

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:

Plant E&I Installation

Package Reference:

KD1/E/CC/1612

Package Description:

The scope of works is for the supply, installation and testing of electrical, instrumentation, HVAC and communication services to complete materials handling facilities, power distribution and non-process infrastructure (NPI) including:

- primary crushing;
- coarse ore storage;
- dry screening;
- secondary crushing;
- plant and stockyard conveyors;
- interface with the rail mounted mobile machines;
- sampling plant;
- train load-out;
- electrical switchrooms and kiosks;
- central, fixed plant and inpit facilities;
- borefields pump and booster stations;
- radio base stations; and
- village interface.

Specific Scope Requirements:

Suppliers wishing to be considered must be able to demonstrate their ability to complete the following tasks and have the appropriate skills and capabilities to perform the following:

- installation, connection, testing and commissioning of high voltage (HV) and low voltage (LV) switchgear, HV and LV variable speed drives;
- supply and installation of all Plant lighting, lighting masts, swivelpoles and support bracketry for distribution boards and panels;
- supply and installation of all buried earthing conductors, electrodes, lightning protection conductors and finials;
- supply and install cable ladders, covers and supporting brackets for the installation of HV and LV cables along conveyors and in Plant buildings for power, instrumentation and controls cables;
- install and terminate HV cables from HV transmission lines to HV switchboards, from HV switchboards to field equipment including HV motors and dead end boxes of rail mounted equipment in

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accordance with RTIO and Australian standards – these cable installations may be above or below ground;

- install and terminate all LV and control cables to LV motors and field equipment and panels;
- supply and installation of materials handling process control instrumentation and cabling including testing, calibration and commissioning of instrumentation equipment including remote input/output cabinets (I/O);
- supply and installation of communication services including all telecoms equipment, optical fibre and copper cables to process controls equipment and field I/O panels, network panels, telecoms equipment and CCTV equipment within the Plant and NPI areas of the project;
- demonstrate from previous projects, the capability to meet or exceed Project quality requirements and specifications;
- demonstrate that the scope can be delivered to the highest standards of health and safety, with zero harm to people and environment;
- demonstrate experience of successful completion of similar projects;
- demonstrate capacity and capability to achieve Project schedule requirements.

Forecast Award Date: May 2020

Package-Specific Criteria: Resume's of HV cable terminators and jointers available to perform this work will be required with relevant experience.

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: 29 August 2019

EOI Closing Date: 26 September 2019

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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.