



# South of Embley project

## Expression of interest

## Site Communications

Package Number: 25977-000- HC1-EFK0-00005

Package Title: Site Communications

### General Description

The South of Embley project involves the establishment of a new mine and infrastructure located around the Boyd Point region approximately 40 Km south west of Weipa.

To facilitate the construction of the new mine, a new access road will be constructed from Hey point to the site at Boyd Point. During the construction period, communication services will be required along the access road corridor and within the Boyd Point precinct of the Project.

A head contractor will be engaged to design, supply, install and commission the following systems within the telecommunications package:

- UHF TETRA Radio System
- Microwave Links
- Fibre Optic Network along the Mine Access Road
- Cisco LAN Equipment
- Construction Wifi
- AM/FM Rebroadcast System
- VHF Marine and Aeronautical Band Radio
- Huts and Towers including Hybrid Power Systems
- Supply of TETRA Mobile and Portable radios
- Installation of supplied equipment and materials
- Site testing and commissioning of all supplied equipment and interfaces with existing equipment
- Perimeter security fencing
- Earthing grids
- All earthworks for foundations, earthing, fencing and supports
- All construction machinery required for installation and commissioning

As part of the scope of supply, the Contractor will provide an onsite technician to maintain and operate the communications systems once they are installed and commissioned. This technical support is based on a 10 hour day, 7 days a week on site.

## **Delivery Schedule**

### **Forecast Award Date: 2Q, 2016**

In 2015, Rio Tinto is undertaking a detailed feasibility study on the Project that will inform a final investment decision. A decision is expected to be received in the final quarter of 2015. Future procurement decisions are dependent on board approval.

Construction of associated mine infrastructure is anticipated to take 36 months once final board approval is granted.

## **Instructions to suppliers**

If your business possesses the capability and capacity to perform the stated scope of work, please submit a registration of interest via the ICN Gateway at [www.southofembley.icn.org.au](http://www.southofembley.icn.org.au).

Please ensure that:

- Your company profile on ICN Gateway is complete, up-to-date and accurate
- You register your interest as a Full Scope or Partial Scope supplier (where applicable), and
- You respond to all project-specific questions via the ICN Gateway.

## **More Information**

Please contact the Industry Capability Network Queensland on +61 (7) 3364 0676 should you have any enquiries regarding this scope of work.

More information about the South of Embley Project can be found on the Rio Tinto website [www.riotinto.com](http://www.riotinto.com).

## **Disclaimer**

Scope of Work is indicative only and is intended to be used as a summary description of work which may be required by Rio Tinto and may be subject to change. Full scopes of work will be made available to parties that are 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.