

Expression of Interest (RVS Project)

Robe Valley Sustaining Project

Project Overview: The Robe Valley Sustaining Project (Project), the subject of a Feasibility study, consists of the upgrade and expansion of the Mesa iron ore deposits to sustain the existing Robe Valley production. The Robe Valley is approximately 120km southwest of Karratha in the Pilbara region of Western Australia.

Package Title: Supply and Manufacture of Conveyor Idlers

Package Reference: RVS\M\SM\2215

Package Description: Design, procurement, manufacture, fabrication, assembly, supply, testing, surface preparation, painting, preparation of associated documentation, packaging, delivery to site and supervision of installation and commissioning of the following Goods:

| DESCRIPTION | BW mm | BS m/s | Roll Dia mm |
|--|-------|--------|-------------|
| MESA A | | | |
| MACV2201 Secondary Sizer Discharge Conveyor Idlers | 1800 | 3.3 | 178 |
| MACV2400 Surge Bin Feed Conveyor Idlers | 1500 | 3.3 | 152 |
| MACV2401 Scrubber 1 Feed Conveyor Idlers | 1500 | 2.5 | 152 |
| MACV2402 Scrubber 2 Feed Conveyor Idlers | 1500 | 2.5 | 152 |
| MACV2403 Product Return Conveyor Idlers | 1500 | 3 | 152 |
| CV102 TLO Feed Conveyor Idlers | 1800 | 3.3 | 178 |
| MACV2601 Sample Transfer Conveyor Idlers | 600 | 2 | |
| MESA J | | | |
| MJCV2101 Primary Sizer Discharge Conveyor Idlers | 1600 | 4 | 152 |
| MJCV2201 Stacker Feed Conveyor Idlers | 1350 | 4 | 152 |
| MJSK2201 Stacker Conveyor Idlers | 1350 | 4 | 152 |
| CM01 TLO Feed Conveyor Idlers | 1600 | 4 | 152 |
| MJCV2401 PP2 Rescreening Product Conveyor Idlers | 600 | 3.2 | 127 |
| CNV4 PP2 Stacker Product Feed Conveyor Idlers | 1200 | 2.3 | 152 |

Specific Scope Requirements: Suppliers wishing to be considered must be able to demonstrate their ability to complete the following tasks:

Design, manufacture, shop assembly and testing of Goods to SS-M111 as noted above, including:

- the idlers components must be designed for intermittent operation, with a minimum design life of 15 years and operates 6,000 hours per year in maximum 50 °C ambient temperatures;
- steel and composite shell conveyor idler rollers;
- composite end caps shall be used for all trough carry rollers;
- idler shell, shaft, end discs, bearings and bearing seals;
- idler frames and brackets to AS 1554, Part 1 – Category SP specific to each idler type and fully seal welded;

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- drop down frames;
- idler frames must be tested to ensure conformity to plus or minus 2mm dimensional tolerances;
- retractable idler frames with access to one side only for complete retraction of entire 3 roll idler set and must also be fully installed from the same side;
- retractable idler frames allows complete retraction while the troughed carry belt is still in place and does not require idler frame rotation to clear the carry belt (i.e. opposite side wing roller is lowered to clear the underside of the belt);
- all fastening hardware including bolts and nuts for all frames, stone guards and wind boards, excluding hold down fixings;
- all mechanical Works complies with SS-M101;
- certified Documentation including 3D model;
- packing, marking and delivery to the Site; and
- on-site support and training during commissioning if required.

Invitation to Tender Date: 26 November 2018

Forecast Award Date: 7 March 2019

Package-Specific Criteria: Standard Document SS-M101, SS-M102, SS-M111, SS-M118 and SS-P118.

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 Start Date: 10 October 2018

EOI Closing Date: 29 October 2018

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.*