

Expression of Interest

Koodaideri Project – Phase 1

Project Overview:	<p>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.</p> <p>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.</p>
Package Title:	Advanced Ore Tracking System
Package Reference:	KD1/J/SM/2106
Package Description:	<p>The Advanced Ore Tracking (AOT) System Package covers the following scopes:</p> <ul style="list-style-type: none">• design, supply, program and test the AOT System that tracks ore attributes from the primary crushing area to the stockyard stockpiles, whilst maintaining the integrity of ore parcels' attributes;• supply the AOT licences, software and hardware;• commission the AOT system at Site (schedule of rates);• assist (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:	<p>Contractors must be able to demonstrate their competency in the following areas:</p> <ul style="list-style-type: none">• demonstrate capability to design, program, test and commission Advanced Ore Tracking Systems;• demonstrate capability for the supply of an AOT that can communicate with the process plant SCADA system (Schneider Electric Citect 2018 or higher) and process plant control system PLCs (Schneider Electric M580 PLC platform);• demonstrate capability to interface with other third party control systems;• demonstrate capability to implement the best practice in user interface design in compliance with ISA-101 standards;• demonstrate capability to design industrial networks with a focus on fault tolerance and cyber security;• demonstrate capability to provide spares and service support the supplied equipment;• demonstrate capability for the management of sub-contracts;• demonstrate experience of successful completion of similar projects ;

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- demonstrate capacity and capability to achieve Project schedule requirements as agreed with the Company;
- 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.

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: 14 October 2019

EOI Closing Date: 25 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.*