

# 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:** **Design of Mine Site Laboratory**
- Package Reference:** RVS/M/SM/2234
- Package Description:** Design a sample preparation and analytical laboratory facility and procure all analytical equipment for the laboratory
- Specific Scope Requirements:** Suppliers wishing to be considered must be able to demonstrate their capability in the following:
- provide all phases of engineering design of the laboratory facility including architectural, structural steel, reinforced concrete, civil, hydraulic, electrical, communications, fire system, compressed air, ventilation and air conditioning system;
  - design experience in structural reinforced or fibre reinforced concrete in-ground structures, steelwork, in-ground services, piping work, building services;
  - ability to produce assembly details and shop drawings;
  - understand the philosophy with regard to reliability, maintenance, operation and value engineering of a mine site laboratory;
  - ability to provide innovation and efficient building methodology and to promote environmentally friendly technology;
  - experience in modular building design;
  - experience in producing technical specification and functional design documentations;
  - familiar with facility engineering systems that can create effective, safe, and compliant laboratories.
  - experience in selecting appropriate engineering criteria to meet and achieve compliance with regulatory requirements of a mine site laboratory
  - ability to ensure the operational integrity of all engineering systems;
  - experience in fire prevention—to detect and suppress fires, in part by limiting quantities of flammable and hazardous chemicals
  - design an integrated systems providing a complete end to end sampling to analysis solution.
  - produce documentation for pre-commissioning, dry & wet commissioning and testing activities in accordance with the design for the lab facility;
  - able to comply with, or demonstrate capability to comply with, statutory, Rio Tinto documentation requirements, technical and standard specifications;
  - previous experience with major project delivery for Rio Tinto is highly desirable;
  - previous experience in design of mine site laboratories.

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**Forecast Award Date:** 14 April 2020

**Package Specific Criteria:**

- Ability to plan, coordinate and complete design activities accurately for a brownfield environment where design related tie-ins and interfaces are complex.

**Generic Pre-Qualification Requirements:**

As per generic pre-selection criteria published to the ICN Project Portal

**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:** 12 December 2019

**EOI Closing Date:** 9 January 2020

**Contact:**

**Industry Capability Network of Western Australia.  
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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.*