

LHT MINING COMPANY LIMITED

**MEDIUM SCALE GOLD PROCESSING PLANT INVESTMENT, PROJECT SCALE
ESTIMATIONS, PROCESSING UNITS AND COST EVALUATIONS**



MEDIUM CIL DESIGNING CRITERIA PROPOSAL

AREA OF LOCATION: TAMBARARE AREA, SEGESE WARD IN KAHAMA

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ABRIVIATIONS

<i>g/t</i>	<i>gram per tonne</i>
<i>NA</i>	<i>Not applicable</i>
<i>tpd</i>	<i>tonnes per day</i>
<i>CIP</i>	<i>Carbon In Pulp</i>
<i>CIL</i>	<i>Carbon In Leach</i>
<i>ROM</i>	<i>Run Of Mine</i>
<i>t/h</i>	<i>tonnes/hour</i>
<i>m/s</i>	<i>meter per second</i>
μm	<i>microns</i>
<i>CIL</i>	<i>Carbon In Leach</i>
<i>ppm</i>	<i>part per millions</i>
<i>hp</i>	<i>horse power</i>
<i>TSF</i>	<i>Tailing storage facility</i>
<i>CUF</i>	<i>Cyclone Underflow</i>
<i>COF</i>	<i>Cyclone overflow</i>
<i>PCS</i>	<i>Pieces</i>

1.0: INTRODUCTION

Gold mining technologies are mostly divided into three categories; namely small, medium and large scale, the only remarkable distinguishing criteria being the principles, operations and technologies applied in in gold extraction. This report highlights the important considerations which are normally considered while selecting the medium scale in gold extraction, these includes the equipment used, processing unit design as explained on the scope below.

2.0: PROJECT SCOPE

Medium CIP/CIL gold processing plant are designed and installed with regards on the equipment selected, extraction units and the operating parameters, capacity of the plant installed varies in reference of the tonnage processed and the grade of the ore, this project focus on installation of the plant with the capacity of processing 500 tonnes per day (500t/d or 20t/h) and the grade of the ore being low grade of 1.8-2.5g/t, medium grade of 2.6-4.2g/t and high grade ore of 4.5-10g/t, *the area of location being TAMBARARE area in Kahama District located in Shinyanga region* .

2.1: Equipment used

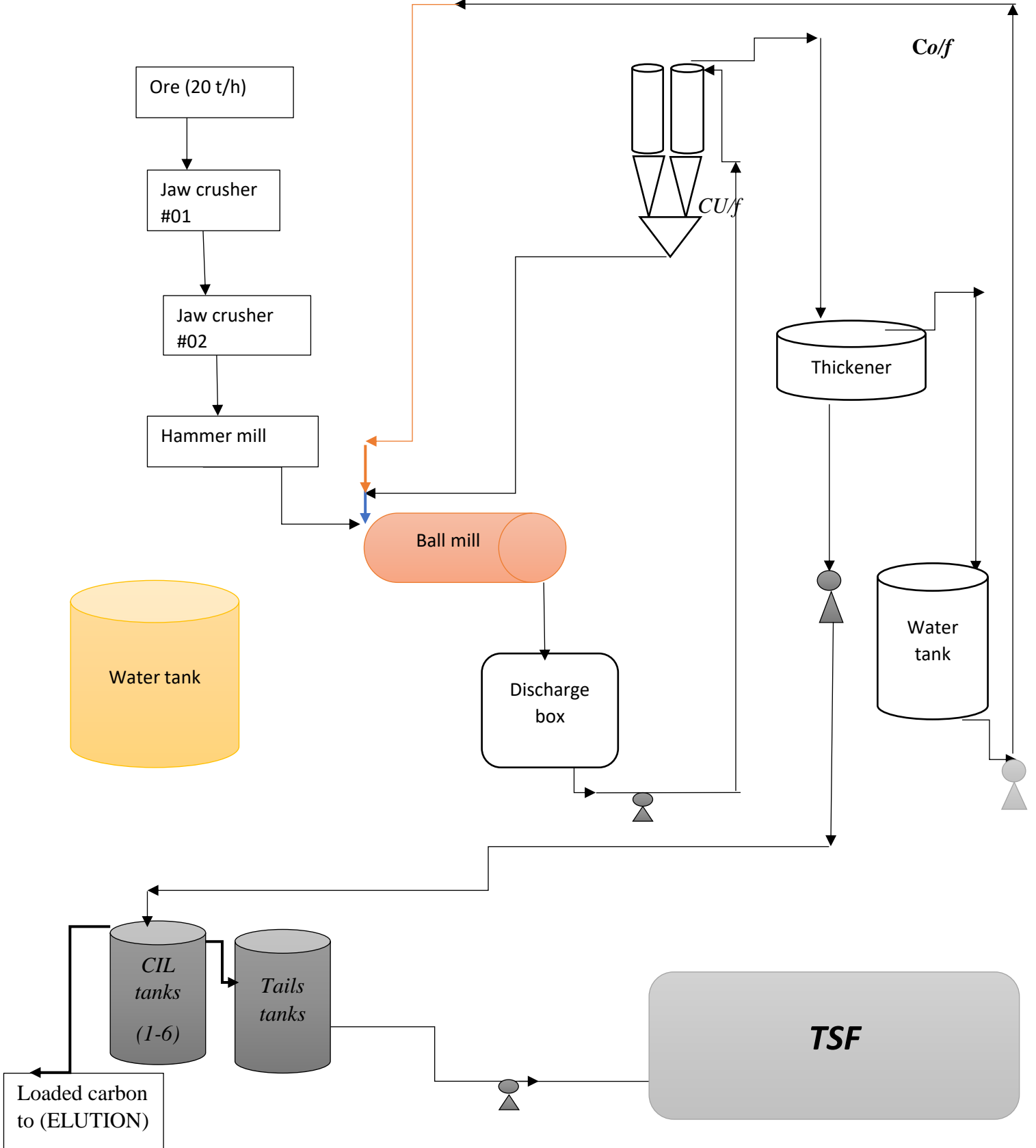
Selection of the equipment to be used on the project is based on the production capacity of the plant, medium CIP/CIL design normally involves, equipment in ore preparation part, equipment in milling and classification, thickening and leaching tanks, tailing disposal area.

2.2: Processing unit design

The process unit design expected to installed will involve the following operating equipment and their specifications,

1. Jaw crushers (1&2)
2. Hammer mill
3. Vibrating screen
4. Belt conveyors
5. Ball mill
6. Hydrocyclone
7. Thickener
8. Leaching tanks
9. Tailing storage facilities

3.0: PROJECT DESIGN FLOW



3.1: Ore preparations

3.1.1: Tailings from artisanal miners

Material preparation might be obtained from artisanal miners of which residual tailing from mercury amalgamations are collected and transported to the milling section before cyanide leaching, also ore can be mined from the pit as ROM (Run off mines) then subjected to the crushing unit, crushing makes the primary liberation and exposure of the economical particle size.



Washed
tailings
from
artisanal
miners
(2-4g/t)

3.1.2: Ore extraction from the pit

Equipment which are normally employed in ore extraction includes

- Explosives (Emulsions or ANIFO)
- Drilling Rigs
- Compressors
- Detonating cords



Mined
gold ores
from the
pit
(4-11g/t)

3.2: Grinding

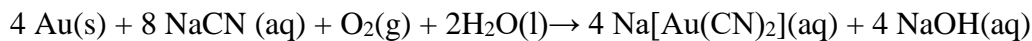
Tailings from artisanal miners are characterized with different particle size roughly ranging from $120-250\mu m$, this range is too much greater to be subjected in cyanidation process thus it is required to be reduced to less than $130\mu m$, the particle size is a key factor to facilitate cyanidation reaction since **the small the particle size the higher the surface area for gold cyanide reaction.**

In CIP/CIL design and installation it is very much important to consider the effect of particle size in gold recovery, grinding circuit also depend on the required plant throughput (amount of material treated per day). It is better to install the ball mill. A (20t/h) small ball mill used in CIP gold processing plant, it utilizes steel balls (grinding medium).

3.3: Cyanide Leaching and adsorption

Cyanide technology is mostly used in gold dissolution in CIP operations, this project will be using cyanide technology in recovering gold from its ores, to control the following dissolution equation the below listed factors need to effectively controlled.

The chemical reaction for the dissolution of gold, the "Elsner Equation", follows:



Dissolution of gold from its ore is a chemical process that depends on numbers of factors to complete the mechanism and these factors includes

- liberation of particles into required size for better reaction of the cyanide and gold particles
- pH of leaching medium(addition of lime)
- Agitations (mixing efficiency using the agitators)
- Oxygen gas(addition of air into leaching tanks)
- Cyanide concentrations (addition of cyanide solution)
- Leaching time (approximately 24 hours per batch)
- Temperature and pressure
- Pulp density

The adsorption of gold into carbon,

Gold is removed from the pulp or slurry flowing through the tanks in a treatment plant by contacting it with activated carbon, which adsorbs the gold that has been leached into solution, adsorption is the reaction between the leached gold, in the form of a gold-cyanide complex, and the surface of the carbon.

4: PRODUCTION ESTIMATION

Grade of the material is the only driving factor of the business, as most of the tails from artisanal miners are different from their value of content, in production estimation the following need to be considered.

Grade, tones treated per day, confidential level (%), carbon concentration (amount of carbon in elution batches), and concentration of gold in loaded carbons.

4.1: Estimated gold concentration in tonnes treated

Effect of grade of the ore on gold recovery (eg 3.5g/t, 2.5g/t and 4g/t)

Capacity (tpd)	Au Grade (g/t)	Estimated feed gold (g/d)	Estimated Actual gold (g/d)	CIP Estimated efficiency
200	3.5	700	595	0.85
300	3.5	1050	892.5	0.85
400	3.5	1400	1190	0.85
500	3.5	1750	1487.5	0.85

<i>Carbon Loading (ppm)</i>	<i>Amount of carbon(t)</i>	<i>Estimated gold (g/d)</i>	<i>Estimated Actual gold produced (g/day)</i>	<i>Estimated elution efficiency</i>
1000	1	1000	850	0.85
1200	1.5	1800	1530	0.85
1800	2	3600	3060	0.85
2000	3	6000	5100	0.85

<i>Capacity (tpd)</i>	<i>Au Grade (g/t)</i>	<i>Estimated feed gold (g/d)</i>	<i>Estimated Actual gold (g/d)</i>	<i>CIP Estimated efficiency</i>
200	2.5	500	425	0.85
300	2.5	750	637.5	0.85
400	2.5	1000	850	0.85
500	2.5	1250	1062.5	0.85

<i>Capacity (tpd)C</i>	<i>Au Grade (g/t)</i>	<i>Estimated feed gold (g/d)</i>	<i>Estimated Actual gold (g/d)</i>	<i>CIP Estimated efficiency</i>
200	4	800	680	0.85
300	4	1200	1020	0.85
400	4	1600	1360	0.85
500	4	2000	1700	0.85

4.2: Estimated gold recovery depending on carbon loading

This kind of estimation is the actual production of any CIP or CIL gold processing plant as it accounts the actual amount of gold loaded into activated carbons, therefore based on the amount of carbon treated we can be able to estimate the actual production of gold in grams, kilograms or ounces. The focus should only remain the *grade of the material* and *amount of carbon used in CIL*

5: DESIGNING CRITERIA

Designing a CIP on this project will involve the capacities of the equipment used and the operating parameters for the circuits (units of operations) which are

- Crushing (ore preparation parameters)
- Grinding (size reduction parameters)
- CIP (leaching parameters)

Part: A: Crushing circuit

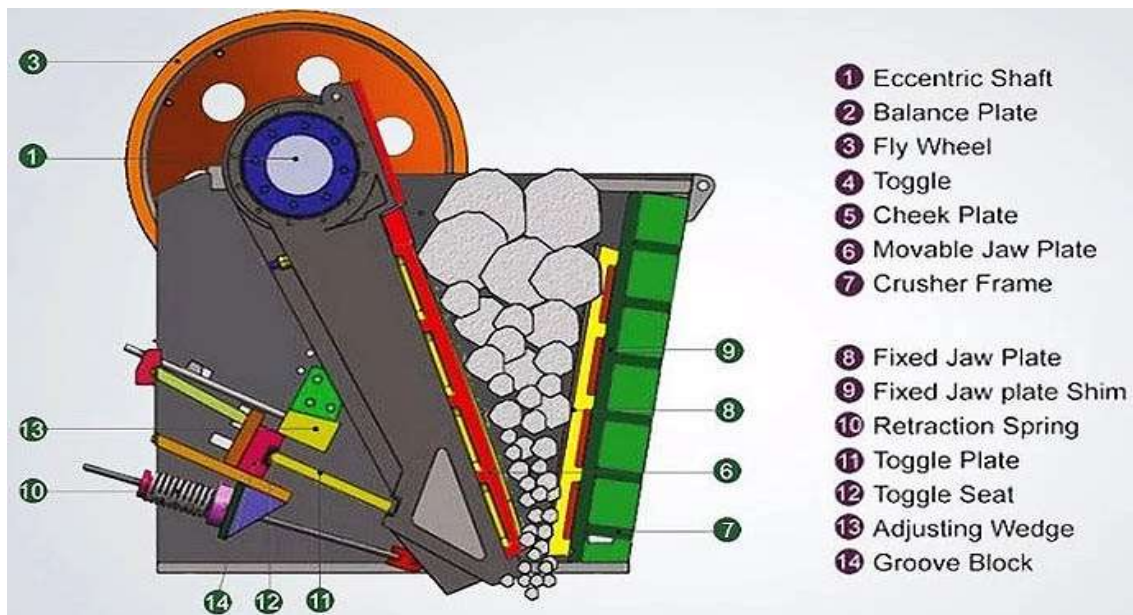
Selection of the crusher is based on the nature of the material, feeding capacity and energy consumption of the crusher. The table below can easily summarize different kinds of the crusher that can be installed.

Model	Feeding Size(mm)	Discharge Gate size (mm)	Capacity(t/h)	Motor Power(kw)	Overall Dimension(mm)
PE150×250	≤130	15-45	1-3	5.5	896×745×935
PE250×300	≤150	15-55	3-6	7.5	1050×987×1000
PE250×400	≤210	25-60	5-20	15	1215×1520×1030
PE400×600	≤350	40-90	20-100	30	1650×1588×1050
PE500×1000	≤550	40-90	20-100	40	1750×1688×1250

Model specification of the feeder

ITEM	MODEL	QTY	MARK
Chute feeder	980*1240mm	1 set	Feed into jaw crusher
Jaw crusher	PE400*600	1 set	Primary crushing
Belt conveyor	TD75-B500	1 set	Length: 20m
Belt conveyor	TD75-B500	1 set	Length: 20m
Belt conveyor	TD75-B500	1 set	Length: 10m
Swaying feeder	400*400mm	2 sets	feeding for ball mill

Jaw crusher (Model of its appearance)



Conveyor belts Technical Data

Fixed Belt Conveyor Technical Specifications										
Belt width(mm)	Belt speed (m/s)	1.0	1.3	1.6	2.0	2.5	3.2	4.0	5.0	6.5
	Capacity (m ³ /h)									
500	69	87	108	139	174	217				
650	127	159	198	254	318	397				
800	198	248	310	397	496	620	781			
1000	324	405	507	649	811	1014	1278	1622		
1200		593	742	951	1188	1486	1872	2377	2971	
1400		825	1032	1321	1652	2065	2602	3304	4130	
1600					2186	2733	3444	4373	5466	
1800					2795	3494	4403	5591	6989	9083
2000					3470	4338	5466	6941	8676	11277
2200							6843	8690	10863	14120



Part B: Grinding

Over flow Ball mill type technical data

<i>Model</i>	<i>Rotational speed (r/min)</i>	<i>Grinding media weight (t)</i>	<i>Max. Feeding size(mm)</i>	<i>Discharge size (mm)</i>	<i>Output Capacity(t/h)</i>	<i>Motor power (kw)</i>
2200x7500	21.5	35	≤25	0.074-0.4	15-25	380
2400x3000	21	23	≤25	0.074-0.4	7-50	245
2200x7000	21	35	≤25	0.074-0.4	14-26	380
2200x6500	21.7	27	≤25	0.074-0.4	15-30	300

Length (m)	Diameter (m)	Steel ball top size (mm)	Type of Liners
3.5-4.5	2-2.5	60-100	Iron steel
3.0-5	2.0-4	60-100	Iron steel

Ball mill structure and appearance



We prefer to have a complete ball mill set (with its steel balls, liners and bolts)



Part C: Hydro cyclone classifier

Its technical data and appearance

Specification	Diameter (mm)	Inlet pressure (MPa)	Capacity (t/h)	Cut size (μm)
FX350	350	0.06-0.2	70-160	50-150
FX300	300	0.06-0.2	45-90	50-150
FX250	250	0.06-0.3	40-80	75-106
FX200	200	0.06-0.3	25-40	40-100
FX150	150	0.08-0.3	14-35	20-74
FX125	125	0.1-0.3	8-20	25-50
FX100	100	0.1-0.3	8-20	20-50

The above highlighted in red color might be the best options, we exactly demand a cyclone that will be able to give the Cutsizes of 75-106 μm for better leaching efficiency



Part D: Thickening and CIL leaching tanks

Thickeners are installed in order to control the pulp density mainly from the primary cyclone overflow material which later on are subjected in to cyanide leaching, CIP operate more efficient at the slurry density of 45-50%.

material from the primary cyclone overflow normally contain a pulp density of 30-33% which is too lighter for CIP process, thus thickeners are installed to increase to increase the pulp density and recover process water for reuse in grinding and reagent mixing.

Design of thickeners and CIL leaching tanks

Tank No	Volume m^3	Diameter (m)	Height (m)	carbon (t)	% solid	agitator	Power
TANK #01	80	4.2	6	1.5	45-50	1	7hp
TANK #02	80	4.2	6	1.5	45-50	1	7hp
TANK #03	80	4.2	6	1.5	45-50	1	7hp
TANK #04	80	4.2	6	1.5	45-50	1	7hp
TANK #05	80	4.2	6	2	45-50	1	7hp
TANK #06	80	4.2	6	2	45-50	1	7hp



CIL leaching tanks

Thickener



CIL Leaching tanks

6: COST ESTIMATION OF EQUIPMENT

6.1: Equipment in geology

Equipment	Quantity	Estimated cost (USD)
Compass	2	1000
Geological hammer	3	100
GPS	2	1500
Topographical map	1	1000

6.2: Equipment in Mining (Ore Extraction)

Items	Quantity/ month	Costs \$ usd	Pieces/item	Total cost (usd)
Bulk Emulsion (S100), delivered into blast hole	4toneS	1.365	price per 1kg of emulsions	5460
Uni-Delay SP [old name, Handmaster Assembly] 9m 42/500ms	500 items	5.85	price per one item of Handmaster	2925
Pentolite Primer [old name, Pentolite Booster] 150gx38mm	500 items	4.25	price per one item of 150gm pentolite primers	2125
Trunkline, (HTD) 5m/40ms or 5m/40ms or 5m/17ms	250 items	4.15	price per one item of Trunkline(HTD) for all type of delays	1037.5
Instantaneous Electric Detonator, IED Cu 1.8m	5 items	1.65	price per one I.E.D	8.25
Exploders	2 items	43.48	price per item	86.96
Firing cord	500m		2rolls	500

6.3: Equipment in processing plant

Equipment	Quantity	Power	Estimated total cost (USD)
CIL Agitators	6 pieces	7.0 hp	7,826
Water pump	6 pieces	2.5 hp	2,000
Slurry pump	3 pieces	5.0 hp	2,500
Chemical pump	3 pieces	5.0 hp	2,000
Thickener	1 piece	8.0 hp	300,000
Gear box trammel screen	1 piece	2.5 hp	1,500
Conveyor belt	4 pieces	2.5 hp	8,000
Jaw crusher 1	1 piece	25 hp	180,000
Jaw crusher 2	1 piece	18 hp	180,000
Hammer mill	1 piece	18 hp	100,000
Empty container 40ft	1 piece	-	17,000
Compressor	2 pieces @1000kg	5.0 hp	10,000
Ball mill	1 piece	25 hp	200,000
Hydrocyclone	5pieces	4'' pipe inlet	10,000
Elution design	2 columns @1tonne	240KW	45,000
Site spot light	25	650W	2,000
CIL tank plates	6 tanks	6mm	14,000

6.4: Chemicals required to be used: (forecast estimations)

Chemicals to be used	Quantity	Estimated Cost (USD)
Sodium cyanide	40bags @ 50kg per each	8000
Flocculants AF 306	10bags @ 750kg per each	2000
Lead nitrate	3drums	1000
Hydrochloric acid	5drums	2000
Nitric acid	3drums	1000
Sodium thiosulphate	2boxes	500
Zinc powder	3pieces	20
Potassium iodide	5pieces	8
Aqua wash	4pieces	10
Lime	100bags @25kg per each	2000
Silver nitrate	15pieces	200
Tin metals	9pieces	10
Apparatus used		
Beakers	8pieces Pyrex @100ml	1500
Measuring cylinders	3 @1000mls & 2@100mls	200
Burets	2pieces	400
Dropper	4pieces	150
Retort stand	2pieces	50
Monotox	2pieces	100
Litmus paper	5pieces	15
Filter papers	3boxes	20
pH-meters	2pieces	50

6.5 Equipment in material transport:

Equipment	Quantity	Specification	Cost estimation (USD)
Trucks	4 PCS	@10Tonnes	100,000
Excavator	2PCS	CAT@9Tonnes	200,000
Wheel loader	1PCS	430 CAT	98,000
Bull dozer	1PC	D90-KOMATSU	100,000
Drilling rigs	2PCS	JKS 100	60,000
Chopper /helicopter	1PC	Bell 407 GX	900,000
Power Generator	1PC	KV 750	50,000
Site-cars	2PCS	LANDCRUSER	25,000
Site-bus	1PC	COASTER-TATA	30,000
Campus Houses	3	NORMAL (20mx6m)	3,500

7.0: PERSONAL PROTECTIVE EQUIPMENT LIST (PPEs)

1	High visibility shirt	100PCS	TOTAL COST ESTIMATED FOR PPEs \$ 3,000
2	High visibility trouser	100PCS	
3	Safety boots	100PCS	
4	Hard harts	100PCS	
5	Gum boots	30PCS	
6	Overall	15PCS	
7	Chemical suit (disposable)	50PCS	
8	Full face respirator	2PCS	
9	Half face respirator	2PCS	
10	Canisters	2PCS	
11	Safety glasses	300PCS	
12	Safety gloves	100PCS	
13	Latex gloves	30 Boxes	
14	Rubbers gloves	20PCS	
15	Dust mask	100Boxes	

8: CONCLUSSIONS

1. Equipment selected above can be modified depending on the requirement of the site and the requirement of the process.
2. Chemicals named above can also be changed depending on the nature of the ore
3. Accurate consultation should be done in any follow up to have correct information regarding equipment, design, flow sheet of the process.
4. Cost will also vary depending on the supplier or manufacturer, we strongly suggest to consider the quality and better cost for efficient plant construction and production
5. Equipment needed to be installed in elution will be developed and installed with engineering team on site.
6. General design of the plant and equipment selections will be accomplished with the consultations between the suppliers and our engineering team onsite.

9.0: CONFIDENTIALITY AGREEMENT

The undersigned reader acknowledges that the information provided in this business plan is confidential therefore The reader agrees not to disclose it without the express written permission of LHT Mining Company Limited directors are **Mr.La Qin** and **Mr. Hao Wu.**

It is acknowledged by the reader that information to be furnished in this business plan is in All respects confidential in nature other than information that is in the public domain through other means and that any disclosure or use of this confidential information by the reader may cause serious harm or damage to M/S LHT Mining Company Limited or his shareholders.

Upon request, this document is to be immediately returned to M/S. LHT Mining Company Limited

Mr. LA QIN

Mr. HAO WU

.....

.....

Signature and Date

Signature and Date

9.1: Executive Summary

LHT MINING COMPANY LIMITED will be the newest and brightest independent agent Company to Mineral dealer KAHAMA- SHINYANGA. The owners LA QIN and HAO WU

8 years' experience and previously operated a captive agent in Mineral processing plants. Desiring to offer a broader depth of products to better serve their clients' needs,. The KAHAMA-SHINYANGA came up with the name LHT Mining Company Limited not just because of its location closer to their home, but also because this independent agent will offer minerals processing plant distribution unparalleled to even the closest competitors. LHT Mining Company Limited can meet client's needs at their home, place of business, or online. And with the latest technology available, customers can utilize the latest apps to setup reminders, make payments or view policies.

LHT Mining Company Limited, all customers will be required to take a needs based test to determine what, if any, insurance products are needed. Customers can rest assured that they will purchase only products that truly meet their needs and are legitimately warranted.

9.2: Business Objectives

LHT Mining Company limited believes that in order to provide the broadest (and best!) selection of insurance services the company must continue to grow. In order to grow the business must meet the following objectives:

- Increase revenues 10% annually – thus capturing market share
- Attain direct appointments by Year 4 – thus reducing annual expense. Reduced expenses in turn can allow for increased cash flow.

9.3: Mission Statement

LHT Mining Company Limited wants to raise the bar in the Agent industry by providing excellence and the utilizing the highest principles and standards to every aspect of the business. LHT Mining Company Limited wants to empower its clients, employees and community and urge them to employ these practices as well. Because when we all do our personal best, the payoff is always a win/win.

9.4: Guiding Principles

Convenient Insurance believes in honesty, integrity and transparency in an industry that is not known for these merits. Convenient Insurance believes:

1. Honesty is the best policy. LHT Mining Company Limited staff will operate in a fair and equitable manner.
2. Always be Consistent. At LHT Mining Company Limited, they believe in “Always Be Consistent”. That each person/business is treated individually, with the greatest attention to detail. A satisfied customer is a happy person and in turn makes this world a little bit better place.
3. A commitment to people. LHT Mining Company Limited will work closely to hand select its team. All members will receive ongoing education which not only benefits the business but helps them grow as individuals as well.

9.5: Keys to Success

LHT Mining Company Limited wants to be known as the agent of choice, with a vast selection of products designed to meet every need, delivered by trained professionals, selling only need-based products, in a technologically that conserve environment. In order to accomplish these, LHT Mining Company Limited believes the following are the Keys to Success:

- Committed to its clients. By providing professional service, keeping a great credit rating, and by meeting/exceeding the annual hurdles required to continue to keep the Trusted Choice affiliation.
- A commitment to its staff. Will offer continuing education classes beginning in month 6 and continuing semi-annually to all employees. Providing tools and training ensures employees are knowledgeable and promotes personal and professional best.

9.6: Company Description

LHT Mining Company Limited is a local Private independent Company specializing in minerals processing and distribution offerings. LHT Mining Company Limited gets to know their clients based on the details the clients are willing to share so then LHT Mining Company Limited can offer target Sales coverage that fit their specific needs. LHT Mining Company Limited is dedicated to creating strong relationships with its customers, stakeholder's distributions carriers, and employees.

10.0: COMPANY OVERVIEW

Our business is all about continued production for its estimated life span and going concern aspects.

10.1. Vision

Our vision is the production of high quality product and service which meets our customers' needs more effectively than what our competitors are doing.

10.2. Mission

To be the best and most successful company in the production of gold of high quality and purity

10.3. Values

As the company we value integrity, honesty, openness, personal excellence, constructive self-criticism, continual self-improvement and mutual respect. We are committed to our customers and partners and have a passion for best product and services. We take on big challenges and pride ourselves on seeing them hold. We hold our selves accountable to our customers, shareholder, and partners honoring our commitments, providing and striving for the highest quality.

10.4. Objectives

To ensure that our annual revenue covers at least 40% of the invested capital and be known in different parts of the country and world wise

10.5. Goals

To be the leading and successful provider of quality gold and other services.

10.6: Ownership

LHT Mining Company limited will be responsible for the ownership of the business and being represented by the management of the organization in various contracts set and decisions pertaining the company. The owners of LHT Mining Company Limited are excited to have this designation and know this standard of excellence will set them apart from their traditional agent competitors. Together, they could provide a greater selection of offerings to their customers better meet their needs.

10.7: Legal Form

LHT Mining Company Limited established according to the Company Act 2002, choose this type of entity because they will have the legal protection of a corporation, but can enjoy the lower tax treatment as if they were in a limited Private Company.

10.8: Start-Up Summary

Prior to opening the doors of LHT Mining Company Limited for business had several tasks to accomplish – many of these Milestones will be addressed later in this business plan.

- For LHT Mining company requires a total of TZS 9,120,000,000.00 to launch the project
- Licenses: LHT Mining Company Limited had to obtain Council business license and security deposit.

10.9: Location and Facilities

LHT Mining Company Limited's office is located near the heart of the thriving master-planned community of TAMBARARE AREA, SEGESE in KAHAMA like wisely the Head office being in NYAMAGANA MUNICIPAL-MWANZA

10.10: Products

Products/Services Descriptions

LHT Mining Company Limited will offer the high quality gold product to meet its customer needs.

Competitive edge

- Business sustainability will be insured by the target of continuous daily production of the product in order to meet the monthly or yearly cash flow and this will show the customer exactly that our products/services are aimed at satisfying their needs to the maximum with enhancement of public's perception and recognition.

10.11: Product/Service Sourcing

In the independent company business, the focus will be Gold production on behalf of minimum expenses but maximum profit

10.12: Future Products/Services

By Year Four LHT Mining Company Limited, plans to be setup exclusively for direct appointment, which will substantially reduce overhead and provide customers with even more competitive company in Tanzania.

10.12: SWOT Analysis

SWOT stands for strengths, weaknesses, opportunities and threats. The following SWOT analysis identifies the internal and external factors that are favorable and unfavorable to Company's objectives.

10.13: Strengths

- The owners with collectively 4+ years' experience have demonstrated the proven ability to run, manage and operate the Company. All operations will be conducted and witnessed by complying with government policy according to the current Mining act.

10.14: Weaknesses

- Although the owners have years of industry experience, this is still considered a startup independent office. Startups have little preferential treatment with vendors and higher overhead and costs.
- Success is measured by policies underwritten; the owners will have time constraints initially due to limited staffing. Over time, they can build their office staff and revenues as well.

10.15: Opportunities

- The local Market have a wide variety of future opportunities; the market has diverse demographics with varying needs and a strong local business market to draw from.
- Partnering with or piggybacking off indirect competitors will provide business opportunity and meet unmet needs.

10.16: Threats

- Economic downturns, regulations, changes in health care reform, and natural disasters all affect the insurance agency's ability to keep premiums competitive.
- Technology is key; if Company does not use the latest technological advances, it could quickly slide, losing market share

10.17: Marketing Strategy and Positioning

Company will utilize a product differentiation strategy. Through this type of strategy Company will focus its efforts on holding itself apart from its peers through its broad selection of products and services delivered professionally by certified main distributor Analysts. The agents will only sell services that are needs based.

10.18: Positioning Statement

Company is a full service, independent insurance agent, providing a broad selection of products and services, specifically tailored to the individual needs

10.19: Pricing Strategy

Company will utilized competition based pricing – that is pricing based on world market fluctuations of gold price

10.20: Sales Strategy

Company has plans to grow revenues 10% in Year 2 and 10% in Year 3. These goals will be met by increases in volume. Additionally volumes are expected to increase with processing technology and model of equipment used in operations

The three year hurdle is the minimum requirement prior to being considered for direct appointment. The three year window will demonstrate Company's proven abilities to run and operate the business.

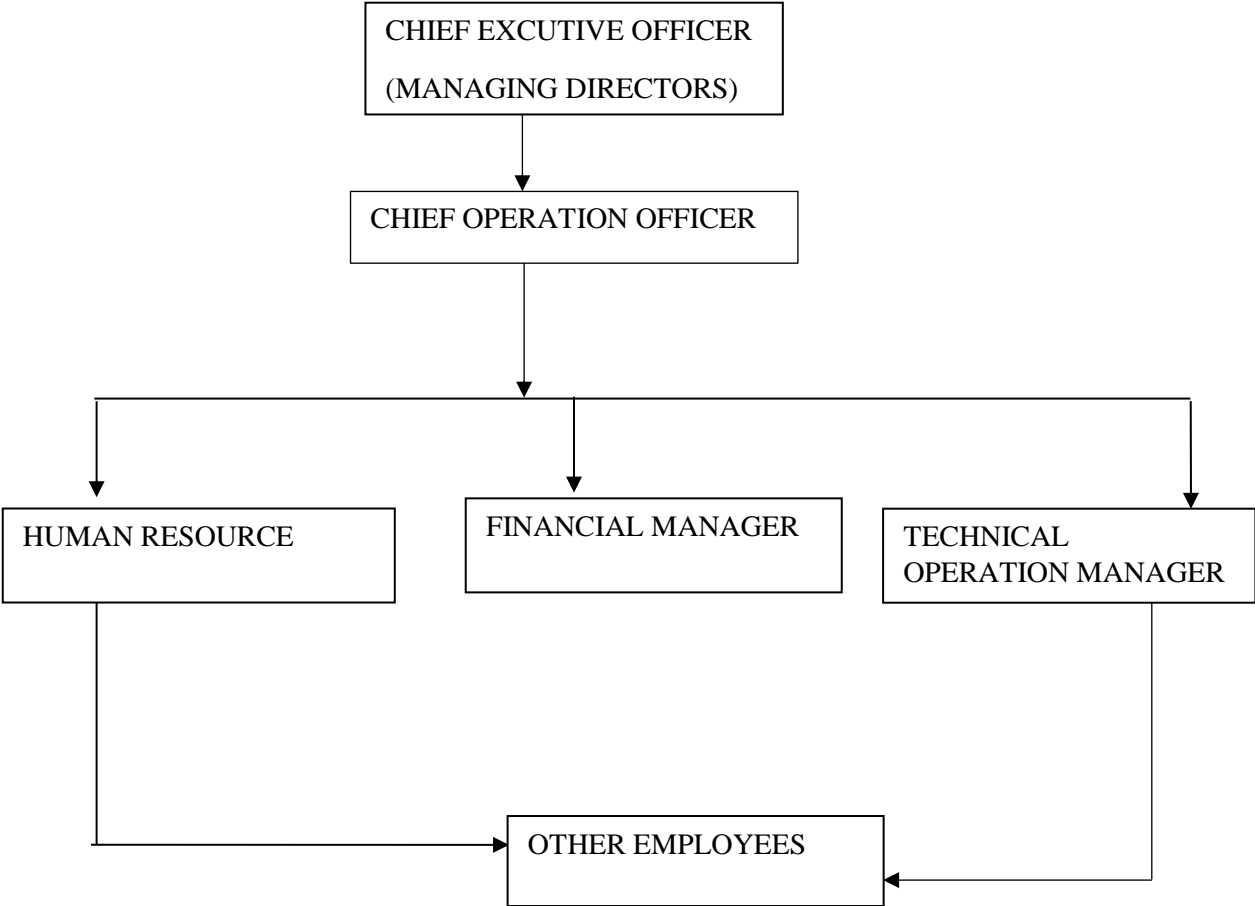
10.21: Sales Forecast

The financial analysis takes a conservative approach to revenues and assumes revenue and income streams will be derived from primary resources:

10.22: Organizational Structure

LHT Mining Company is undertaking its initial stage, the demand on the administration structures requires technical and experienced team in mining career where Geologist, mining engineers and Metallurgist will function as the core department, strongly; these core department will be supported by Human resource and finance, maintenance and security team.

Sketch;



10.23: Management Team

Company will be wholly owned and managed by the Mr. **La Qin** and Mr.**Hao Wu**

Management Team Gaps Company does not have an Accounting Department at this time. For now, the company will utilize a part-time bookkeeper and rely on their long term relationship with a reputable local CPA in the preparation of annual VAT tax returns.

- The Company is capable of handling all administrative matters. The relationship between trainer and facilitator is good. During the period and as at the date of this report, the management team of the organization comprised of:

S/No	Name	Nationality	Position
1	Mr.La Qin	Chinese	Director
2	Mr. Hao Wu	Chinese	Director

11.0: PRINCIPAL ACTIVITIES

PHASE I: The increase gold processing plant within the regional

PHASE II: Increase marketing of different type of gold by processing within the regional

PHASE III: Increase gold dealers in the regional

PHASE IV: Increase one plant processing different within the regional

1. RESULTS FOR THE PERIOD OF TWELVE MONTHS

Results of the company for the period are presented

2. SOLVENCY

The company`s state of affairs as at 31st December, 2023, presented in financial statement. There will be no matter has come to the attention of the management of company that will not remain a going concern for at next periods of the company.

3. FUTURE PROSPECTS

Company needs continuous monitoring and evaluation activities in order to appraise performance and extend relevant support to its various activities in Public of Company country area.

1) PRINCIPAL BANK USED BY COMPANY

Receipts and Payments Bank

Exim Bank Tanzania ltd

P.O.BOX 822

Mwanza

**BUSINESS PLAN PROPOSAL / MANAGEMENT ACCOUNTS REPORT FOR THE MANAGEMENT OF
LHT MINING COMPANY LIMITED P.O.BOX 34359 KINONDONI- DAR ES SALAAM**

12.0: COST ANALYSIS

**EXPECTED COST ANALYSIS OF THE TSHS 9,120,000,000 FOR THE YEAR ENDING 31ST
DECEMBER 2023**

PARTICULARS	RECEIPTS	PAYMENTS
Receipt from investors	9,120,000,000.00	
Salary and wages		562,000,000.00
Allowances		132,000,000.00
Raw materials (Ore)		1,350,000,000.00
Consumables		645,000,000.00
Processing plant construction		1,184,000,000.00
Transport & travelling expenses		1,582,000,000.00
Accommodation expenses		21,735,000.00
Office rent expense		28,505,000.00
Co-ordination, Supervision & Report Writing		130,600,000.00
Fuel Expenses		524,564,000.00
General insurance		402,564,160.00
Software expenses		18,125,800.00
Monitoring & Evaluation Expenses		12,160,000.00
Legal Requirements Constitutions		4,600,000.00
Repair & maintenance		540,162,500.00
Electricity		420,000,000.00
Water bill		

Meals expenses	360,000,000.00
Security expenses	120,000,000.00
Security camera installation expenses	47,225,750.00
Telephone, internet & postage expenses	15,105,000.00
Cleaning expenses	36,552,000.00
Training & workshops	14,400,000.00
Fire safety	18,310,600.00
Entertainment & Public relation	6,520,000.00
Medical expenses	49,860,000.00
Social security fund contributions	166,200,000.00
Workers Compensation fund	6,620,000.00
Skills development levy (SDL)	56,217,100
Research & Development expenses	112,230,000.00
Inspection expenses	28,053,000.00
Bank charges	33,020,000.00
Apparatus to be used	4,189,120.00
Mining equipment acquisition	44,235,900.00
Processing plant equipment acquisition	27,928,233.00
Material transport equipment acquisition	1,048,199,800.00
Safety equipment acquisition	1,052,550,000.00
	9,120,000,000.00
TOTAL	9,120,000,000.00

EXPECTED INCOME AND EXPENDITURE ACCOUNT

FOR PERIOD ENDED 31ST DEC 2023

		2023
	NOTES	TZS
Sales Revenue	4	11,900,000,000.00
Employment Cost	7	<u>694,000,000.00</u>
Gross Profit		11,206,000,000.00
Other Income, Exchange rate Gain		
Administration Expenses	8	1,520,000,000
Finance Cost	9	4,000,000.00
Operating Profit / Loss for the period		<u>9,682,000,000</u>
Income tax Expenses		2,504,000,000
Operating Profit for the Period		7,178,000,000
Other Comprehensive Income		-
Total Comprehensive income		<u>7,178,000,000</u>

EXPECTED STATEMENT OF FINANCIAL POSITION
AS AT 31ST DEC 2023

	Notes	2023 TZS
Assets		
Non- Current assets		
Property and Equipment	11	3,648,000,000.00
Current Asset		
Trade and other Receivables	12	-
Bank and Cash Balance	13	5,472,000,000.00
Total Assets		<u>9,120,000,000</u>
Equity and Liabilities		
Equity		
Capital Injected	14	2,300,000,000
Retained Earnings		
Non-Current Liabilities		
Long term loan		6,807,500,000
Current liabilities		
Trade and other payables	15	12,500,000.00
Total Equity and Liabilities		<u>9,120,000,000</u>

9.0: CONFIDENTIALITY AGREEMENT

The undersigned reader acknowledges that the information provided in this business plan is confidential therefore The reader agrees not to disclose it without the express written permission of LHT Mining Company Limited directors are **Mr.La Qin** and **Mr. Hao Wu**.

It is acknowledged by the reader that information to be furnished in this business plan is in All respects confidential in nature other than information that is in the public domain through other means and that any disclosure or use of this confidential information by the reader may cause serious harm or damage to M/S LHT Mining Company Limited or his shareholders.

Upon request, this document is to be immediately returned to M/S. LHT Mining Company Limited

Mr. LA QIN

La Qin 17/06/2023

Signature and Date

Mr. HAO WU

Hao Wu 17/06/2023

Signature and Date



These Financial Statements were approved by the Management team and were signed on its behalf
by

Mr. La Qin

廖钦 17/06/2023

Signature and Date

Mr. Hao Wu

吴昊 17/06/2023

Signature and Date

