

CIP Gold Processing Plant Official Business Plan (2026–2036)

Prepared by: 6LA Limited

1. Executive Summary

6LA Ltd proposes the development, construction, and operation of a 350-ton/day Carbon-in-Pulp (CIP) gold processing plant located in the Geita Region of Tanzania. The project is designed to process 117,600 tons of gold-bearing ore annually, with an average grade of 3 g/ton and a gold recovery rate of 90%.

Based on current LBMA gold prices, the plant is projected to generate annual net earnings of USD 24.48 million for 6LA Ltd.

The company intends to reinvest operational profits to construct six(6) additional CIP plants within 12 months, expanding total capacity to seven plants and establishing 6LA Ltd as one of the largest private gold processors in East Africa.

This business plan outlines the project's commercial viability, operational structure, financial projections, risk mitigation framework, and long-term expansion strategy.

2. Company Overview

Company Name: 6LA Ltd

Registered Address: IT Plaza 3F, Ohio/Garden Ave, Plot No.778/39, 11101, Dar es Salaam, Tanzania

Board of Directors:

- Takuei Terao
- Hiroyuki Ono
- Baraka Mathias John
- Ngabile Nkundineza Samson

6LA Ltd is engaged in gold mining, gold processing, and international gold trading. The company has extensive operational, regulatory, and commercial experience across Africa, the Middle East and Europe.

3. Market Analysis

3.1 Global Gold Market

- Gold prices remain strong due to geopolitical instability, inflationary pressures, and increased central bank purchases.

- LBMA benchmark price used for projections: USD 135,000/kg.
- Long-term demand is supported by investment markets, jewelry consumption, and industrial applications.

3.2 Tanzania Mining Environment

- Geita is Tanzania's largest gold-producing region, hosting major mining operations.
- The Tanzanian government promotes transparency, value addition, and formalization of gold production.
- Regulatory conditions are stable and supportive of foreign investment in processing and refining.

4. Project Description

4.1 Technical Specifications

- Daily Processing Capacity: 350 tons
- Monthly Operating Days: 28 days
- Annual Processing Volume: 117,600 tons
- Average Gold Grade: 3 g/ton
- Gold Recovery Rate: 90%
- Final Gold Purity: 90%
- Workforce: 66 employees
 - 50 Tanzanian men
 - 6 Tanzanian women
 - 10 expatriate engineers
- Monthly Operating Cost: USD 175,000

The plant will utilize CIP technology, recognized globally for its high efficiency, stable recovery performance, and suitability for medium- and large-scale gold processing operations.

5. Operational Plan

5.1 Production Forecast

Monthly Gold Output (100% purity equivalent):

$$350 \text{ tons} \times 3 \text{ g} \times 28 \text{ days} \times 90\% \times 90\% = 23.81 \text{ kg}$$

5.2 Revenue Forecast

- Monthly Revenue:

$$23.81 \text{ kg} \times \text{USD } 135,000 = \text{USD } 3.2 \text{ million}$$

- Government Taxes & Royalties (9%):

$$3.2\text{M} \times 0.09 = \text{USD } 288,000$$

- Monthly Gross Profit:

$$3.2\text{M} - 0.288\text{M} = \text{USD } 2.912 \text{ million}$$

5.3 Profit Distribution

- Local Partner (30%): USD 0.87 million

- 6LA Ltd (70%): USD 2.04 million

5.4 Annual Net Profit (6LA Ltd)

$$2.04\text{M} \times 12\text{months} = \text{USD } 24.48 \text{ million}$$

6. Financial Plan

6.1 Initial Investment

- Plant Construction: USD 1.6M

- Working Capital: USD 0.4M

Total Initial Investment: USD 2M

6.2 Annual Operating Cost

$$175,000 \times 12\text{months} = \text{USD } 2.1\text{M}$$

6.3 Return on Investment

Annual Net Profit: USD 24.48M

ROI: 1,224% per year

This demonstrates exceptional financial performance and rapid capital recovery.

7. Risk Management

7.1 Ore Grade Variability

Mitigation:

- Long-term supply agreements
- Multi-source procurement
- Rigorous grade testing and sampling

7.2 Regulatory Risk

Mitigation:

- Strong local partnerships
- Continuous legal compliance monitoring
- Transparent reporting to authorities

7.3 Currency Risk

Mitigation:

- USD-based contracts
- Hedging strategies

7.4 Operational Risk

Mitigation:

- Deployment of 20 skilled engineers (local + expatriate)
- Preventive maintenance programs
- Continuous staff training

8. Expansion Strategy

6LA Ltd will reinvest operational profits to construct six(6) additional CIP plants within 12 months.

8.1 Expansion Investment

2M × 6Plants = USD 12M

8.2 Projected Revenue with 7 Plants

24.48M × 7Plants = USD 171.36M per year

8.3 Strategic Objectives

- Become the largest private gold processing operator in East Africa
- Expand global gold trading networks

9. Conclusion

The CIP Gold Processing Plant project offers:

- High profitability
- Strong market fundamentals
- A stable regulatory environment
- A scalable and replicable business model

6LA Ltd is positioned to become a leading gold processing and trading company in East Africa, supported by technical expertise, operational capability, and international commercial networks.

6LA Limited

Director: TAKUEI TERA0

