



Conveyor Idlers

Package Number: 25977-000-MRA-MHCB-00002

Package Title: Conveyor Idlers

General Description

Rio Tinto's South of Embley project is located approximately 40 km south-west of Weipa in far North Queensland, Australia. The Project site will require Conveyor Idlers. The scope includes design, manufacture, factory acceptance testing and supply of Conveyor Idlers.

Specific Scope Requirements

An Idler shall be a complete assembly containing a steel support frame and nominal rolling elements.

The scope of work includes impact, carry, return, transition, weigh belt quality, training and retractable idlers for the following belt widths:

- 1200mm
- 1500mm
- 1800mm
- 2200mm
- 2400mm

To reduce handling and noise issues, idlers shall be designed and constructed to be as lightweight as possible and idler roller mass shall not exceed 20kg without Company approval and assessment of replacement procedures.

Steel shells shall be manufactured from precision finished electric resistant steel welded to AS 1450 Grade 200 or better.

Shafts shall be machined from carbon steel to AS 1442 or AS 1443 and shall be designed to AS 1403 for infinite life.

Idlers for a given belt width shall be interchangeable.

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All idler bearings shall have a L10 life \geq 65,000 h

Forecast Award Date: Q1, 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 Tenderers

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.