

FSP INFRASTRUCTURE DEVELOPMENT PROJECT

INDUSTRY BRIEFING - 14 MARCH 2019

Q&A RESPONSES

NO.	QUESTION	LAING O'ROURKE RESPONSE
1	How much work is LOR prepared or committed to undertake themselves (ie. self-perform)?	As noted during the Industry Briefing the Works packaging strategy is currently indicative and will be subject to review against project evolving requirements and ultimately ANI approval. As part of that indicative package strategy Laing O'Rourke has not identified or committed to self-performing the Works or part thereof.
2	Will apprenticeships and traineeships employed by Group Training Organisations (GTOs) and hosted by partners (contractors) be as valued as those that are employed directly by the contractor?	As Managing Contractor Laing O'Rourke will unlikely employ operatives directly on site. As such all apprentices and trainees will be hosted via our trade and design partners. As part of its Industry Capability Plan, Laing O'Rourke will be developing a specific strategy targeted at maximising Apprenticeship and Trainee opportunities through the life of the FSP project. This will likely involve establishing project led targets for the supply chain and the establishment of collaborative relationships with GTO's to help facilitate and sponsor the transition of both apprentices and trainees across different packages and trade partners during the project lifecycle. Rather than develop this in isolation Laing O'Rourke we will be seeking the input from various Government and industry partners in the coming months.
3	Is there a comment on the article that was in the Australian on the weekend regarding Laing O'Rourke not being able to operate in QLD?	The Queensland Building and Construction Commission (QBCC) advised its decision to suspend Laing O'Rourke's builder licence in Queensland on Friday 8 March 2019. While Laing O'Rourke strongly disagreed with the decision to suspend, the business worked closely with the QBCC to ensure the matter was resolved quickly, demonstrating compliance with all necessary requirements and on Wednesday 13 March the QBCC notified Managing

- Director, Cathal O'Rourke of its decision to remove the suspension. The business has no outstanding creditors, a strong cash position and continues to operate profitably, holding building licences in all other jurisdictions across the country.
- 4 How does Building Code 2016 compliance effect a supplier of training services if at all? Building Code 2016 compliance is a requirement for those services which are defined as 'Building Works', in some cases this may include training services. Laing O'Rourke recommends you visit www.abcc.gov.au for further information pertaining to the definition of 'Building Works' under Building Code 2016 and how it may apply to your specific area of interest. Should you still have questions, please refer to the Industry Capability Network whom is working closely with the ABCC locally in Adelaide and will be able to provide guidance for your specific offering and/or service as it applies to this project.
- 5 What construction category will this project be working to i.e CC3? It is likely that the construction category will fall under CC3 but this is not confirmed at this early stage of design.
- 6 What are your goals for Australian made products? Laing O'Rourke is committed to maximising Australian content on the FSP Project.
- 7 What's the project workforce participation requirement and is nationality of workforce part o prerequisites? The project will establish Workforce Participation Objectives, ensuring we maximise participation of a broad and diverse range of persons. Each Trade Partner required to be compliant with Building Code 2016 will be required to ensure compliance with Section 11 F – Employment of persons undertaking Building Works. It is likely Security Clearance requirements will exist for a portion of the Works, persons requiring Clearance will need to meet and comply criteria set by the Australian Government Security Vetting Agency (AGSVA).
- 8 Do all sub contractors and labour companies need to have the building code 2016? Building Code 2016 compliance is a requirement for those services defined as 'Building Works'. Trade Partners will need to comply with this requirement to participate on the FSP Project. Laing O'Rourke recommends you visit www.abcc.gov.au for further information pertaining to the definition of 'Building Works' under Building Code 2016 and how it may apply to your specific area of interest. Should you still have questions, please refer to the Industry Capability Network whom is working closely with the ABCC locally in Adelaide and will be able to provide guidance for your specific

- offering and/or service as it applies to this project.
- 9 If not working on site and only supplying product directly or indirectly is the build code 2016 compliance still required? Building Code 2016 compliance is a requirement for those services defined as 'Building Works'. Trade Partners will need to comply with this requirement to participate on the FSP Project. Laing O'Rourke recommends you visit www.abcc.gov.au for further information pertaining to the definition of 'Building Works' under Building Code 2016 and how it may apply to your specific area of interest. Should you still have questions, please refer to the Industry Capability Network whom is working closely with the ABCC locally in Adelaide and will be able to provide guidance for your specific offering and/or service as it applies to this project.
- 10 Will interstate trade partners be considered? This is an Australian Government project and of significant size, scale and importance. As such Laing O'Rourke wants the very best Trade Partners possible, which may include both local and interstate companies.
- 11 Do you have preferred electrical contractors that you work with? Laing O'Rourke does not have any 'preferred' trade partners on the FSP project.
- 12 When will the package of mechanical service for precincts released? The package timeframes at this stage is still indicative and currently expect to release these in approximately Q3/Q4 2019 for Expressions of Interest (EOIs). Following shortlisting it is likely an RFT would be released in Q1 2020 for this package.
- 13 How much of the planned work will LOR be self performing? See response to Item 1
- 14 Will there be an opportunity to receive materials via the nearby rail line? At this stage there is no plan to utilise the freight line running adjacent to the site.
- 15 What happened to Phil's leg? Unfortunately, Phil suffered injury to his knee following a nasty fall on holidays in January. We can confirm he is well and truly on the on the mend.

- 16 Additionally, a project of this size will generate an enormous amount of digital data, I am specifically interested in CAD. Who will manage that data and how will suppliers access that data? Will the suppliers be required to submit updated CAD files for example as part of their SOW?
- Access to data and 3D models will be via the integrated management system. Laing O'Rourke's Digital Engineers will manage the incoming data provided to the project by suppliers, sharing of relevant data will be via formal distribution on Aconex and updated CAD files linked to the 3D models will be required to drive the digital requirements. e.g. where applicable the 3D model is the primary 'container' of digital information (3D geometry and textual data). 2D CAD drawings will be expected to be produced from the 3D model so the information is consistent across 3D models and outputs of 2D CAD drawings. Various cloud hosting systems are being investigated to host 3D model information e.g. BIM360, for collaborative working across suppliers.
- 17 What is the scale of the wharf/wharf support building package and indicative size of the wharf?
- The Wharf/Wharf Support building form part of Phase 2 works and will be delivered late in the program to align Capability requirements. As such design concepts are at a very early stage for these Works, therefore we are unable to advise the probable details or sizing of this element of scope. As soon as we are in a position to communicate this element of the Works, we will look to engage with Industry via ICN and/or future industry briefings.
- 18 What if any impact of LORs Qld licence problems?
- See Response to Item 3
- 19 Can more than one email address be used to receive correspondence?
- Yes - please contact ICN customer services for further assistance.
- 20 Do you have industry participation objectives?
- Laing O'Rourke has developed an Industry Capability Plan for the FSP, which incorporate our high-level strategy and objectives. This covers Australian Content, Local Industry, Trainees and Apprentices, Social Procurement, STEM and University Program.
- Laing O'Rourke's project leadership, specifically Brad Eathorne and Spiros Tsakonas will be responsible for setting our specific targets that will be communicated with and cascaded to our partners.
- 21 Does the Cwth guaranteed payments structure extend to tier 2 & 3 suppliers? How?
- Trade and Supply Partners undertaking Reimbursable Works will be paid via the Trust Account and will submit a Statutory Declaration to confirm that they have paid their workers and suppliers. Each partner will be required to comply with both State Legislation

and provisions of the Building Code 2016 relating to the Security of Payment for Tier 2 and 3 partners.

- 22 Will the building works require Commonwealth Hand Over Take Over (CHOTO) documentation? The project will not form part of the Defence Estate, therefore the requirements of CHOTO are not applicable for the FSP Project. There is however a requirement for commissioning and handover deliverables to be developed, submitted and approved which will form part of a CHOTO like requirement. This however has not yet been defined and will be subject further workshops with ANI and other stakeholders.
- 23 When will further facilities be built for the expansion of the Naval College? Currently this scope is not part of this project.
- 24 What CAD platforms will be used? Is it mainly Revit based? Will sub-contractors be required to manage the as built drawings for their packages of work etc? The CAD platform (2D) will be Autocad and the 3D model software predominantly Revit based (for buildings) and 12D (for civil infrastructure) and subcontract trade and design partners will be required to manage all their own internal as built data in digital format. The level of detail and requirement will be specific to each package and further detail will be provided in the tender documents. Primary elements of the project will be updated in the verification 3D model and new as built drawings produced. This process and access to data will be developed in the tender documents.
- 25 The Laing O'Rourke slides showed the bitumen tanks as part of ASC south. Will they be acquired? What is planned for these? The site boundaries for the Osborne Naval Shipyard, specifically ASC South were indicative and may not have represented an accurate delineation or extent of site.
- 26 We're a small subcontractor with basic digital engineering skills. Could LOR help us get to next level? Laing O'Rourke, through the collaborative nature of the project will establish an approach to support relevant trade partners in developing their digital skills and workflows through project delivery. We took an action from the Industry Briefing to develop an Industry Development Strategy focused on Digital Engineering. Rather than develop this in isolation Laing O'Rourke we will be seeking the input from various Government and industry partners in the coming months. Expect further information to be shared with Industry via ICN.

- 27 Will the future subs yard include office accommodation and if so, what size?
- The Permanent facilities will contain office facilities across both Phase 1 and 2 specific to the relevant functions undertaken within the facilities. Phase 1 will contain facilities to accommodate <350 people, Phase 2 scope remains under development.
- The temporary office and welfare facilities required for construction are being planned around number of personnel approximately 450 (400 operatives and 50 management personnel) at peak from Phase 1. This number may peak at around 1000 (880 operatives and 120 management personnel) upon the introduction of Phase 2.
- 28 Does your TPAP lends itself to providers of a service?
- The Trade Partner Activity Proposal (TPAP) is focused at those providing a service, rather than a product. Laing O'Rourke will develop specific questions it would like Trade Partners to respond to as part of their proposal, this should be unique to what, why and how partners intend to execute their Works.
- 29 How does apprenticeship apply to design services Consultants?
Re: rft weighting criteria
- Rather than apprenticeships for design partners this would translate to graduates and cadets as applicable to their business offering. Developing Industry is a key objective for Laing O'Rourke and are looking for partners to embrace this important agenda.
- 30 Please comment on how ANI, KBR and Laing O'Rourke will manage program risk overall. Not just WHS.
- Laing O'Rourke will work collaboratively with our client ANI as well as our design and trade partners to identify, eliminate and/or mitigate direct and indirect project risks to achieve objectives. Key to ensuring risk is effectively managed, will be our open and transparent communication lines with our partners at all levels, whilst ensuring all risks are regularly reviewed, ownership and accountability is clear and are being managed in accordance with the approved management plans and risk management processes.
- 31 What's the criteria of industry evaluation? Is it targeted at each specific trade partner and open for their access?
- There are mandatory criteria in relation to submission of price and Building Code 2016 compliance to ensure your offer is conforming. The non-priced criteria will be trade specific, and will be outlined within information provided to the tenderer. These are likely to be as per those mentioned in the Industry Brief. The variable will be the weighting for each criteria, which will be package specific and relate to our measure view of risk and value associated with that package of Works.

		Hint: Review the Project Objectives, Laing O'Rourke Objectives and Lessons Learnt to gain insight to what is to be achieved and how you and your business may contribute to its success. Then listen at the future Industry Briefs for any new information. This generally defines your value
32	How can a business, not directly involved in the construction get involved, eg: finance, security, marketing, etc?	There will be many opportunities for other ancillary or non-construction related businesses to become involved with the project. Generally, this will be via other trade partners who are selected for the delivery of the works. Stay informed via the ICN Portal and keep your profile up to date so that ICN can connect your business with those with a demand for your services.
33	How you going about providing emergency response capability and facilities during construction phase?	Capability will be provided through Laing O'Rourke's management systems, this specific risk will be assessed further as we progress through the planning phase and prior to the commencement of Construction.
34	Will all works packages be released through the ICN gateway?	Yes - please register and keep an eye on the ICN portal.
35	When will RFP for phase 1 buildings be put out for design services Consultants and architects?	KBR are our Design Partners works and will coordinate any sub-consultant requirements for the Works. There may be future Independent Verification, specific disciplines, Temporary Works and/or Design & Construct offerings requiring consultant input, however this is likely to be minimal for Phase 1 works.
36	How many tonnes of structural steel are required in the construction of the buildings?	The design is still being finalised so unable to provide with an exact figure, however likely to be >10,000 across Phase 1 and 2.
37	Will all communication come through the ICN portal or can we contact you direct for information?	Please use the ICN Portal or the project Email address to contact the team: (FSPID.Osborne@laingorourke.com.au)
38	Will today's presentation be available to attendees?	Yes - information from the Industry Briefing has been made available at the project's ICN Portal.
39	Will a copy of presentation be made available to attendees?	See Item 38
40	Will the presentations be available after the briefing?	See Item 38

41 What training needs can we help you with?

As noted in the Industry Briefing, Laing O'Rourke has identified various areas of development that may be offered for Industry in preparation the project. These were identified as Building Code 2016, Next Gear training and Digital Engineering upskilling.

Future training opportunities are likely to be required as a direct result of our Industry Capability Plan and associated Strategy, mentioned above in Item 2 and 20 specifically.