

# 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:**

**33kV Power Network Control System**

**Package Reference:**

**KD1/J/CC/1626**

**Package Description:**

The 33kV Power Network Control System Package covers the following scopes:

- design, supply, manufacture, program, test, and transport complete 33kV Remote Terminal Unit (RTU) and Human Machine Interface (HMI) panels;
- configure the HV protection Intelligent Electronic Devices (IEDs) supplied by other contractors (includes protection devices and relays associated with a switchgear or circuit breaker) and other associated devices;
- conduct an integrated FAT with the 33kV switchrooms and kiosks package vendor in Perth, Western Australia;
- on Site works (schedule of rates) to perform Site Acceptance Tests (SAT), high voltage recloser configuration and commissioning of the 33kV Power Network Control System;
- assist on Site (schedule of rates) with the testing and integration of third party supplied equipment and control systems, and liaise with third parties as necessary to facilitate the completion of the Works; and
- develop and conduct an integrated training program for Company personnel.

**Specific Scope Requirements:**

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

- demonstrate experience of successful completion of similar projects;
- demonstrate capacity and capability to achieve Project schedule requirements;
- demonstrate that the goods supplied will be of high quality and standards that meet or exceed the Project quality requirements and specifications; and
- demonstrate ability to supply and support digital data in regards data centric delivery during the Project execution phase and later to support the operation and maintenance of the equipment.

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**Forecast Award Date:** January 2020

**Package-Specific Criteria:** Ability to design and supply the equipment 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:** As per (draft) Selection Criteria

**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:** 10 October 2019

**EOI Closing Date:** 24 October 2019

**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.*