

SCOPE

Transnet seeks to acquire the services of experienced specialist consultants for a six (6) month period to develop a comprehensive Demand Validation Final Document. This document will provide a full assessment of demand and the longevity of each Northern Cape iron ore mine, supporting Transnet's Volume and Capacity Validation Processes for the Ore Export Corridor (OEC).

The appointment of consultants will support Transnet in effectively executing these validation processes and ensure accurate, independent, and reliable information regarding the long-term capacity requirements and operational readiness of existing and prospective iron ore mines. The engagement will encompass the following aspects, though not exhaustive:

- Technical validation of mining operations, resource potential, and Life-of-Mine (LOM) projections.
- Verification of long-term volume-based demand submissions for integrated port and rail capacity.
- Assessment of operational and infrastructure readiness to support projected export volumes.
- Conducting on-site due diligence to confirm the accuracy of information provided by mining applicants.
- Providing expert advisory input to guide Transnet's capacity allocation, planning, and investment decisions.
- Risk assessment on each existing and prospective iron ore mines submission to align with Transnet strategy to secure 10 – 15 years long term commercial agreements with the mines.
- Ensuring the independence and impartiality of the validation process, with no conflicts of interest arising from prior engagements.

6.1 Assessment of Iron Ore and Manganese Content

- Evaluate the quality and grades of iron ore and high manganese and silica Iron content of each mines ore.
- Assess the commercial viability of mining and processing the grades reported.

6.2 Life-of-Mine (LOM) Validation

- Validate the sustainability of proposed production profiles and alignment with long-term export volumes

6.3 Verification of Long-Term Capacity Requirements

- Analyse and confirm the credibility of volume-based demand submissions from mining applicants.
- Ensure alignment between reported capacity requirements and technical feasibility.

6.4 Technical Advisory on Mining Operations and Readiness

- Assess mining operations, infrastructure, development timelines, and operational factors critical to OEC planning.

- Review mining washing and beneficiation facilities per mine to determine processing capacity and quality control readiness.
- Evaluate water and power supply availability and constraints per mine.

6.5. Legal, Regulatory, and Risk Assessment

- Analyse the legal, regulatory, and environmental obligations and risks facing each mine.
- Assess potential operational, commercial, and compliance risks that may impact long-term production and export commitments.

6.6 Support to the Capacity Allocation Process

- Provide technical opinions, reports, volume risk and recommendations throughout the Volume and Capacity Validation processes.
- Engage with Transnet Group Business Development and Operating Divisions to ensure alignment with process requirements.

6.7 Due Diligence at Mining Operations

- Conduct on-site assessments to verify operational conditions, compliance with technical and regulatory standards, and readiness for integration into the OEC system.
- Confirm the accuracy and reliability of submitted information, including mining infrastructure, Volume, washing facilities, water, and power supply.

6.8 Reporting and Advisory Deliverables

- Prepare a comprehensive Demand Validation Final Document summarising findings from validation, due diligence, and risk assessments of each mining submission in the final report.
- Provide actionable recommendations to inform Transnet's capacity allocation and long-term planning decisions.