



South of Embley project

Expression of interest

Dam C Infrastructure

Package Number: 25977-000-G90-GCX-00011

Package Title: Dam C Infrastructure

General Description

Rio Tinto's South of Embley (SoE) project is located approximately 40 km south-west of Weipa in Far North Queensland, Australia. The project site will require a Contractor for the construction of a 10mg fresh water dam (Dam C), a spillway including a fish-way, a decent structure complete with riparian release pipework and an Infrastructure corridor linking the dam to the process plant site.

Dam C comprises of an earth fill wall approximately 2,200m long and 10m high at the lowest foundation base location. A soil, cement, bentonite mix slurry wall cut off trench is to be installed under the centre line of the entire wall footprint to a depth of approximately 9m and a width of 0.9m.

A decant tower will be installed upstream of the wall to decant raw water through the wall to a pumping station that will pump to the Process Plant site through a 1m HPPE buried pipeline. The decant system also includes a riparian release pipeline to release flow downstream of the pump station location.

Included in the Dam C construction scope is an infrastructure corridor that connects the site to the Process Plant site. The infrastructure corridor will be cleared to approximately 55m in width and will accommodate the Dam C access road, a HV overhead power line alignment, access to 5 artesian bore sites and the raw water buried pipeline alignment.

The Dam impoundment area (Approx. 360Ha) is to be cleared. Grubbing of the impoundment area is not required.

Work Included

This package includes, but is not limited to, the following;

- Clear and grub of the dam and spillway footprint including the impoundment area.
- The construction of a slurry wall cut off trench.
- Construction of the dam wall.
- Spillway construction including a fish-way.
- Construction of a decant tower and pipework including a riparian release system.
- Construction of an infrastructure corridor.

Forecast Award Date: 4Q, 2016

In 2015, Rio Tinto is undertaking a detailed feasibility study 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.

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.

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.

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.