

ASMTI-Facilities Project at Shoalwater Bay Training Area

EOI Prequalification Questionnaire

Design Services

Document details	
Project name	Australia-Singapore Military Training Initiative (ASMTI) Facilities Project
Location	Shoalwater Bay Training Area (SWBTA), Rockhampton
Response due	05:00pm EST 25 October 2018
Submit to	ASMTI@laingorourke.com.au
Response format	Microsoft Word

This document comprises:

Section 1: Available Work Packages	To be completed	3 pages
Section 2: Project Overview and Scope	Information only	6 pages
Section 3: General Company Information	To be completed	4 pages
Section 4: Work Package Specific Information	To be completed	3 pages
Section 5: Declaration	To be completed	1 page

1. AVAILABLE WORK PACKAGES

1.1 Program of works

The general commencement and completion dates for the work packages are as outlined below, noting these are not package specific but the overall design program:

Program	
General Commencement and Completion Dates	Concept Design Report (CDR) – 30% Start: 07 Jan 2019 Finish: 31 May 2019
	Schematic Design Report (SDR) – 50% Start: 04 Jun 2019 Finish: 17 Sep 2019
	Detailed Design Report (DDR) – 90% Start: 23 Sep 2019 Finish: 02 Mar 2020
	Final Design Report (FDR) – 100% Start: 03 Mar 2020 Finish: 26 Jun 2020
	Construction Phase Services Start: 02 Sep 2019 Finish: 12 Apr 2024

1.2 Work Packages

Laing O'Rourke seeks Expressions of Interest from consultants to progress the design from 5% to 30% and provide indicative fees to then progress the design to 100% with the associated construction phase services. The anticipated design consultant team is made up of the below Work Packages.

Please identify which Work Packages your company is expressing an interest in tendering on here:

Work Package No.	Work Package Name	Approximate Package Value to 100% Design	EOI? (mark with X)
WP.90001	Civil Engineer (a) Stages 1, 2, 8, 9, 11, 12 <ul style="list-style-type: none"> Roads and hardstands, incl. building pads Creek crossings, culverts, etc. Bulk earthworks Overland flow and stormwater Fencing and signage 	\$2M - \$2.5M	
WP.90002	Civil Engineer (b) Stages 3, 4, 5, 6, 10, 13 <ul style="list-style-type: none"> Roads and hardstands, incl. building pads Creek crossings, culverts, etc. Bulk earthworks Overland flow and stormwater Fencing and signage 	\$1M - \$1.5M	
WP.90003	Civil Engineer (c) Stage 7 <ul style="list-style-type: none"> Civil design around the Urban Operations Live Facility (UOLF) structures, inground services, building pads 	\$1M - \$1.5M	

Work Package No.	Work Package Name	Approximate Package Value to 100% Design	EOI? (mark with X)
	<ul style="list-style-type: none"> Bulk earthworks Overland flow and stormwater 		
WP.90101	Electrical Engineer <ul style="list-style-type: none"> Design of electrical systems; HV and LV power, lighting Lightning protection & earthing 	\$2M - \$2.5M	
WP.90201	Structural Engineer (a) All Stages excl. Stage 7 <ul style="list-style-type: none"> Structural design generally 	\$1M - \$1.5M	
WP.90202	Structural Engineer (b) Stage 7 <ul style="list-style-type: none"> Structural design of the Urban Operations Live Facility (UOLF) 	\$0.5M - \$0.75M	
WP.90301	Mechanical Engineer <ul style="list-style-type: none"> Design of mechanical systems; air conditioning, ventilation, smoke management 	\$1M - \$1.5M	
WP.90401	Hydraulic Engineer <ul style="list-style-type: none"> Design of hydraulics systems; sanitary drainage, hot & cold water reticulation Sewage treatment plant Water treatment plant Stormwater / rainwater harvesting 	\$1M - \$1.5M	
WP.90501	Geotechnical Engineer <ul style="list-style-type: none"> All geotech investigations and lab testing as required Production of design parameters for other consultants 	\$0.5M - \$0.75M	
WP.90601	Fire Engineer <ul style="list-style-type: none"> Wet and dry fire protection design Fire safety engineering 	\$1M - \$1.5M	
WP.90701	Acoustic Engineer <ul style="list-style-type: none"> Design of acoustic systems 	<\$0.5M	
WP.90801	Building Certification <ul style="list-style-type: none"> BCA and MFPE compliance incl. performance solutions if necessary Disability Discrimination Act (DDA) review Final certification 	\$1M - \$1.5M	
WP.90901	Architect <ul style="list-style-type: none"> Architectural design of all works 	\$2.5M - \$3M	
WP.91001	Quantity Surveyor & Whole of Life (WOL) <ul style="list-style-type: none"> Cost planning Budget cost plan estimates WOL cost assessments 	\$1.5M - \$2M	
WP.91101	Environmental Services <ul style="list-style-type: none"> Site investigations and surveys Provide advice on construction activities Desktop studies 	\$0.5M - \$1M	
WP.91201	Topographical & Services Location Surveyor <ul style="list-style-type: none"> Desktop studies Site features survey Survey control of works, set out and as built 	\$1M - \$1.5M	

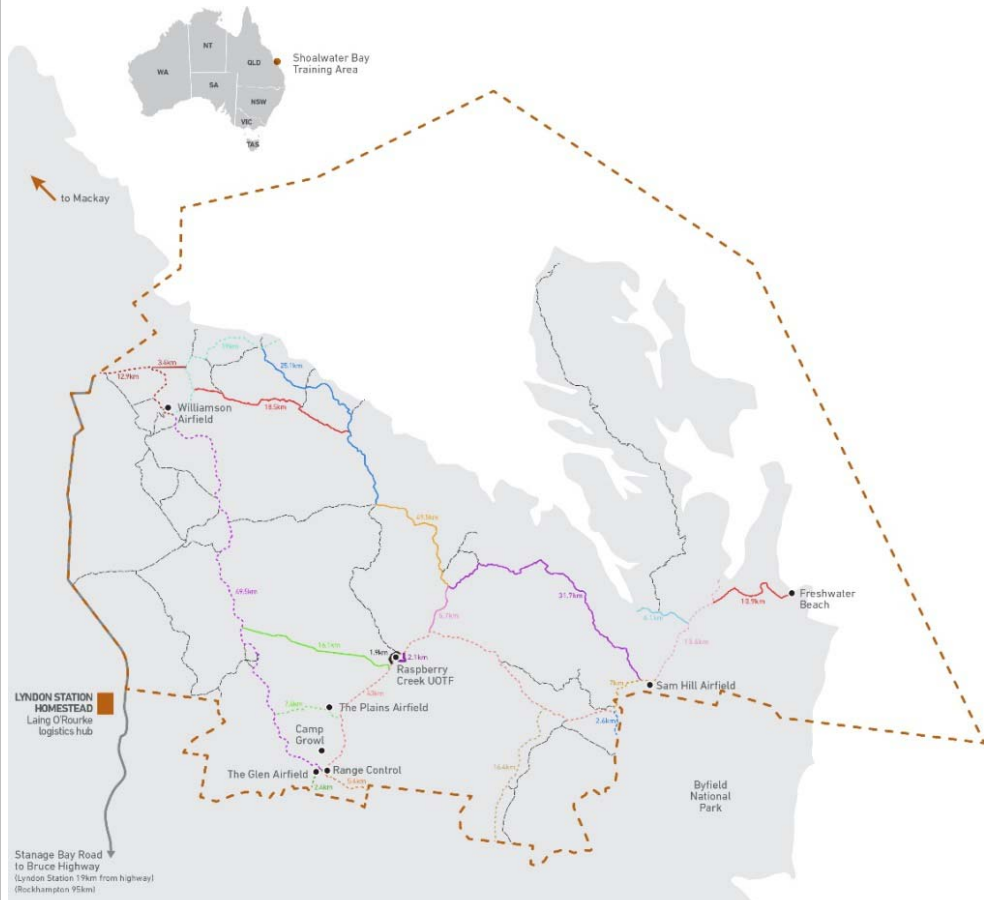
Work Package No.	Work Package Name	Approximate Package Value to 100% Design	EOI? (mark with X)
WP.91301	Unexploded Ordinance (UXO) Consultant <ul style="list-style-type: none"> UXO investigation, clearance and reporting 	\$2.5M - \$3M	
WP.91401	Hazardous Area Assessment incl. Hazardous Materials & Dangerous Goods <ul style="list-style-type: none"> Design for hazardous areas, compliance with Defence requirements 	<\$0.5M	
WP.91501	Information Communication Technology (ICT) Services <ul style="list-style-type: none"> Design of comms systems; live virtual constructive (LVC), data, telephony 	\$3.5M - \$4M	
WP.91601	Security Services <ul style="list-style-type: none"> Security services design 	\$0.5M - \$1M	
WP.91701	Ecologically Sustainable Development (ESD) <ul style="list-style-type: none"> ESD assessments ESD proposals and design checks / recommendations 	<\$0.5M	
WP.92001	Live Firing & Range Planning incl. Blast & Ballistics <ul style="list-style-type: none"> Range planning design Blast design Ballistics design 	\$2M - \$3.5M	
WP.92201	Simulation & Instrumentation Services <ul style="list-style-type: none"> Simulation and instrumentation design 	<\$0.5M	
WP.92301	Audio Visual (AV) Systems <ul style="list-style-type: none"> Audio visual services design 	<\$0.5M	
WP.92401	Landscape Architect <ul style="list-style-type: none"> Landscape design services, incl. irrigation 	<\$0.5M	
WP.92501	Marine Engineer <ul style="list-style-type: none"> Design of the marine pier and associated works 	\$0.5M - \$1M	
WP.92601	Heritage Consultant <ul style="list-style-type: none"> Assessment of natural, indigenous and built heritage Monitoring requirements Provide advice on construction activities 	\$0.5M - \$1M	
WP.92701	Economic Assessment Services <ul style="list-style-type: none"> Economic assessment to support local industry content, and economic development of the area 	<\$0.5M	

It should be noted that there will be no lead consultant and this role will be carried out by the Laing O'Rourke Design Management team.

All consultants will be engaged under the standard Defence Design Services Subcontract (DSSC-1 2003) available at: <http://www.defence.gov.au/EstateManagement/Support/SuiteContracts/mcccontract.asp> with relevant Special Conditions passed down from the MCC and Laing O'Rourke.

2. PROJECT OVERVIEW AND SCOPE OF WORK

2.1 Introduction to the Project

ASMTI Facilities Project	
Project Title	Australia-Singapore Military Training Initiative (ASMTI) Facilities Project at Shoalwater Bay Training Area, Queensland
Project Scope	<p>Shoalwater Bay Training Area (SWBTA) is one of Australia's key training areas for the conduct of domestic and international military training. SWBTA is located within a World Heritage Area approximately 80km north of Rockhampton, Queensland, and covers more than 264,000ha of land and 180,000ha of sea.</p> <p>The Australia-Singapore Military Training Initiative (ASMTI) at SWBTA is a key initiative of the Comprehensive Strategic Partnership (CSP) that provides a unique opportunity to enhance suitable training areas in Central and North Queensland. The initiative provides the Singapore Armed Forces (SAF) with increased access to Australian military training areas and is an important way of strengthening Australia's bilateral Defence relationship with Singapore.</p> <p>The ASMTI-Facilities Project aims to increase training to 14,000 Singaporean personnel in Australia for 18 weeks annually by the end of 2026. The project involves constructing new and upgrading existing facilities and infrastructure at SWBTA to support training activities of the SAF. This project will provide opportunities for local businesses to provide support and services. Up to \$2.25bn will be invested in Central and North Queensland over the life of the initiative.</p> 
Managing Contractor (MC)	<p>Laing O'Rourke has been awarded the Managing Contractor Contract for the project for Planning Phase which involves taking the design to 30% Concept Design Review (CDR).</p> <p>Upon Planning Phase Agreement, Laing O'Rourke will then progress into Delivery Phase which involves taking the design to 100% Final Design Review (FDR). These stages and how they apply to this Expression of Interest and any subsequent tender are outlined further in Section 2.5 below.</p>

2.2 Project Objectives

The Managing Contractor (Laing O'Rourke) will work with the Department of Defence (Defence) to achieve the project objectives. The project objectives for the ASMTI-Facilities Project are:

- To communicate, coordinate and collaborate
- To include all stakeholders and secure their commitment to the project
- To achieve completion of the milestones by the agreed dates
- To deliver the works that are of a high quality and fit for purpose
- To provide accurate cost estimates
- To maximise the scope (and in turn, capability outcomes) within the approved budget
- To achieve exceptional performance measured by stakeholder satisfaction, budget, time and quality, whole of life (WOL) and ecological sustainable design (ESD) performance
- To perform the contractor's activities in such a way that promotes high standards of work health and safety (WH&S) and environmental performance
- To perform the contractor's activities cooperatively with other contractors working at the site
- To achieve user occupation in an expeditious and timely manner following completion of the works.

2.3 Detailed Project Scope

The table below outlines the ASMTI Facilities Project scope of works currently planned for the SWBTA in the Rockhampton region.

Scope of work	Description
Stage 1: Early Works (Facilities infrastructure)	<ul style="list-style-type: none"> • Internal roads • Fencing and firebreaks to boundary • Road diversions • Where appropriate, the demolition of existing structures • Decontamination or other management of contaminated areas • Installation of Training Area Safety Network (TASNet) Towers.
Stage 2: Hardened manoeuvre corridors	<ul style="list-style-type: none"> • Hardened creek crossings with either culverts or bridges • Road/tracks along main access of manoeuvre corridors • Additional parallel and lateral tracks within manoeuvre corridors.
Stage 3: Waste management facilities	<ul style="list-style-type: none"> • Gravel hardstands for waste management • Gravel hardstands for waste transfer • Engineering services/utilities • Electricity (lighting, solar)
Stage 4: Camp accommodation	<p>2,000 person capacity permanent camp</p> <ul style="list-style-type: none"> • Exercise administration building x 2 • Accommodation blocks x 50 (40-person) for headquarters and administrative support functions • Male and female ablutions x 6 • Laundry facilities x 4 • Field kitchens/combined mess x 2 • Messes x 4 • Q Store x 2 • Training room x 2 • Vehicle parking x 2 for white fleet or limited numbers of light military vehicles only • Helicopter landing sites x 2

Scope of work	Description
	<ul style="list-style-type: none"> • Water treatment facility • Sewage treatment facility • Engineering services/utilities: • Electricity (lighting, power, generator, solar, uninterruptable power supply (UPS) • Hydraulics (potable water, water heaters gas/electric, ablution fittings and fixtures) • Sewerage (sewer connection, transfer, grease traps) • ICT/communications (Defence Restricted Network (DRN), Defence Secure Network (DSN), telephony, unclassified mobile telephone/internet reception) • Fire protection (detection, fire hose reels, hydrant system) • Mechanical (air conditioning, building management systems (BMS), ventilation/fans, extraction, air quality). <p>1,400 person capacity surge camp</p> <ul style="list-style-type: none"> • Exercise administration building x 1 • Tented accommodation slabs x 176 (8-person) • Male and female ablutions x 3 • Laundry facilities x 3 • Field kitchens/combined mess x 1 • Q Store x 1 • Training room x 1 • Vehicle parking x 1 for white fleet or limited numbers of light military vehicles only • Helicopter landing sites x 1 • Engineering services/utilities: • Electricity (lighting, power, generator, solar, UPS) • Hydraulics (potable water, water heaters gas/electric, ablution fittings and fixtures) • Sewerage (sewer connection, transfer, grease traps) • ICT/communications (DRN, DSN, telephony, unclassified mobile telephone/internet reception) • Fire protection (detection, fire hose reels, hydrant system) • Mechanical (air conditioning, BMS, ventilation/fans, extraction, air quality).
<p>Stage 5: Vehicle parking and maintenance facilities</p>	<p>Vehicle maintenance facility</p> <ul style="list-style-type: none"> • Car parking for light, heavy and armoured military vehicles <p>Secondary vehicle maintenance facility</p> <ul style="list-style-type: none"> • Vehicle maintenance facility (overhead shelter, concrete floor to Military Load Class 70) • Overhead gantry crane 10t x 1 • Generator shed x 1 (bundled floor) • Adjacent parking for L2 vehicles x 10 • Maintenance facility to service: • Heavy vehicle bays x 8 • Engineering services/utilities: • Electricity (lighting, generator)
<p>Stage 6: Vehicle wash facilities</p>	<p>Combined vehicle wash facility</p> <ul style="list-style-type: none"> • Combination ground level and ramp washing facilities with drive on/off steel ramps • Concrete waste water pits • Waste water capture and recycling • Hand operated high pressure cleaning equipment (manual) • Access road and apron pavements • Parking and preparation areas. <p>Heavy vehicle wash facility</p> <ul style="list-style-type: none"> • Ground level washing lanes with drive on/off steel ramps

Scope of work	Description
	<ul style="list-style-type: none"> • Control room • Pump room • Concrete waste water pits • Waste water capture and recycling • High pressure cleaning equipment (manual) • Access road and apron pavements • Parking and preparation areas. <p>Light vehicle wash facility</p> <ul style="list-style-type: none"> • Ground level washing lanes with drive on/off steel ramps • Toilet block • Concrete waste water pits • Waste water capture and recycling • Hand operated high pressure cleaning equipment (manual) • Access road and apron pavements • Parking and preparation areas • Engineering services/utilities: • Electricity (lighting, power, generator) • Hydraulics (potable water, water heaters, ablution fittings and fixtures, emergency deluge/eye wash, surfactant separation) • Sewerage (sewer connection) • Mechanical (BMS, ventilation/fans, extraction).
<p>Stage 7: Urban Operations Live Facility (UOLF)</p>	<p>Tier 3 UOLF/UOTF facility</p> <ul style="list-style-type: none"> • Tier 3 UOLF facility incorporating: • Residential zone • Office/urban zone • Sporting zone • Hospital/medical zone • School zone • Market zone • Shanty town (area allocation only) • City centre zone • Government compound • Rural zone • Cemetery • Live fire zone • Exercise Control Centre • Engineering services/utilities: • Electricity (lighting, power, generator, closed-circuit television (CCTV), audio visual) • Hydraulics (potable water, water heaters, ablution fittings and fixtures) • Sewerage (sewer connection) • ICT/communications (DRN, DSN, telephony) • Fire protection (detection, fire hose reels, hydrant system) • Mechanical (air conditioning, BMS, ventilation/fans, extraction, air quality). <p>Exercise debrief facility</p> <ul style="list-style-type: none"> • Exercise debrief building x 1 • Engineering services/utilities: • Electricity (lighting, power, UPS) • Hydraulics (potable water, water heaters, ablution fittings and fixtures) • Sewerage (sewer connection, transfer) • ICT/communications (DRN, DSN, telephony)

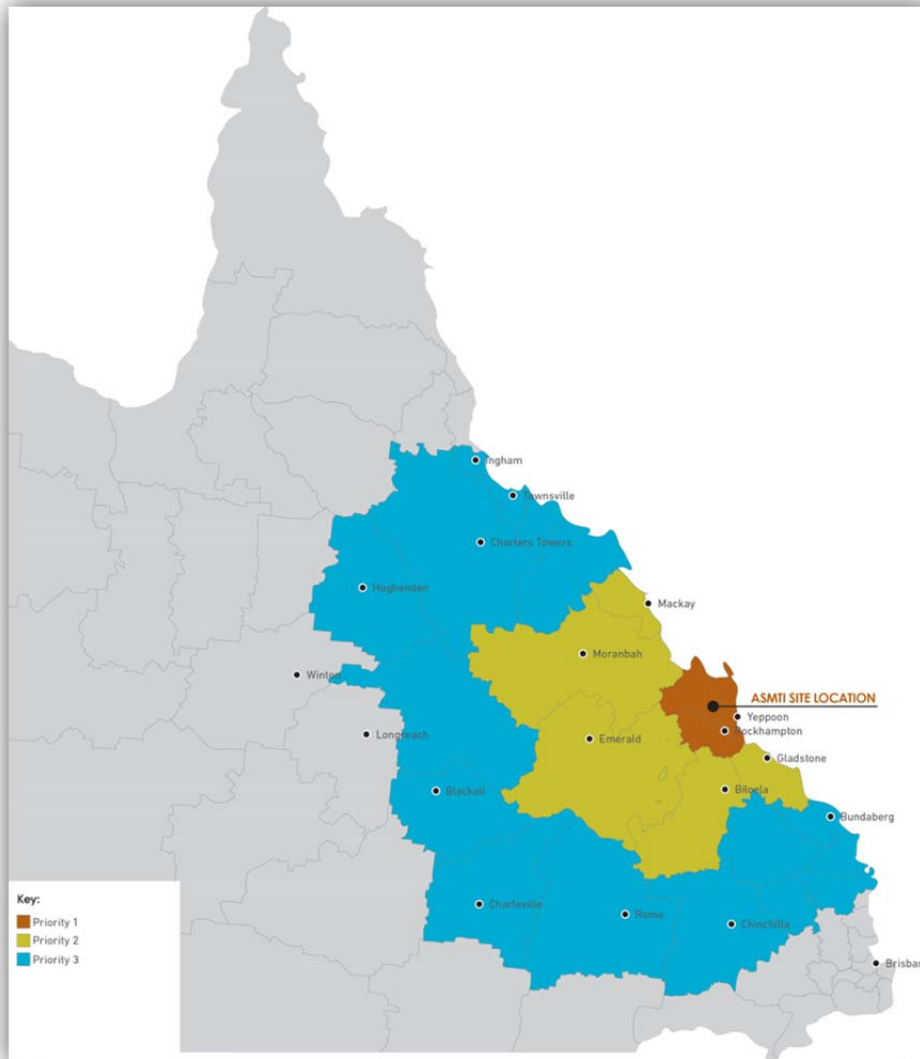
Scope of work	Description
	<ul style="list-style-type: none"> • Fire protection (detection, fire hose reels, hydrant system) • Mechanical (air conditioning, BMS, ventilation/fans, extraction, air quality).
Stage 8: Combined Arms Air-Land Fire Range (CAALR)	<ul style="list-style-type: none"> • Control building x 1 • Target maintenance shelter x 1 • Waiting area shelter x 1 • AFV-MBT static firing platform x 1 • Firing point x 4 • Explosive ordinance storage bay x 2 • Target hardware • Engineering services/utilities: • Electricity (lighting, power, solar, security) • Hydraulics (potable water) • Sewerage (septic systems, grey water) • ICT/communications (DRN, DSN, telephony, targetry support infrastructure) • Fire protection (detection, fire hose reels, hydrant system) • Mechanical (BMS, ventilation/fans, extraction, air quality).
Stage 9: ICT infrastructure	<p>Camp facilities</p> <ul style="list-style-type: none"> • ICT infrastructure for unclassified 3G coverage • ICT infrastructure in support of defence networks DRN,DSN • ICT infrastructure in support of the Training Area Safety Communication System • Telephony infrastructure • Engineering services/utilities: • Electricity (lighting, power, UPS, security) • ICT/communications (DRN, DSN, telephony, unclassified 3G telephone/internet reception) • Fire protection (detection, fire hose reels, hydrant system). <p>Field facilities</p> <ul style="list-style-type: none"> • ICT infrastructure compatible with the JP2047 terrestrial communications system including: • Support of live virtual constructive (LVC) wrap-around training • Primary communications node • Primary LVC communication towers • Nodes for weapon system emulation • Communications towers providing coverage of the manoeuvre area • Provision to incorporate Military temporary infrastructure • ICT infrastructure in support of defence networks DRN,DSN • ICT infrastructure in support of the Training Area Safety Communication System • Engineering services/utilities: • Electricity (lighting, power, UPS, solar, security) • ICT/communications (DRN, DSN, telephony).
Stage 10: Bulk logistics node	<ul style="list-style-type: none"> • Administration building x 1 • Receipt and issue building x 1 • Processing building x 1 • Security shelter x 2 • Engineering services/utilities: • Electricity (lighting, power, UPS, security) • Hydraulics (potable water, water heaters, ablution fittings and fixtures) • Sewerage (sewer connection, transfer) • ICT/communications (DRN, DSN, telephony)

Scope of work	Description
	<ul style="list-style-type: none"> • Fire protection (detection, fire hose reels, hydrant system) • Mechanical (Air-conditioning, BMS, ventilation/fans, extraction, air quality).
Stage 11: Beach landing site pier	<ul style="list-style-type: none"> • Construction of one 50m-long non-tidal dependant pier.
Stage 12: Coast / littoral village	<ul style="list-style-type: none"> • Construction of coastal village.
Stage 13: Medical facilities	<p>R1 medical facility</p> <ul style="list-style-type: none"> • Entry/reception • Accommodation • High dependency ward • Heat Illness ward • Break-out, staff, meeting rooms • Consult rooms • Low dependency and outdoor circulation • Medical/general store • Covered ambulance bay x 1 • Helicopter landing site x 1 • Engineering services/utilities: • Electricity (lighting, power, generator, UPS) • Hydraulics (potable water, water heaters, ablution fittings and fixtures) • Sewerage (sewer connection, transfer) • ICT/communications (DRN, DSN, telephony) • Fire protection (detection, fire hose reels, hydrant system) • Mechanical (air conditioning, BMS, ventilation/fans, extraction, air quality). <p>Deployable medical facilities</p> <ul style="list-style-type: none"> • All-weather gravel hardstand approximately 300m2 • Concrete hardstand approximately 200m2.

2.4 Local Participation

The ASMTI Facilities Project has a keen focus on local industry participation, and proposals are requested from consultants on ways that a greater than 65% involvement can be achieved locally, such as partnering with local Small and Medium Enterprises (SME), and the like.

Local has been defined as within all the priority areas 1, 2 or 3 on the map below:



2.5 About the Consultant Appointment Process

Planning Phase – 5% MPFR

Laing O’Rourke has already engaged a consultant team to progress the design to 5% MPFR as outlined below, therefore this DOES NOT form part of this prequalification or any subsequent tender.

Task	Key Inputs	Output
5% Master Plan and Feasibility Report (MPFR)	<ul style="list-style-type: none"> Managing Contractor Contract (MCC) Brief Defence Estate Quality Management System (DEQMS) Preferred master plan options 	<ul style="list-style-type: none"> 5% MPFR 5% MPFR design documentation Site-selection and range siting matrices Updated Cost Plan (P50 probabilistic estimate of cost confidence)

Planning Phase – 30% CDR

This prequalification and any subsequent tender DOES include the **provision of services** to progress the design to 30% CDR.

Task	Key Inputs	Output
30% Concept Design Report (CDR)	<ul style="list-style-type: none"> • MCC Brief • 5% MPFR • Preferred master plan option • 5% MPFR value management outcomes • 5% MPFR risk management outcomes • Site Selection Board (SSB) and Range Siting Board (RSB) endorsement • User and stakeholder comments on 5% MPFR 	<ul style="list-style-type: none"> • 30% CDR • 30% design documentation • Updated Cost Plan (P80 probabilistic estimate of cost confidence) • Updated scope item purpose and objectives

Delivery Phase – 100% FDR

This prequalification and any subsequent tender DOES include a requirement to provide **indicative fees** relating to the provision of services to progress the design through 50% SDR, 90% DDR and 100% FDR as outlined below. We would note that these fees are indicative only at this stage, however with the intent to confirm and / or adjust these fees with the successful tenderer for 30% CDR design (at completion of this milestone) to complete these further works.

Task	Key inputs	Output
50% Schematic Design Report (SDR)	<ul style="list-style-type: none"> • 30% CDR • MCC Brief • Value management outcomes • Risk management outcomes • User and stakeholder comments on 30% CDR 	<ul style="list-style-type: none"> • 50% SDR • 50% design documentation • Updated Cost Plan • Updated delivery programme • Updated scope item purpose and objectives
90% Detailed Design Report (DDR)	<ul style="list-style-type: none"> • 50% SDR • MCC Brief • Value management outcomes • Risk management outcomes • User and stakeholder comments on 50% SDR 	<ul style="list-style-type: none"> • 90% DDR • 90% design documentation • Updated Cost Plan • Updated delivery programme • Updated scope item purpose and objectives
100% Final Design Report (FDR)	<ul style="list-style-type: none"> • 90% DDR • MCC Brief • Value management outcomes • Risk management outcomes • User and stakeholder comments on 90% DDR 	<ul style="list-style-type: none"> • 100% FDR • 100% design documentation • Final Cost Plan • Final delivery programme • For construction documentation

RETURNABLES

The following sections are to be completed and returned. They are broken into:

SECTION 3: GENERAL COMPANY INFORMATION

General information relating to your company regardless of which Work Package you are interested in tendering on and are to be completed only once.

SECTION 4: WORK PACKAGE SPECIFIC INFORMATION

Specific information relating to your company's capability and experience in relation to a specific Work Package you are interested in tendering on as per Section 1, and should be completed for each Work Package to demonstrate your capability specific to that Work Package. This may be done by copying and pasting the section per discipline within this same document i.e.

- Civil (*regardless of which package just complete once*)
- Electrical
- Structural (*regardless of which package just complete once*)
- Mechanical
- Hydraulic
- Geotechnical
- Fire
- Acoustic
- Building Certification
- Architectural
- Quantity Surveying & WOL
- Environmental
- Topographical & Services Location Surveying
- UXO
- Hazardous Areas
- Communications
- Security
- ESD
- Live Fire & Range Planning incl. Blast & Ballistics
- Simulation & Instrumentation
- Audio Visual
- Landscape Architecture
- Marine Engineering
- Heritage
- Economic Assessment

WEIGHTED CRITERIA

In order for Laing O'Rourke to determine the tender lists for the design packages outlined above, certain criteria of this Prequalification Questionnaire have been weighted and will be assessed for your company's capability to design and deliver the works. These sections will be marked with an asterisk (*weighted) and include:

Section 3: General Company Information – 45%

- Current and potential future workload
- Processes and systems
- Health, Safety and Environmental
- Quality Assurance

Section 4: Work Package Specific Information – 55%

- Relevant experience
- Local industry participation strategy including proposed supply chain
- Proposed resources and key personnel

Note: All information provided in this document will be treated commercial-in-confidence

3. GENERAL COMPANY INFORMATION

3.1 Company Details

Description	Response
Registered Company Name:	
ABN:	
Contact name & position:	
Contact telephone number:	
Contact Email:	
Street address (not PO Box):	
Name and address of ultimate parent company:	
Subsidiary and associate companies in Australia (name, address, relationship):	
Subsidiary and associate companies overseas (name, address, relationship):	
Is your company a trust? (Please provide details)	
Total number of directly employed staff and operatives in your company:	
Are you an Indigenous Owned enterprise?	
If we send you an enquiry for these works can you commit to provide the resource to submit a tender for the project?	

3.2 Turnover

Please provide the following summary of the tenderer's financial capacity over the past three financial periods:

Financial Year	Annual Turnover	Net Profit (after tax) as a %
2015 / 2016	\$	%
2016 / 2017	\$	%
2017 / 2018	\$	%

3.3 Current Workload (*weighted)

Please provide details of your current workload in Australia (specific to the office proposed to carry out the ASMTI Facilities Project works) including the approximate value of each contract and the estimated completion date.

Project & Location	Client & Contact Details	Contract Price	Contract Price Remaining	Date for Completion	Key Disciplines / Trades
		\$	\$		
		\$	\$		
		\$	\$		
		\$	\$		

3.4 Potential Future Workload (*weighted)

Please provide details of your potential future workload in Australia (specific to the office proposed to carry out the ASMTI Facilities Project works) including those contracts for which tenders have been submitted but not yet accepted or rejected including the approximate value of each contract and the estimated completion date.

Project & Location	Client & Contact Details	Approx. Value	Start & Completion Dates	Key Disciplines / Trades
		\$		
		\$		
		\$		
		\$		

3.5 Processes and Systems (*weighted)

3.5.1 Meeting Project Objectives

Describe in bullet format how your design is monitored against the Design Programme, Budget and Brief (limit 5 bullet points).

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3.5.2 Verification and Quality Assurance

Describe in bullet format how your design is checked and verified for Quality Assurance / Compliance (e.g. codes, standards, sector specific requirements) (limit 5 bullet points).

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3.5.3 Design Approval Process

Describe in bullet format how your design is approved for issue to external parties (limit 5 bullet points).

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3.5.4 Subcontractor and Supplier Designs

Describe in bullet format how designs from external sources including subcontractors and suppliers are checked and approved in your organisation (limit 5 bullet points).

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3.5.5 Digital Engineering and Building Information Model (BIM)

List briefly any arrangements made and protocols adopted by your organisation for the delivery of Building Information Model (BIM) which supports: (limit 5 bullet points).

- | | |
|---|-------------------------------------|
| ✓ Design Coordination and Clash Detection | ✓ Standardisation of design |
| ✓ (4D) Construction Planning & Timelines | ✓ Off Site Manufacture and Assembly |
| ✓ (5D) Scheduling / Quantity Take off | ✓ Object Libraries |
| ✓ Geometric Take-off | ✓ Virtual FM Asset Management |
| ✓ Sustainability analysis & simulation | |

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3.5.6 Collaboration

Describe how you manage your teams to proactively / collaboratively work with other project stakeholders (clients, operators, end users, authorities, suppliers, contractor delivery team and other designers) to improve design coordination and deliver holistic and optimised design solutions (limit 5 bullet points).

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3.6 Health, Safety and Environment (*weighted)

	Description	Response Yes / No
1.	Do you have a Health, Safety & Environment Policy?	
2.	Do you maintain a design risk assessment / risk register?	
3.	Do you have a Sustainability Policy?	
4.	Do you have a waste management strategy?	
5.	How do you ensure compliance with Safety in Design obligations? <ul style="list-style-type: none"> • • • 	

3.7 Quality Assurance (*weighted)

	Description	Response Yes / No
1.	Do you have a documented Quality Assurance / Management, H&S Management or Environmental Management System? If 'No', please go to Item 7	
2.	Are these systems Third Party certified? If Yes, by which Authority	
3.	What standard does your system conform to? (e.g. ISO 9001, ISO14001, OHSAS18001) Please provide a copy of conformance certificate(s)	
4.	What services are covered by the above registration?	

Description	Response Yes / No
5. Does your registration cover all of your premises? If No, please attach a list of those premises which are not covered by the certificate	
6. If you have a Quality Management System (QMS) in place but it has not been formally certified to ISO9001, do you intend to pursue this, and if so when do you anticipate achieving certification?	
7. If you have stated under Item 1 that you do not have a formal QMS system can you please clarify if you have formal Quality Controls in place? If Yes, please provide a brief explanation of these.	
8. Are records of audits available for inspection?	
9. Do you have a person responsible for Management Systems and Quality Accreditation?	

3.8 Anti-Bribery & Corruption

Does your organisation have a written code, procedure or policy addressing business ethics, anti-bribery and anti-corruption or related topics? If yes please provide details	
Have you read Laing O'Rourke's Code of Conduct and do you agree to follow and uphold the intent of the standards set out in the code? http://www.laingorourke.com/search.aspx?q=code+of+conduct	

3.9 Insurances

	Workers Compensation	Public Liability	Professional Indemnity
Insurer:			
Policy No:			
Expiry Date:			
Level of Cover:			
Maximum Cover*			

*maximum cover historically obtained for projects to date

3.10 Other Information

Please provide any other information that differentiates your organisation.

<ul style="list-style-type: none"> • • •

**THE FOLLOWING SECTION SHOULD BE DUPLICATED FOR EACH WORK PACKAGE
DISCIPLINE YOU ARE INTERESTED IN TENDERING ON
(COPY & PASTE)**

4. WORK PACKAGE SPECIFIC INFORMATION

WORK PACKAGE NO:	
WORK PACKAGE NAME:	

4.1 Relevant Experience (*weighted)

Please complete the details of three previous projects that your Company has undertaken during the last 3 years which demonstrates experience with a similar scope of works (**per work package discipline**) and any of the following:

- Defence / EMOS experience or equivalent
- Shoalwater Bay Training Area locality experience
- Complex multi-disciplined projects.

PROJECT 1	
Project Title:	
Client:	
Principle Contractor:	
Project Value:	
Nature of Commission / scope of work:	
Fee Value:	
Completion Date:	
Client Reference Details:	

PROJECT 2	
Project Title:	
Client:	
Principle Contractor:	
Project Value:	
Nature of Commission / scope of work:	
Fee Value:	
Completion Date:	
Client Reference Details:	
Client Reference Details:	

PROJECT 3	
Project Title:	
Client:	
Principle Contractor:	

PROJECT 3	
Project Value:	
Nature of Commission / scope of work:	
Fee Value:	
Completion Date:	
Client Reference Details:	

4.2 Local Industry Participation and Proposed Supply Chain Partners (Sub-consultants) (*weighted)

Describe in bullet format how you would propose to contribute to the projects local industry participation objective and what % involvement you believe you can achieve whilst undertaking the works:

-
-
-

Please outline how you would propose to expend resources in the local participation zones as outlined in Section 2.4 above:

Priority Area	Percentage of the Works
Priority Area 1 (Yeppoon & Rockhampton Areas)	%
Priority Area 2 (Mackay, Moranbah, Emerald, Gladstone Areas)	%
Priority Area 3 (Townsville, Charleville, Roma, Chinchilla Areas)	%
Rest of Queensland	%
Rest of Australia	%
Overseas	%

Please provide details of any proposed sub-consultants (Supply Chain) to be engaged to perform the Works, noting the project’s local participation requirements i.e. if you will need to supplement your team, ideally this would be done through Supply Chain partners within the local participation zones:

Supply Chain Partner	Proposed Scope of Work	Location	Proposed % Involvement

4.3 Proposed Resources & Key Personnel (*weighted)

Please provide details of key personnel that would be involved in the project in the table below and attach:

- A Curriculum Vitae for each (1 page maximum)
- A company management structure including leadership, technical and support roles (e.g. Organisational Chart)

Position, Name	Proposed Involvement in the Works	Current & Potential Future Workload & Availability	Relevant Qualifications & Other Relevant Experience (competency)
Design Director			
Project Technical Manager(s) / Leader(s)			
Digital Engineering Specialist (if applicable)			
Other role(s)			