

JAMHURI YA MUUNGANO WA TANZANIA
WIZARA YA NISHATI NA MADINI

Telegrams "NISHATI"
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Nukshi: +255 22 2111749
Barua pepe: ps@mem.go.tz



5 Barabara ya Samora Machel,
S.L.P 2000,
11474 DAR ES SALAAM.

Unapojibu Tafadhali taja:
Kumb. Na. BVA 12/2015/15

28/05/2015

Mega Builders Limited,
S. L. P 8946,
DAR ES SALAAM.

**YAH: KUCHUKUA LESENI YAKO YA UCHENJUAJI MADINI
(PROCESSING LICENCE).**

Rejea ombi lako la tarehe 14/11/2014 kuhusu leseni ya uchenjuaji madini (Processing Licence).

Tunapenda kukujulisha kuwa ombi lako limekubaliwa na unatakiwa kulipia ada ya mwaka ya leseni dola za Marekani (USD) 1,000.00 na ada ya kuandaa leseni dola za Marekani (USD) 200.00 kwa hiyo jumla ni dola za Marekani (USD) 1,200.00 na unaweza kulipia kwa Shilingi za Tanzania.

Unaelekezwa kuchukua leseni yako katika ofisi ya Kamishna wa Madini Dar es Salaam kabla ya tarehe 28 Juni, 2015. Maelezo zaidi ya Akaunti ya Wizara utayapata ofisini katika ankara yetu ya malipo.

M. L. Mtoro

Kny: **KAMISHNA WA MADINI**

NAKALA: Kamishna Msaidizi wa Madini,
Kanda ya Mashariki,
S. L. P 3060,
DAR ES SALAAM.

Afisa Madini Mkazi,
S. L. P 601,
MOROGORO.



Certified True Copy

THE MINING ACT, 2010
THE MINING (MINERAL BENEFICIATION) REGULATIONS, 2010
Made under Regulation 3

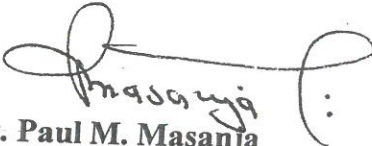
PROCESSING LICENCE No.0010/2015

Licence is hereby granted to **Mega Builders Limited** of P.O. Box 8946, Dar es Salaam to process **Gold minerals** for the period of Ten (10) years from the date of issue, at the following premises,

**Mlandizi Village,
Mvomero District.**

The license is issued subject to the following terms and conditions:-
**ALL TERMS AND CONDITIONS OF THE REGULATIONS MADE UNDER THE
MINING ACT, 2010**

Granted at Dar es Salaam this 25TH day of MAY, 2015


Eng. Paul M. Masanja
COMMISSIONER FOR MINERALS

Note:-

1. This license must be displayed at the place of business specified herein.
2. The license shall be liable for the due in lieu payment of royalties and other prescribed fees in respect of all minerals bought, sold, received or exported by him.



Handwritten signature and notes at the bottom right of the page.

ANNUAL RENT PAYMENTS

Year	ERV	Amount (Tshs.)	Date	Signature & stamp
1.	6160230	USD 1,000.00	29/09/2015	Demuyi Yang Ministry of Water and Energy DAR FX
2.
3.
4.
5.
6.
7.
8.
9.
10.

MINISTRY OF ENERGY AND MINERALS

REVENUE COLLECTION FORM

DATE 29/05/2015

The Permanent Secretary
Ministry of Energy and Minerals

Dar es Salaam.

Please collect following revenue from M/S. MEGA BUILDERS LIMITED
P.O. BOX 8946 DARESSALAAM.

No.	NATURE OF PAYMENTS	AMOUNT DUE	E.R.V. NUMBER	DATE
1.	Preparation fees for Processing licence No 0010/2015	USD 2000	6160229	29/5/2015
2.	First Annual licence Fees for Processing licence No 0010/2015	USD 1,000	6160230	
TOTAL		USD 1,200		

Prepared by: Name Dennis S. Mungo

Signature Dennis Mungo

Authorized by: Name R. A. NYIA

Signature [Signature]

Accountant Name M. Mwatajuma S.

Signature [Signature]



Certified True Copy

C.C. Customer

(The Customer is required to present a copy of this form with original ERV to the Licence unit for registration)

NATIONAL MICROFINANCE BANK

- i) USD. PS - MINISTRY OF ENERGY AND MINERALS A/C 2017300060.
- ii) TSH. PS - MINISTRY OF ENERGY AND MINERALS A/C 2011100072.

[Signature]
17/07/2015



NATIONAL MICROFINANCE BANK PLC
FOREX DEPOSIT SLIP
FOMU YA KUWEKA FEDHA

Branch/Tawi

BANK HOUSE

Bank House

Date/Tarehe

29/05/2015

29-MAY-2015

Account Number

Nambari ya Akaunti

21011731900160

20107300060

Account Name

Jina la Akaunti

MINISTRY OF ENERGY +

PS MEM HEADQUARTER FOREX REVENUE AC MINERALS
CASH/ FEDHA TASLIM

FJB1514969332590

Amount in Figures
Kiasi kwa Tarakimu

\$ 1200

One thousand two
Hundred Dollars only

Amount in Words
Kiasi kwa Maneno

One thousand two
Hundred only -
DOLLARS.

Dollar One Thousand Two Hundred Only

Denomination / Mnyambulisho	Amount/Kiasi	
	USD / EUR / GBP	
500	12	1200 =
200		
100		
50		
20		
10		
5		
2		
1		
TOTAL / JUMLA	12	1200 =

MEGA BUILDERS LIMITED

Depositer's Signature
Saini ya Mwekaji

FOR MEGA BUILDERS LIMITED

Teller Signature and Stamp
Saini na Mhuri wa Mtunza Fedha
29 MAY 2015 AM03754
TILL No. 3
Bank House Branch 160108, D'Salaam

This form will be valid only if printed, signed by the customer, countersigned and stamped by the teller.
(Fomu hii itakuwa sahihi iwapo itakuwa na maelezo na saini ya mteja, pamoja na mhuri na saini ya mhasibu fedha)
02-10-017
M.L.P



Certified True Copy

[Signature]
17/09/2024

Mega Builders Ltd
Po box 5767
Daresalaam

The Resident Mining Officer
Po box
Morogoro
Ref1/2020 Dt 17/7/2020

Ref- Gold Processing Plant at Mlela Morogoro
Processing Licence No 0010/2015

Sir

We acknowledge the receipt of Bill to pay Usd 1500/and submit you the Bank Slip dated 17/7/2020 of Payment

We also assure you that we will clear the balance due within 1 year

We inform you that we are resuming activities at Plant site and have qualified and experienced technicians

We can supply the details

Thanks

For Mega Builders

Director
Po box 5767
Daresalaam

Mob +255673019283



Certified True Copy
[Signature]
17/07/2020

Mega Builders Ltd
Po box 5767
Daresalaam

The Resident Mining Officer
Po box
Morogoro
Ref1/2020 Dt 17/7/2020

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We can supply the details

Thanks

For Mega Builders


Director


Po box 5767

Daresalaam

Mob +255673019283



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17/07/2020

cc - Mvomero Dt 17/8/2020 -

Attn - Office Mjya/Morogoro

By whats app no 0713556415



Jamhuri ya Muungano wa Tanzania

United Republic of Tanzania

Mining Commission

Exchequer Receipt

Stakabadhi ya Malipo ya Serikali

Receipt No : 920199000060013

Received from : MEGA BUILDERS LIMITED

Amount : 1,000.00 USD

Amount in Words : One Thousand United States of
America Dollar Only

In respect of : **14010128 - Annual Licence fees
for Processing Licence**

Bill Reference : PDL0010/2015 - Annual Licence
fee 2016/17

Payment Control Number : **995020152408**

Payment Date : **2020-07-17 00:00:00.0**

Issued by : BUPE ELIEZA

Date Issued : 17-07-2020 12:02:16

Signature : 

RESIDENT MINES OFFICER
MOROGORO



Copy Two





Jamhuri ya Muungano wa Tanzania

United Republic of Tanzania

Mining Commission

Exchequer Receipt

Stakabadhi ya Malipo ya Serikali

Receipt No : 920199000075520

Received from : MEGA BUILDERS LIMITED

Amount : 500.00 USD

Amount in Words : Five Hundred United States of
America Dollar Only

In respect of : **14035719 - Penalty from Mineral
Rent**

Bill Reference : PCL0010/2015 - Penalty for Licence
fee

Payment Control Number : **995020152414**

Payment Date : **2020-07-17 00:00:00.0**

Issued by : BUPE ELIEZA


Date Issued : 17-07-2020 12:34:35

Signature : 

RESIDENT MINES OFFICER
MOROCCO



*Certified True
Copy*



THE UNITED REPUBLIC OF TANZANIA
PRIME MINISTRY OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
MVOMERO DISTRICT COUNCIL

Simu Na. 023 - 261 3223
Fax Na. 023 -261 3007
Email:
mvomerodistrict@yahoo.com



SANITATION AND ENVIRONMENT DEPARTMENT,
P.O.BOX. 663,
MVOMERO,

26/06/2013.

Ref. No MVDC/ M. 20/1/ 29

DISTRICT EXECUTIVE DIRECTOR
MVOMERO DISTRICT COUNCIL
P.O.BOX 663
MOROGORO

**RE: SCREENING REPORT FOR THE ESTABLISHMENT OF GOLD AND COPPER PROCESSING
PLANT (LEACHING) AT MLANDIZI VILLAGE IN MVOMERO DISTRICT.**

Kindly refer to the above mentioned subject and letter to stop mining activity at Mlandizi Village with reference number MVDC/V.10/114 of 20 May, 2014.

I hereby present to you a screening report for the Gold and Copper processing project at Mlandizi village in Mvomero District. It is known that For any person who want to undertake a project have to agree with terms and conditions provided by Environmental Management Act of 2004 cap 191 section 81 (part 1, 2 and 3) Gold and Copper processing project at Mlandizi village is done by Mega Builders Gold Processing Project of Dar es Salaam.

District Environmental Management officer, performed screening at the project area as part of our responsibility to assess the possible environmental positive and negative impacts that could happen as a result of such undertaking project in the District.

The District has Environmental management plan which will enable periodic environmental assessment for the project before, during implementation and after its implementation so as to maintain natural environmental conditions

I hereby again present to you that I have agreed for the project to be undertaken at Mlandizi Village in Mvomero District since this is a sub-project and may create few minor and easily mitigatable environmental problems. The project must have the option to adhere to all Environmental regulation rules from the period of its commencement till the end as stated by EMA, 2004. (*Environmental and social screening form is attached*)


.....
Azizi Msuya

DISTRICT ENVIRONMENTAL MANAGEMENT OFFICER
MVOMERO DISTRICT COUNCIL

CC: District Commissioner, Mvomero District.
CC: Honorable Councilor, Melela Ward
CC: Ward Executive Director, Melela Ward.
CC: Chairman of the Village, Mlandizi Village

ENVIRONMENTAL AND SOCIAL SCREENING REPORT

**PROJECT: ESTABLISHMENT OF GOLD AND COPPER PROCESSING
PLANT AT MLANDIZI VILLAGE IN MVOMERO DISTRICT**

PROPONENT: MEGA BUILDERS Ltd

PREPARED BY: MVOMERO DISTRICT COUNCIL

DEPARTMENT OF ENVIRONMENT AND SANITATION

P.O.BOX 663, MOROGORO

DATE: JUNE, 2014

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LIST OF ACCRONYMS

- EIA - Environmental Impact Assessment
- ESIA - Environmental and Social Impact Assessment
- STDs - Sexual Transmitted Diseases
- HIV - Human Immune-deficiency Virus
- AIDs - Acquired Immune Deficiency Syndrome
- ESSF - Environmental and Social Screening Form
- MVDC - Mvomero District Council

1. INTRODUCTION

Project screening is the preliminary stages of Environmental Impact assessment (EIA)/Environmental Auditing. The screening will guide the proponent/developer toward recommended Environmental Impact assessment/Environmental Auditing. Mvomero District will conduct this screening process on proponent/developer's cost. This screening exercise will be carried out by Department of Environment and Sanitation. This is done in compliance to National Environmental Management Act, 2004.

The department will use Social Screening Form (ESSF) to assist in the evaluation of the project. The information from the form will allow the reviewers to determine the characterization of the prevailing local biophysical and social environment with the aim to assess the potential subproject impacts on it. The ESSF will also identify potential socio-economic impacts that will require mitigation measures and/or resettlement and compensation. Finally this screening report will give the required Environmental Management Plan together with recommendation as well as mitigation measures.

2. BACKGROUND OF THE PROJECT

The Proposed project is about the establishment of the small scale gold and copper processing at Mlandizi village, Mvomero district. The project will be established by Mr.BS Malik. The main objective of the project is to conduct the small scale gold and copper processing.

3. OBJECTIVE OF ENVIRONMENTAL SCREENING

Environmental screening is done in order to identify all the environmental impacts (both positive and negative impacts) that could arise from the proposed project and hence come out with comprehensive recommendation toward environmental management and conservation.

4. METHODOLOGY

The screening exercise involved both site visit and office work. The environmental expert from Mvomero District visited the project site to have the site verification on site environments. The information extracted from the ESSF document was used to produce this report as well. The ESSF document is attached.

5. DESCRIPTION OF THE PROJECT

Small scale mining started in Mlandizi and Mangae villages around year 2003. As of current small scale mining is being conducted at different areas in the two villages. About 100 small scale miners are assumed to be involved in the mining activities in this area.

Mining method involves excavation of shafts to approximated depth of 10 – 30 metres using simple hand tools such as hammer, shovels, and metal bar to reach the gold mineralized zones. Sometimes blasting is done using the explosive. The mined ore is packed into bags and transported to the surface then to the processing site. The processes involve the grinding of the ore then mix with water to end product of slurry. The slurry is allowed to run on the trough from top to bottom. The gold in slurry is trapped on mat and is later recovered and panned with mercury to amalgamate the gold. The resulting amalgam is squeezed to remove mercury and then burned in bone fire to drive off the mercury before it is sold.

6. IDENTIFIED ENVIRONMENTAL AND SOCIAL IMPACTS

Based on the site visit as well as on the information extracted from the ESSF document, the following were the Environmental and social impacts which are classified into negative and positive impacts.

6.1 Positive Impacts of the sub project

- **Creation of employments**

New jobs will be created at the project site whereby it will benefit both local surrounding community and other staffs outside the project area.

- **Raising the village's and District's source of income**

The project may lead increase in village as well as District's source of income either directly or indirectly through tax paying.

- **Infrastructures improvement**

Repairing of some of the road sites such as bridge may be done to allow the accessibility of the project site.

- **Supporting of social services**

The support for social services such as donation to school and hospital/ dispensary construction

6.2 Negative Environmental and Socio Impacts

- **Loss of vegetation cover**

Considerable amount of vegetation will be cleared especially on the sites where ores will be taken and on site where all the operations will take place.

- **Air pollution**

This will be caused by dust produced during the processing of the ore as well as due to change in fuel use in generators and engines.

- **Habitat destruction**

Although there are no large wild animals found, but still there is existence of small animals such as snakes, lizards, birds and rats. The project could disturb the habitats of such animals.

- **Land pollution**

This could be caused by human waste from the temporary labors that will be assisting the project activities. Lack of latrines could also accelerate the problem.

- **Land degradation**

Land degradation could be caused by excavation activities as well as during the processing of the ore due to contamination from the mercury remains.

- **Creation of vector habitats**

Excavation activities as well as water storage facilities could lead to creation of vector habitats such as mosquito which cause spread of malaria.

- **Affecting aesthetic conditions**

Due to clearance of vegetation, the aesthetic condition of the area might be altered and hence affect the attractive nature of the area to the surrounding community.

- **Spread of Sexual Transmitted Diseases (STDs)**

Increase in migrant labors could lead to sexual practices that could lead to various sexual transmitted diseases such as HIV/AIDs.

- **Lead to theft behavior**

Increase of people from different places could bring thieves to the project site after value of the place is known to others.

- **Occupational Accidents**

Due to use of low technology, various occupational accidents may occur due to poor engineered system. Example collapse of the ore holes may occur during the rain season.

7. CONCLUSION AND RECOMMENDATIONS

7.1 RECOMMENDATIONS

At this stage of the project which mainly involve small scale gold and copper processing, the following are recommended environmental actions .

- Perform Limited Environmental Assessment
- Perform Environmental Auditing within 12 Months
- Prepare and implement the Environmental Management Plan

7.2 CONCLUSION

The screening of the sub project was done successfully and a number of impacts were identified. After the analysis of the Identified Impacts, it was seems that the project may create minor Environmental problems which can be easily mitigated as stipulated in Environmental Management plan. Therefore at this stage the project require the Limited Environmental Assessment which is included in the Screening Form. Environmental Auditing Should be conducted within 12 Months of the project execution.

ENVIRONMENTAL AND SOCIAL SCREENING FORMS

The Environmental and Social Screening Form (ESSF) has been designed to assist in the evaluation of projects. The form is designed to place information in the hands of proponents or developers and reviewers so that impacts and their mitigation measures, if any, can be identified and/or that requirements for further environmental analysis be detailed.

The ESSF contains information that will allow reviewers to determine the characterization of the prevailing local biophysical and social environment with the aim to assess the potential project impact on it. The ESSF will also identify potential socio-economic impacts that will require mitigation measures and/or resettlement and compensation.

This form must be filled by the district staff after communities have accepted the type of project to be implemented and form part of application.

PART A: General Information

1. Name of project: **Gold and Copper processing project**
2. Name of the Village: **Mlandizi**
3. Name of Ward: **Melela**
4. Name of District: **Mvomero District Council**
5. Name of Executing Agent: **Mega Builders Ltd**
6. Name of the Approving Authority: **Mvomero District Council**
7. Name, Job title, and contract details of the person responsible for filling out this ESSF:

Name: **Azizi Msuya**

Job Title: **District Environmental Management Officer**

Telephone Number: **0752 261 982/ 0713 018 447/ 0682 821 446**

Fax Number: **023 -261 3007**

Email Address: **azimsuya@gmail.com**

Date **26/05/2014** Signature..... 

PART B: BRIEF DESCRIPTION OF THE ENVIRONMENTAL SITUATION AND IDENTIFICATION OF ENVIRONMENTAL AND SOCIAL IMPACTS

Describe the -project location, sitting, surroundings (include a map, even a sketch map).

The project is located at Mlandizi Village, Melela ward. The project is situated closely to the Iringa High way.

Describe the land formation, topography, vegetation in/adjacent to the project area.

The nature of the land is plain characterized with natural vegetation cover. There is small valley with season water flow across the area.

Estimate and indicate where vegetation might need to be cleared.

The area coverage of the project is almost 9 hectares; occupied space for office building and processing of minerals is not more than 2 hectares.

Environmental sensitive areas or threatened species, Are there any environmentally sensitive areas or threatened species (specify below) that could be adversely affected by the project?

1. Forestry areas and Habitats

Description	Yes	No	Not known
Intact natural forests		✓	
Riverine forest		✓	
Surface water courses, natural springs		✓	
Wetlands (lakes, rivers, swamp seasonally inundated area)		✓	
How far is the nearest wetland (lakes, river, seasonally inundated areas)		✓	
Area of high biodiversity		✓	
Habitants of endangered/threatened for which Protection is required under Tanzania Law.		✓	

2. Geology and Soils

Description	Yes	No	Not known
Is there any possibility of soil instability in the project area? E.g. black cotton soil, earthquake, landslide, subsidence		✓	
Is there any possibility of the area having risks of large scale increase in soil salinity?	✓		
Based on inspection, is there any possibility of the area being prone to floods, poorly drained, low-lying, depression or block run-off – water?		✓	

i. Contamination and Pollution Hazards

Description	Yes	No	Not known
Is there any possibility that the project will be at risks of contamination and pollution hazards from and latrines, dump sites, industrial discharge etc?		✓	

4. Lands

Description	Yes	No	Not known
Are there farm lands in the project area		✓	
Will project result in more or improved farm lands		✓	
Will projects result in less or damaged farm land		✓	
Will the project results in loss of crops, fruit trees or household infrastructures (e.g. livestock shed, toilets, granaries)		✓	
Will the project interfere or block access, routes (e.g. for people, livestock etc.		✓	

5. Soil Erosion

Description	Yes	No	Not known
Will project help to prevent soil loss or erosion		✓	
Will project directly cause or worsen soil loss or Erosion	✓		
Could project indirectly lead to practices that could cause soil loss or erosion	✓		
It is necessary to consult a solid scientist?		✓	

6. Slope Erosion

Description	Yes	No	Not known
Does project involve modification of slopes?	✓		
Will project affect stability of slopes directly or indirectly?	✓		
Could project cause people or property to be located where existing unstable slopes could be a hazard?		✓	
It is necessary to consult a geo-technical engineer?		✓	

7. SURFACE WATER QUANTITY

Description	Yes	No	Not known
Do surface water resources exist in project area?		✓	
Is information available on present land future demands on water resources as a result of the project		✓	
Will project help to increase or preserve available surface water supplies	✓		
Will project increase demand or cause loss of available surface water		✓	
Is it necessary to consult a hydrologist		✓	

8. SURFACE QUALITY

Description	Yes	No	Not known
Is current data available on existing water quality		✓	
Will project lead to additional natural or manmade discharges into surface water	✓		
Will project help to improve or protect surface water quality		✓	
Could project cause deterioration of surface water quality	✓		
It is necessary to consult water quality expert		✓	

9. GROUND WATER QUALITY

Description	Yes	No	Not known
Do ground water resources exist in project area?			✓
Is information available on demands on ground water resource as a result of the project?		✓	
Will project help to increase or preserve available ground water supplies?			✓
Will project increase demand or cause loss of available ground water?			✓
Is it necessary to consult hydrologist?	✓		

10. GROUND WATER QUANTITY

Description	Yes	No	Not known
Is information available in present water quality		✓	
Will project cause any natural or man-made discharge into ground aquifer			✓
Will project help to improve or protect ground water quality			✓
Could project cause deterioration of ground water quality			✓
Is it necessary to consult a hydrologist	✓		

11. AIR QUALITY

Description	Yes	No	Not known
Is information available on existing air quality?	✓		
Will project produce any air emission directly?		✓	
Will project help to reduce existing air pollution sources?	✓		
Could project lead to practices that worsen air quality?		✓	
Could project lead to a change in engine or fuel use that could cause serious air problem?		✓	

12. NOISE

Description	Yes	No	Not known
Is noise now a problem in project area?		✓	
Will project help in reducing undesirable noise conditions?	✓		
Will project cause increases in noise generating conditions?		✓	
Could project cause movements of people to high noise level locations?		✓	

13. AQUATIC ECOSYSTEMS

Description	Yes	No	Not known
Are there any aquatic ecosystems in the project area such as rivers, streams, lakes or ponds, which might be considered significant?		✓	
Will project affect the condition and use of these systems for human consumption?		✓	

14. WETLAND ECOSYSTEMS

Description	Yes	No	Not known
Are there any wetlands ecosystems in the project area such as marsh, swamp, flood plains, or estuary, which might be considered significant?		✓	
Will project affect the use or condition of such wetlands?		✓	

15. TERRESTRIAL ECOSYSTEMS

Description	Yes	No	Not known
Are there any terrestrial ecosystems in the project area such as forest, savanna, grassland or desert which might be considered significant?		✓	
Will project affect the use or condition of such system?		✓	

16. ENDANGERED/ THREATENED/RARE/ENDEMIC/SPECIES

Description	Yes	No	Not known
Is the existence of endangered species in the project are knows?		✓	
Will project affect the habitant of any such species?		✓	

17. MIGRATORY SPICES

Description	Yes	No	Not known
Do migratory fish, birds, or manuals use the project area?		✓	
Will project affect the habitat and numbers of such species?		✓	

18. BENEFICIAL PLANTS

Description	Yes	No	Not known
Do non-domesticated plants occur in the project area which are used or sold by local people?		✓	
Will project affect these species by reduction their habitant and number in any way?		✓	

19. BENEFICIAL ANIMALS AND INSECTS

Description	Yes	No	Not known
Do non-domesticated animals occur in the project area which are used or sold by local people?		✓	
Will project affect these species by reducing their habitat and number in any way?		✓	

20. PEST (Plants and Animal)

Description	Yes	No	Not known
Are there currently any problems with pest (plants or animals) in the project area?		✓	
Are there any plants or animals in the area, which might become pest because of ecological changes brought about by the project?		✓	
Will project improve increase the habitat for such species?		✓	

21. DISEASE VECTORS

Description	Yes	No	Not known
Are there known disease problems in the project area transmitted through vector species?		✓	
Will project increase vector habitat?		✓	
Will project decrease vector habitat or provide opportunity for control		✓	
Are there clinics or other disease control programmes in operation or planned for the area?		✓	
Is it necessary to consult a public health officer?		✓	

22. RESOURCE/LAND USE

Description	Yes	No	Not known
Are lands in the project area intensively developed?		✓	
Will project increase pressure on land resources?	✓		
Will the projects result in decreased holdings		✓	
Should a land use planner be consulted	✓		
Will the project result in land uptake?			✓

23. ENERGY SOURCE

Description	Yes	No	Not known
Will the project increase demand for conventional energy sources?	✓		
Will the project create demand for other energy sources?	✓		
Will the project promote supply of conventional energy sources?	✓		

24. DEGRADATION OF RESOURCES DURING CONSTRUCTION

Description	Yes	No	Not known
Will the project involve considerable use of natural resources (construction materials, water spillage, land energy that may lead to depletion or degradation at point source?)	✓		

25. DISTRIBUTION SYSTEM

Description	Yes	No	Not known
Will the project enhance the equitable distribution of agricultural and/or manufactured products?		✓	
Will the project increase demand for certain commodities within or outside the project area?	✓		
Will the project result in decrease in production of certain vital commodities		✓	
Will the project enhance equitable distribution of benefits?	✓		

26. EMPLOYMENT AND INCOME

Description	Yes	No	Not known
Will the project increase rate of employment?	✓		
Will the project remove job opportunities from the area?		✓	
Will the project increase income sources or means of livelihood?	✓		

27. AT RISK POPULATION

Description	Yes	No	Not known
Will the project increase rate of employment?	✓		
Will the project remove job opportunities from the area?		✓	
Will the project increase/decrease income sources or means of livelihood?	✓		

28. LAND ACQUISITION AND LIVELIHOOD

Description	Yes	No	Not known
Will land be acquired?		✓	
Will people's assets or livelihoods be impacted?		✓	
Will people lose access to natural resources?		✓	

29. EXISTING POPULATION

Description	Yes	No	Not known
Are there currently any people living in or near the project area?		✓	
Will the project affect people in or near the project area?		✓	
Has liaison been established with the community			✓
Will community participation in the project design and implementation necessary?	✓		
Is it necessary to consult a sociologist?		✓	

30. MIGRANT POPULATION

Description	Yes	No	Not known
Are there currently any mobile groups in the target population?		✓	
Will projects result in the movement of people in or out of the area?	✓		
Is it necessary to consult a sociologist?		✓	

31. CULTURAL AND RELIGIOUS VALUES

Description	Yes	No	Not known
Are cultural characteristics unique to the projects understood?			✓
Will the project adversely affect religious and/or cultural attitudes of area residents?		✓	
Are there special superstitions or taboos that will affect acceptance of the project?		✓	

32. TOURISM AND RECREATION

Description	Yes	No	Not known
Is there at present a significant degree of tourism in the area?		✓	
Is there unexpected tourism or recreational potential in the area?		✓	
Will the project adversely affect existing or potential tourist or recreation attractions?		✓	

33. MAINTENANCE AND REPAIRS

Description	Yes	No	Not known
Will the project require frequent maintenance and repair?	✓		

PART C: CONCLUSION

Summary of the table	Safeguard requirements	Tick
All the above answers are NO	No need to take further action	
There is at least one Yes	Perform Environmental Review	
There are many Yes	Perform either Environmental Review or Limited Environmental Assessment (LEA).	✓

Which courses (s) of action do you recommend?

- i. No further action if project has no impacts on environment
- ii. Simple Environmental Review (ER) if project may create a few minor and easily mitigatable environmental problems.
- iii. Limited Environmental Review (LEA) if project may create minor environmental problems that requires site visit or construction modifications to minimize or eliminate impact.
- iv. Environmental Auditing if the project will result into potentially significant direct or indirect adverse impact as per NEMC guidelines
- v. Full Environmental Impact Assessment (EIA) if the project will result into potentially significant direct or indirect adverse impact as per NEMC guidelines
- vi. Resettlement Action Plan (RAP) if the project will result in resettlement of affected people.
- vii. Any other recommendation (Explain)

This form has been completed by:

Name: Azizi Msuya

Title: District Environmental Management Officer

Date: 26/05/2014

Signature: *Azizi Msuya*

Approved by LGA Executive Director

Name: A.A Mwakalyelye

Title: District Executive Director

Date: 31/7/2014

Signature: *A.A Mwakalyelye*

MKURUGENZI MTENDAA
HALMASHAURI YA WILAYA
MVOMERO

LIMITED ENVIRONMENTAL ASSESSMENT (LEA) FORM

1. Project Name: Mega Builders Ltd:
2. Location (Village/Ward, District): The Project is located at Mlandizi village in Melela Ward within Mvomero District Council.
3. **General Description of the Project:**
 1. Project objectives: small scale gold and copper processing.
4. **Baseline Description of affected Environment**
 - 4.1 Description of physical chemical Environment (Soil, air, water, etc):
Water, air and soil will be affected
 - 4.2 Description of Biological Environment (Habitats and Communities; Flora etc):
Flora and fauna will be affected
 - 4.3 Description of Social –economic Environment (historical sites, aesthetic aspects, public aspects, infrastructure): Aesthetic aspects will be affected
5. **Identification of Negative Environmental Impacts**
 - 5.1 Impacts in the physical –chemical environment (soil, water, air) water and air will be affected
 - 5.2 Impacts on the Biological Environment (Flora, habitats and communities etc)
Flora and fauna will be affected.
 - 5.3 Impacts on socio-economic environment (historical sites, aesthetic, public health, infrastructure etc): aesthetic condition will be affected
6. **Description of mitigation measures.**
As the part of this screening report, the Environmental Management plan will ensure the sustainable implementation of the project as it provide the possible Impacts, mitigation measures as well as the responsible person to assist the implementation of this Environmental Management Plan.

S/N	Potential impact	Mitigation measures	Responsible person
1.	Clearance of vegetation	Restoration and rehabilitation of the sites Reforestation of the bare land	District Environmental Management Officer, District Forestry Officer, District Land Officer, Village council
2.	Creation of pits and holes	Restoration of the site by draining and filling the pit with rubble	District Engineer, District Environmental Management Officer, Village council,

3.	Death of people (occupational accidents)	Enforcement of Occupational Health Safety practices	District Health Officer, District Engineer, District Environmental Management Officer
4.	Contamination of water sources	Treatment of wastewater before released.	District Environmental Management Officer, District Health Officer, District Water Engineer
5.	Over use of available water source	Reuse of treated waste water for operation	District Engineer, District Environmental Management Officer, District Water Engineer
6.	Air pollution due to blasting	Site alternative, Use of less polluting explosive materials. Resettlement of surrounding community.	District Environmental Management Officer, District Health Officer, Community Development Officer, Village Council.
7.	Theft behavior	Establishment of security system Involve the nearby community and supplying of social services Establishment of alternative economic activities such as bee keeping	District Community Development Officer, Village Council,
8.	Creation of Human Waste	Provision of Latrine Provision Environmental Health Education	District Environmental Management Officer, District Health Officer
9.	Pressure on timber required for construction e.g. doors, window and other furniture's	Buying poles, timber and furniture from licensed dealers Use of alternative materials such as Aluminium and plastics	District Forest Officer, District Natural Resources Officer, District Environmental Management Officer, District Engineer
10	Land and water pollution	Establishment of treatment system for waste materials Provision of well engineered waste water treatment system	District Environmental officer District water Engineer
11	Habitat destruction	Provide the restoration/ rehabilitation plan for the threatened species	District Environmental Management officer District Natural Resources Officer

12	Creation of the vector habitat	Backfilling the burrow pits and re-instate them. Destroy all the vector production sites in the project area Provide protective tools for malaria such as mosquito nets and pesticides	District Health Officer District Engineer District Environmental Management officer
13	Increase of greenhouse gas emission	Contribute to Tree planting activities for re-forestation	District Environmental Manager District Forest officer
14	Over abstraction of water source	Obtain the water user right from responsible authority Establish waste water treatment system for re-use	District Water Engineer District Environmental Management Officer

Report prepared by:

Name: Azizi Msuya

Position: District Environmental Management Officer

Signature..... *Azizi Msuya*

Date..... 26/05/2014

Approved by

Name: A.A Mwakalyelye

Position: District Executive Director

Signature..... *A.A Mwakalyelye*

Date..... 3.7.2014

MWENZI INTENDA
MACHAKA OFI YA WLAYAT
DISTRICT