

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 HV Overhead Lines**

Package Reference: **KD1/E/CC/1606**

Package Description: The scope of work is for the design, engineering, procurement, manufacture, fabrication, site construction and erection, testing and commissioning of the entire 220kV overhead transmission line on a turn-key basis. This greenfield transmission line will feed a new 220kV bulk supply substation located at the Koodaideri mine and connect to the existing RTIO 220kV network via a tie-in point from the existing Yandi to Juna Downs 220kV overhead transmission line approximately 20km south to Koodaideri.

The scope also includes surveying, all civil and earth works for foundations and tracks and line cutover.

Specific Scope Requirements: Contractors wishing to be considered must be able to demonstrate their ability to complete the following tasks:

- demonstrate extensive experience and strong capability in the design, fabrication and construction of overhead transmission lines at voltage level of 220kV or above;
- demonstrate extensive experience and strong capability in safe erection and stringing of high voltage transmission lines;
- demonstrate strong capability to plan, coordinate and execute line cutovers safely, effectively and efficiently under stringent time constraints;
- ensure the scope can be delivered to the highest standards of health and safety, with zero harm to people and environment;
- demonstrate procurement and fabrication capabilities to meet Project quality and programme requirements;
- demonstrate the successful completion of similar projects on a full turn-key basis;
- 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

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resource environment, especially in the Pilbara region of Western Australia;

- be self-sufficient in all aspects of the delivery; and
- demonstrate ability to provide spares and after sales service support.

Forecast Award Date: May 2019

Package-Specific Criteria: Ability to design the turn-key delivery of an approximately 20km long, double-circuit 220kV overhead transmission line to the design data as specified in the equipment datasheets, technical specification, scope of work and other requirements stated in contract documentation.

Generic Pre-Qualification Requirements: Attendance of a compulsory site visit.

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.*