

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:** Rail Communications - RBS Construction & Integration
- Package Reference:** KD1/E/CC/1317
- Package Description:** Rail Base Stations Design & Construct
- Specific Scope Requirements:** Suppliers wishing to be considered must be able to demonstrate their ability to supply, design detailing, procure, install, integrate, test and commission:
- seven (7) Rail Base Stations (RBS) site including earthworks required to construct the RBS civil pads, earthing system, RBS tower design, construction and erection;
 - analogue voice mobile radio at the 7 x RBS sites in two stages;
 - temporary citizen band (CB) radio at the 7 x RBS sites;
 - WiMAX at the mine RBS only;
 - wiring for the Rio Tinto's data network;
 - CCTV and access system at the mine RBS only;
 - Multi Label Switching(MPLS) based transmission system to carry analogue voice as data packets to the 7-Mile voters;
 - all necessary components to allow the upgrading of the existing Dense Wavelength Division Multiplexing (DWDM) unit at Ti Tree RBS to allow the Koodaideri line to be commissioned;
 - a new DWDM optical amplifier node at KD264 RBS including but not limited to supply of any material to complete the work;
 - microwave link between Mt Louis and Camp Pelican; and
 - Real Time Kinematic (RTK) GPS system to support construction activities;

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Forecast Award Date: February 2019

Package-Specific Criteria: Suppliers wishing to be considered must be able to demonstrate their ability to manage and undertake works:

- within asbestos contaminated areas and in compliance with legislative requirements; and
- in accordance with client requirements for indigenous content.

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: 22 September 2018

EOI Closing Date: 6 October 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.*