



# Amrun project

## Expression of interest

## Bulk Earthworks

Package Number: 25977-000-HC3-CE00-00048

Package Title: Bulk Earthworks

### General Description

Rio Tinto's Amrun project is located approximately 40 km south-west of Weipa in Far North Queensland, Australia. The project site will require a Contractor to provide all procurement, construction, supervision and other work necessary to perform the Bulk Earthworks in accordance with all applicable codes, regulations, standards and requirements of the statutory authorities of Queensland, Australia.

### Work Included

The Bulk Earthworks package will include the clearing, grubbing, mass earthworks, and drainage and pavement development of eighteen (18) major facilities across twenty-four (24) separate construction areas on the South of Embley Project. The earthworks requirements are as follows;

- Clearing, grubbing and topsoil stripping at nominated areas at the Process Plant Site.
- Construction of an unlined 5 ML sedimentation pond.
- Construction of nine (9) sealed light vehicle roads.
- Construction of three (3) unsealed heavy vehicle roads.
- Construction of four (4) earthworks foundation pads for conveyors.
- Construction of seven (7) earthworks hardstand and building platforms.
- Construction of a 230ML, in ground water treatment/harvesting unlined pond.
- Construction of an earthen dump station ramp and reinforced earth wall designed for HV dump trucks to unload into the dump hopper.
- Clearing and topsoil stripping of the ROM stockpile area for ore to be dumped and rehandled by mine haul trucks.
- Construction of a stockpile pad and machine berms for the stacking and reclaiming of product bauxite including stockpile drainage to direct stockpile runoff to the north and south sedimentation ponds.
- Construction of a 110ML unlined sedimentation pond designed to treat runoff directed to the north from the product stockpile including inlet and outlet drainage works.
- Construction of a 120ML unlined sedimentation pond designed to treat runoff directed to the south from the product stockpile including inlet and outlet drainage works.

- Construction of water storage dam, including clay cut off trench, dam outlet works, spillway and fish ladder.
- Construction of a hard stand area for Dam C pumping station.
- Construction of a single lane unsealed access road from the infrastructure corridor road to Dam C pumping station and Dam C Wall Clearing, grubbing and stripping of infrastructure corridor, construction of a single lane access road from Boyd Plant to Dam C, earthworks required to install water supply pipeline from Dam C to Process Water Pond.
- Construction of an 800 ha, 2 cell, 2 zoned earthen embankment tailings storage facility.
- Construction of a single lane unsealed access road.
- Construction of an in ground water treatment/harvesting unlined pond.
- Construction of 5 artesian bore pad areas and access tracks.
- Construction of In-pit haul road from the centre of the northern cell of the tailings storage facility to the main haul road.
- Construction of haul roads from the dump station to the initial mining area to the north of the Boyd Plant site and to the in pit road located in the northern cell of the tailings storage facility.
- Operation of a NATA registered testing laboratory for verification of all Works.
- Installation of underground process water distribution pipework.
- Installation of a gravity sewerage system.

The scope of works includes, but is not limited to the following:

- Mobilisation and demobilisation of all personnel, equipment and temporary facilities not provided by the Company as required completing the Work; including furnishing all necessary materials and consumables not specifically identified as Contractor-furnished materials.
- Receive process, handle, store, maintain and sort all materials for the satisfactory completion of the Work, including materials supplied by the Company.
- Install temporary roads for Site access during work activities as required with the approval of the Company.
- Perform all survey required for set out, layout, monitoring and control of the Work.
- Provide an independent laboratory to perform inspection and testing on Contractor's Work as required by the referenced specifications and the approved Contractor Quality Management Plan.
- Provide continual dust control measures.
- Perform all necessary dewatering and temporary environmental control measures to support the Work, protect work in progress and the surrounding environment.
- Supply of all small and large tools and consumables including safety consumables.
- Supply and maintenance of all Contractor vehicles and equipment.
- Clean up Site and all waste materials generated by Contractor to the satisfaction of Company.
- Obtaining all construction permits and approvals required to undertake the Work.

**Forecast Award Date: 4Q, 2016**

### **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.amrun.icn.org.au](http://www.amrun.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 Amrun Project can be found on the Rio Tinto website [www.riotinto.com](http://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.