

# 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 Pulleys

**Package Reference:** RVS\M\SM\2216

**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	Lag	Dia m	BS m/s
<b>MESA A</b>				
MACV2201 Secondary Sizer Discharge Conveyor Drive Pulley	1800	C	1000	3.3
MACV2400 Surge Bin Feed Conveyor Drive Pulley	1500	C	1000	3.3
MACV2400 Surge Bin Feed Conveyor Tail Pulley	1500	P	800	2.5
MACV2401 Scrubber 1 Feed Conveyor Drive Pulley	1500	C	1000	2.5
MACV2401 Scrubber 1 Feed Conveyor Tail Pulley	1500	P	800	2.5
MACV2402 Scrubber 2 Feed Conveyor Drive Pulley	1500	C	1000	2.5
MACV2402 Scrubber 2 Feed Conveyor Tail Pulley	1500	P	800	2.5
MACV2403 Product Return Conveyor Drive Pulley	1500	C	1000	3
MACV2403 Product Return Conveyor Tail Pulley	1500	P	800	3
CV102 TLO Feed Conveyor Tail Pulley	1800	P	900	3.3
MACV2601 Sample Transfer Conveyor Drive Pulley	600	C	630	2
MACV2601 Sample Transfer Conveyor Tail Pulley	600	P	630	2
MABF2601 Primary Sample Belt Feeder Conveyor Drive Pulley				
MABF2601 Primary Sample Belt Feeder Conveyor Tail Pulley				
<b>MESA J</b>				
MJCV2101 Primary Sizer Discharge Conveyor Drive Pulley	1600	C	1000	4
MJCV2101 Primary Sizer Discharge Conveyor LT Bend Pulley	1600	P	800	4
MJCV2101 Primary Sizer Discharge Conveyor Take-Up Pulley	1600	P	800	4
MJCV2101 Primary Sizer Discharge Conveyor Tail Pulley	1600	P	800	4
MJCV2201 Stacker Feed Conveyor Drive Pulley	1350	C	1000	4
MJCV2201 Stacker Feed Conveyor Tail Pulley	1350	P	800	4
MJSK2201 Stacker Conveyor Drive Pulley	1350	C	1000	4
MJSK2201 Stacker Conveyor Tail Pulley	1350	P	800	4
CM01 TLO Feed Conveyor Tail Brake Pulley	1600	C	900	4
MJCV2401 PP2 Rescreening Product Conveyor Drive Pulley	600	C	600	3.2
MJCV2401 PP2 Rescreening Product Conveyor Tail Pulley	600	P	600	3.2
CNV4 PP2 Stacker Product Feed Conveyor Drive Pulley	1200	C	700	2.3
CNV5 PP2 Stacker Conveyor Drive Pulley	1200	C	700	2.3

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**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-M113 as noted above, including:

- pulley shell, shaft end discs, lagging, installed bearings and bearing housings on shaft, locking assemblies and balance masses;
- receipt, final bore to tolerance and fitment of free-issued pilot bored drive half couplings to SS-M103;
- receipt, final bore to tolerance and fitment of free-issued pilot bored brake half couplings, brake disc and fixings;
- all mechanical Works complies with SS-M101;
- vibration testing of pulleys is performed at Company approved test rigs and these tests must be witnessed by a condition monitoring specialist for dynamic balancing measuring and records in accordance with SS-A018 and SS-M113;
- certified Documentation including 3D model;
- pulley transportation frames;
- packing, marking and delivery to the Site; and
- on-site support during commissioning if required.

**Invitation to Tender Date:** 19 November 2018

**Forecast Award Date:** 27 February 2019

**Package-Specific Criteria:** Standard Document SS-M101, SS-M103, SS-M113.

**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:** 24 October 2018

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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.*