

Expression of Interest

Koodaideri Project – Phase 1

- Project Overview:** The Koodaideri Project (Project), consists of the development of a new iron ore mine located approximately 110km west-northwest of Newman in the Pilbara Region and associated rail infrastructure which extends from the Koodaideri mine to Rio Tinto's existing rail network at Lyre.
- The mine will include dry crushing and screening plant, non-process infrastructure, product stockyards, rail loop and load-out and rail link to Rio Tinto's main rail line.
- Package Title:** **220kV Substation**
- Package Reference:** **KD1/E/CC/1607**
- Package Description:** The scope of work is for the design, engineering, supply, procurement, manufacture, factory testing, site construction and installation, testing and commissioning of the 220/33 kV bulk supply substation on a turn-key basis. This substation is located south of the Koodaideri mine and connected to RTIO Juna Downs 220kV substation and Yandi 220kV substation via a loop-in loop-out 220kV overhead transmission line.
- The scope will also include integration into RTIO's existing network and systems, and modification of protection settings for the 220kV transmission line in both Juna Downs and Yandi substations.
- Specific Scope Requirements:** Contractors wishing to be considered must be able to demonstrate their ability to complete the following tasks:
- ensure the scope can be delivered to the highest standards of health and safety, with zero harm to people and environment;
 - demonstrate the successful completion of similar projects on a full turn-key basis;
 - demonstrate extensive experience and capability in the design, procurement/manufacture, construction and commissioning of transmission substations at voltage level of 220kV or above;
 - demonstrate extensive experience and strong capability in transmission substation primary and secondary designs;
 - demonstrate procurement and fabrication capabilities to meet Project quality and programme requirements;
 - demonstrate project management, quality control and engineering capabilities to meet all deliverable requirements;
 - familiarity with and the ability to fully comply with the technical requirements of RTIO specifications;
 - familiarity with and the ability to fully comply with RTIO site and operation requirements;
 - demonstrate experience and familiarity with working in a remote resource environment, especially in the Pilbara region of Western Australia; and
 - demonstrate ability to provide spares and after sales service support.

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- Forecast Award Date:** May 2019
- Package-Specific Criteria:** Ability to design and supply the turn-key delivery of a greenfield 220/33kV bulk supply substation for the Project to the design data as specified in the equipment datasheets, technical specification, scope of work and other requirements stated in contract documentation.
- Expression of Interest:** Suppliers and contractors are invited to express an interest in this scope of work by registering on the ICN Gateway online platform. Please ensure;
- The company profile on ICN Gateway is complete, up-to-date and accurate;
 - Interest is registered as full-scope or partial-scope supplier (where applicable); and
 - Responses to the generic pre-qualification criteria (questions) via the ICN Gateway, is provided.
- EOI Commencement Date:** 21 November 2018
EOI Closing Date: 19 December 2018
- Contact:** Industry Capability Network of Western Australia. (+618) 9365 7556
- More information about Pilbara projects at Rio Tinto is available at <http://www.riotinto.com/australia/pilbara-4691.aspx>
- Disclaimer:** *This package description and target award date is indicative only and subject to change. It is intended to provide a brief outline only of certain works that may be required for proposed Rio Tinto projects and should be read in conjunction with the Rio Tinto project description on ICN Gateway. Full scopes of work will be made available to parties invited to tender. There is no undertaking to contract or proceed to a competitive process implied by this form. Further contact with interested suppliers will be at Rio Tinto's discretion.*