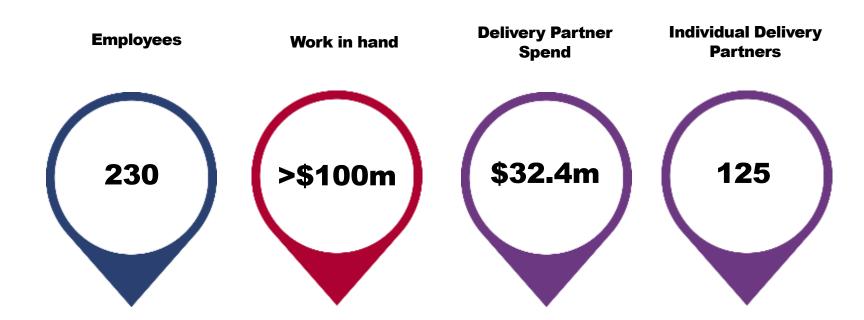
About Downer Defence

At Downer, our customers are at the heart of everything we do

- Downer Defence provides Professional, Project Delivery and Base and Estate management services for Department of Defence
- We are the leading provider of integrated services in Australia and New Zealand, including:
 - Project Delivery & Estate Development
 - Estate Upkeep, Cleaning, Land Management, Range Operations, Transport, Accommodation & Sports & Recreation
- Our history in Defence dates back over 80 years



Downer Defence Townsville & Central Queensland Snapshot FY20/21

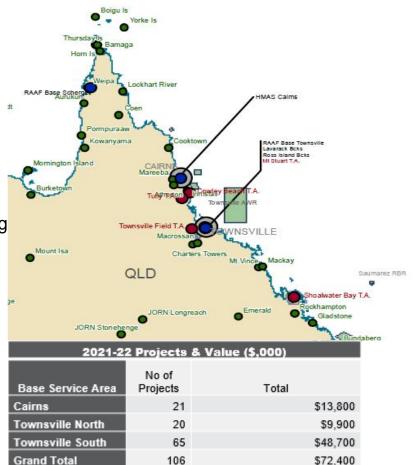




Estate Works Program

North Queensland >\$70m

- New facilities (ablutions, demountable buildings, shelters)
- Internal and external building refurbishment
- Stormwater and infrastructure upgrades
- Generator and electrical system replacements (including substations/kiosks)
- Air-conditioning system upgrades and replacements
- Road and hardstand upgrades
- Fencing upgrades and installations
- Land management activities
- Re-roofing / re-cladding
- Security upgrades



Accelerated Delivery Program

North Queensland >\$20m

- Asbestos Management
- Land Projects
- Drainage
- Roofing
- Physical Security
- End of life equipment replacements
- Sustainability Programs
 - Lighting
 - Range Roads
 - BMS Upgrades
 - HVAC Remediation





Downer Onboarding Process

Phase 1- Supplier & Subcontractor Prequalification

- Prequalification forms & copy of company details
- Included within ARCUS tender

Phase 2 – Agreements & Deeds

- Relevant agreement provided for execution
- Deeds provided as part of EMOS agreement for execution
- Provisions within agreements are passed down from Defence Head Contract

Phase 3 – Agreements & Deeds

Inductions, Licensing/Credentials & Security







Defence Estate Works Program 2021 Industry Brief

Justin Gainey

Senior Program Manager – Queensland National Program Service - Defence





This Brief

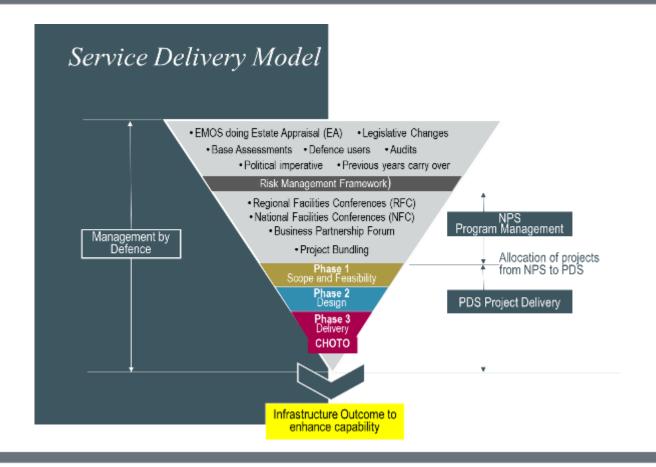
- Estate Works Program Service Delivery Model
- The Defence Structure that supports The Program
- How The Program is Developed and Delivered
- Project Development and Contracting
- Commonwealth Policies and Tendering Requirements
- Defence website for further information and a high level look at some numbers

The Estate Works Program

Works typically delivered by the Estate Works Program:

- Building refurbishments
- Replacement of fixed plant equipment
- Asbestos removal and building demolition
- Compliance and safety works in buildings and infrastructure
- Road grading and resurfacing
- Fuel installation works
- Electrical, Water and Security infrastructure works
- Minor construction

Projects range in value from \$10k to \$30M. The extremes of this value range are rare with the average project value being in the order of \$1.5-\$2M.



The Estate Works Program

- Key Stakeholders Defence
 - Estate & Infrastructure Group, Service Delivery Division

 Over-arching group responsible for the Defence estate.
 - Director, Estate Works Program Office (DEWPO) Mr Brodie Wootten
 NPS & PDS Contract Manager and delegate for the Estate Works Program.

 Delivery & Head Contractors engage through the Project Manager & Contract
 Administrator (PMCA)
 - Director, Estate and Land Management (DELM) Mr Marcus Jeffery
 Contract manager for the Estate Maintenance and Operations Service
 providing Estate Appraisal and routine & reactive maintenance.
 - Non Materiel Procurement Branch (NMPB)
 - Regional Estate Management & Planning (EM&P)
 - Base Managers and Base Support teams.

The Estate Works Program

- Key Stakeholders Contractors
 - National Program Service (Cushman & Wakefield)

Contracted by DEWPO to collate Defence requirements into logical project bundles, release projects to delivery agents (Project Managers), govern approval processes and report progress data.

Project Delivery Service (Augility and Aurecon)

Contracted by DEWPO as the Project Manager & Contract Administrator (PMCA) for projects released by the EWP.

Cushman & Wakefield Project Delivery.

 Estate Maintenance and Operations Service (BGIS, Ventia & Downer Defence (Spotless)

Contracted by DELM, provide routine maintenance to the estate. Delivery Agent for approx 20% of the Estate Works Program.

The Three Phases

Phase 1 Scope and Feasibility

- Initial scoping study
- Initial stakeholder identification and engagement
- Feasibility assessment
- Reporting

Phase 2 Design

- · Design and Engineering
- Schedule Management
- Cost Management
- Risk Management
- Stakeholder engagement
- Procurement/Contract Administration where required
- Prepare documentation for procurement
- Reporting

Phase 3 Delivery

- Facilitate engagement in accordance with procurement decisions, manage tender, establish contracts
- · Project Delivery Management
- Provision of technical advice
- Cost Management
- Stakeholder Management
- Deliverable management (Scope, Variations, Time, Cost, Quality)
- Commissioning, Handover/Takeover (CHOTO), including Estate Data
- DLP management
- Reporting



Working with Defence

Important aspects of working on Defence projects:

- Defence's operational needs are paramount in scheduling works.
- Multiple stakeholders can be involved and require consultation through Project Manager.
- Some inherently hazardous areas and substances, e.g. chemicals, asbestos, unexploded ordnance (UXO).
- Citizenship and Security Clearances. Property access is often restricted.
 - Baseline security clearance can be required.
 - A Defence Common Access Card (DCAC) may need to be applied for.
 - Australian Citizenship may be a mandatory requirement.

Working with Defence

Important aspects of working on Defence projects:

- Adherence to Commonwealth policies, rules and regulations, e.g.
 - Commonwealth Procurement Rules
 - Compliance is mandated
 - Core component is "Value to Defence"
 - Encourage competition and are non-discriminatory
 - Facilitate accountable and transparent decision making
 - WHS, Comcare Reporting,
 - Estate data collation and submission,
 - Indigenous Procurement Policy (mandatory set aside \$80-\$200k and Remote Area (detailed map available NIAA website)).
 - Office of Federal Safety Commissioner (OFSC) Accreditation (>\$4m).
 - Workplace Relationship Management Plans (>\$5m).
 - Australian Building & Construction Commission
 - Defence Security Principles Framework
 - List not exhaustive.

Barriers to Entry

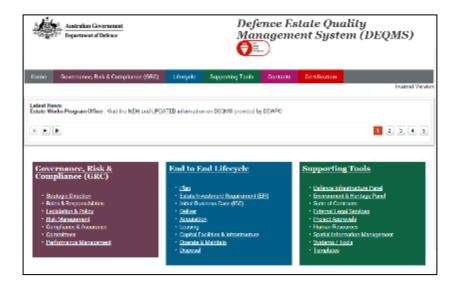
Actively seeking to understand the challenges facing industry

- Significant effort has been made to increase SME engagements
- \$249m FY 20/21 National spend with Indigenous Businesses
- What more can be done?
 - <u>justin.gainey@cushwake.com</u>

Defence Estate Quality Management System

DEQMS

 The Defence Estate Quality Management System (DEQMS) enables access to business process information. This includes policies, processes, tools and templates, that are essential to the management and delivery of the estate related services provided by E&IG



EWP Suite of Contracts

- Available on DEQMS
 - The EWP primarily engages using the Medium Works Contract (MEWC) to engage delivery contractors.
 - Copies of these can be obtained from the DEQMS site.



Upcoming tenders

Are available on <u>DEQMS</u> – EWP Forward Program of Tender Releases

Defence Estate Works Program (EWP) Update Procurement Activities from Sep 2021 - Jun 2022

Correct as at: 31 Aug 2021

| Less than \$1m \$1-4m \$4 - \$8m |
|--|
| \$8m + |

| 2021 Q3 | Sep-21 |
|--------------------|-----------------|
| 2021 Q4 | Oct 21 - Dec 21 |
| 2021 Q4 2022 Q1 | Jan 22 - Mar 22 |
| 2022 Q2 | Apr 22 - Jun 22 |

IMPORTANT

 The EWP Forward Program will be reviewed throughout the year, and re-issued based upon Defence priorities.

This EWP Forward Plan is subject to change based upon Defence budget requirements.

This information is indicative and is for planning purposes only.

This information should not be relied upon for commercial decisions.

All projects will formally be released via AusTender as either a Limited Tender or Open
Tender as determined by both Defence and Commonwealth decisions and policy
requirements.

| PDS | Region | Project ID | Project Title | Project Budget Band (A\$) | Tender Forecast Date - Calendar Year |
|--------------|--------|------------|--|---------------------------------|---|
| Augility | NN | EST05988 | RAAF Richmond Refurbishment Works | \$1-4m | 2021 Q3 |
| Augility | NT | EST04937 | RAAF Darwin Officers Mess Works | \$1-4m | 2021 Q3 |
| Aurecon | NT | EST05519 | Roberts Barracks Savige Lines Works | \$1-4m | 2021 Q3 |
| Augility | QD | EST05298 | RAAF Amberley Chapel Fitout | \$1-4m | 2021 Q3 |
| Augility | QD | EST05861 | Ross Island Paint Facility Systems | \$1-4m | 2021 Q3 |
| Augility | QD | EST06523 | Paluma Road Works | \$1-4m | 2021 Q3 |
| Augility | SA | EST03659 | SA Waste and Landfill Compliance | \$1-4m | 2021 Q3 |
| Augility | SA | EST04550 | RAAF Woomera Base Wide Maintenance Works | \$1-4m | 2021 Q3 |
| Augility | SA | EST05648 | P&EE Fibre Optic Works | \$1-4m | 2021 Q3 |
| Augility | SA | EST05870 | Woomera Theatre Building Remediation | \$1-4m | 2021 Q3 |
| Augility | WA | EST06259 | HMAS Stirling JOC Bldg B36 Refurb | 51-4m | 2021 Q3 |
| Augility | SN | EST01386 | ACT RUSSELL R7 REFURBISHMENT | \$4 - \$8m | 2021 Q3 |
| Augility | SN | EST06531 | HMAS Albatross Supply Complex | \$4 - \$8m | 2021 Q3 |
| Augility | WA | ESTOGS57 | RAAF Pearce Fire Water Ring Main | \$4 - \$8m | 2021 Q3 |
| Augility | SA | EST04549 | RAAF Woomera ELDO Accommodation Block Works | SBm + | 2021 Q3 |
| According to | Phi | EETO6333 | MARKET Albertones Board Responding to the Name of State o | £ 5 | 2021-02 |

Facts and Figures for North Queensland

- Projects Released from 2015
 - 432 projects in Townsville totalling \$512m
 - 244 projects totalling \$190m have been completed and 45 projects totalling \$103m due to complete in the next 12 months
 - 85 projects in Cairns totalling \$54m
 - 53 projects totalling \$26m have been completed and 7 projects worth \$7m are due to complete in the next 12 months

Facts and Figures for North Queensland

- Projects released Calendar 2021
 - Townsville 123 projects \$182m
 - Cairns 15 projects \$13.7m
- Future Program (to be endorsed subject to change)

| | 2022 | 2023/24 |
|------------|--------|---------|
| Townsville | \$122m | \$194m |
| Cairns | \$1m | \$1.5m |

Thank you







CENTRE FOR DEFENCE INDUSTRY CAPABILITY (CDIC)

Adrian Down - Defence Business Adviser

24 NOV 2021

The Defence Portfolio Mission



Strategic Guidance













CENTRE FOR DEFENCE INDUSTRY CAPABILITY

THE DEFENCE LANDSCAPE

Major Project Examples

\$270bn over the next decade. Major project examples:

- Future Submarines (\$90bn to be revised)
- Hunter Class Frigates (\$45bn)
- F-35 Joint Strike Fighters (\$16.6bn)
- Infantry Fighting Vehicles (\$15bn)
- Combat Recon Vehicles (\$12bn)
- Arafura Class Patrol Vessels (\$3.7bn)
- Amphibious Deployment & Support (\$3.2bn)
- Protected Mobility Vehicles (\$2bn)
- Protected Mobile Fires (\$1.3bn)
- Guided Missiles (\$1bn)









Industry as a FIC

A Fundamental Input to Capability (FIC) is one of the multiple inputs required to deliver capability.

Industry is a critical input to delivering capability.



Sovereign Industrial Capability Priorities

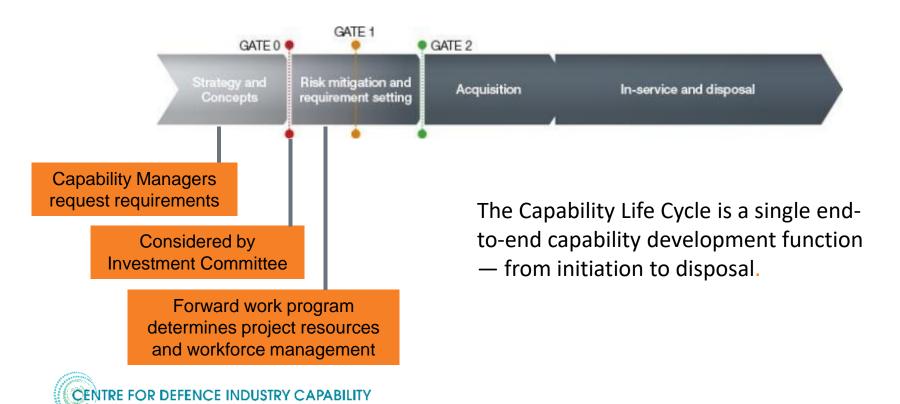
- Collins maintenance & upgrade
- Continuous shipbuilding
- Land combat & protected vehicles & upgrade
- Active/Passive radar
- Combat clothing survivability & signature reduction
- Signal processing
- Surveillance and intelligence
- Test & evaluation, certification, assurance

- Munitions & small arms
- Aerospace maintenance

New Priorities (26 Aug 21)

- Robotics, autonomous systems, Artificial Intelligence
- Precision munitions, hypersonic weapons, air & missile defence
- Space
- Info warfare & cyber capabilities

Defence Procurement - acquisition & sustainment



THE DEFENCE LANDSCAPE

ARE YOU READY TO SUPPLY?

Do your research

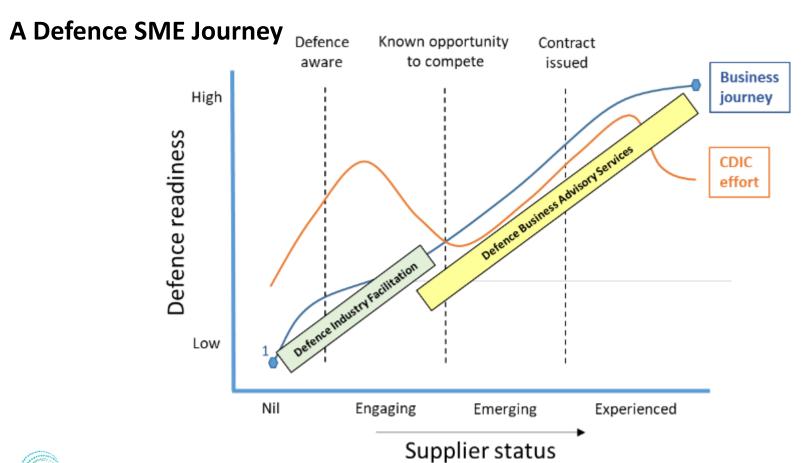
Understand your value proposition

Monitor the market

Reach out for support

Does your business have:

- a history of supply performance (on schedule, on budget and to specification)
- a broad customer base, which demonstrates supply capacity
- a broad supplier base to ensure supply continuity
- an appropriate quality assurance program (such as ISO9001 certification)
- ownership of intellectual property or authorised re-seller rights with authority to offer original equipment manufacturer (OEM) warranty
- compliance with <u>security requirements</u>, including cyber security
- compliance with relevant legislation and codes of conduct
- Australian and international certifications and accreditations



Engaging and Emerging Businesses

Your resources:

- CDIC teams, website, newsletter
- AIDN or other Defence Industry Orgs
- Your State Government / Local Council
- AusIndustry
- Major Prime Contractor websites
- ICN Industry Capability Network
- ADM Australian Defence Magazine
- Defence Connect online resource
- Defence strategy and policy documentation
- AIC public plans
- Industry briefings
- Ai Group
- Assorted Defence directories
- AusTender







Cyber Security Assessment Tool

Implement the mitigation strategies listed under the ACSC Essential Eight Maturity Model – Maturity Level 1:

- 1. Application control (whitelisting)
- 2. Patch applications
- 3. Configure Microsoft Office macro settings
- User application hardening
- 5. Restrict administrative privileges
- 6. Patch operating systems
- 7. Multi-factor authentication
- 8. Regular backups

Digital Readiness Assessment Tool

Measure your digital maturity and readiness against the 7 key pillars of digital transformation:

Customer – how you interact with your customers and the digital channels you use.

Operations – what systems and administrative technology you use.

Data and analytics – how you collect and use data for decision making.

Technology – what hardware, software, devices and platforms you use.

Risk, privacy and cybersecurity – how you keep data safe and what policies and procedures you have in place.

Digital capability and culture – what digital skills you and your team have.

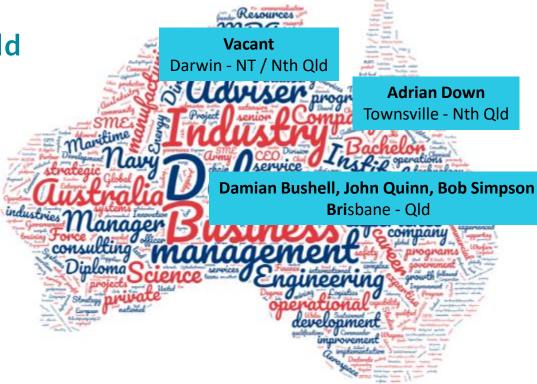
Digital strategy and innovation – your planning, investment and involvement in technology.

Emerging and Experienced – Defence Industry Grant Support

Skilling Australia's Defence Industry (SADI) 100% of \$500k Defence Global Competitiveness (DGCG) 50% of \$300k Defence Innovation Hub (DIH) - Contract Merit based Capability Improvement Grant (CIG) Closed Sovereign Industrial Capability Priority (SICP) Closed

CDIC staff covering Qld

- Damian Bushell
 - 0427 390 278
- Bob Simpson
 - 0417 776 022
- John Quinn
 - 0468 470 229
- Adrian Down
 - 0427 581 950





Build your business in defence

WE ARE HERE TO HELP

- Find the right opportunities for your products and services
- Build your capabilities to meet Defence requirements
- Connect with other businesses in the industry

Call us 13 28 46 | business.gov.au/cdic



ASMTI Greenvale Training Area Project

Townsville Defence Industry Breakfast24 November 2021





ACKNOWLEDGEMENT TO COUNTRY



On behalf of CPB, I would like to acknowledge the traditional owners and custodians of the land where we gather today;

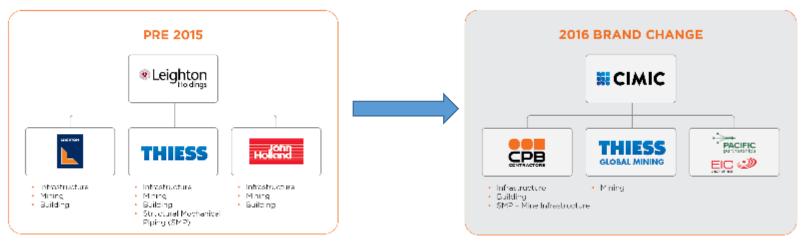
We pay our respects to elders past, present and emerging



CPB - WHO WE ARE



CPB = merger of Thiess and Leighton in 2016





CPB - PAST NQ PROJECT





 100% of NQ Staff have lived in NQ for more than 20 years



THE PROJECT



- Australia-Singapore Military Training Initiative (ASMTI)
- At completion, up to 14,000 Singapore Armed Forces will conduct unilateral training near Greenvale for up to 18 weeks a year for 25 years
- Investment provided by Singapore
- ASMTI's two projects:
 - Shoalwater Bay (separate to this presentation)
 - Greenvale (this project)

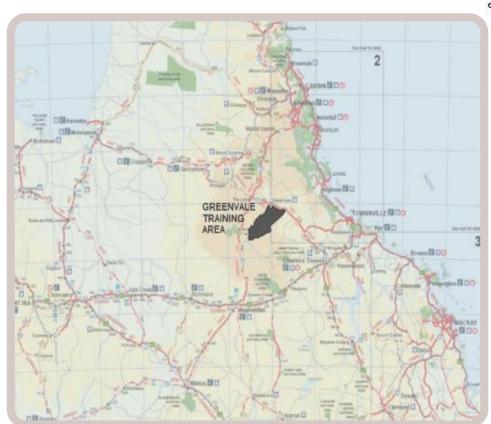




CPB CONTRACTORS

- Greenvale site is approximately 90km x 40km
- 310,000 ha/3100 km² (Singapore = 728 km²)

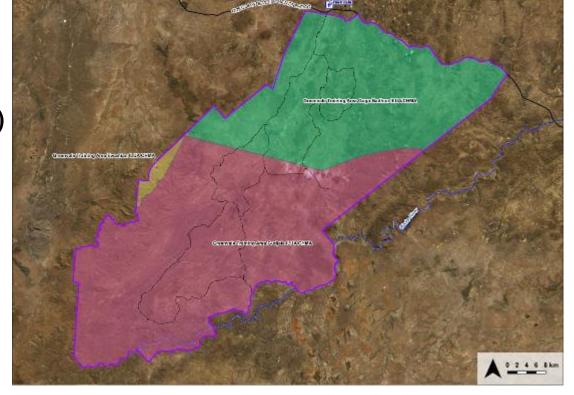




GVTA TRADITIONAL OWNER BOUNDARIES



- Ewamian (Yellow)
- Gudjala (Purple)
- Gugu Badhun (Green)





PROJECT TIMELINE



- Planning Phase Nov 2020 to Feb 2022
- Delivery Phase Feb 2022 to Nov 2027
 - Procurement/Tendering mid-2022 to mid-2026

| 2020 | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | | 2025 | | | | 2026 | | | | 2027 | | | |
|------|----------|----|----|----|------|----|----------------|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Planning | | | | | | Delivery Phase | | | | | | | | | | | | | | | 7 | | | | | | |



PLANNING PHASE UPDATE



- Commenced Nov 2020
- Design milestones:
 - MPFR 5% Apr 2021
 - CDR 30% Aug 2021
 - SDR 50% Dec 2021
- Continuing site investigations
- Design continues during Delivery Phase









































DESIGN DEVELOPMENT





- Entry 3D Fly Through
- Admin 3D Fly Through
- UOLF 3D Fly Through

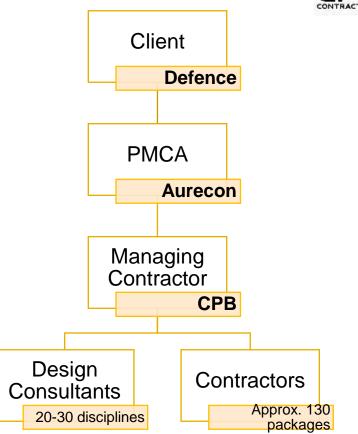


DELIVERY METHOD

CPB CONTRACTORS

- CPB is the Managing Contractor
- CPB's role:
 - Manage the design of works
 - Manage the construction, commissioning & handover
- CPB cannot self perform the works





LOCAL INDUSTRY

 CPB is targeting more than 90% local industry participation for both Planning Phase and Delivery Phase.





KEY PACKAGES



- Civil Works
- Fencing
- Fauna Spotting & Catching
- Camp Operations
- Waste Management
- Concrete Works
- Structural Steel
- Termite Treatment
- Metalwork
- Ceilings & Partitions
- Joinery

- Glazing
- Roofing & Wall Cladding
- Floor Finishes
- Signage
- Final Clean
- Hydraulic Services
- Electrical Services
- Mechanical (Air-Conditioning) Services
- Fire Services
- Communication Services
- Security Services



WORK ELEMENTS



- Civil works:
 - Gravel roads, culverts and bridges
 - Airfield works
 - Subdivision style works (roads, drainage, services, etc)
- Services:
 - HV and LV electrical reticulation
 - Water treatment, storage and reticulation
 - Wastewater capture and treatment
 - Communications
 - Mechanical and ventilation services

- Building works:
 - Temporary camp and facilities
 - Administrative buildings
 - Accommodation blocks
 - Medical facility
 - Field vehicle maintenance facility
 - UOLF (precast concrete)
 - Associated building services



TENDERING PRE-REQUISITES



Building Code 2016

- All Subcontractors <u>must</u> be compliant with the Building Code 2016
- CPB cannot provide independent advice on code compliance. Advice must be provided by the ABCC

https://www.abcc.gov.au/building-code



TENDERING PRE-REQUISITES



Insurances

- Minimum insurance requirements:
 - Workcover
 - Public Liability (\$20M)
- Plant & Equipment insurance will be required for some packages (e.g. Civil Works)

Management Plans

- Minimum Management Plans required:
 - Safety
 - Quality
 - Environmental



TENDERING PRE-REQUISITES



QBCC licences required for certain works in QLD:

https://www.qbcc.qld.gov.au/when-is-a-contractor-licence-required

Confidentiality Agreement

 Each Tenderer will be required to sign a confidentiality agreement prior to receiving tender documentation

Electronic Tender Platform

- Registration on an electronic tender platform will be required
- Tender documentation will be issued via the tender platform
- Tender submissions must be submitted via the tender platform

PROCUREMENT METHOD



- The procurement method will be determined based on the estimated value of the proposed trade subcontract.
- All tenders must be conducted in accordance with:
 - Commonwealth Procurement Rules
 - Indigenous Procurement Policy



DEFENCE CONTRACTS



 Contracts will be in based on Defence Quality Management System (DEQMS) templates

Design Services Subcontract (DSSC)

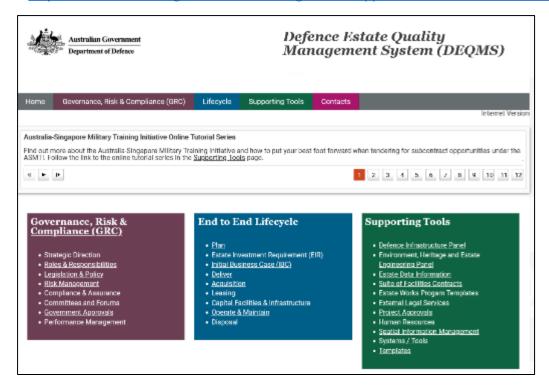
Medium Works Subcontract (MESC)

Major Works Subcontract (MASC)

DEQMS (DEFENCE ESTATE QUALITY MANAGEMENT SYSTEM)



https://www.defence.gov.au/estatemanagement/Support/SuiteContracts/mccontract.asp





CONTACT DETAILS



CPB Contractors Pty Ltd

E: ASMTI.Greenvale@cpbcon.com.au



INDUSTRY CAPABILITY NETWORK (ICN) QLD

ICN Overview

November 2021



ICN CONTRIBUTIONS AND RECENT PROJECTS







Nationally awarded contracts (Last 30 years)



QLD awarded contracts (Last 9 years)



QLD awarded contracts (Last 3 years)



Queensland Country Bank Stadium

> James Cook University TIC





Queens Wharf

THHS Acute Mental Health Unit





Cross River Rail

Gold Coast Commonwealt h Games



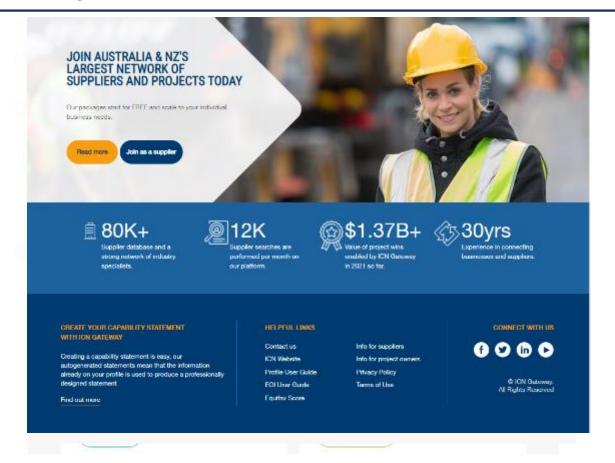


ICN DEFENCE STATS 2020





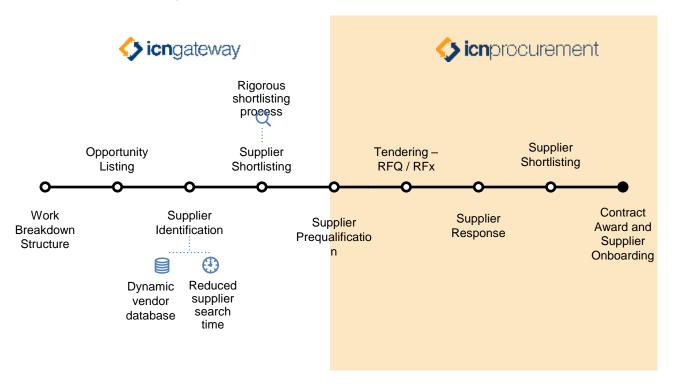
ICN GATEWAY OVERVIEW





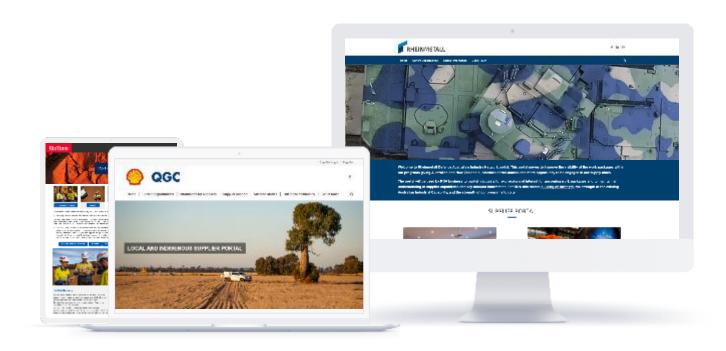
ICN PROCUREMENT

ICN Procurement complements **ICN Gateway** to deliver an end-to-end modular procurement sourcing solution.





ICN PROCUREMENT PORTAL EXAMPLES





INDUSTRY ADVICE

1. Register your business for opportunities

- Register/Update your company profile on https://gateway.icn.org.au or on specific portals used by various clients.
- 2. Respond to an opportunity
- Submit an EOI on https://projectname.icn.org.au or on specific portals
- Don't assume ask for clarification;
- Answer all questions in full;
- Put your best proposal forward.
- 3. Any questions contact ICN or email to info@icnqld.org.au



Thank you

Contact us:

DSDILGP North Queensland Regional Office

- North Queensland Regional Office
- Townsville.NQRO@dsdilgp.qld.gov.au
- Ph: 07 4758 3405

