



South of Embley project

Expression of interest

Process Slurry Pumps

Package Number: 25977-000-MRA-MPY0-00001

Package Title: Process Slurry Pumps

General Description

Rio Tinto's proposed South of Embley (SoE) project is located approximately 40 km south-west of Weipa in far North Queensland, Australia. Suppliers are requested to furnish all labour, materials and services for the design, fabrication, testing, preparation for shipment and delivery of Process Slurry Pumps.

Specific Scope Requirements

The scope of supply will include:

- Two (2) end-suction, horizontal centrifugal pumps and drives for severe, abrasive slurry transport service. These pumps will be arranged in series for a maximum flowrate of 4800m³/hour flow at approximately 31m differential head per pump stage.
- Twenty four (24) vertical spindle centrifugal pumps and drives for severe, abrasive slurry transport service. These pumps will be arranged in twelve (12) duty/standby configurations for flows up to 800m³/hour flow at approximately 20m head.

The slurry will be made up of abrasive bauxite fines, with a solids concentration of approximately 30% weight and a slurry specific gravity of approximately 1.21.

- The vertical spindle centrifugal pumps will be mounted in sumps. These pumps will be designed for continuous service as they are critical to the beneficiation process. The pump units shall be direct coupled to the motor and have no wet end bearings. Double volute designs are preferable.

Delivery Schedule

Forecast Award Date: 1Q, 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.

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.