



MAJOR PROJECTS FORUM

AUSTRALIA-SINGAPORE MILITARY TRAINING INITIATIVE (ASMTI)
FACILITIES PROJECT

AT SHOALWATER BAY TRAINING AREA, QLD

ROCKHAMPTON 8TH NOVEMBER 2018



Welcome

CRAIG SIMPSON | GENERAL MANAGER



ASMTI Facilities Project – Major Projects Forum Presentation

Agenda

- Welcome
- Introduction to Laing O'Rourke
- Project Overview
- Planning Phase Timeline
- LOR Delivery Strategy
- Subcontractor Package Breakdown
- Engagement & Activities
- Questions & Concerns
- Next Steps



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Introduction to Laing O'Rourke

LAING O'ROURKE

HISTORY

1848

John Laing construction business is founded.

1919

John Laing builds thousands of new houses for WW1 returning soldiers as part of the 'Homes Fit for Heroes' campaign.

1956

Sellafield, the world's first commercial-grade electricity-generating nuclear power station, is delivered by John Laing.

1959

John Laing completes the southern part of the M1, Britain's first inter-urban motorway.

1978

R O'Rourke & Son commences trading.

1990

R O'Rourke & Son begins work on the first phase of Canary Wharf, where it will go on to deliver the Citigroup, Clifford Chance and McGraw Hill superstructures.

1995

Sizewell B, the last nuclear power station to be built in the UK, is delivered by John Laing.

2001

R O'Rourke & Son acquires John Laing Construction, creating the UK's largest privately owned construction company.

2002

Work starts on a four-year project to transform London's St Pancras station into a high-speed international rail terminal.

2004

Crown House Technologies is acquired.

2006

Laing O'Rourke expands its Australian operations with the acquisition of Barclay Mowlem.

2007

Work commences on the 800km North-South Railway spanning the Kingdom of Saudi Arabia.

2008

Europe's largest construction project, Heathrow's Terminal 5, is delivered on time and on budget.

The iconic Atlantis hotel on Dubai's famous Palm Island opens for business.

The completion of a 285km mine-to-port railway in Western Australia provides the iron-ore-rich Pilbara region with its first major open-access transport route.

1959

1919

1990

2009

1956

2008

2002

WHO WE ARE

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LAING O'ROURKE

HISTORY

2009

Australia's first potable waste-water recycling plant is completed at Luggage Point, Queensland.

2010

Vision becomes reality as Europe's largest state-of-the-art manufacturing facility at Explore Industrial Park officially opens.

2011

Laing O'Rourke establishes a presence in Canada with the opening of the Toronto office.

Laing O'Rourke opens a new office in Hong Kong to focus on delivery of three major contracts to expand Hong Kong's high-speed rail network, paving the way for an express link to mainland China.

2012

The programme management of Europe's largest construction project concludes as London hosts the 2012 Olympic and Paralympic Games.

In joint venture with Bouygues Travaux Publics, Laing O'Rourke is appointed preferred bidder to deliver the main civil engineering works for the proposed new Hinkley Point C Nuclear Power Station in Somerset, UK, subject to planning consent.

2014

Completion of the Leadenhall Building in the City of London and the award-winning transformation of Manchester Central Library and Town Hall.

2015

Completion of Moorebank Units Relocation, New South Wales, the largest single capital works investment in Australian defence since World War Two.

The AUD\$870 million (£470 million) Moorebank Units Relocation (MUR) project involved the demolition of around 200 buildings and construction of state-of-the-art training facilities for the school of military engineering and other defence elements.

2012

2014

2015

2012

WHO WE ARE

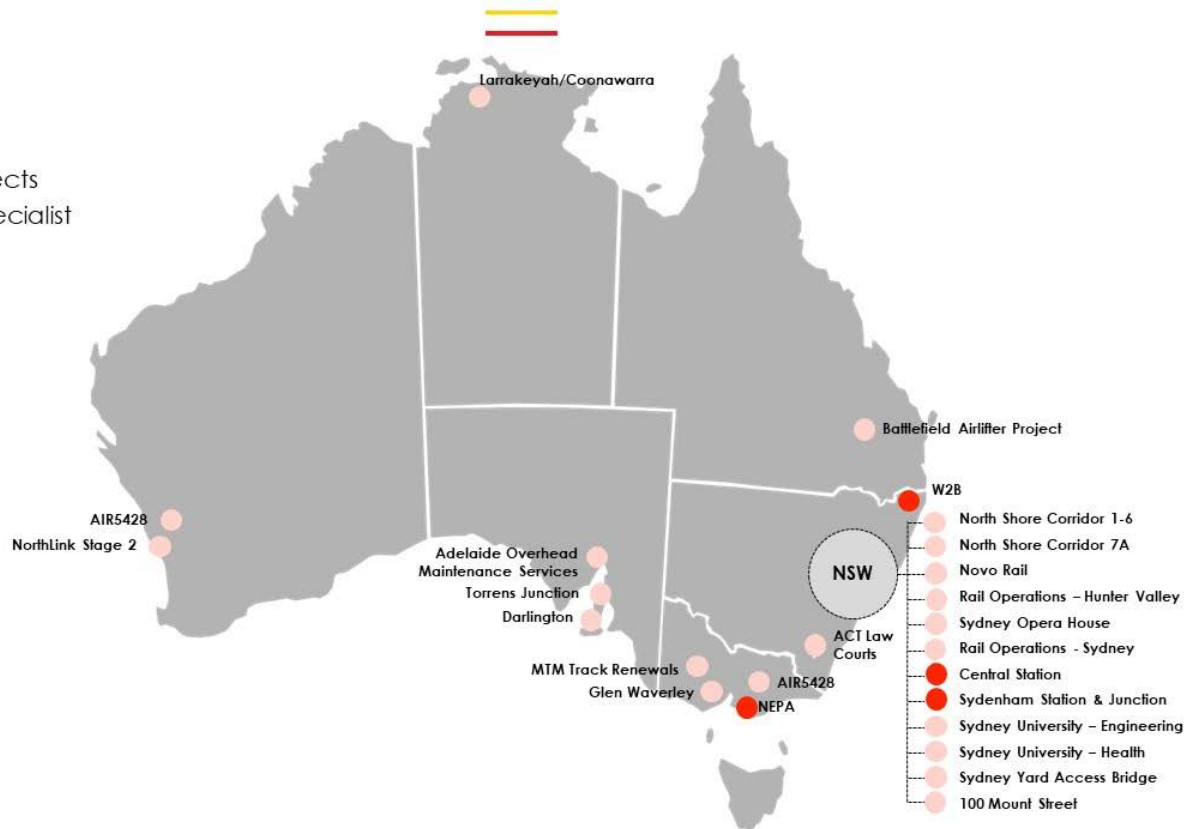
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Introduction to Laing O'Rourke

Key

- Major Projects
- Core & Specialist Businesses





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Introduction to Laing O'Rourke



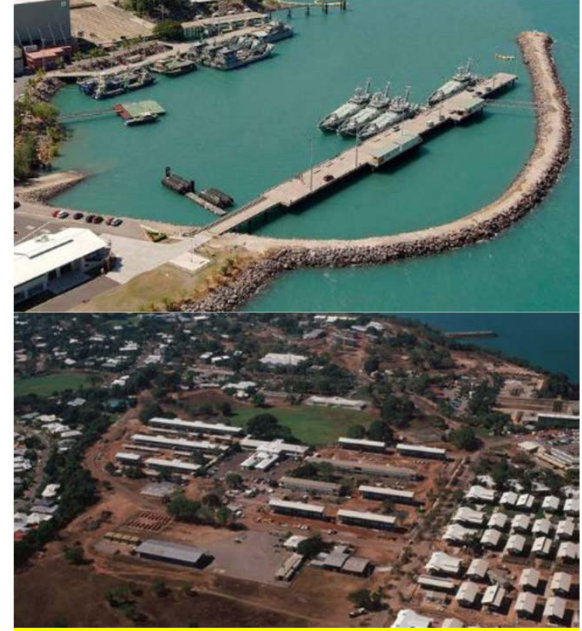
Battlefield Airlifter

Department of Defence | \$330m | QLD



AIR5428 Pilot Training Systems

Department of Defence | \$300m | VIC



Larrakeyah Barracks HMAS Coonawarra

Department of Defence | \$520m | NT

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Health, Safety and Environment: Next Gear

- HSE is a core value
- Our performance is our number one priority
- We will continue to lead the industry
- Need to recognise the need to evolve
- To look at HSE **differently**

'Next Gear' is based on three simple principles

1. **People are the solution**
2. **Health and Safety is the presence of positives**
3. **Health and Safety is an ethical responsibility**





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Project Overview

- Laing O'Rourke awarded Managing Contractor Contract for the ASMTI Facilities Project by the Department of Defence
- Contract is in two phases :
 - Planning Phase – 30% design complete
 - Delivery Phase – completion of design and construction



Project Overview – Project Scope

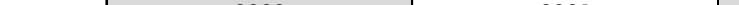
Early Works

Enabling Infrastructure

- Internal roads
- Fencing, firebreak and signage to boundary
- Road diversions



Master Planning Timeline

2018		2019				2020				2021				2022				2023				2024	
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
																							

Project Overview – Project Scope Cont'd

Training Facilities

Urban Operations Live Fire (UOLF)

- A number of Instrumented Buildings

Combined Arms Air Land Range (CAALR)

- Instrumented (projectile tracking and simulated return fire)
- 5km x 5km maneuver area (x 2)
- Large number of targets
- Coastal / Littoral Village



Master Planning Timeline

2018		2019				2020				2021				2022				2023				2024	
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2

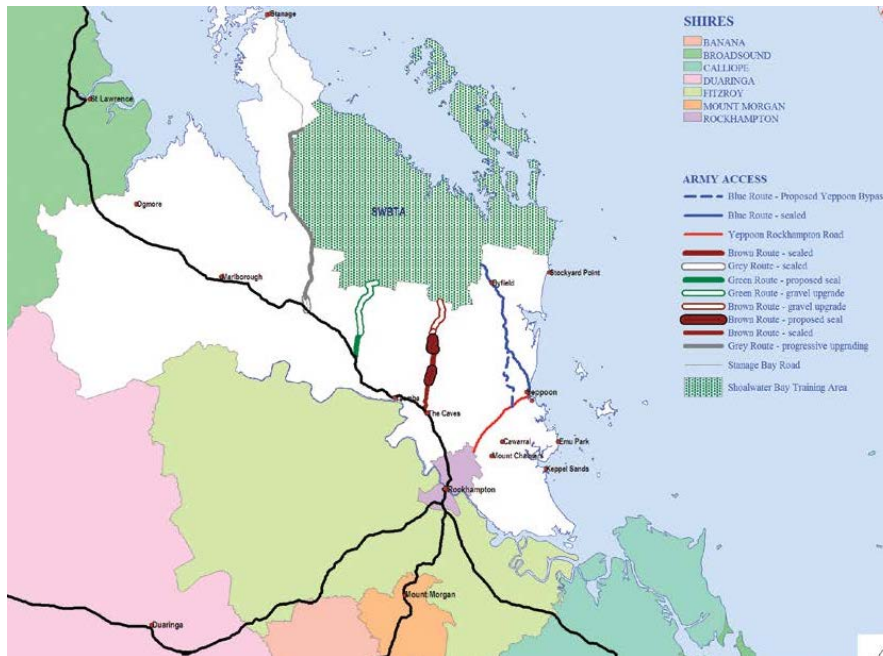
Project Overview – Project Scope Cont'd

Other elements

Hardened Manoeuvre Corridors

ICT Infrastructure

Beach Landing Site Pier



Master Planning Timeline

[illegible]



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Planning Phase Timeline

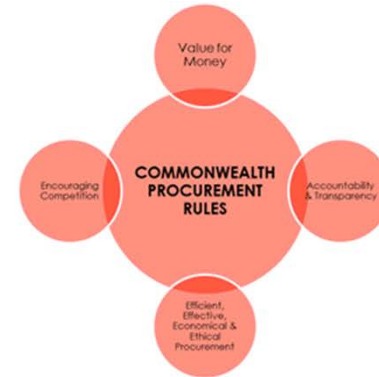
- 25 September 2018 – Contract announced
- 31 October 2018 - Master Planning and Feasibility Review Report, including facilities siting options (5% design), submitted
- Current action - Procurement of design consultancy services
- Quarter 1 2019 – Continue design to 30%
- Quarter 2 2019 – Concept Design Review Report submitted
- Quarter 2 2019 – Delivery Phase Agreement
- Quarter 3 2019 – Early works construction commences
- Quarter 2 2020– Design complete to 100%, construction commences



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LOR Delivery Strategy

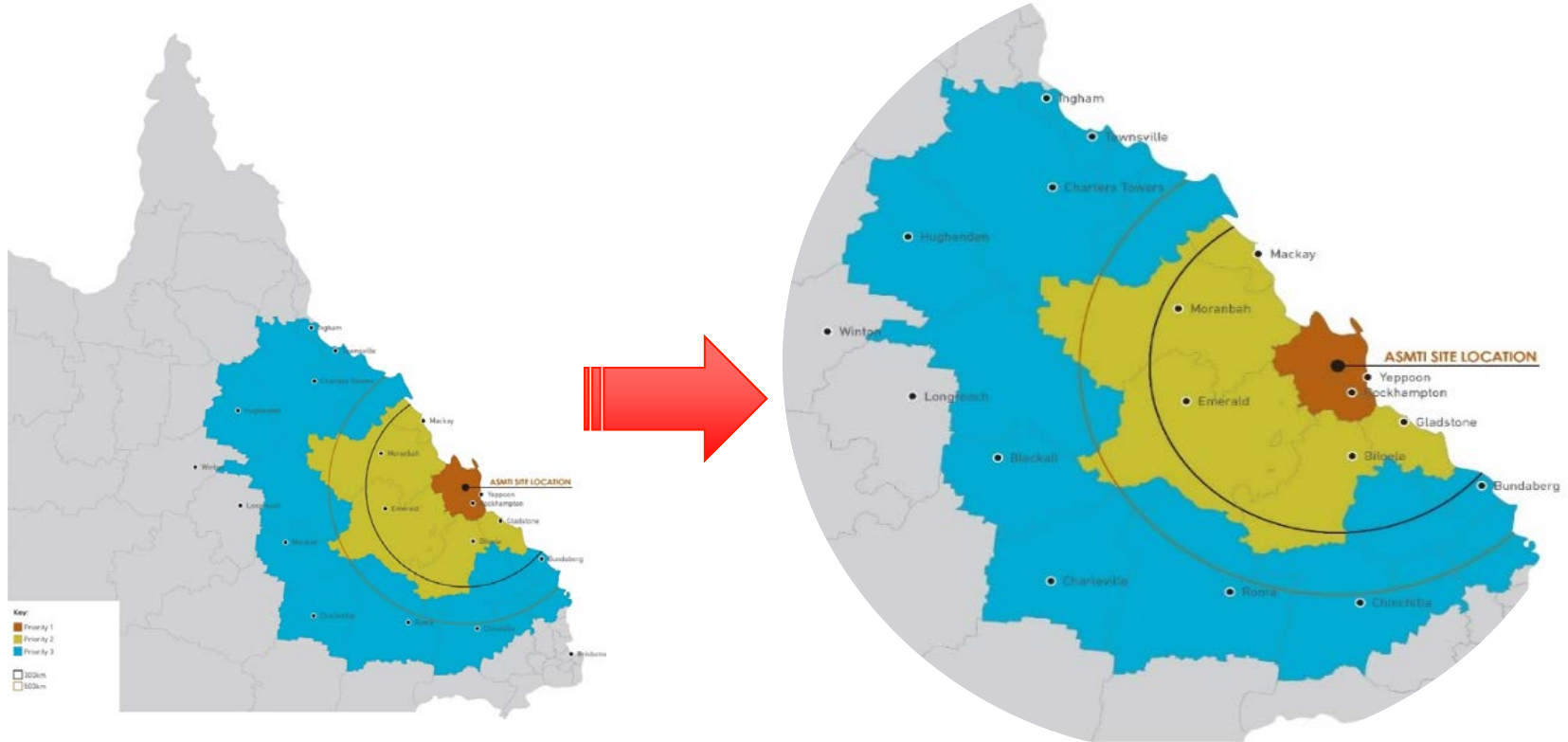
- Procurement of subcontractors commence with Industry Briefings in Quarter One 2019
- Process as follows :





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LOR Delivery Strategy - Local Industry Participation





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Subcontractor Package Breakdown

- Quarry Products
- Labour Hire
- Plant Hire
- Concrete Supply
- Reinforcement Supply
- Temporary Fencing
- Scaffolding
- Civil
- Fencing
- Demolition
- Target Supply
- Concrete
- Precast
- Bridges
- Electrical
- Hydraulics
- Mechanical
- Fire
- Communications
- Security
- Blockwork
- Ceilings & Partitions
- Structural Steel
- Roofing
- Waterproofing
- Signage
- Windows / Louvres
- Carpentry & Joinery
- Landscaping
- Metalwork
- Painting
- Flooring
- Simulation



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Engagement & Activities



- On campus events being planned for late November, early December to introduce LOR
- Careers Fair - March, look for graduates, interns and industry placements
- Laing O'Rourke's EPIC program will be developed to meet local community interest



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Questions & Concerns

- Laing O'Rourke welcome questions and queries from industry regarding any concerns, such as :
 - form of contract
 - Building Code 2016 compliance
 - safety compliance
 - quality compliance
- Come in and see us at 238 Quay Street, or email ASMTI@laingorourke.com.au





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Next Steps

- 6 December 2018 Gladstone Engineering Alliance Breakfast
- Early 2019 Subcontractor Capability Breakfast Forums (to be arranged)
- General updates/ information about the Project :
www.defence.gov.au/Initiatives/ASMTI





Thank you

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