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## **WMP-CON-162, Concentrate Logistics**

### **Project Overview**

The West Musgrave Project (WMP) is a significant greenfield copper and nickel project located in the remote Ngaanyatjarra Aboriginal Lands of central Western Australia. The proposed project represents the first major mining project in the Ngaanyatjarra Lands and within the highly prospective West Musgrave Mineral Province.

The WMP is located in the West Musgrave Ranges of Western Australia, approximately 1,300 km north-east of Perth and 1,400 km north-west of Adelaide, near the intersection of borders between Western Australia, South Australia and Northern Territory. The nearest towns include the Indigenous Communities of Jameson (Mantamaru) 26 km north, Blackstone (Papulankutja) 50 km east, and Warburton (Milyirtjarra) 110 km west of the project.

OZ Minerals is proposing to develop a new mine and associated infrastructure at its WMP. The planned infrastructure includes ore processing facility, renewable energy generation, aerodrome, access roads, accommodation living hub, and non-processing infrastructure (NPI).

### **Expression of Interest (EOI) Package Summary**

OZ Minerals Musgrave Operations Pty Ltd requires the service of a suitably qualified and resourced Materials Handling Logistics provider to undertake logistics activities for the West Musgrave Project. Specifically, this includes Nickel and Copper Concentrate haulage from the West Musgrave Mine Site to the destination port or domestic customer(s).

### **Scope of Works**

The concentrate production is a 365 day per year operation, therefore transport from the loading point to the delivery point is to be available for 365 days per year, subject to circumstances outside of the contractor's control.

The [West Musgrave Copper and Nickel Project Pre-Feasibility Study Update](#) contains information about the assumed logistics route.

Super Quad road trains are proposed to be used to transport concentrate in half height containers, with empty concentrate trucks returning to site being utilised for backhaul of reagents, diesel and other consumables.

Nickel and Copper concentrates are expected to be sold to a mix of domestic and international customers.

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Table 1 below illustrates OZ Minerals assumptions for transport (Domestic and Export sales) and port of export options. The Contractor should assess all logistical routes to provide the safest and most cost-efficient option. Delivery Point of domestic sales is likely to remain as below.

**Table 1 – Domestic and Export Sales**

<b>Domestic Sales</b>	
Loading Point:	West Musgrave mine site
Delivery Point:	Domestic Nickel Smelters
Transport:	All Road or combination of Road and Rail
Product:	Portion of Nickel Concentrate
<b>Export Sales</b>	
Loading Point:	West Musgrave mine site
Delivery Point:	Port of Esperance (or other proposed port)
Transport:	All Road or combination of Road and Rail
Product:	Portion of Nickel Concentrate produced and all Copper Concentrate

Indicative Concentrate Volume: 300-400ktpa.

These concentrate volumes must be read in conjunction with the [West Musgrave Copper and Nickel Project Pre-Feasibility Study Update](#).

The Contractor shall develop solutions to continuously manage permissible product variations.

The scope of work includes (list not limited):

1. Provision of a concentrate logistics solution for Nickel Concentrate and Copper Concentrate (concentrates) for the West Musgrave mine site to point of delivery, including:
  - a. Logistics activities:
    - i. Handling and storage of concentrates at the West Musgrave mine site, post Filter Plant
    - ii. Loading and sampling of concentrates into bulk containers

- iii. Landside logistics, including storage and handling of product through the chain
  - iv. Inventory Management System to track the location, volume, product and grade of containers in the supply chain
  - v. Port Services including Stevedoring
  - vi. Obtaining necessary approvals, permits and exemptions relating to the logistics activities
- b. Supply, install, operate, and maintain:
- i. Labour for all activities associated with logistics activities, including support staff and maintenance
  - ii. Accommodation, meals, and flights for offsite personnel (if required)
  - iii. Logistics assets, including but not limited to:
    - (i) Containers, prime movers, trailers, rolling stock, mobile equipment
  - iv. Offsite workshops for major maintenance and refuelling facilities
  - v. Any onsite facilities required to support operations will be developed in consultation with OZ Minerals
- c. Optional scope for:
- i. Backloading opportunities
  - ii. Road maintenance

It is anticipated that operations will commence in 2024.

Australian Standards, National Construction Code and OZ Minerals Specifications will apply.

The WMP is subject to internal and external approvals. The timing, procurement strategy and/or scope of works, may change at the discretion of OZ Minerals.

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## **Forward looking**

OZ Minerals are seeking a Contractor that has a strong safety focus with a high level of safety performance, that is able to deliver a cost effective and reliable Concentrate Logistics solution.

OZ Minerals has an aspiration to emit zero Scope 1 emissions and strive to systemically reduce Scope 2 & 3 emissions across our value chain. It is envisaged that the successful Contractor will share this aspiration and demonstrate a strategy and timeframe for achieving zero carbon emissions.

The Contractor should aim to adopt automation and autonomous equipment where feasible with the objective of reducing the overall workforce and transition as many remaining roles offsite as possible to minimise site-based roles.

Subsequent to this EOI, OZ Minerals intends to undertake a competitive tender process for procurement of a Materials Handling/Logistics Contractor to deliver the West Musgrave Concentrate Logistics package.

## **Submission of Expression of Interest (EOI)**

OZ Minerals invites capable and experienced Materials Handling/Logistics Contractors, who align with our way of delivering value, the '[OZ Way](#)' to register their EOI.

Please express your interest by completing the [West Musgrave Supplier Registration Form](#). EOI without completion of the West Musgrave Supplier Registration Form will not be considered.

OZ Minerals will use the EOIs to improve its understanding of market capability and interest. Suitable Registrants may subsequently be invited to submit a tender for this package.

Please email [WMPCommercial@ozminerals.com](mailto:WMPCommercial@ozminerals.com) should you have any questions.