

# **MATA METALS AND MINERALS LIMITED**

## **A BUSINESS PLAN FOR MINING AND QUARRYING OF GOLD**

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## 1. **EXECUTIVE SUMMARY**

This business plan outlines the establishment and operations of **MATA METALS AND MINERALS LIMITED**, a company based in Singida region, Tanzania, specializing in the mining and quarrying of gold. The company will be structured as a private company limited by shares with perpetual succession.

This structure was selected because the founder(s) aim to limit personal liability to the amount of capital contributed as share capital. It is understood that operating a limited liability company entails more legal compliance requirements compared to other business forms, as it is recognized as a distinct legal entity.

Initially, **MATA METALS AND MINERALS LIMITED** will employ a small but highly skilled workforce to manage operational costs while maintaining efficiency and safety standards. Staff numbers will be expanded as the business grows and more mining areas are developed. The founder(s) will serve as the manager(s) and will also oversee additional functions such as human resources management and strategic planning.

Startup and operational financing will primarily come from the founder(s)' personal savings and share capital contributions. However, as this capital is insufficient for full-scale mining operations, the company will seek external financing from banks and other financial institutions specialized in mining projects. This external funding will incur interest, representing the cost of capital.

Financial forecasts indicate that **MATA METALS AND MINERALS LIMITED** is a viable venture. While profits are projected to be modest in the first year of operations due to initial setup costs and exploration expenses, they are expected to increase significantly as the company establishes its mining operations and begins regular gold extraction and sales.

## **2. INTRODUCTION**

MATA METALS AND MINERALS LIMITED aims to establish a professional and sustainable gold mining operation in the mineral-rich Singida region of Tanzania. This initiative responds to the growing demand for gold both domestically and internationally, while addressing the need for responsible mining practices that benefit local communities and preserve environmental integrity.

The Singida region, particularly the Ikungi District area, has been historically known for its gold deposits. However, much of the mining activity has been conducted through informal and artisanal methods that lack proper environmental controls, safety standards, and efficient extraction techniques. MATA METALS AND MINERALS LIMITED will introduce modern mining technology and practices to maximize yield while minimizing environmental impact and ensuring worker safety.

Our operation will focus on systematic exploration, responsible extraction, and proper processing of gold ore to produce high-quality gold products for both local and international markets. We recognize the importance of sustainable mining practices and will implement comprehensive environmental management systems to protect water sources, minimize land degradation, and ensure proper rehabilitation of mined areas.

Based in Mang'onji Ward, Sambaru village, Ikungi District, Singida region, MATA METALS AND MINERALS LIMITED will commence operations on a focused scale, prioritizing quality, safety, and environmental stewardship. We plan for strategic, gradual growth to build operational capacity and market presence, ultimately positioning the company as a leading gold producer in Tanzania.

Our core strategy involves establishing a reputation for responsible mining practices while maximizing resource efficiency and operational profitability through technological innovation and skilled workforce development.

### **2.1. VISION**

To be Tanzania's leading responsible gold mining company, setting industry standards for environmental stewardship, community development, and operational excellence.

### **2.2. MISSION**

We extract and process gold using advanced, environmentally responsible methods while creating sustainable economic opportunities for local communities and delivering superior returns to our stakeholders.

### **2.3. THE PROJECT PROMOTERS**

The shareholders of this project are experienced business professionals with diverse backgrounds in mining, finance, and trade:

- **SANTHOSH PAWAR BHEEMA RAO:** Majority shareholder with 100,000 ordinary shares. Mr. Rao brings extensive experience in mineral trading and processing operations across East Africa and India.
- **BALAJI SHAHAJI SALUNKHE:** Shareholder with 50,000 ordinary shares. Mr. Salunkhe has significant background in financial services and investment management, particularly in natural resource sectors.
- **JOSEPH KUTTIKATT GEORGE:** Shareholder with 50,000 ordinary shares and serving as Company Secretary. Mr. George has comprehensive experience in company administration, compliance, and business development in Tanzania's mining sector.

### 3. TARGETED MARKET

#### A. PRIMARY TARGET MARKET:

##### **Tanzania Gold Refineries and Export Markets**

MATA METALS AND MINERALS LIMITED will prioritize sales to established gold refineries within Tanzania and neighboring countries. The primary customers will include:

- **Tanzania Gold Refinery (TGR)** - The largest domestic gold processing facility
- **African Barrick Gold** - Major gold producer with refining capabilities
- **Responsible Artisanal Gold Solution (RAGS)** - Organization supporting formalization of artisanal mining
- **Bank of Tanzania** - As a potential bulk purchaser for national reserves

These entities require consistent supply of raw gold concentrates and doré bars meeting international purity standards (minimum 80% purity). MATA METALS AND MINERALS LIMITED will implement rigorous quality control systems to ensure consistent product quality that meets these requirements.

#### B. SECONDARY TARGET MARKET:

##### **International Gold Buyers and Commodity Traders**

As production scales and reputation grows, MATA METALS AND MINERALS LIMITED will target international buyers including:

- Swiss refiners (Valcambi, PAMP SA) known for premium pricing of responsibly sourced gold
- South African gold trading houses with established African supply chains
- Dubai-based precious metal traders serving Middle Eastern and Asian markets
- London Bullion Market Association (LBMA) accredited buyers for direct market access

These premium markets require not only high purity (99.5%+) but also verifiable chain of custody and ethical sourcing certifications. MATA METALS AND MINERALS LIMITED will implement blockchain tracking and third-party auditing to meet these requirements and command premium prices.

#### C. STRATEGIC GROWTH MARKETS:

For long-term diversification, MATA METALS AND MINERALS LIMITED will explore direct relationships with:

- East African jewelry manufacturers seeking local gold sources to reduce import dependency

- Investment gold product manufacturers producing bars and coins for retail investors
- Central banks building gold reserves as part of monetary policy diversification

These markets value traceability, ethical sourcing, and consistent quality over immediate price considerations, aligning with our responsible mining philosophy

#### **D. MARKET SELECTION RATIONALE**

This tiered market approach ensures:

- 1) Immediate Revenue Foundation:** Domestic refineries provide guaranteed offtake agreements with lower entry barriers, ensuring cash flow stability during initial operations.
- 2) Margin Enhancement:** International markets offer 15-25% price premiums for certified responsible gold, significantly improving profitability as operational maturity increases.
- 3) Risk Mitigation:** Diversified customer base protects against market volatility and regulatory changes in any single market segment.
- 4) Strategic Positioning:** Focus on responsible sourcing creates competitive advantage against informal miners and positions the company for preferential financing terms from development banks and impact investors.

By prioritizing markets that value responsible mining practices and traceable supply chains, MATA METALS AND MINERALS LIMITED insulates itself against price volatility while building brand equity that supports premium pricing and long-term sustainability.

## 4. PRODUCTION PROCESS

### 4.1 Exploration and Resource Assessment

MATA METALS AND MINERALS LIMITED will employ a systematic approach to gold exploration and resource definition:

#### Initial Phase (Months 1-6):

- Geological mapping and surface sampling to identify high-potential zones
- 3D geophysical surveys using ground-penetrating radar and magnetic susceptibility measurements
- 200+ shallow drill holes (30-50m depth) for preliminary resource estimation
- Metallurgical test work to determine optimal processing parameters

#### Ongoing Resource Management:

- Quarterly drilling programs to convert inferred resources to measured and indicated categories
- Real-time grade control during mining operations using portable XRF analyzers
- Digital resource modeling using specialized mining software (MineSight or Vulcan)
- Reserve replacement ratio maintained at minimum 1.2:1 through continuous exploration

#### Quality Control Systems:

- ISO 17025 accredited laboratory partnerships for assay verification
- 10% duplicate samples and 5% standard reference materials in all sampling batches
- Chain of custody documentation for all samples from collection to final assay
- Independent third-party audits of resource estimates annually

### 4.2 Mining Methodology and Extraction

The operation will utilize a combination of open-pit and limited underground mining methods based on deposit geometry and economic optimization:

#### Open-Pit Mining (Primary Method):

- Conventional drill-blast-load-haul operations for near-surface deposits
- 15-ton hydraulic excavators and 40-ton articulated dump trucks for material movement.
- Bench heights of 5m with 70° face angles for optimal productivity and safety
- GPS-guided equipment for precise grade control and pit optimization
- 24-hour operations with three 8-hour shifts to maximize equipment utilization

#### **Underground Mining (Selective Applications):**

- Cut-and-fill method for high-grade, narrow-vein deposits at depth
- Mechanized drilling with jumbos and controlled blasting techniques
- Cemented backfill using processed tailings to maintain ground stability
- Ventilation systems with real-time air quality monitoring
- Secondary support using rock bolts and shotcrete in high-stress areas

#### **Safety and Environmental Controls:**

- Comprehensive ground control monitoring program with weekly inspections
- Dust suppression systems on all drilling and crushing equipment
- Noise monitoring and hearing conservation program for all workers
- Emergency response systems with redundant communication networks
- Progressive rehabilitation planning integrated into mine design from inception

### **4.3 Mineral Processing and Gold Recovery**

The processing plant will utilize gravity concentration followed by flotation and cyanidation to maximize gold recovery:

#### **Primary Crushing and Grinding:**

- Jaw crusher (250 tph capacity) for primary size reduction
- Cone crusher (200 tph) for secondary crushing to -25mm
- Ball mill (3.6m x 4.8m) with hydrocyclone classification for grinding to 80% passing 75 $\mu$ m
- Automated control system maintaining optimal mill loading and power consumption

#### **Gold Concentration Circuit:**

- Knelson gravity concentrators (120 tph total capacity) for free gold recovery
- Flash flotation cells to capture liberated gold before cyanidation
- Conventional flotation circuit with optimized reagent regime for sulfide-associated gold.
- Thickener and filter presses for concentrate dewatering (25% solids concentrate)

#### **Gold Extraction and Refining:**

- Conventional cyanidation leaching (48-hour retention time) with 92% extraction efficiency

- Carbon-in-pulp adsorption circuit with 6-stage counter-current flow
- Electrowinning cells for gold recovery from eluted carbon solution
- Miller chlorination process for final refining to 99.5% purity
- Doré bar casting facility with automated weighing and marking systems

**Quality Assurance:**

- On-site fire assay laboratory with 99.9% accuracy for process control
- Daily reconciliation between mined ore, processed material, and recovered gold
- Monthly independent assay verification by accredited external laboratories
- Complete traceability system from mine face to final product shipment

**4.4 Environmental Management and Waste Handling**

MATA METALS AND MINERALS LIMITED will implement comprehensive environmental management systems exceeding regulatory requirements:

**Water Management:**

- Closed-loop water circuit with 95% recycling rate to minimize freshwater consumption
- Dedicated water treatment plant (500 m<sup>3</sup>/day capacity) with neutralization and metal removal
- Rainwater harvesting system with 10,000m<sup>3</sup> storage capacity for dry season operations
- Groundwater monitoring network with quarterly sampling and analysis

**Tailings Management:**

- Engineered tailings storage facility with composite liner system (HDPE + compacted clay)
- Continuous monitoring of dam integrity using piezometers and survey monuments
- Thickened tailings deposition to minimize water content and footprint
- Progressive rehabilitation program with native vegetation and soil cover

**Waste Rock Management:**

- Segregation of potentially acid-generating waste from benign material
- Engineered waste rock dumps with drainage control and erosion prevention
- Potential utilization of waste rock for construction materials and land rehabilitation
- Regular stability assessments and monitoring of all waste storage facilities.

**Rehabilitation Planning:**

- Concurrent rehabilitation program with mining activities
- Native seed bank establishment and nursery for indigenous plant species
- Soil conservation structures and erosion control measures implemented immediately after mining
- Post-closure land use planning integrated into initial mine design

**4.5 Infrastructure and Support Systems**

The operation will be supported by comprehensive infrastructure systems:

**Energy Supply:**

- 1.5 MW grid connection as primary power source
- 2.0 MW diesel generator backup system for critical operations
- Solar power installation (500 kW) for administration buildings and camp facilities
- Energy efficiency program targeting 15% reduction in specific energy consumption

**Transportation and Logistics:**

- All-weather access road (15km) connecting to regional highway network
- On-site workshop facilities for equipment maintenance and repair
- Fuel storage facility (200,000L capacity) with double-walled tanks and spill containment
- Secure storage facilities for explosives and hazardous materials

**Administrative and Support Facilities:**

- Modern administration building with laboratory, offices, and training facilities
- Worker accommodation camp (capacity 150) with recreational facilities
- Medical clinic with full-time nurse and weekly doctor visits
- Training center with capacity for 50 workers for skills development programs

**Critical Process Controls:**

- 24-hour security monitoring with CCTV and access control systems
- Real-time production monitoring system with automated data collection
- Maintenance management system with predictive capabilities
- Environmental monitoring network with automated data logging and reporting
- Emergency response systems with redundant communication networks.

## 5.0 INVESTMENT COST/STRUTURE

### 5.1 SOURCE OF FINANCING

The project will be financed by shareholders contribution and loan in as shown below.

### 5.2 INVESTMENT COST

S/N	ITEMS	Tshs ('000)
1	Land and building	560,000/=
2	Machinery	305,000/=
3	Motor vehicle	250,000/=
4	Furniture and Equipment	260,000/=
5	Operational expenses	100,000/=
6	Initial working capital	80,000/=
<b>GRAND TOTAL</b>		<b>1,555,000/=</b>

### 5.3 FINANCIAL PATTERN

The total initial investment of Tshs 1,555,000,000/= shall be financed as followed

SOURCE	Tshs ('000)
<b>FIXED ASSETS</b>	
Equity (40%)	1,400,000/=
Long term loan (60%)	155,000/=
<b>GRAND TOTAL</b>	<b>1,555,000/=</b>

## 5.4 PLANT AND MACHINERY

Some of the basic machines and equipment required for this project are as follows:

### A. Mining Equipment

MATA METALS AND MINERALS LIMITED's mining fleet will consist of specialized equipment selected for optimal performance in the local conditions:

- **Drilling Equipment:** 3 x Sandvik DP1500 drilling rigs for production blasting and exploration drilling
- **Loading Equipment:** 4 x CAT 330 excavators (30-ton class) with bucket capacities of 1.8-2.2m<sup>3</sup>
- **Haulage Equipment:** 8 x Bell B30 articulated dump trucks (30-ton capacity) for efficient material movement
- **Dozing Equipment:** 2 x CAT D6T dozers for site preparation and overburden removal
- **Support Equipment:** Graders, water trucks, and service vehicles for road maintenance and dust control

All equipment will be equipped with telematics systems for monitoring utilization, fuel consumption, and maintenance requirements. GPS guidance systems will be installed on all major equipment for precise grade control and operational efficiency.

### B. Processing Plant Equipment

The gold processing facility will feature state-of-the-art equipment designed for maximum recovery and efficiency:

- **Crushing Section:** 1 x Metso C100 jaw crusher, 2 x Metso HP300 cone crushers with automated control systems
- **Grinding Circuit:** 1 x FLSmidth 4.0m x 6.0m ball mill with hydrocyclone classification system
- **Gravity Recovery:** 4 x Knelson CVD30 gravity concentrators with automated control
- **Leaching Circuit:** 8 x 250m<sup>3</sup> agitated tanks with air injection systems and automated reagent dosing
- **Carbon Adsorption:** 12-stage counter-current carbon-in-pulp circuit with screen separators
- **Elution and Electrowinning:** AARL elution system with 2 electrowinning cells and acid wash circuit
- **Refining:** Miller chlorination furnace with fume treatment system and doré casting facility

The plant will be designed for a capacity of 150 tonnes per day with expansion capability to 500 tonnes per day. All equipment will be sourced from reputable international suppliers with local service support agreements.

### **C. Laboratory and Quality Control Equipment**

A fully equipped on-site laboratory will ensure quality control throughout the production process:

- Assay Laboratory: 2 x fire assay furnaces, cupellation furnaces, and precision balances (0.0001g accuracy)
- Sample Preparation: Jaw crushers, rotary splitters, pulverizers, and riffle splitters
- Process Control: Portable XRF analyzers, moisture analyzers, and particle size analyzers
- Environmental Monitoring: Water quality testing equipment, air quality monitors, and noise monitoring devices
- Data Systems: Laboratory information management system (LIMS) with chain of custody tracking

The laboratory will be staffed by qualified metallurgists and technicians with regular proficiency testing and external audit programs to maintain accreditation standards.

### **D. Infrastructure and Support Equipment**

Comprehensive support infrastructure will ensure operational continuity and efficiency:

- Power Generation: 2 x 1000kVA diesel generators with automatic transfer switches and load management system
- Water Management: Reverse osmosis plant (10m<sup>3</sup>/hour), water storage tanks (500m<sup>3</sup>), and pumping systems
- Workshop Facilities: Machine shop with CNC equipment, welding bays, and parts storage
- Communications: Satellite internet backup, radio communication network, and cellular repeaters
- Safety Equipment: Gas detection systems, emergency response equipment, and first aid facilities

### **E. Facility Layout and Capacity**

The 50-hectare site will be strategically zoned for optimal workflow and safety:

- Mining Area: 30 hectares allocated for open pit operations with 15-year mine life at initial production rate

- Processing Plant: 5 hectares housing all processing equipment with room for expansion
- Administration Area: 3 hectares for offices, laboratory, training center, and worker facilities
- Storage and Logistics: 7 hectares for equipment parking, materials storage, and waste management
- Environmental Buffer Zone: 5 hectares maintained as natural vegetation for environmental protection

The facility design allows for phased expansion as operations grow, with infrastructure sized for ultimate capacity while initial installation meets Phase 1 requirements. All buildings will comply with Tanzanian building codes and mining safety regulations, with specific attention to seismic considerations and climate adaptation.

## 6.0 FINANCIAL ANALYSIS

The project financial projection depicts the project to be viable, as it is shown by some of the indicator below;

### 6.1 Projected profit and loss

The following table shows how the company will utilize its generated revenue to run its activities for five years

#### MATA METALS AND MINERALS LIMITED PROJECTED INCOME STATEMENT FOR 5 YEARS

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
	TSHS ('000)	TSHS ('000)	TSHS ('000)	TSHS ('000)	TSHS ('000)
Revenue	430,000.00	535,000.00	604,000.00	670,000.00	820,000.00
Expense					
Direct costs	144,400.00	185,100.00	203,100.00	219,950.00	265,250.00
Operating Expenses					
Advertising and Promotion	25,000.00	50,000.00	40,000.00	60,000.00	75,000.00
Depreciation Expense	28,114.75	33,114.75	46,614.75	51,614.75	51,614.75
Insurance Expense	8,000.00	13,500.00	15,000.00	19,500.00	21,500.00
Electricity and power	11,000.00	11,500.00	12,500.00	15,000.00	17,000.00
Interest Expense	0.00	24,000.00	0.00	0.00	0.00
Meals and Entertainment	0.00	0.00	6,500.00	2,500.00	9,600.00
Office Supplies	13,137.50	15,108.12	18,000.00	17,650.00	20,500.00
Salaries	134,400.00	134,400.00	160,800.00	160,800.00	258,000.00
Rent Expense	25,000.00	40,250.00	30,000.00	32,000.00	45,000.00
Repairs and Maintenance	8,500.00	12,500.00	15,890.00	21,000.00	35,600.00
Communication Expense	2,000.00	3,200.00	4,500.00	4,250.00	5,500.00
Travel Expense	12,000.00	0.00	32,000.00	12,500.00	15,400.00
Tax Expenses	10,911.40	5,200.00	5,728.57	15,970.57	0.00
Total Operating Expenses	278,063.65	342,772.87	387,533.32	412,785.32	554,714.75
Total Expense	422,463.65	527,872.87	590,633.32	632,735.32	819,964.75
Net Income	7,536.35	7,127.13	13,366.68	37,264.68	35.25

## 6.2 Project cash flow

### MATA METALS AND MINERALS LIMITED PROJECTED STATEMENT OF CASH FLOW FOR 5 YEARS

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
	TSHS ('000)	TSHS ('000)	TSHS ('000)	TSHS ('000)	TSHS ('000)
<b>OPERATING ACTIVITIES</b>					
Net Income	7,536.35	7,127.13	13,366.68	37,264.68	35.25
Adjustments to reconcile Net Income to net cash provided by operations:					
Current Assets: Sundry Debtors	-82,000.00	25,600.00	19,000.00	-56,000.00	-145,000.00
Current Assets: Cash in hand	-10,000.00	0.00	0.00	2,500.00	0.00
Current Liabilities: Tax Payables	0.00	5,200.00	5,728.57	3,970.57	-12,000.00
Current Liabilities: Trade payables	10,700.00	7,300.00	-1,000.00	-5,865.00	50,000.00
Net cash provided by Operating Activities	-73,763.65	45,227.13	37,095.25	-18,129.75	-106,964.75
<b>INVESTING ACTIVITIES</b>					
PPE: Machinery	-105,000.00	0.00	-100,000.00	-100,000.00	0.00
PPE: Motor Vehicle	-117,295.00	-50,000.00	-100,000.00	0.00	0.00
PPE: Building	-250,000.00	0.00	0.00	0.00	0.00
PPE: Land	-110,000.00	-150,000.00	0.00	-50,000.00	0.00
PPE: Equipment	-90,000.00	-50,000.00	-70,000.00	-50,000.00	0.00
PPE: Accumulated Depreciation	28,114.75	33,114.75	46,614.75	51,614.75	51,614.75
Net cash provided by Investing Activities	-644,180.25	-216,885.25	-223,385.25	-148,385.25	51,614.75
<b>FINANCING ACTIVITIES</b>					
Non-Current Liabilities: Loan payable	0.00	100,000.00	-100,000.00	0.00	0.00
Owner's Capital	800,000.00	0.00	300,000.00	200,000.00	100,000.00
Net cash provided by Financing Activities	800,000.00	100,000.00	200,000.00	200,000.00	100,000.00
Net cash increase for period	82,056.10	-71,658.12	13,710.00	33,485.00	44,650.00
Cash at beginning of period	0.00	82,056.10	10,397.98	24,107.98	57,592.98
Cash at end of period	82,056.10	10,397.98	24,107.98	57,592.98	102,242.98

### 6.3 PROJECT STATEMENT OF FINANCIAL POSITION

The balance sheet indicates favorably state of affairs of the company throughout the projected period.

#### MATA METALS AND MINERALS LIMITED PROJECTED STATEMENT OF FINANCIAL POSITION FOR 5 YEARS

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
	TSHS				
	TSHS ('000)	('000)	TSHS ('000)	TSHS ('000)	TSHS ('000)
<b>ASSETS</b>					
Current Assets					
Checking/Savings					
Bank account	82,056.10	10,397.98	24,107.98	57,592.98	102,242.98
Total Checking/Savings	82,056.10	10,397.98	24,107.98	57,592.98	102,242.98
Other Current Assets					
Current Assets					
Trade Receivables	82,000.00	56,400.00	37,400.00	93,400.00	238,400.00
Cash in hand	10,000.00	10,000.00	10,000.00	7,500.00	7,500.00
Total Current Assets	92,000.00	66,400.00	47,400.00	100,900.00	245,900.00
Total Other Current Assets	92,000.00	66,400.00	47,400.00	100,900.00	245,900.00
Total Current Assets	174,056.10	76,797.98	71,507.98	158,492.98	348,142.98
Fixed Assets					
PPE					
Machinery	105,000.00	105,000.00	205,000.00	305,000.00	305,000.00
Motor Vehicle	117,295.00	167,295.00	267,295.00	267,295.00	267,295.00
Building	250,000.00	250,000.00	250,000.00	250,000.00	250,000.00
Land	110,000.00	260,000.00	260,000.00	310,000.00	310,000.00
Equipment	90,000.00	140,000.00	210,000.00	260,000.00	260,000.00
Accumulated Depreciation	-28,114.75	-61,229.50	-107,844.25	-159,459.00	-211,073.75
Total PPE	644,180.25	861,065.50	1,084,450.75	1,232,836.00	1,181,221.25
Total Fixed Assets	644,180.25	861,065.50	1,084,450.75	1,232,836.00	1,181,221.25
Other Assets	0.00	0.00	0.00	0.00	0.00
<b>TOTAL ASSETS</b>	<b>818,236.35</b>	<b>937,863.48</b>	<b>1,155,958.73</b>	<b>1,391,328.98</b>	<b>1,529,364.23</b>
<b>LIABILITIES &amp; EQUITY</b>					
Liabilities					
Tax Payables	0.00	5,200.00	10,928.57	14,899.14	2,899.14
Trade payables	10,700.00	18,000.00	17,000.00	11,135.00	61,135.00
Total Current Liabilities	10,700.00	23,200.00	27,928.57	26,034.14	64,034.14
Total Other Current Liabilities	10,700.00	23,200.00	27,928.57	26,034.14	64,034.14
Total Current Liabilities	10,700.00	23,200.00	27,928.57	26,034.14	64,034.14
Long Term Liabilities					

Loan payable	0.00	100,000.00	0.00	0.00	0.00
Total Non-Current Liabilities	0.00	100,000.00	0.00	0.00	0.00
Total Long-Term Liabilities	0.00	100,000.00	0.00	0.00	0.00
Total Liabilities	10,700.00	123,200.00	27,928.57	26,034.14	64,034.14
Equity					
Owner's Capital	800,000.00	800,000.00	1,100,000.00	1,300,000.00	1,400,000.00
Retained Earnings	0.00	7,536.35	14,663.48	28,030.16	65,294.84
Net Income	7,536.35	7,127.13	13,366.68	37,264.68	35.25
Total Equity	807,536.35	814,663.48	1,128,030.16	1,365,294.84	1,465,330.09
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>818,236.35</b>	<b>937,863.48</b>	<b>1,155,958.73</b>	<b>1,391,328.98</b>	<b>1,529,364.23</b>

## OTHER SCHEDULE

NB; figures are in Tshs ('000)

### ANNEX 1; REVENUE PROJECTION

PRODUCTION	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
SALES REVENUE	430,000.00	535,000.00	604,000.00	670,000.00	820,000.00
<b>TOTAL REVENUE</b>	<b>430,000.00</b>	<b>535,000.00</b>	<b>604,000.00</b>	<b>670,000.00</b>	<b>820,000.00</b>

### ANNEX 2; WORKING CAPITAL REQUIREMENTS

NB; figures are in Tshs ('000)

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
RAW MATERIALS	144,400.00	185,100.00	203,100.00	219,950.00	265,250.00
ELECTRICITY	11,000.00	11,500.00	12,500.00	15,000.00	17,000.00
WATER	13,137.50	15,108.12	18,000.00	17,650.00	20,500.00
CASH IN HAND	10,000.00	10,000.00	10,000.00	7,500.00	7,500.00
<b>TOTAL</b>	<b>178,537.50</b>	<b>221,708.12</b>	<b>243,600.00</b>	<b>260,100.00</b>	<b>310,250.00</b>

### ANNEX 3; OPERATION COST

NB; figures are in Tshs ('000)

Operational costs	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
Direct costs	144,400.00	185,100.00	203,100.00	219,950.00	265,250.00
Operating Expenses					
Advertising and Promotion	25,000.00	50,000.00	40,000.00	60,000.00	75,000.00
Depreciation Expense	28,114.75	33,114.75	46,614.75	51,614.75	51,614.75
Insurance Expense	8,000.00	13,500.00	15,000.00	19,500.00	21,500.00
Electricity and power	11,000.00	11,500.00	12,500.00	15,000.00	17,000.00
Interest Expense	0.00	24,000.00	0.00	0.00	0.00
Meals and Entertainment	0.00	0.00	6,500.00	2,500.00	9,600.00
Office Supplies	13,137.50	15,108.12	18,000.00	17,650.00	20,500.00
Salaries	134,400.00	134,400.00	160,800.00	160,800.00	258,000.00
Rent Expense	25,000.00	40,250.00	30,000.00	32,000.00	45,000.00
Repairs and Maintenance	8,500.00	12,500.00	15,890.00	21,000.00	35,600.00
Communication Expense	2,000.00	3,200.00	4,500.00	4,250.00	5,500.00
Travel Expense	12,000.00	0.00	32,000.00	12,500.00	15,400.00
Tax Expenses	10,911.40	5,200.00	5,728.57	15,970.57	0.00
<b>Total Operating Cost</b>	<b>278,063.65</b>	<b>342,772.87</b>	<b>387,533.32</b>	<b>412,785.32</b>	<b>554,714.75</b>

**ANNEX 4; DEPRICIATION SCHEDULE**

NB; figures are in Tshs

	<b>YEAR 1</b>	<b>YEAR 2</b>	<b>YEAR 3</b>	<b>YEAR 4</b>	<b>YEAR 5</b>
Land	-	-	-	-	-
Buildings	12,500,000.00	12,500,000.00	12,500,000.00	12,500,000.00	12,500,000.00
Motor Vehicles	5,864,750.00	8,364,750.00	13,364,750.00	13,364,750.00	13,364,750.00
Machines	5,250,000.00	5,250,000.00	10,250,000.00	15,250,000.00	15,250,000.00
Equipment	4,500,000.00	7,000,000.00	10,500,000.00	10,500,000.00	10,500,000.00
<b>Total Depreciation</b>	<b>28,114,751.00</b>	<b>33,114,752.00</b>	<b>46,614,753.00</b>	<b>51,614,754.00</b>	<b>51,614,755.00</b>