



OWAIS METAL & MINERAL PROCESSING LIMITED

(Formerly known as Owais Metal & Mineral Processing Private Limited)
(Formerly known as Owais Ali Overseas Private Limited)

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MANAGEMENT OUTLOOK – CAPACITY EXPANSION

Driven by our vision of transforming “Waste to Wealth”, Owais Metal and Minerals Processing Limited is embarking on a major capacity expansion initiative aimed at unlocking new value streams and enhancing shareholder returns. The company is setting up two high-potential business verticals- **Electrolytic Manganese Dioxide (EMD)** manufacturing and **Precious Metal Recovery** from mining and metal waste.

Both initiatives are aligned with India’s strategic push for **import substitution**, **sustainable resource utilization**, and the **energy transition economy**.

❖ Manufacturing of Electrolytic Manganese Dioxide (EMD)

• Strategic Rationale:

Electrolytic Manganese Dioxide (EMD) is a **critical input in the global battery value chain**, used extensively in **lithium-ion, alkaline, and zinc-carbon batteries**. With India witnessing rapid growth in **electric mobility, energy storage, consumer electronics, and data centre infrastructure**, domestic demand for EMD is expected to increase exponentially in the coming years.

At present, India is **largely import-dependent** for EMD, despite having abundant manganese ore reserves. This creates a **strategic and economic opportunity** for domestic producers like Owais to bridge the supply gap and capture significant market share.

• Owais Competitive Edge

Owais has a proven track record in processing manganese ore waste into high-grade manganese products. The company’s proposed EMD facility represents a **natural forward integration**, converting low-value waste into a **high-value finished product**, an ideal example of circular economy innovation.

• Planned Capacity & Returns:

- **Phase 1 Installed Capacity:** 3,370 tonnes per annum
- **Expected EBITDA Margin:** ~38% per annum
- **Scalability:** Designed for phased capacity enhancement with minimal incremental cost

This business is expected to contribute **strong and consistent cash flows**, while positioning Owais as a key player in India’s emerging **battery materials ecosystem**.

❖ Precious Metal Recovery from Mining and Metal Waste

• Strategic Rationale:

Owais is also entering the **precious metal recovery** segment, leveraging **advanced leaching technologies** to extract valuable metals from mining and industrial residues. This segment aligns with the company's sustainability vision while tapping into a **high-margin, high-demand global market**.

• Technology Advantage:

The project will deploy a **next-generation, eco-friendly leaching process** that eliminates the use of sodium cyanide the industry's traditional but toxic reagent.

• Key benefits include:

- Superior **precious metal recovery efficiency** for selected mining and metal waste.
- **Significant reduction in environmental toxicity**
- Strong **ESG positioning** with measurable sustainability impact

• Planned Capacity & Returns:

- **Installed Capacity:** Input of 100 tonnes per day
- **Expected EBITDA Margin:** ~35% per annum
- **Capital Efficiency:** Incremental capacity expansion possible with minimal capex

This business will create a **sustainable revenue stream** with strong margins, supporting long-term growth and enhancing the company's overall profitability profile.

❖ Strategic Impact for Shareholders

Through these expansions, Owais is positioning itself as a **next-generation materials and sustainability company**, operating at the intersection of **green technology**, **circular economy**, and **India's self-reliance (Atmanirbhar Bharat)** mission.

Both projects are designed to deliver:

- High EBITDA margins (~40%)
- Robust cash generation
- Low incremental capital intensity
- Sustainable competitive advantage
- Long-term value creation for shareholders

