



# Consulting Services for the Preparation of the Environmental and Social Impact Assessment (ESIA) Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province

## UPDATED RESETTLEMENT ACTION PLAN (RAP) FOR THE ENFORCEMENT OF 100M MANDATORY ROAD RESERVE

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## EXECUTIVE SUMMARY

### *Introduction and Background*

This Resettlement Action Plan (RAP) has been triggered by the proposed rehabilitation of the T2 Road from Mpika to Chinsali, which is part of the North-South road Corridor.

The project road is located in Muchinga Province of Zambia, and starts at Mpika Weigh Bridge to Chinsali turnoff. The project will involve a full reconstruction and widening of the existing carriageway and the enforcement of the mandatory road reserves as enshrined in the Public Roads Act of 100m for the rural sections and 36m for the urban sections and heavily populated areas of places such as Mpika (Ch0+00-Ch7+780); Shiwang'ndu urban (Ch86+800) and Chinsali turnoff (Ch165+645).

In order to speed up the construction of the 165Km road stretch, the project has been divided into three lots which will be constructed by three different contractors and to be financed by two different sources as follows:

1. Lot 1: (From Mpika weighbridge to Mazingo (Km0+000-Km7+765) with possible financing from the Chinese Government);
2. Lot 2 - (From Km 4+100 to Km 86+770): Mpika to Shiwan'gandu Junction (D53/T2 Junction) – 82.7 km with possible financing from EIB; and
3. Lot 3 - (Km 86+770 to Km 165+646) Shiwan'gandu Junction (D53/T2 Junction) to Chinsali Junction – 78.8km with possible financing from EIB.

In addition to the proposed expansion of the carriageway, GRZ through the Road Development Agency (RDA) intends to enforce the mandatory 100m road reserve applicable to all trunk roads in Zambia including the project road from Mpika to Chinsali. This means that all built structures from the project road reserve will be relocated. Two road reserves will be enforced and will include 50m on each side of the existing centerline and this will apply to much of the road length; while in certain built up areas such as at Mpika urban area (Km0+Km7), Kalalantenkwe or Shiwang'and BOMA (K7+770-Km89+920) and Mucheleka or Chinsali turnoff area (Km64+550-165+430) a 36m (i.e. 18m on each side of the existing centerline) road reserve will be enforced.

All private and public properties located in the above road reserves will be relocated outside the road reserve in order to preserve land for future road expansion and other needs.

Due to the level of impacts the project is anticipated to have as a result of the proposed road reserve enforcement and road rehabilitation activities, a Resettlement Action Plan (RAP) has been prepared, which has documented all Project Affected People (PAPs), assets, lands, crops and fruits affected within the two road reserve areas (i.e. 100m for the rural sections and 36m for the urban/built up sections). RDA will accordingly compensate all the Project Affected People whose structures will be relocated.

### *Objectives of the RAP*

The specific objectives of the RAP are to:





- To prepare a Resettlement Action Plan (RAP) of the project in line with the national and EIB's guidelines;
- Ensure that the development process fully respects the dignity, human rights, economies, and culture of the people located along the T2 road from Mpika to Chinsali;
- Avoid potentially adverse effects on the people along the T2 road from Mpika to Chinsali and develop appropriate safeguard measures for women and vulnerable members of the community;
- Develop mitigation measures to ensure that the affected persons are not worse off as a result of the project and that, as a minimum their livelihoods are restored to that of before the project;
- Provide information necessary for the implementation of resettlement plans;
- Outline institutional arrangements and grievance mechanism necessary for the implementation of the RAP; and
- Define the implementation schedule and monitoring and evaluation of the RAP.

### *Approach and Methodology*

The approach and methodology adopted for the preparation of this RAP was based on the principles and processes outlined in the Terms of Reference which advocates for a strong participatory and consultative process involving different categories of stakeholders, as well as physical assessment and valuation of properties. A combination of desk review, census, socioeconomic study and field visits coupled with extensive stakeholder consultation and participation formed the basis for the preparation of this RAP.

### *Scope*

The scope and level of detail of resettlement planning has ensured that the livelihoods of people affected by the project are restored to levels prevailing before inception of the project. The following are the essential components, which have been considered in this RAP:

- 1) Identification of project impacts and affected populations;
- 2) Legal framework for land acquisition and compensation;
- 3) Compensation framework;
- 4) A description of resettlement assistance and restoration of livelihood activities;
- 5) Detailed budget;
- 6) An implementation schedule;
- 7) A description of organizational responsibilities;
- 8) A framework for public consultation, participation, and development planning;
- 9) A description of provisions for redress of grievances; and
- 10) A framework for monitoring, evaluation, and reporting.

### *Policy, Organizational & Institutional Framework*

This RAP has considered several policy and legal frameworks of the Government of Zambia; EIB Standards and IFC Standards. Currently, there are no specific law pertaining to involuntary resettlement in Zambia. However, there are various pieces of legislation that provide guidance regarding legal provisions for resettlement. For *Land Take*<sup>1</sup> and displacement of people, specific attention is drawn to two Zambian laws that will be applicable to land tenure, compensation and resettlement in this project, namely:

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<sup>1</sup> Land take refers to acquiring of land for some public purpose by government agencies, as authorized by the law from land owner(s) after paying compensation for losses incurred by land owner(s) due to surrendering their land.



- *The Constitution of Zambia, Chapter 1 of the Laws of Zambia, and Article 16 of the Constitution* provides for the fundamental right to property and protects persons from the deprivation of property. It states that a person cannot be deprived of property compulsorily except under the Authority of an Act of Parliament, which provides for adequate payment of compensation. The Article further provides that the Act of Parliament under reference shall provide that in default of agreement on the amount of compensation payable, a court of competent jurisdiction shall determine the amount of compensation.
- *Lands Acquisition Act Chapter 189 of the Laws of Zambia Section three of the Lands Acquisition Act* empowers the President of the Republic to compulsorily acquire property. Sections 5 to 7 of the Act provides for the issuing of notices to show the intention to acquire, notice to yield up property and to take up possession. Section 10 of the Act provides for compensation of the land that would be acquired under compulsory acquisition by the President.

Under the Lands Acquisition Act, the principles of compensation are pivoted on the basis that the value of the property for the purposes of compensation shall be the value of the amount which the property might be expected to realise if sold on the open market by a willing seller at the time of the publication of the notice to yield up possession of the property.

The RAP has been undertaken in line with EIBs Environmental and Social Standards which contains Performance Requirement that covers Involuntary Resettlement and Economic Displacement. According to this, not only those who have legal title are entitled for compensation, but also those who do not have legal rights that are directly affected by the Project.

#### ***Stakeholder Engagement & Consultation***

The RAP has been prepared in line with both the national and EIB's Environmental and Social Standards requirements for stakeholder engagement and public consultation. The preparation of the RAP underwent a highly consultative process during which comments were received from a number of stakeholders and were incorporated in the document prior to its submission to ZEMA for Decision Making.

The stakeholder engagement process started at the earliest stage of project planning and will continue throughout the entire life of the Project. Stakeholder engagement regarding the Project is an on-going process involving the public disclosure of appropriate information so as to enable meaningful consultation with stakeholders.

RDA is implementing a Grievance Mechanism to ensure that it is responsive to any concerns and complaints particularly from affected stakeholders and communities.

#### ***Negative Impacts Triggering Resettlement***

Resettlement along the road corridor will consist of permanent physical displacement of all structures and other properties such as water points located inside the road reserves and temporary impacts on mostly micro and small businesses. The RAP has described the principles on which compensation will be paid according to the Zambian law and has provided an inventory of households and property to be compensated.

Physical resettlement has not yet occurred but will be carried out prior to the commencement of civil works on any particular road section. The consultation and resettlement process for the households will be as follow. First, RDA working with local authorities will confirm the social



demographic information and property inventories for each household. Second, RDA will submit a RAP Framework (a resettlement planning document) to the local authorities to establish compensation to be paid in each case. Thirdly, RDA and the local authorities will meet with the affected households to discuss the compensation amounts. Fourthly, provided that PAPs agree with the compensation proposed, RDA and the local authorities will establish a schedule for the acquisition and payment of PAPs. If PAPs do not agree with the proposed compensation, additional meetings will be held until an agreement is reached.

The most important mitigation measure will be to complete construction as quickly as reasonably possible in each location. The project estimates construction time as being 21-36 days for most sections. Other mitigation measures include standard measures for dust and noise, as well as the construction of simple, temporary wooden bridges to allow access across culverts. Business owners have generally expressed support for the project and expect a permanent improvement in business following completion of construction activities.

**Socio-economic Baseline Indicators**

The following is a summary of the socio-economic indicators of the Project Affected Households (PAHs):

Category	Number
<b>Project Affected People</b>	
number of PAPs	5,928 PAPs
number of people consulted	988
number of affected households	988
number of households to be physically resettled	550
number of PAPs to be physically resettled	2,373
number of households surveyed	988
number of vulnerable people	124
<b>Number of Project Affected People by demographics of gender/ age</b>	
Male	2,608 (44% of 5,928)
Female	3,320 (56% of 5,928)
Age Range 0-15	1,363 (23% of 5,928)
Age Range 16- 64	4,268 (72% of 5,928)
Age Range 65 and above	296 (5% of 5,928)
<b>Land Acquisition</b>	
Volume of land acquired	88,115.336 square meters or 8.8 Ha
Types of land	Traditional land
Types of structure	1. Residential houses; 2. Road side shops; 3. Traditional Kitchens “Insaka”; 4. Traditional Toilets; 5. Churches; and 6. Water points

**Valuation, Compensation and Entitlements**

In undertaking the valuation exercise, various methods were applied that took into consideration the PAPs legitimate claim, legal and regulatory provisions. RDA in conjunction with the consultant and the accredited valuer and in line with RDA’s guiding principles and EIB



Performance Standards agreed that the PAPs must be compensated at Full Replacement Cost (FRC), which does not consider asset depreciation. A full census of affected persons and survey/valuation of their assets was completed on the cut-off date of 20<sup>th</sup> November, 2016. However due to a lapse in time a verification exercise was conducted by RDA in 2022/2023. A cut off date of 12<sup>th</sup> May 2023 was advertised to the public. The re-assessment of PAPs was as a result of the lapse in time since the last RAP had been prepared in 2017 and in fulfilment of the condition of the Zambia Environmental Management Agency (ZEMA) extension environmental permit (approval Decision Letter) for the road project that was issued on 3 December 2021 for a further period of three (03) years. The condition in the environmental extension letter stipulated the need to update the Resettlement Action Plan (RAP) report and to conduct a re-assessment of the PAPs. ZEMA had on 12<sup>th</sup> May 2014 issued the first approval environmental permit for the road project.

A notice of at least 3-4 months will be served to the affected persons to vacate the project corridor after receiving compensation to enable for the construction works to commence.

### *Relocation Needs and Approach*

Altogether 988 households will loss assets due to both road rehabilitation works and the road reserve requirements. All properties need to be relocated outside the road reserve (i.e. 100m and 36m). There will be no need of group resettlement as all the affected households preferred cash compensation. Since they have been residing in a government land and have houses or shops to resettle, PAPs indicated during consultation that they want to build their structures using the compensation amount that will be paid to them in the nearby areas so as to continue their business.

### *Livelihood restoration*

One of the objectives of the RAP is to ensure that livelihoods are improved or restored to pre-displacement levels. Compensation for affected property will therefore seek to facilitate full and smooth recovery without exposing the PAPs to vulnerability and this applies to people who are not necessarily physically displaced but who are affected by a land loss that affects their sustainability. Some of the livelihood restoration measures include:

- **Salvage of Materials-** Salvage of materials for reconstruction of structures is acceptable practice. The salvage of materials thus provides additional cash\ disposable income to develop, expand and or improve their structures, and or development of livelihood income or increase their wealth.
- **Skills Training:** Some PAPs will be offered skills training to maintain and/or improve their income generation potential. The skills training program will be designed during project implementation.
- **Project related job opportunities:** PAPs will be prioritized in gaining employment in the works linked to the Project. RDA and the contractor will ensure that this is included in the contractors' specifications wherever possible.
- **Assistance through Corporate Social Responsibility (CSR) program:** As part of its CSR program, the contractor and the RDA will explore means of remaining engaged in communities adversely affected by the proposed project. This could be through assistance to community-based projects in the targets area.
- **Resettlement must be seen as an inevitable upfront cost:** Compensation will be paid prior to the commencement of civil works on any particular road section.
- **An independent Grievance Redress Mechanism (GRM) to be put in place:** The GRM will comprise of several stakeholders who will resolve grievances that may arise during the RAP implementation.



### **Public Disclosure**

Public disclosure of the compensation will be carried out by RDA well before time of disbursing the compensation funds. The PAPS will sign consent forms against the amount proposed in the evaluation report.

### **Grievance**

The RAP has provided a simplified grievance redress mechanism that will enable timely settlement of grievances. The grievance procedures will be anchored and administered at the local level to facilitate access, flexibility and openness to all PAPs. The grievance redress procedure ensures consultations with RDA and other key stakeholders and provides for record keeping to determine the validity of claims, and to ensure that solutions are taken in the most transparent and cost-effective ways. During consultations, affected individuals were informed of the process for expressing dissatisfaction and how to seek redress.

The following will be the grievance redress mechanism that will be followed:

- A PAP will either communicate his/her grievance verbally or in written form to RDA.
- A PAP that has a grievance will first be attended to by staff from the ESMU at site level. ESMU staff will work closely with the respective district Local Authority or the Traditional Leadership and the RDA Regional Office in resolving the grievance. The office of the Government Valuation Department (GVD) may be called upon to be part of the resolution should the issue involve dissatisfaction on the compensation amount.
- Should the PAP not be satisfied with the response from the ESMU, the matter will be referred to the Director and Chief Executive Officer of RDA for a resolution.
- In the event that a resolution fails with the RDA Director and Chief Executive Officer, the PAP will be free to seek legal redress in the formal court system.

The principle of confidentiality will apply to all processes. Confidentiality of the complainant, if so requested, and to information provided by any of the parties to a complaint.

### **Eligibility Criteria for Affected Persons**

Any person who will suffer loss or damage to an asset, business, trade or loss of access to productive resources, as a result of the project road and especially as a result of the enforcement of the mandatory road reserve of 100 in the rural sections of the road and 36m in the heavily settled areas of such areas as *Mpika urban area*, *Kalalantenkwe (Shiwang'andu BOMA)* and *Mucheleka (or Chinsali turnoff area)* will be considered eligible for compensation and/ or resettlement assistance.

The RAP has identified the following three categories of affected people:

- I. Those who have formal rights to land (including customary/village land, traditional, and religious rights recognized under the Zambian law and also if such claims become recognized through a process identified in the resettlement plan);
- II. Those who do not have formal legal rights to land at the time the census begins, but have a claim to such land or assets, provided that such claims become recognized through a process identified in the resettlement plan; and
- III. Those who have no recognizable legal right or claim to the land they are occupying, using, or obtaining their livelihood from.

Therefore, all PAPs, irrespective of their status or whether they have formal titles or legal rights or are squatters or otherwise encroaching illegally on land, will be eligible for compensation if they occupied the land before the entitlement cut-off date. People who will encroach the road reserve



areas after the cut off date will not be eligible for compensation or any form of resettlement assistance.

### ***RAP Implementation Arrangement***

In implementing the RAP, RDA will utilise the existing structures within its establishment and those existing outside its establishment. RDA as the executor of the Mpika-Chinsali road rehabilitation project will assume full responsibility for the delivery of all entitlements to all the PAPs.

RDA has a dedicated RAP team of experienced specialists from its Planning Directorate (i.e. *Environmental and Social Management Unit (ESMU)*) that undertakes all associated RAP activities. In addition, RDA will retain an independent environmental and social consultant as well as independent valuers and survey companies to assist with RAP activities. The RDA RAP team is qualified in the following fields, environmental, social health and safety, civil engineering, construction management, finance \ accounting and GIS surveying technician. In addition, the RDA ESMU has an Environmental Health and Safety (ESH&S) specialist. RDA will provide sufficient manpower as necessary to ensure the RAP implementation process and oversight management role of the reconstruction of the settlement assets is completed as stipulated in the RAP report.

The implementation of the RAP will comprise several steps involving individual PAPs, affected communities, the three Local Councils; and traditional Leaders.

### ***RAP Implementation Schedule***

The compensation issues and rehabilitation measures will be completed before the commencement of civil work on any particular road section. The RAP implementation will start in the first quarter of 2024.

### ***Total Cost Estimate***

The total estimated cost for the compensation of affected assets including the cost of monitoring and supervision is *Forty-Four Million, Two Hundred and Forty-One Thousand, Seven Hundred and Sixty-Five Kwacha and Eight Ngwee (ZMW 44,241,765.08)*.

### ***Monitoring***

The baseline socio-economic surveys undertaken as part of the RAP will provide the foundation upon which future progress and success of implementation of the RAP shall be measured. Monitoring will also include communication with PAPs, documentation of reactions from PAPs and physical monitoring of progress of the RAP's implementation, including the relocation of PAPs and the affected community assets.

On top of the socio-economic indicators, the monitoring will also include the following performance indicators:

1. Disbursement of compensation payments and receipt by PAPs;
2. Number of persons not yet compensated (by types of losses);
3. Number of consultations held;
4. Number of meetings or consultations with PAPs and other stakeholders;
5. Progress and completion of scheduled activities;
6. Community development activities initiated and adopted;
7. Livelihood restoration;





- a. PAPs standard of living (access to food / water, etc.);
- b. Change in PAP incomes / livelihoods;
8. Level of satisfaction of PAPs
9. Level of satisfaction of affected people with the compensation;
10. Grievance redress procedures in place and functioning:
  - a. Gender of participants;
  - b. Number of complaints received (by types);
  - c. Number and gender of complaints;
  - d. Nature of main complains raise;
  - e. Number of resolved complains;
  - f. Number of complains left unresolved (reasons should be reported)
  - g. Number of grievances resolved
  - h. Number of grievances outstanding
  - i. Number of bank accounts opened;
11. Number of training seminars undertaken;
12. Delivery on banking and financing awareness seminars;
13. Number of persons attended each seminar; and
14. Number of Identity Cards processed.

### ***Conclusion and Recommendations***

The objective of the Resettlement Action Plan is to give directions for further measures and to ensure that the people that will be displaced and affected by the project receive the necessary compensation. Involuntary resettlement will be treated as an integral part of project design and will be dealt with from the earliest stages of project preparation by responsible entities, in accordance with the national, and EIB guidelines.

The Project's major disadvantage is the displacement and relocation of both people and businesses. However, if the resettlement action plan is followed then the people displaced will suffer minimum inconvenience. It is therefore recommended that the following should be done:

- The institutions recommended for negotiations and RAP implementation i.e. RDA-ESMU should be set up as soon as approval of the project is given;
- If during project implementation a need arises to resettle some PAPs from their current land, alternative land close to the project road should be found for those households who cannot continue to live in their current location;
- The RAP will be modified in line with situations experienced when the actual resettlement begins. In particular the monitored indicators will be discussed at least quarterly so that appropriate measures and readjustments can be made; and
- Conduct sensitisation meetings to avoid the re-encroachment of the road reserve areas.



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## DEFINITIONS OF RAP TERMS

Assets	Comprises Project Affected Residential Structures, Sitting Rooms, and Business Premises affected by the project, unless otherwise defined.
Asset Inventory	A complete count and description of all property that will be acquired by the project.
Assistance	Comprises of measures to assist those PAPs that fall within the entitlement matrix as project affected and/or vulnerable. When a PAP is deemed to be vulnerable, Vulnerability Screening and the RAP entitlement matrix, assistance provided, will be tailored to the individual needs of the PAP
Carriageway	Area of road used by vehicles. It is bounded on either side by road shoulders.
Compensation	Payment made in cash or in kind at replacement value for an asset or a resource affected by the project at the time the assets need to be replaced.
Cut-Off Date (COD)	Date of completion of the census and assets inventory of persons affected by the project, 20 <sup>th</sup> November 2016 and 12 <sup>th</sup> May 2023 when the verification survey was undertaken.
Displaced Persons	People or entities directly affected by a project through the loss of loss of residences, other structures, businesses, or other assets.
Economic Displacement	Loss of income or means of livelihood resulting from land acquisition or obstructed access to resources (land, water or forest) caused by the construction or operation of the road.
Economic Rehabilitation	This implies measures taken for restoration of income or economic recovery so that the affected population can improve or at least restore its previous standard of living.
Eligibility	The criteria for qualification to receive benefits under a resettlement program.
Eminent Domain	The right of the state to acquire land, using its sovereign power, for public purpose. National law establishes which public agencies have the prerogative to exercise eminent domain.
Entitlements	The benefits set out in the Resettlement Action Plan (RAP), including: range of measures comprising financial compensation; the right to participate in housing, site replacement, relocation, restoration programs required to resettle or relocate; transfer, transport, rehabilitation and other short-term assistance, and or income substitution, in kind benefits in business/financial training depending on the type, degree and nature of their losses, to restore their social economic base
Entitled Persons	Those persons, either female or male head of households, as the case may be, prior to the COD, losing assets or access to and use of resources leading to physically or economically as a direct result of the Project. They are entitled to compensation and/or other forms of assistance whether they have or do not have formal legal rights to



	occupy the land and or other assets at the time of the census\ COD, but who have claim to such legal rights by virtue of occupation or use of those assets and identified in the entitlement matrix.
Full Replacement Cost (FRC)	Full cost of replacing or reinstating an Asset with another of similar functionality, quality and quantity with an amount sufficient to cover the loss and related costs such as labour and contractor fees, transporting building materials and related transaction costs and taxes but without depreciation.
Grievance Procedures	The processes established under law, local regulations, or administrative decision to enable property owners and other displaced persons to redress issues related to acquisition, compensation, or other aspects of resettlement
Involuntary Resettlement	Both to physical displacement (relocation or loss of shelter) and to economic displacement (loss of assets or access to assets that leads to loss of income sources or means of livelihood) as a result of project. Resettlement is involuntary when it occurs without the informed consent of the displaced persons or if they give their consent without having the power to refuse resettlement.
Land Acquisition	This is the process of acquiring land under the legally mandated procedures of eminent domain
Population Census	A count of the people or persons who would be affected by land acquisition and related impacts. When properly conducted, the population census provides information necessary for determining eligibility for compensation
Project-Affected Area	The area subject to a change in use as a result of construction and operation of the road.
Project-Affected Households (PAH):	A PAH is a household that includes one or several project-affected persons and usually comprises a head of household, their spouses, children and other dependents (for example, parents, grandchildren).
Project-Affected Person (PAP)	Any person who, as a result of the implementation of the project, loses the right to own, use, or otherwise benefit from a built structure, land (residential, agricultural, pasture or undeveloped/unused land), annual or perennial crops and trees, or any other fixed or moveable asset, either in full or in part, permanently or temporarily. Affected people might be displaced either physically (“Physically Displaced People”) or economically (“Economically Displaced People”).
Replacement Value	The rate of compensation for lost assets, that is, the market value of the assets plus transaction costs (taxes, registration fees and cost associated with registration or transfer of new land). The replacement value of an item must reflect the cost at the time it is due for replacement. For land and structures, “replacement value” is defined as follows: <ol style="list-style-type: none"> <li>1) <i>Agricultural land</i>: the market value of land of equal productive use or potential located in the vicinity of the affected land, plus the cost of preparation to levels similar to or better than those of the affected land including fees of any registration</li> </ol>



	<p>and transfer taxes;</p> <p>2) <i>Land in urban areas</i>: the market value of land of equal size and use, with similar or improved public infrastructure facilities and services, preferably located in the vicinity of the affected land, plus the cost of any registration and transfer taxes;</p> <p>3) <i>Household and public structures</i>: the cost of purchasing or building a new structure, with an area and quality similar to or better than those of the affected structure, or of repairing a partially affected structure, including labour, contractors' fees and any registration and transfer taxes.</p>
Physical Displacement	Loss of shelter and assets resulting from land acquisition associated with the project, requiring affected persons to move to other locations
Project Affected Household (PAH)	A person, or group of persons living together, in an individual structure or collection of structures and or compound, who share cooking and eating facilities, and form a basic socio-economic and decision-making unit;
Project-Affected Person (PAP)	Any person who, as a result of the implementation of a project, loses the right to own, use, or otherwise benefit from a built structure or any other fixed or moveable asset, either in full or in part, permanently or temporarily;
Resettlement Action Plan	A planning document describing measures to address direct social and economic impacts associated with involuntary land acquisition for the project.
Project Affected Structures (PAS)	Structures including Residential Structures Rooms belonging to PAHs affected by the Project prior to the Cut Off Date
Physical Displacement	Loss of shelter and assets resulting from land acquisition associated with the project, requiring affected persons to move to other locations
Relocation	Physical moving of PAPs from their pre-project place or residence, place for work or business premises, to an area that is not affected by the Project
Resettlement Action Plan (RAP)	The document in which a project sponsor or other responsible entity specifies the procedures that it will follow and the actions that it will take to mitigate adverse effects, compensate losses, and provide development benefits to persons and communities affected by an investment project
Resettlement Entitlements	Resettlement entitlements with respect to a particular eligibility category are the sum total of compensation and other forms of assistance provided to displaced persons in the respective eligibility category.
Resettlement Strategy	The approaches used to assist people in their efforts to improve (or at least to restore) their incomes, livelihoods, and standards of living in real terms after resettlement. The resettlement strategy typically consists of payment of compensation at replacement cost, transition



	support arrangements, relocation to new sites (if applicable), provision of alternative income-generating assets (if applicable), and assistance to help convert income-generating assets into income streams.
Road Reserve	Area of land typically extending from the centre line of the road, owned by the road and within which the roads authority has rights to extend the road and place associated infrastructure. This area can also be used for placing surface or subsurface utilities (water mains, electricity, telephone cables, etc).
Stakeholders	A broad term that covers all parties affected by or interested in a project or a specific issue—in other words, all parties who have a stake in the project. Primary stakeholders are those most directly affected—in resettlement situations, the population that loses property or income because of the project. Other people who have interest in the project such as the RDA itself, beneficiaries of the project (e.g., road users), etc are termed secondary stakeholders.
Socio-Economic Census	Means a field survey carried out to identify and determine the number of PAPs families/households/persons or vulnerable groups. The meaning of the word shall also embrace the criteria for eligibility for compensation, resettlement and other measures that result from consultation with PAPs.
Vulnerable Groups	<p>People who by virtue of gender, ethnicity, age, physical or mental disability, economic disadvantage, or social status may be more adversely affected by resettlement than others and who may be limited in their ability to claim or take advantage of resettlement assistance and related development benefits. That might include, but not limit to:</p> <ol style="list-style-type: none"> <li>1) Female Headed Households with dependents</li> <li>2) Children headed households</li> <li>3) Disabled household Heads</li> <li>4) Poor Households</li> <li>5) Elderly Households with no means of support</li> <li>6) Ethnic minorities</li> </ol>



## CHAPTER ONE

### INTRODUCTION AND BACKGROUND

#### 1.1. BACKGROUND AND CONTEXT

This Resettlement Action Plan (RAP) has been triggered by the proposed rehabilitation of the T2 Road from Mpika to Chinsali, which is part of the North-South Corridor. The rehabilitation of the T2 Road from Mpika to Chinsali is part of the 611.5 km Serenje–Nakonde road proposed for full reconstruction<sup>2</sup>. The project is to be implemented by the Road Development Agency (RDA).

The project of focus is the rehabilitation of the T2 Road from Mpika to Chinsali in Muchinga Province of Zambia, which starts at Mpika Weigh Bridge to Chinsali turnoff. The project will involve a full reconstruction and widening of the existing carriageway and the enforcement of the mandatory road reserves as enshrined in the Public Roads Act of 100m for the rural sections and 36m for the urban/built up sections at such areas as Mpika (Ch0+00-Ch7+780); Shiwang'ndu urban (Ch86+800) and Chinsali turnoff (Ch165+645).

In order to speed up the construction of the 165Km road stretch, the project has been divided into three lots which will be constructed by three different contractors and to be financed by two different sources as follows:

4. Lot 1: (From Mpika weighbridge to Mazingo (Km0+000-Km7+765) with possible financing from the Chinese Government);
5. Lot 2 - (From Km 4+100 to Km 86+770): Mpika to Shiwan'gandu Junction (D53/T2 Junction) – 82.7 km with possible financing from EIB; and
6. Lot 3 - (Km 86+770 to Km 165+646) Shiwan'gandu Junction (D53/T2 Junction) to Chinsali Junction – 78.8km with possible financing from EIB.

In addition to the proposed expansion of the carriageway, GRZ through the Road Development Agency (RDA) intends to enforce the mandatory 100m road reserve applicable to all trunk roads in Zambia including the project road from Mpika to Chinsali with the exceptions of urban/built up areas where the road reserve of 36m will be applied to minimize on the impacts. All built structures from the project road reserve will be relocated in order to preserve land for future road expansion and other needs.

Due to the level of impacts the project is anticipated to have as a result of the proposed road reserve enforcement and road rehabilitation activities, a Resettlement Action Plan (RAP) has been prepared, which has documented all Project Affected People (PAPs), assets, lands, crops and fruits affected within the two road reserve areas. RDA will accordingly compensate all the Project Affected People.

---

<sup>2</sup> The 611.5 km Serenje–Nakonde road proposed for full reconstruction section has been subdivided into three (3) subsections for ease of project implementation, namely i) Serenje-Mpika (238.3 km), ii) Mpika-Chinsali (164.6 km), and iii) Mpika-Chinsali (208.6 km).



The RAP will be submitted to both the Zambia Environmental Management Agency (ZEMA) and the European Investment Bank (EIB), in fulfillment of the agency and bank's environmental requirements.

## 1.2. PROJECT LOCATION

The Project Road is located in the Muchinga Province in the North-Eastern part of Zambia. It starts at the RDA Weigh Bridge in Mpika at Kanjela Village (S=1152.399; E03125.765) and ends shortly before the T2 intersection with the access road to the provincial headquarter -Chinsali.

The report covers three road sections that will be contracted separately as highlighted in the Figures below:

- Lot 1: (From Mpika weighbridge to Mazingo (Km0+000-Km7+765) with possible financing from the Chinese Government);
- Lot 2 - (From Km 4+100 to Km 86+770): Mpika to Shiwan'gandu Junction (D53/T2 Junction) - 82.7 km; and
- Lot 3 - (Km 86+770 to Km 165+646) Shiwan'gandu Junction (D53/T2 Junction) to Chinsali Junction - 78.8km.

### 1.2.1. Lot 1

The first section of the project road is entirely located in the urban section of Mpika Town. This section, which will have a stretch of 7Km will be financed with funds from the Chinese Government. It starts at the existing RDA weigh bridge in Mpika and traverses through the built area of Mpika town by passing the Kasama-Mpika road junction (Ch3+400), main Mpika CBD (Ch4+800), and will terminate at Mazingo area near Mazingo Motel (Ch7+800). In line with the public roads act, this section of the road project will have a mandatory road reserve of 36m (i.e. 18m on each side of the existing center line).

A number of infrastructures will be affected with this road reserve enforcement such as shops at Ch0+100, wall fence for Samfuel Filling Station; fuel storage tanks and pump stations for continental oil at the Kasama-Mpika Junction; wall fence for Mazingo Motel among other shops and assets.

Figure 1-1 below shows the location map of this section of the project road while Figures that follows shows the locations of affected assets along the project road corridor for Lot 1.

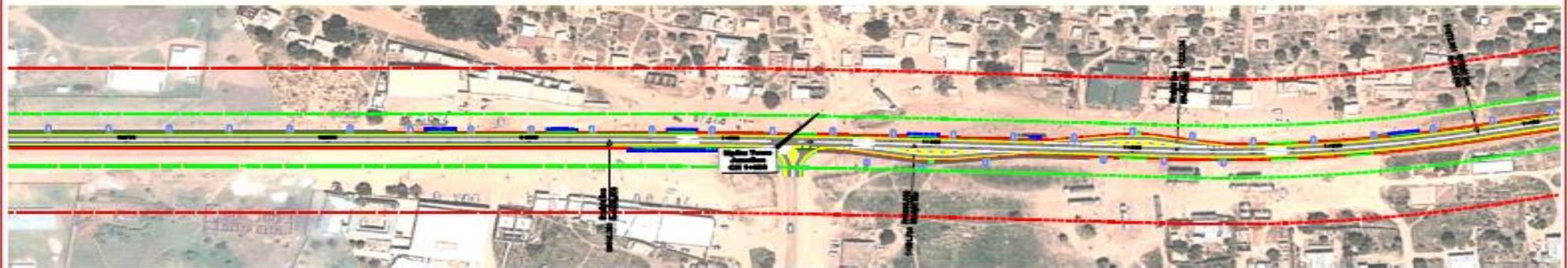
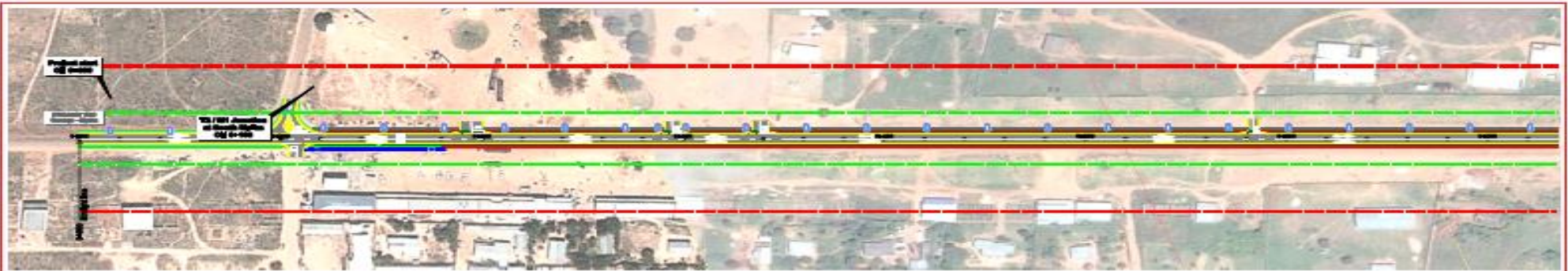




**Figure 1-1: Project Road Alignment for Lot 1**



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### 1.2.2. Lot 2

This section of the project road will be financed by the EIB. The section road starts at Mazingo Motel (Ch7+800) and terminates at Kalalantenkwe-Ch 86+770-89+920 (Shiwang' and BOMA). From Mazingo Motel, the road passes through a number of settlements of which the major ones are Mwalala (Ch11+400); Chikwanda (Ch12+760); Danger Hill (22+200); Mukungwa (Ch38+500); Luanya (Ch59+400); Mukwikile (Ch70+700) and Shiwang'ndu urban (Ch86+800).

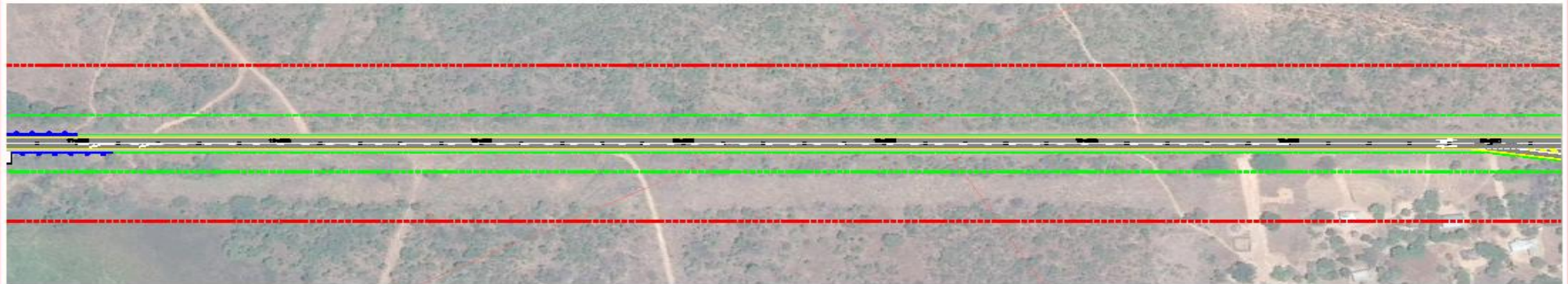
This section of the project road has much of its road length located in rural setting except for the first 2Km from Mazingo Motel (Ch7+800) to Mwalala village (Ch11+400); which is under the urban section of Mpika and the section at Shiwang'ndu urban (Ch86+800). These two sections have a road reserve of 36m in line with the public road act.

The rest of the road section from Mwalala (Ch11+400); Chikwanda (Ch12+760); Danger Hill (22+200); Mukungwa (Ch38+500); Luanya (Ch59+400); Mukwikile (Ch70+700) falls under the rural area and therefore a road reserve of 100m will apply.

Figure 1-2 shows the location map for the road section for Lot 2 while the figures that follows shows the areas along the project road section where properties are likely to be affected as a result of both road rehabilitation and road reserve enforcement.



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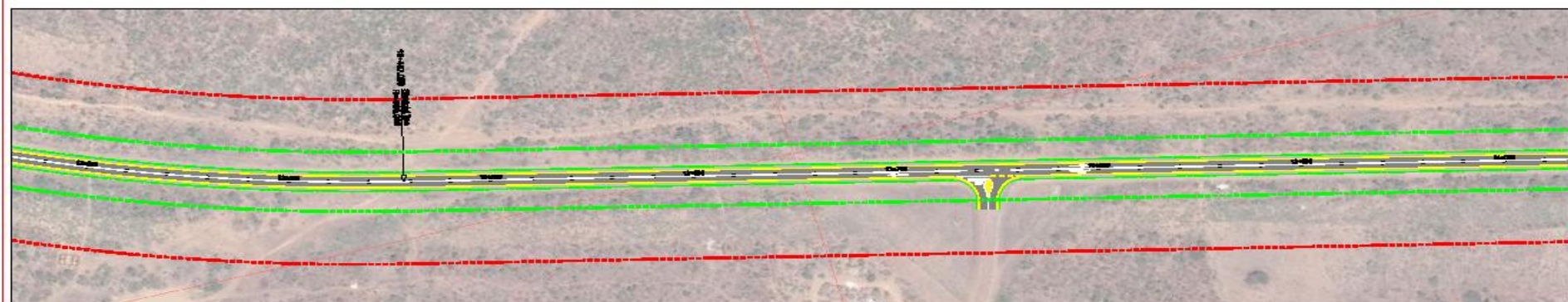
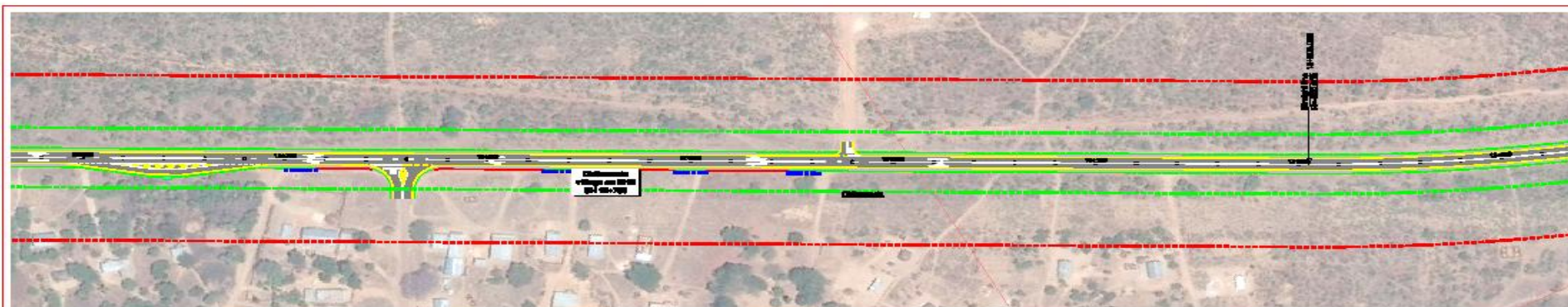
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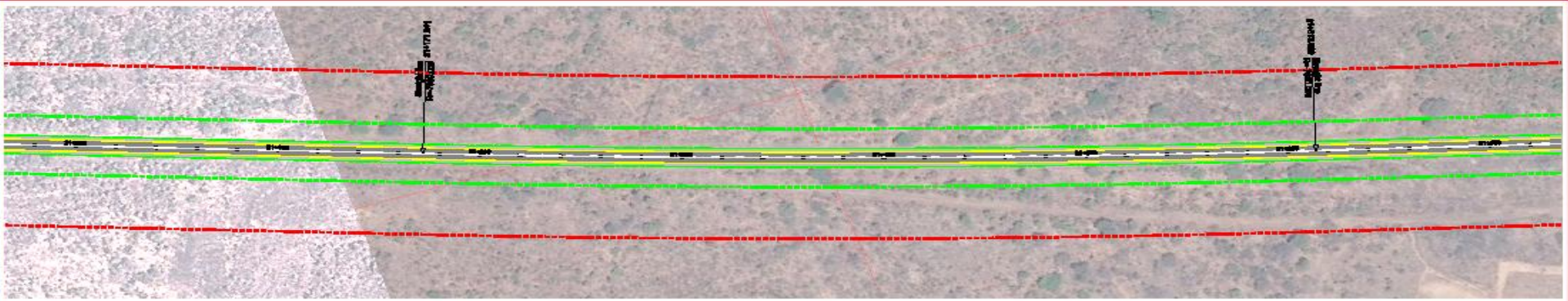
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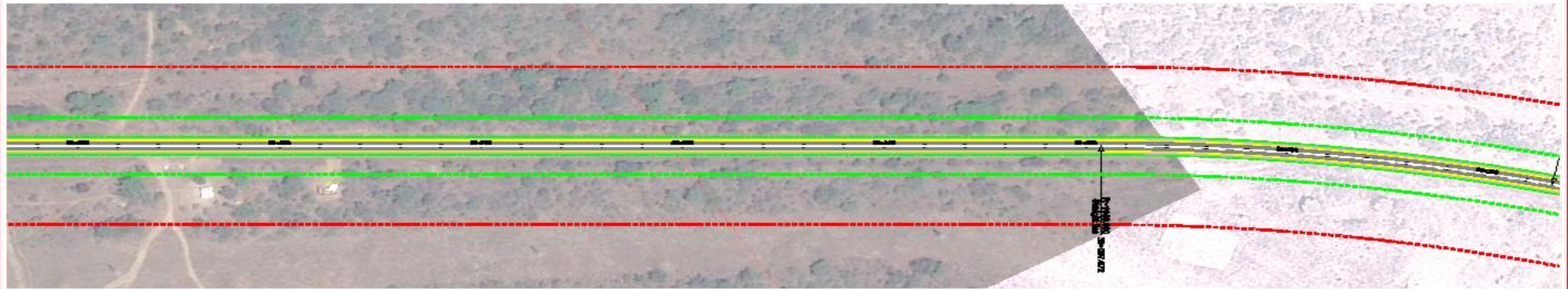
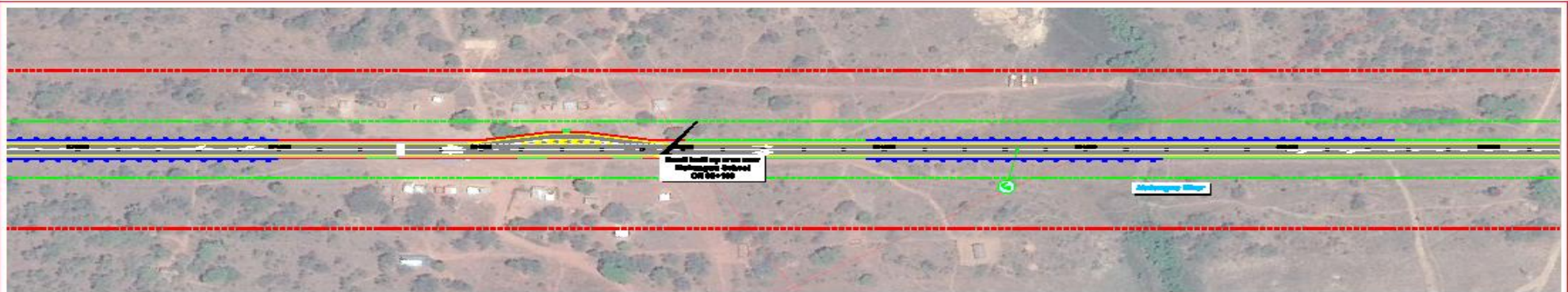
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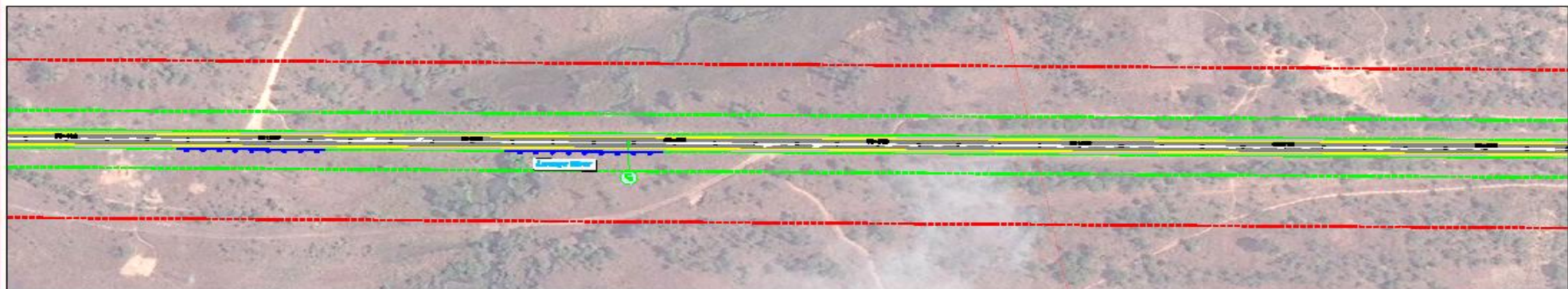
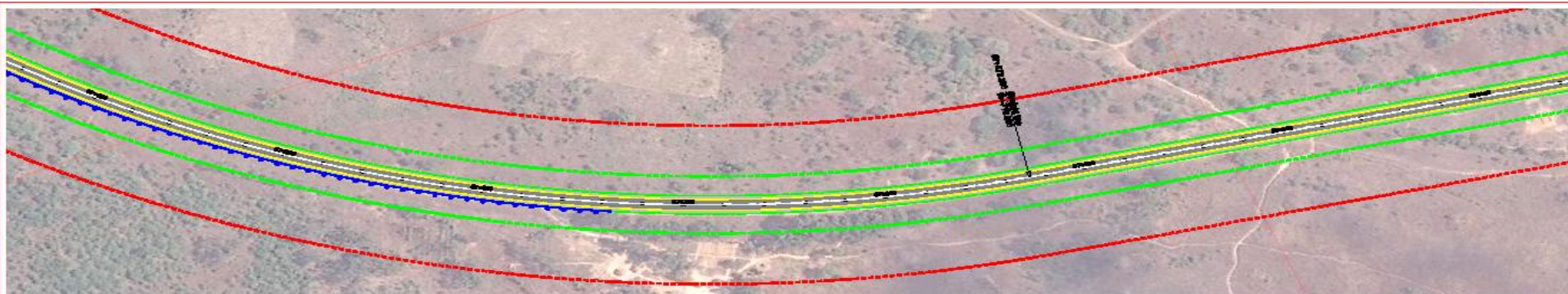
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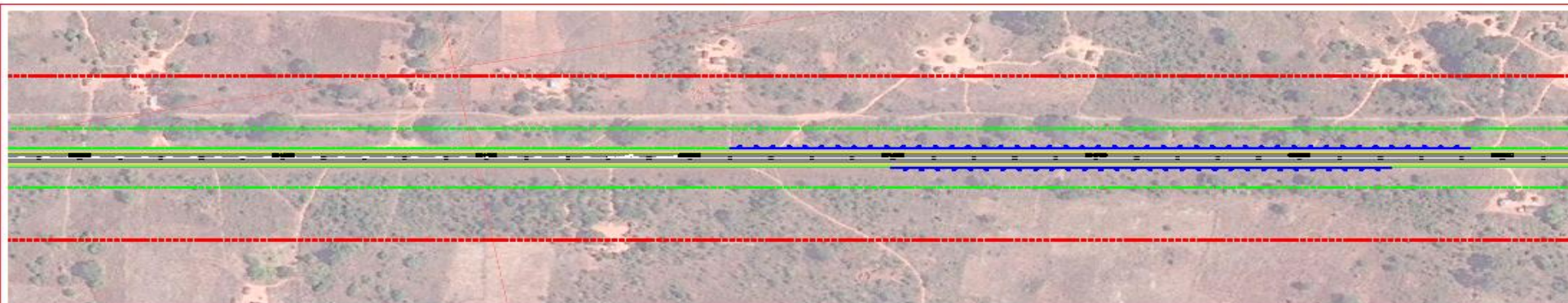
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 PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION  
 OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD

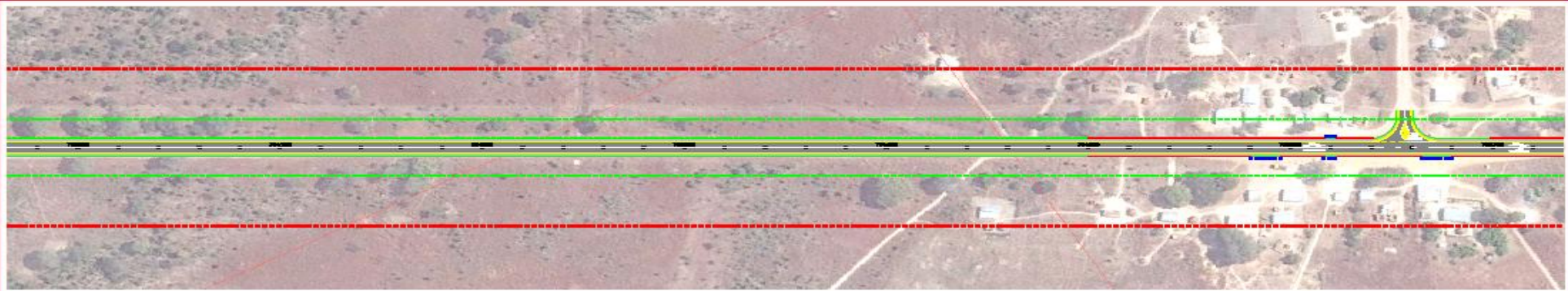


DATE	TITLE	APPROVED BY	APPROVED





**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



----- 30 M ROAD RESERVE LIMIT  
 ----- 100 M ROAD RESERVE LIMIT



**COMESA SECRETARIAT**  
 BENBELLA ROAD  
 P.O. BOX 96051, LUSAKA, ZAMBIA



**GOVERNMENT OF THE REPUBLIC OF ZAMBIA**  
 ROAD DEVELOPMENT AGENCY  
 P.O. BOX 90003, LUSAKA, ZAMBIA



**TECHNO STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD**

**DATE:**  
 NOVEMBER 2019

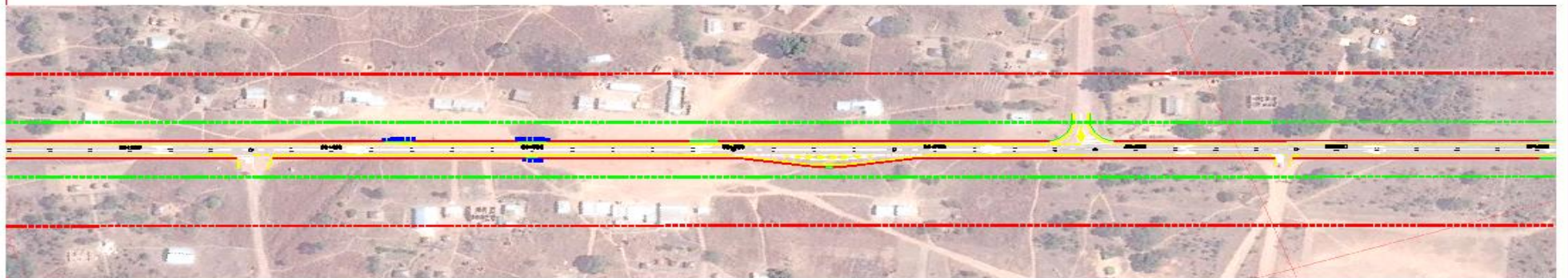
**TITLE:**  
 DEVELOPMENT OF THE RAP

**DISSEMINATION:**  
 PUBLIC





**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



----- 36 M ROAD RESERVE LIMIT  
 ----- 100 M ROAD RESERVE LIMIT

	COMESA SECRETARIAT BENBELLA ROAD P.O. BOX 80051, LUSAKA, ZAMBIA		GOVERNMENT OF THE REPUBLIC OF ZAMBIA ROAD DEVELOPMENT AGENCY P.O. BOX 80005, LUSAKA, ZAMBIA		MTC		ASCO		ROAD DEVELOPMENT AGENCY	FINANCER	TECHNO STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD	DATE:	TIME:	DISSEMINATION:
												NOVEMBER 2018		





### 1.2.3. Lot 3

This section of the project road will also be financed by EIB. The section starts from Shiwang'ndu urban (Ch86+800) and will traverse various settlements such as Philip (101+100); Kabangama (Ch110+100); Kasangala (Ch120+250); Chakunta (Ch121+150); Matumbo (Ch123+800-Ch124+300); Bulaya (Ch127+000); Chikumba (Ch135+300); Chipoma (Ch146+400); Tazama (Ch160+500); and Chinsali Turnoff (Ch165+645).

As is the case with Lot 2, this section of the road project has much of its road length located in the rural areas and therefore the 100m road reserve will apply. There only two areas of the road section where the urban road reserve will apply at Shiwang'ndu urban (Ch86+800) and Chinsali Turnoff (Ch165+645).

Figures 1-2 below show the location Maps of the proposed alignment for the Mpika to Chinsali road rehabilitation project for Lot 2 and 3 respectively.

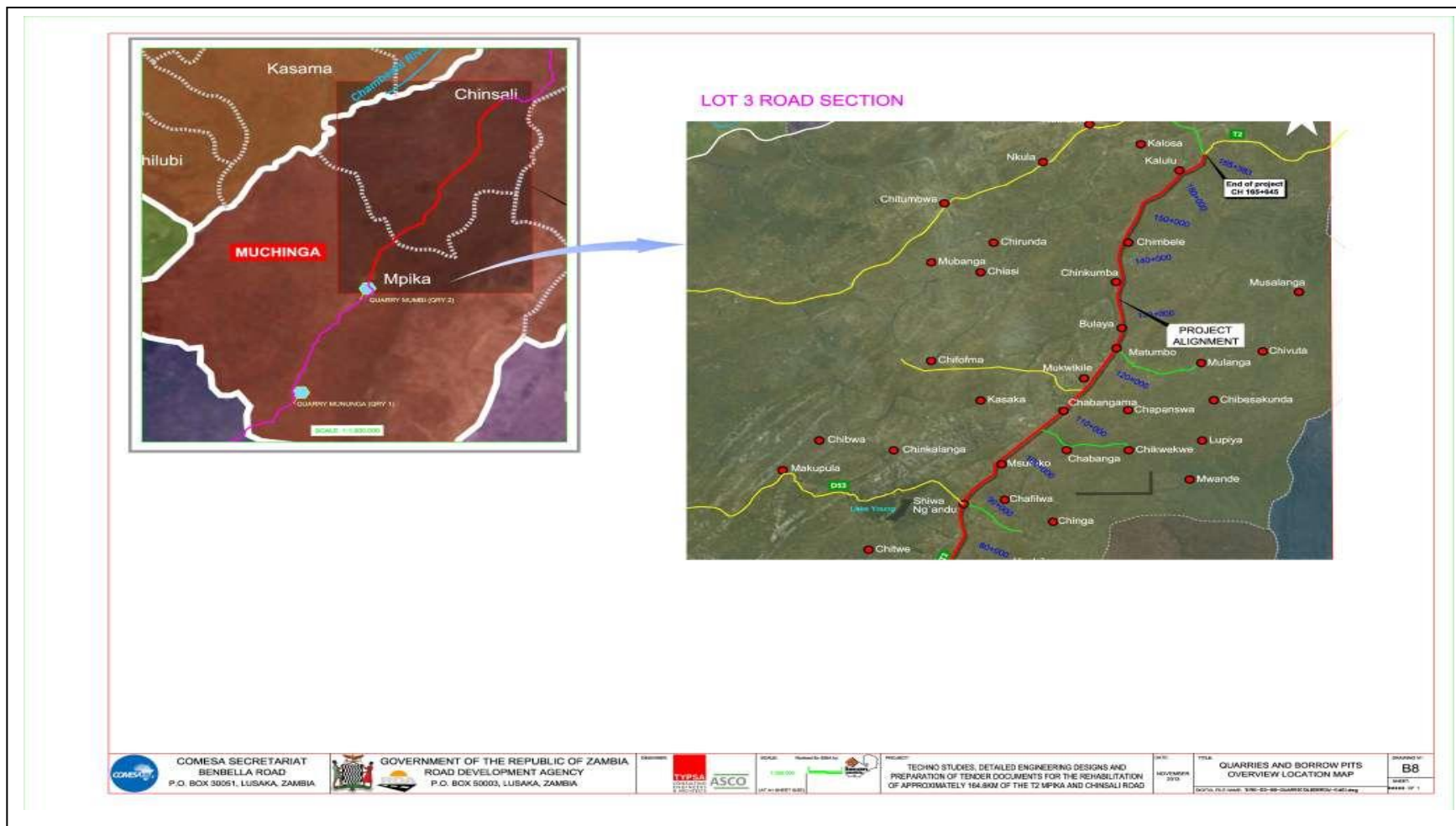
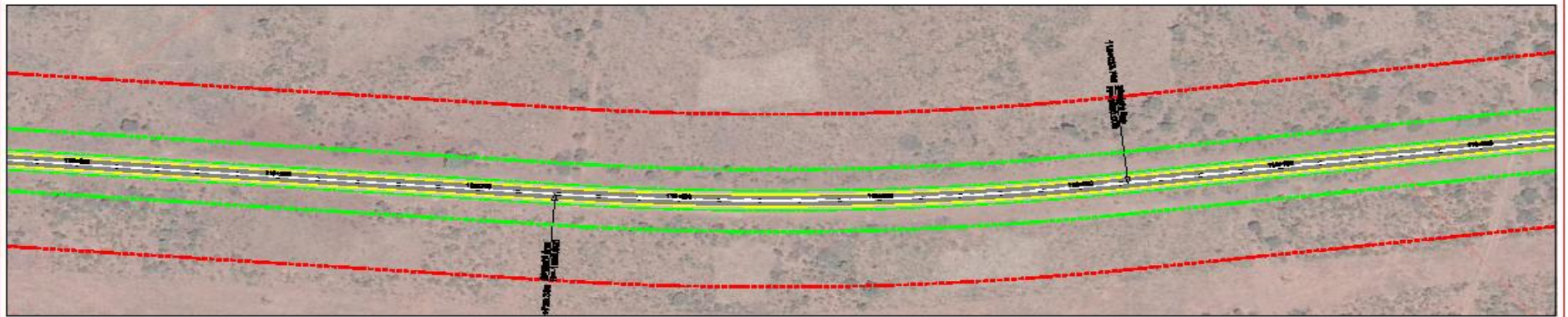
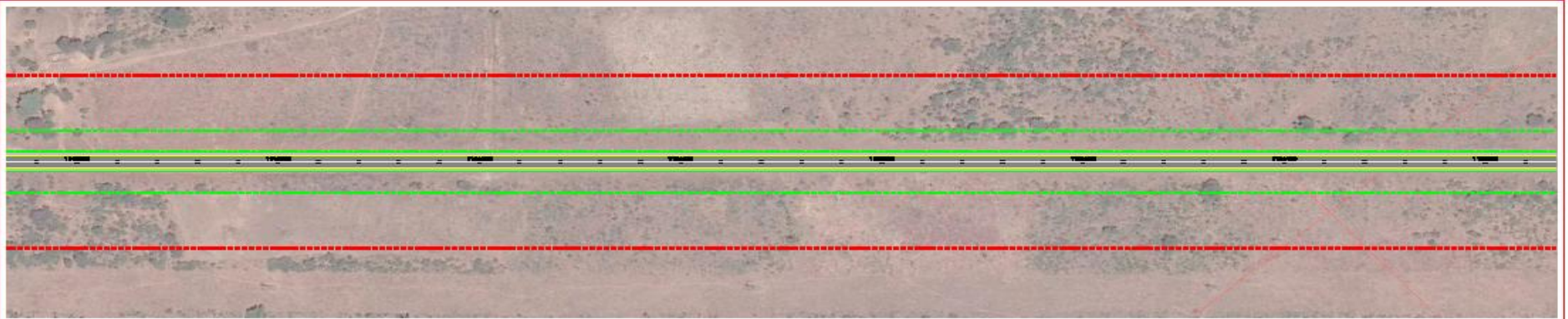


Figure 1-2: Project Road Alignment for Lot 3



**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



----- 30 M ROAD RESERVE LIMIT  
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GOVERNMENT OF THE REPUBLIC OF ZAMBIA  
 ROAD DEVELOPMENT AGENCY  
 P.O. BOX 60003, LUSAKA, ZAMBIA



PROJECT: TECHNICAL STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD

DATE: NOVEMBER 2018

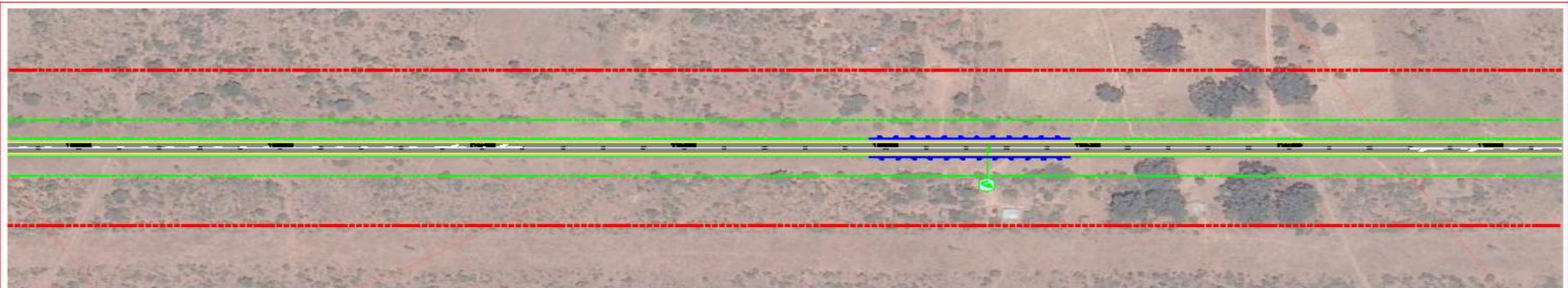
TEAM:   
 PROJECT MANAGER:   
 CONSULTANT:   
 LOCAL CONSULTANT:   
 LOCAL CONSULTANT:

DISSEMINATED:   
 SHEETS:   
 DATE:





**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



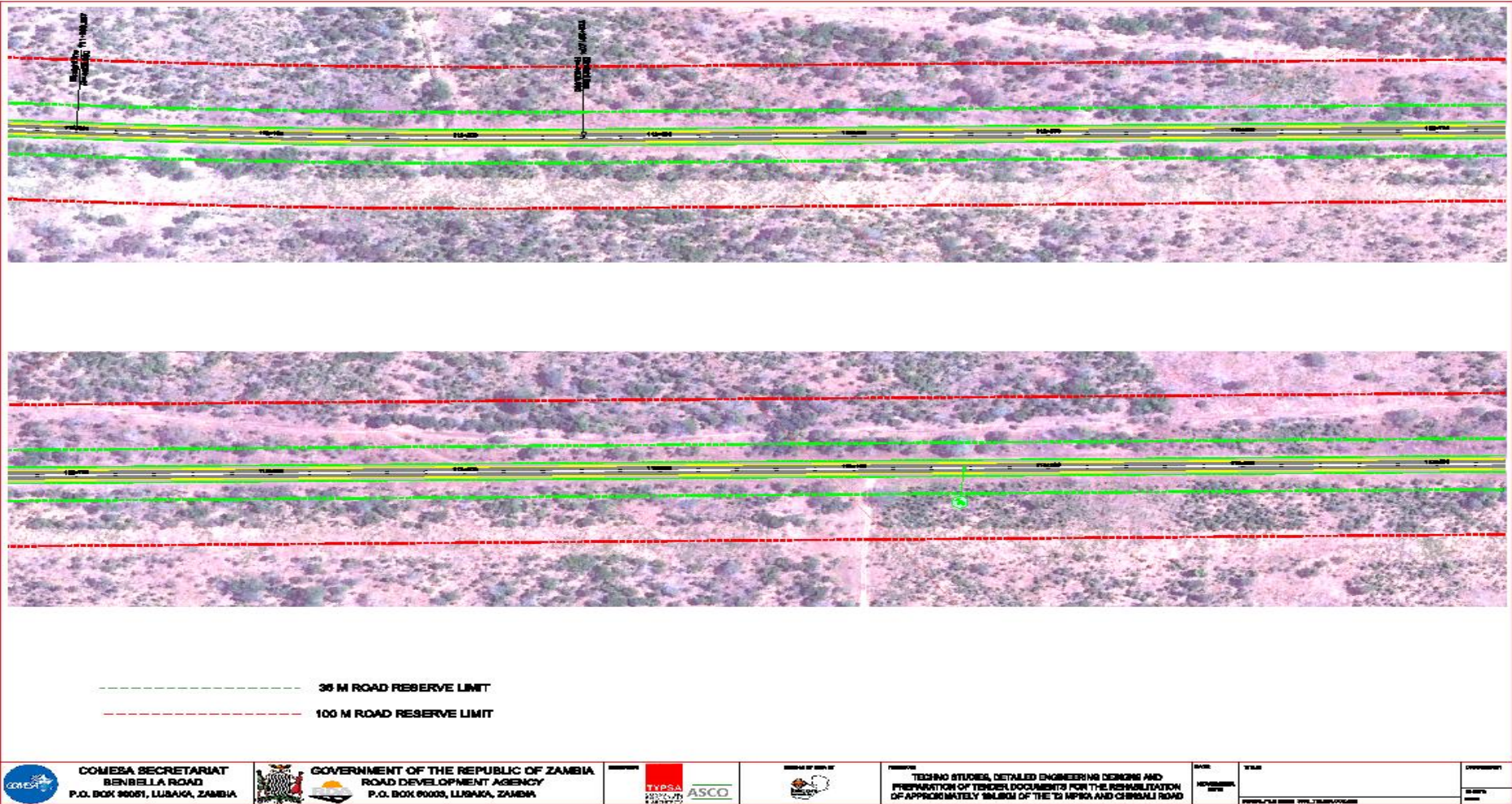
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	COMESA SECRETARIAT BENBELLA ROAD P.O. BOX 36081, LUSAKA, ZAMBIA		GOVERNMENT OF THE REPUBLIC OF ZAMBIA ROAD DEVELOPMENT AGENCY P.O. BOX 90005, LUSAKA, ZAMBIA				FINANCER TECHNICAL STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD	DATE NOVEMBER 2022	TITLE RAP FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD	DRAWN BY DATE
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**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



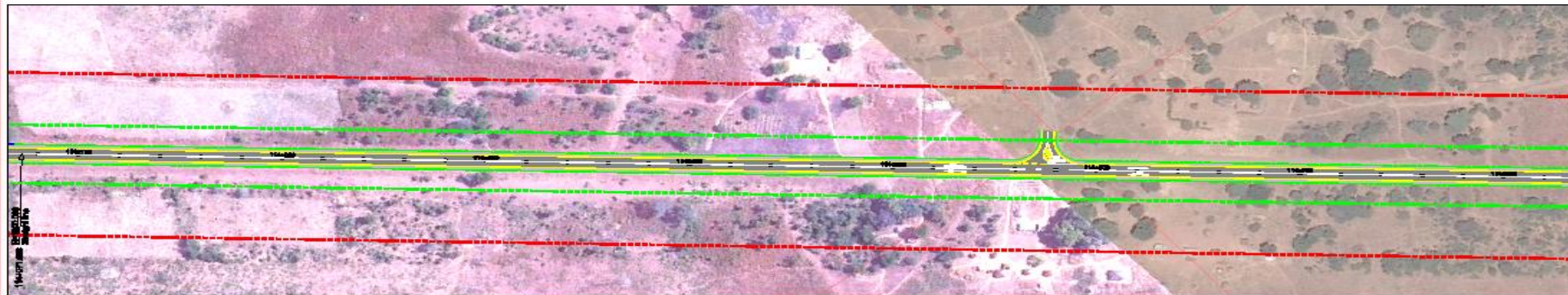
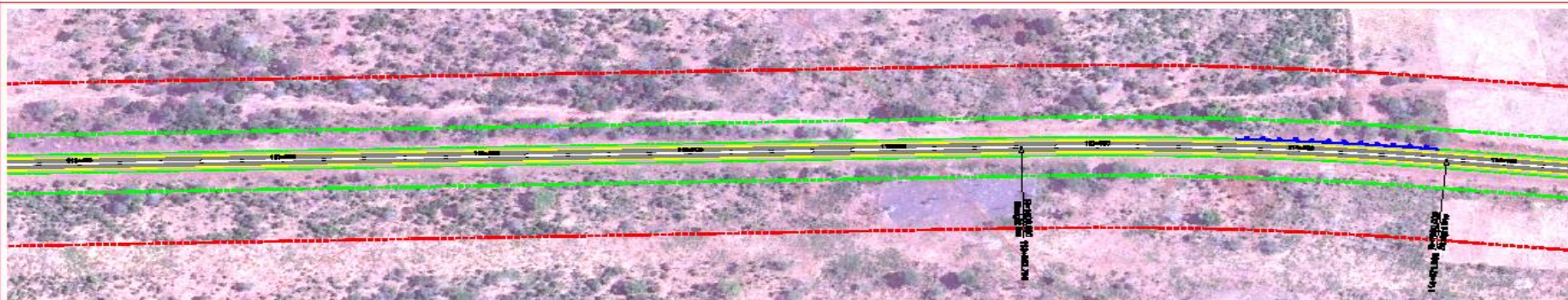
	<b>COMESA SECRETARIAT</b> BENBELLA ROAD P.O. BOX 96061, LUSAKA, ZAMBIA	<b>GOVERNMENT OF THE REPUBLIC OF ZAMBIA</b> ROAD DEVELOPMENT AGENCY P.O. BOX 91000, LUSAKA, ZAMBIA			PROVIDER <b>TECHNO STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD</b>	DATE NOVEMBER 2018	TITLE EMPLOYER'S NAME: TTPSA/ASCO	DRAWN DATE
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**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



----- 36 M ROAD RESERVE LIMIT  
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GOVERNMENT OF THE REPUBLIC OF ZAMBIA  
 ROAD DEVELOPMENT AGENCY  
 P.O. BOX 80003, LUSAKA, ZAMBIA



TECHNO STUDIES, DETAILED ENGINEERING DESIGNS AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD

DATE: NOVEMBER 2018

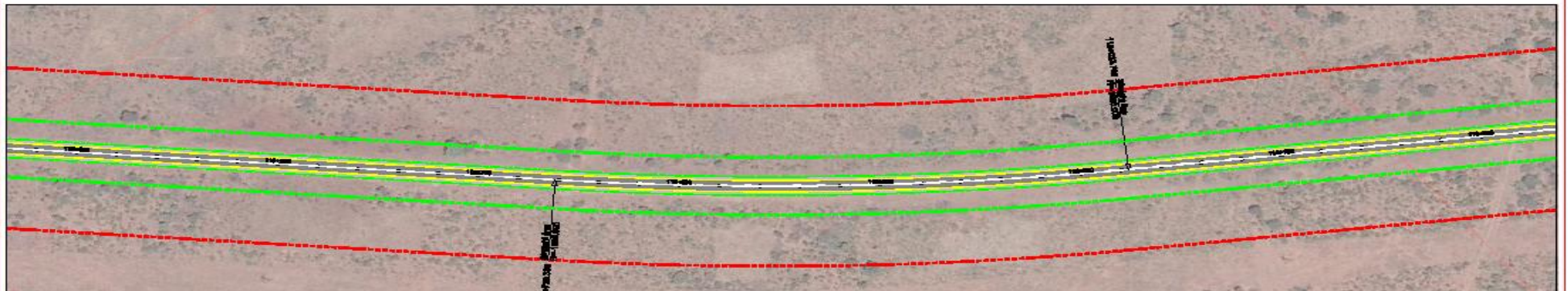
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**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



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GOVERNMENT OF THE REPUBLIC OF ZAMBIA  
 ROAD DEVELOPMENT AGENCY  
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ASCO



TECHNO STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD

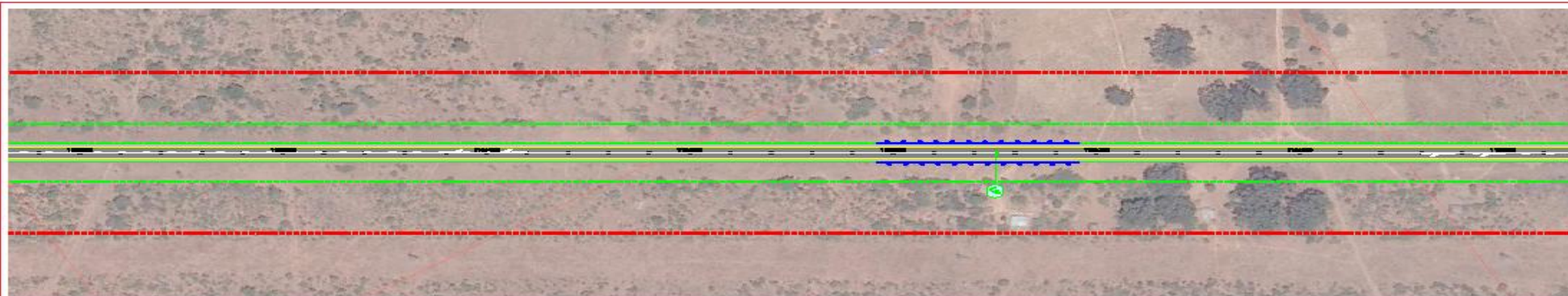
DATE: \_\_\_\_\_  
 REVISION: \_\_\_\_\_

NO.	DATE	BY	REVISION





**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



----- 30 M ROAD RESERVE LIMIT  
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COMESA SECRETARIAT  
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GOVERNMENT OF THE REPUBLIC OF ZAMBIA  
 ROAD DEVELOPMENT AGENCY  
 P.O. BOX 60003, LUSAKA, ZAMBIA



ASCO



TECHNO STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD

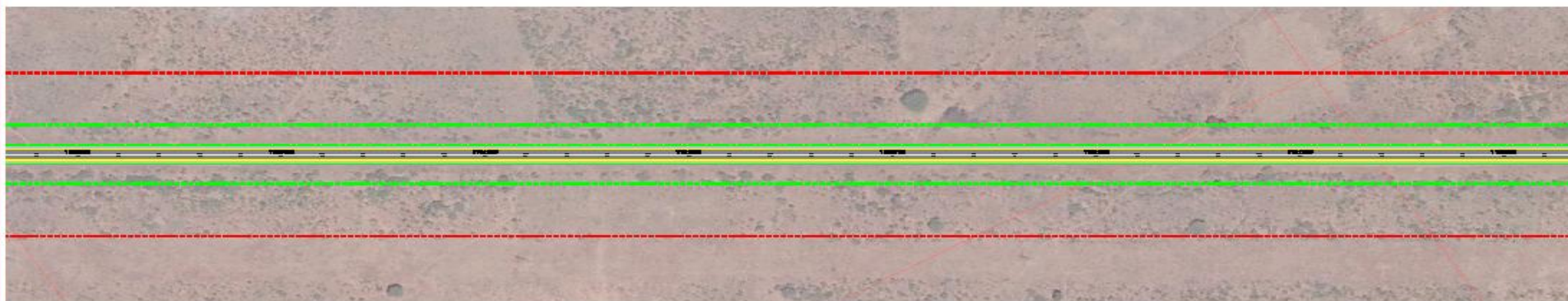
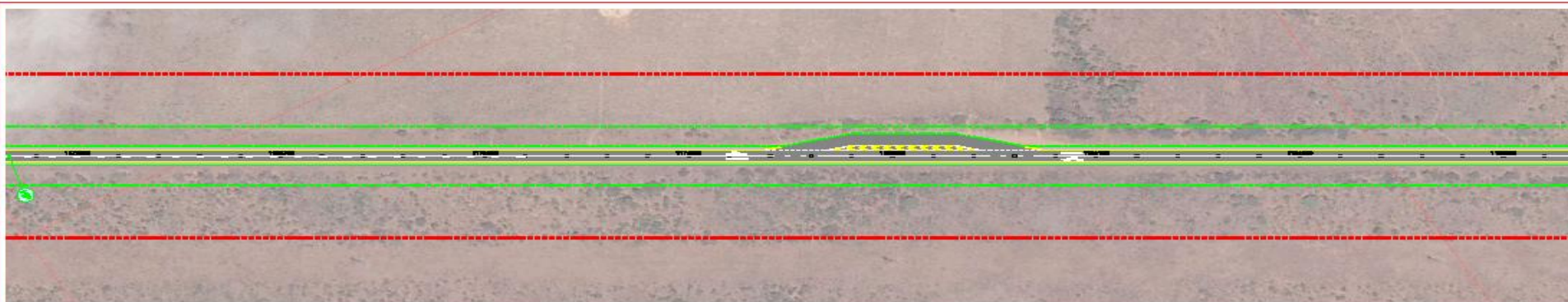
DATE: NOVEMBER 2015

TITLE	PROJECT
NO. OF SHEETS	SHEET NO.
SHEET NO. 001 OF 001	





**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



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 ROAD DEVELOPMENT AGENCY  
 P.O. BOX 90003, LUSAKA, ZAMBIA



KAZASCO  
 ROAD DEVELOPMENT AGENCY



MINISTRY OF ROAD TRANSPORT AND TRANSPORT INFRASTRUCTURE

PROJECT: TECHNICAL STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD

DATE: NOVEMBER 2016

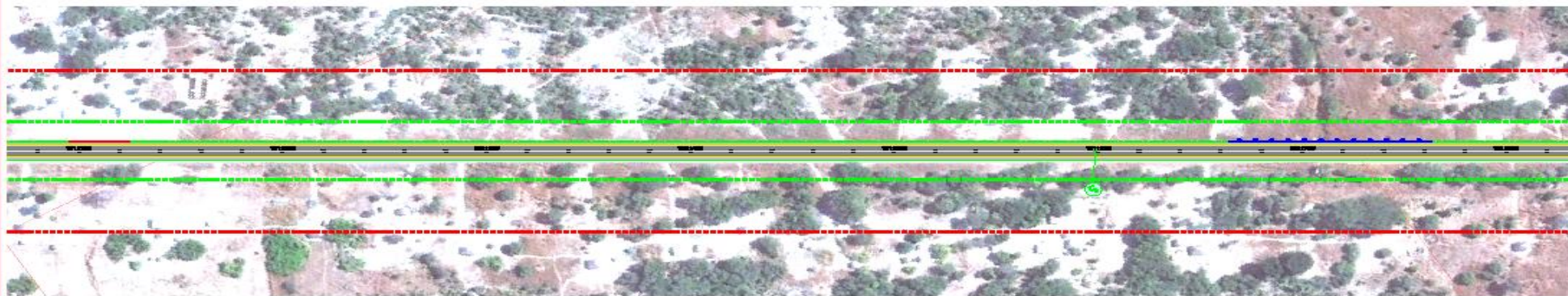
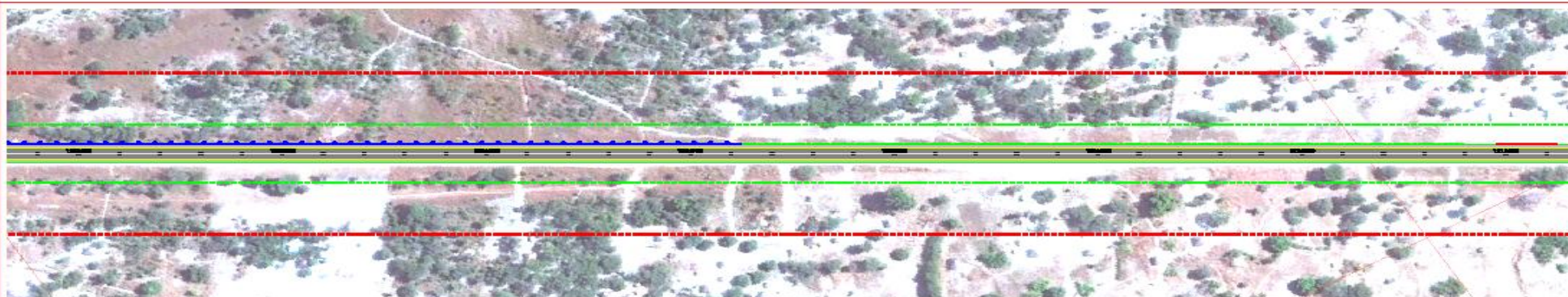
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PROJECT NO:	161.5KM T2 MPIKA AND CHINSALI ROAD
DATE:	NOVEMBER 2016
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**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



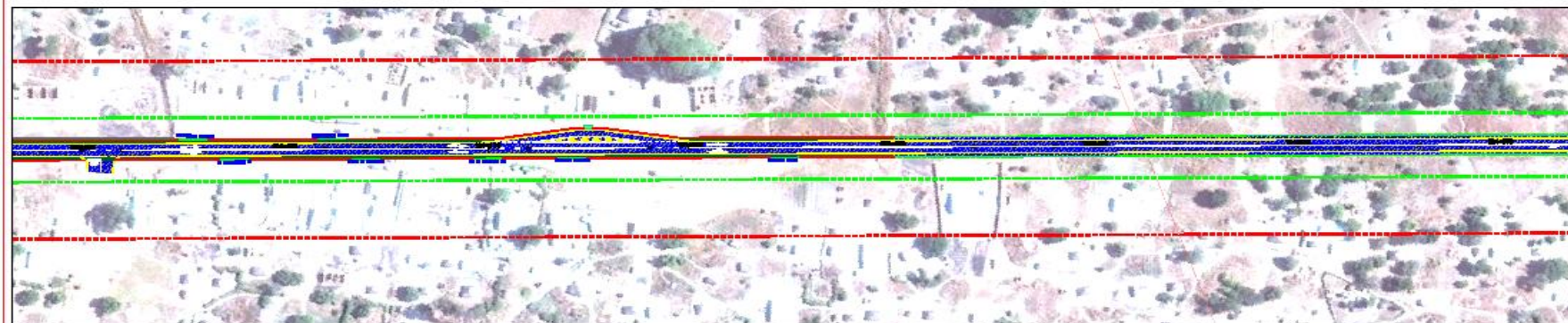
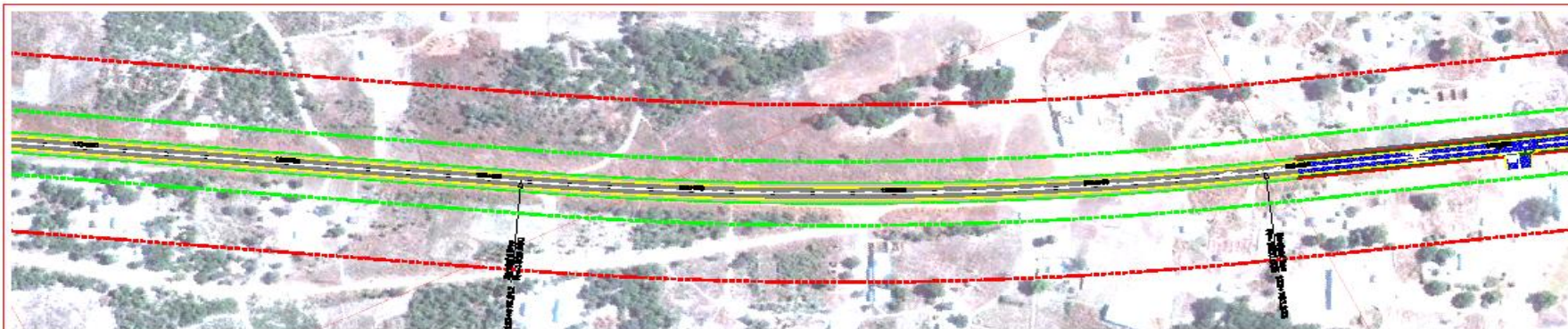
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	<b>COMESA SECRETARIAT</b> BENBELLA ROAD P.O. BOX 30051, LUSAKA, ZAMBIA	<b>GOVERNMENT OF THE REPUBLIC OF ZAMBIA</b> ROAD DEVELOPMENT AGENCY P.O. BOX 90003, LUSAKA, ZAMBIA			TECHNICAL STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD	DATE: NOVEMBER 2015	TITLE: RESSETTLEMENT ACTION PLAN	DRAWN BY: DATE:
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**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



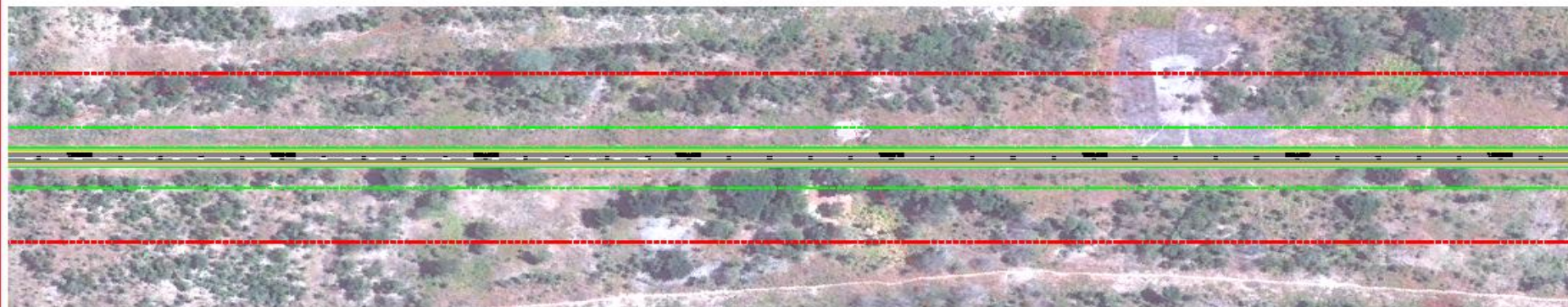
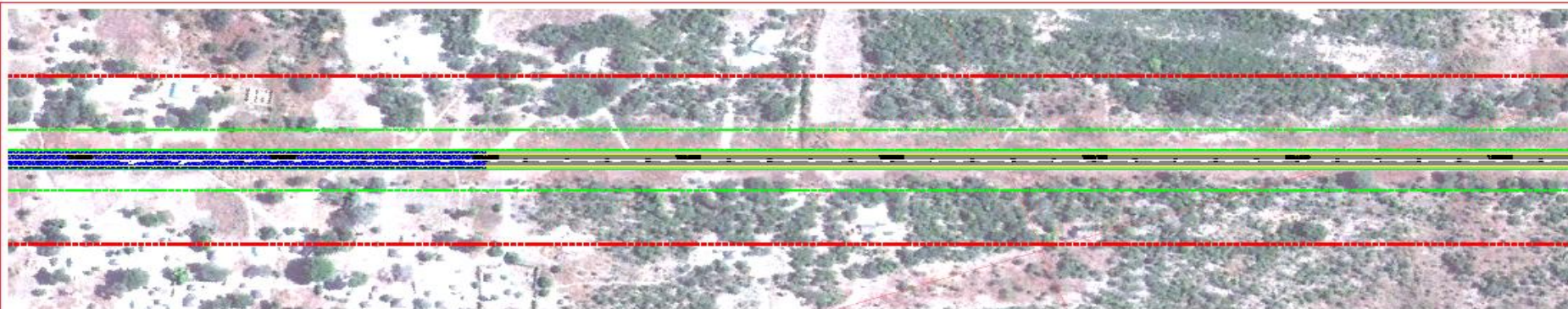
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 ----- 100 M ROAD RESERVE LIMIT

<p>COMESA SECRETARIAT BENBELLA ROAD P.O. BOX 90051, LUSAKA, ZAMBIA</p>	<p>GOVERNMENT OF THE REPUBLIC OF ZAMBIA ROAD DEVELOPMENT AGENCY P.O. BOX 90005, LUSAKA, ZAMBIA</p>	<p>LUSASA LUSAKA SPECIAL ECONOMIC ZONE</p>	<p>ASCO</p>	<p>TECHNO STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD</p>	<p>DATE: _____          NOVEMBER 2015</p>	<p>PROJECT: _____          ROAD DEVELOPMENT AGENCY</p>
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**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



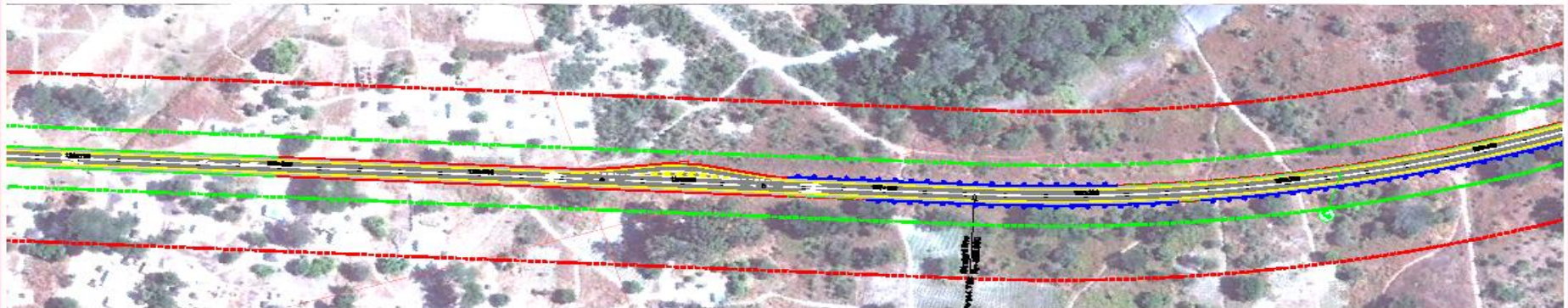
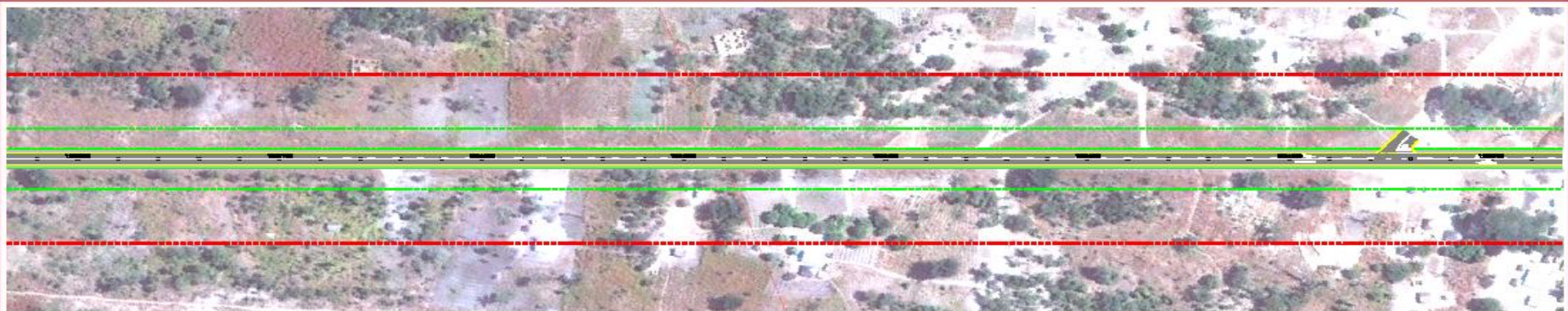
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 <p>COMESA SECRETARIAT BENBELLA ROAD P.O. BOX 96081, LUSAKA, ZAMBIA</p>	 <p>GOVERNMENT OF THE REPUBLIC OF ZAMBIA ROAD DEVELOPMENT AGENCY P.O. BOX 90005, LUSAKA, ZAMBIA</p>			<p>TECHNICAL STUDIES, DETAILED ENGINEERING DESIGNING AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD</p>	<p>DATE: _____          REVISION: _____          PREPARED BY: _____</p>	<p>DEPARTMENT: _____          SIGNATURE: _____</p>
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**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



--- 36 M ROAD RESERVE LIMIT  
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GOVERNMENT OF THE REPUBLIC OF ZAMBIA  
ROAD DEVELOPMENT AGENCY  
P.O. BOX 80003, LUSAKA, ZAMBIA



ZINSA  
ZAMBIA NATIONAL  
ASCO



MINISTRY OF ROAD  
TRANSPORT AND LOGISTICS

PROJECT  
TECHNICAL STUDIES, DETAILED ENGINEERING DESIGNING AND  
PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION  
OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD

DATE:  
REVISION:  
NO:

TEAM

RESPONSIBLE ENGINEER  
NAME:  
PHONE NO:

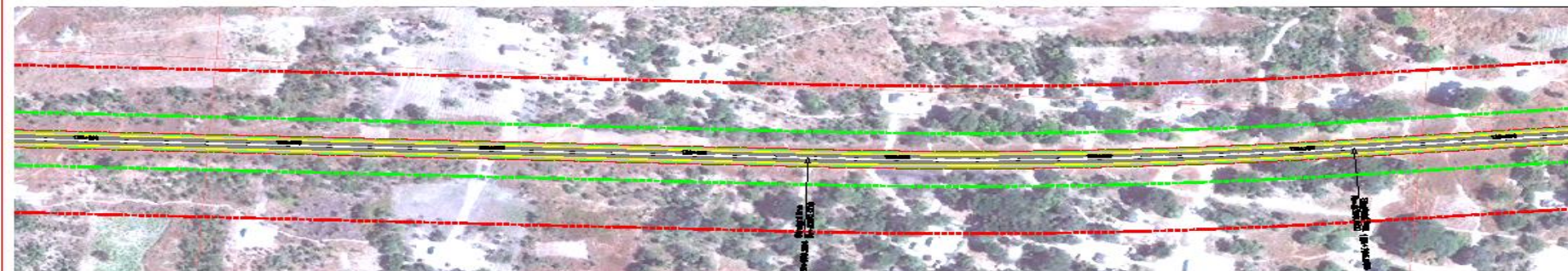
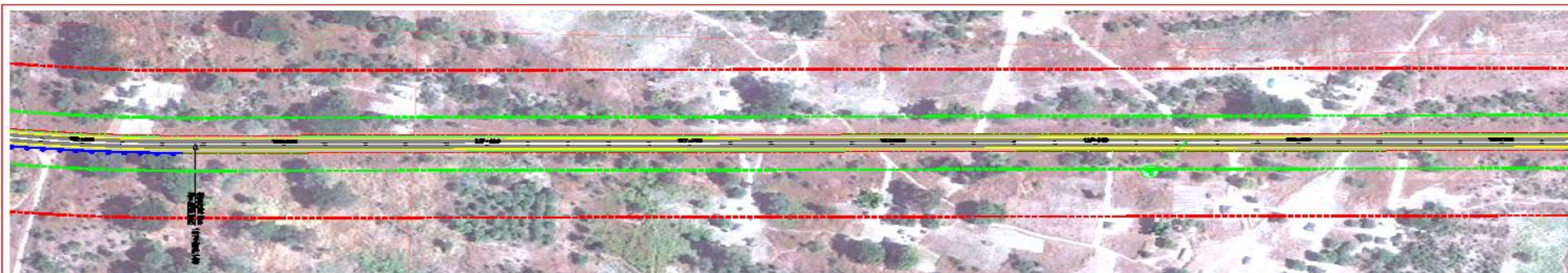
APPROVED:  
DATE:







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**GOVERNMENT OF THE REPUBLIC OF ZAMBIA**  
**ROAD DEVELOPMENT AGENCY**  
 P.O. BOX 90003, LUSAKA, ZAMBIA



**TYPSA**  
 ROAD DEVELOPMENT AGENCY



**ASCO**



**TESTING STUDIES, DETAILED ENGINEERING DESIGNING AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD**

**DATE:**  
**NOVEMBER 2016**

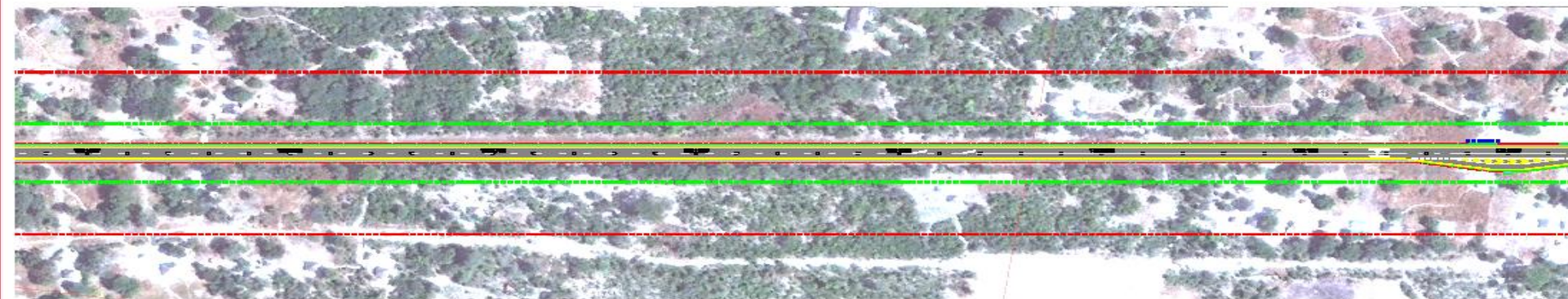
**SCALE:**  
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**PROJECT:**  
 ROAD DEVELOPMENT AGENCY





**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



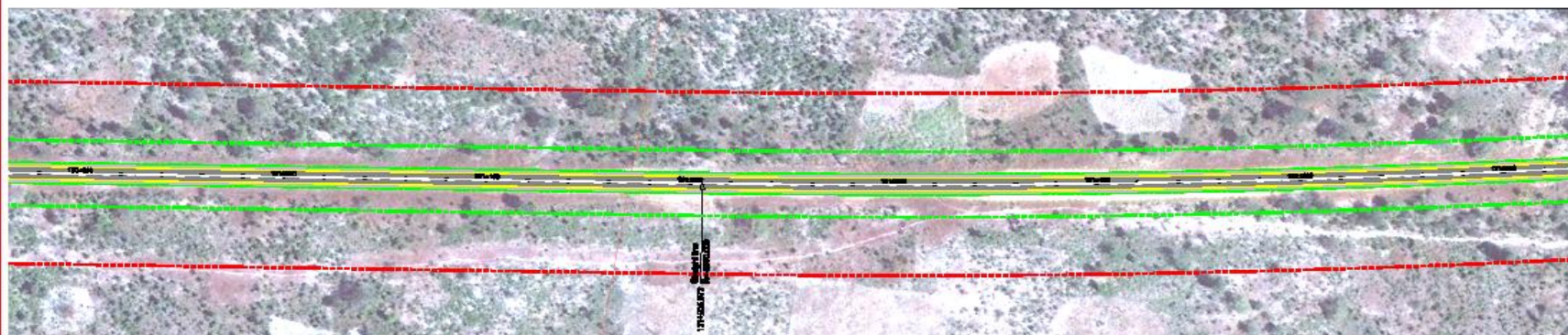
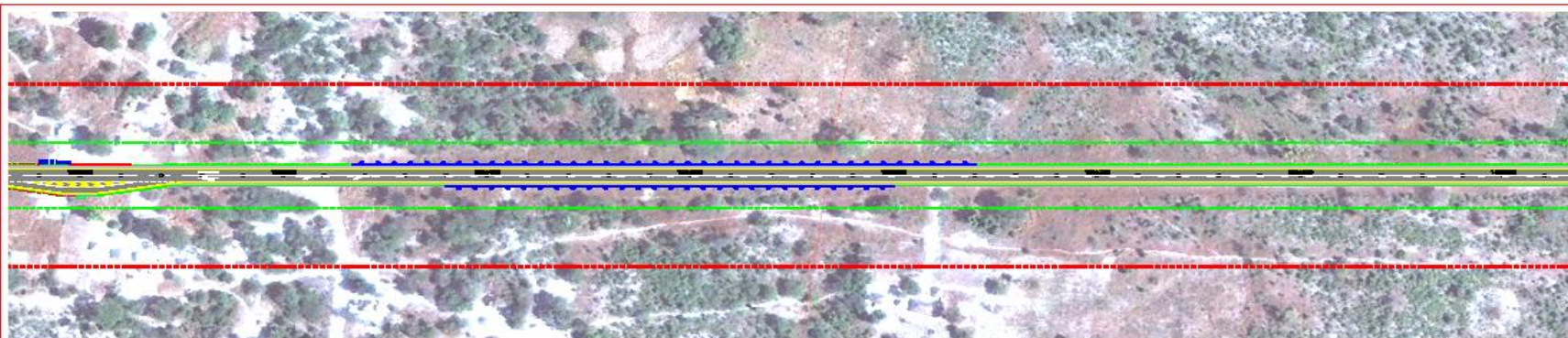
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 ----- 100 M ROAD RESERVE LIMIT

	<b>COMESA SECRETARIAT</b> BENBELLA ROAD P.O. BOX 96081, LUSAKA, ZAMBIA		<b>GOVERNMENT OF THE REPUBLIC OF ZAMBIA</b> ROAD DEVELOPMENT AGENCY P.O. BOX 60005, LUSAKA, ZAMBIA			TECHNICAL STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD	DATE: NOVEMBER 2015	TITLE:	DRAWN BY:
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**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



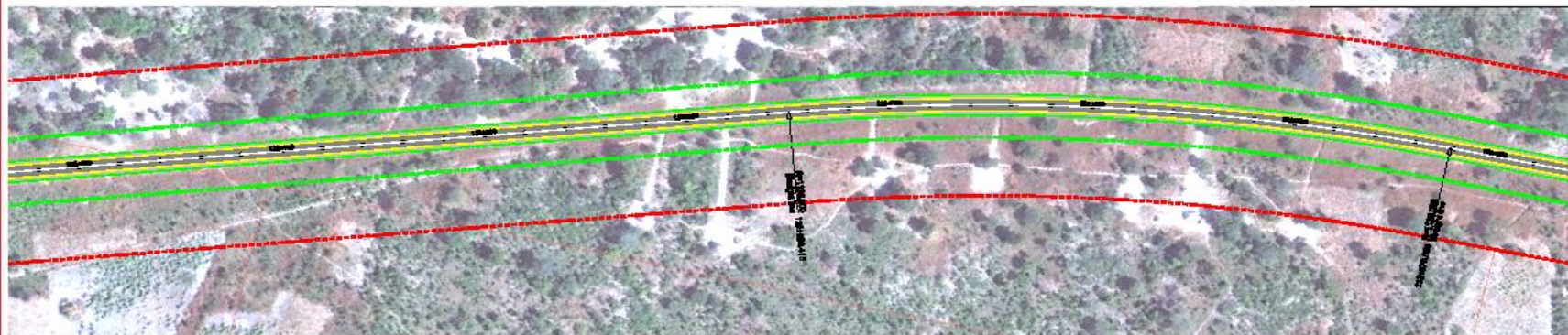
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<p>COMESA SECRETARIAT BENBELLA ROAD P.O. BOX 96051, LUSAKA, ZAMBIA</p>	<p>GOVERNMENT OF THE REPUBLIC OF ZAMBIA ROAD DEVELOPMENT AGENCY P.O. BOX 90003, LUSAKA, ZAMBIA</p>	<p>ASCO</p>	<p>BICON ZAMBIA</p>	<p>TECHNO STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD</p>	<p>DATE: _____          TITLE: _____          PREPARED BY: _____</p>
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 P.O. BOX 90003, LUSAKA, ZAMBIA



ASCO



BICON ZAMBIA

TECHNO STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD

DATE:

NOVEMBER 2015

SCALE:

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PROJECT NO:

RD/15/001

REVISION:

01

DATE:

NOV 2015

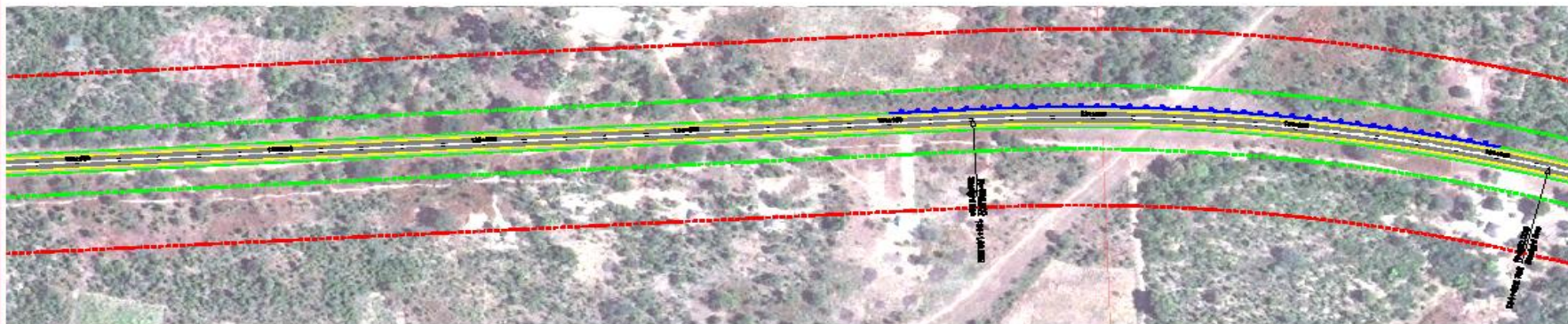
BY:

ASCO





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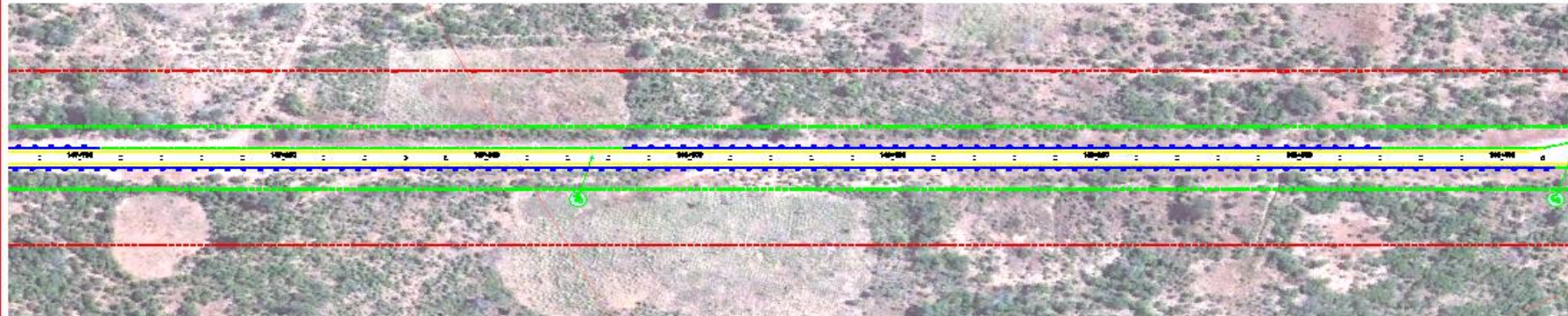
----- 36 M ROAD RESERVE LIMIT  
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<p>COMESA SECRETARIAT BENBELLA ROAD P.O. BOX 96081, LUSAKA, ZAMBIA</p>	<p>GOVERNMENT OF THE REPUBLIC OF ZAMBIA ROAD DEVELOPMENT AGENCY P.O. BOX 90005, LUSAKA, ZAMBIA</p>	<p>ASCO</p>		<p>TECHNO STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD</p>	<p>DATE: NOVEMBER 2018</p>	<p>DISSEMINATION</p>
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 ROAD DEVELOPMENT AGENCY  
 P.O. BOX 80005, LUSAKA, ZAMBIA



TECHNICAL STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD

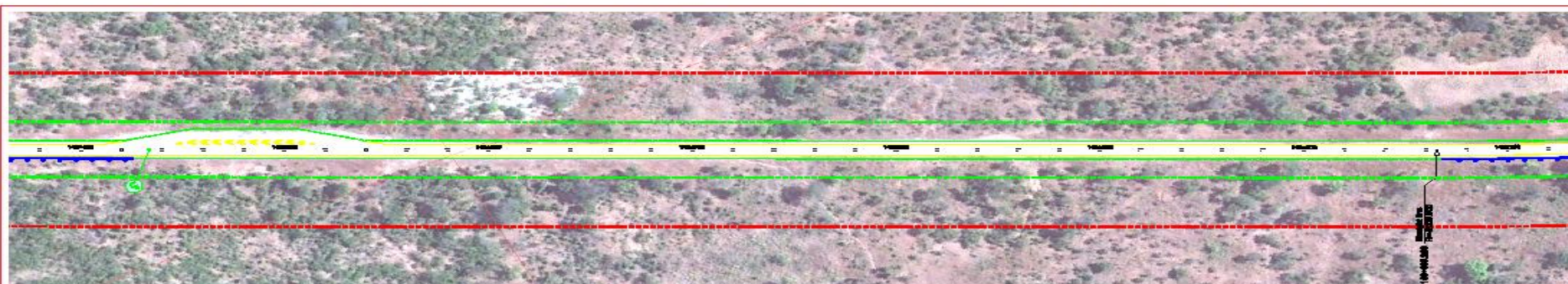
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**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



----- 30 M ROAD RESERVE LIMIT  
----- 100 M ROAD RESERVE LIMIT



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**TECHNO STUDIES, DETAILED ENGINEERING DESIGN AND PREPARATION OF TENDER DOCUMENTS FOR THE REHABILITATION OF APPROXIMATELY 161.5KM OF THE T2 MPIKA AND CHINSALI ROAD**



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### 1.3. OBJECTIVES OF THE RAP

The objective of the RAP is to provide an implementation roadmap to ensure that the development process fully respects the dignity, human rights, economies, and culture of the people along the T2 road from Mpika to Chinsali; avoid potentially adverse effects, provides appropriate safeguards for women and vulnerable members of the community and that affected persons are not left worse off as a result of the Project and as a minimum their livelihoods are restored to what it was before the start of the Project.

In view of the foregoing, the specific objectives of this RAP were to:

- To prepare a Resettlement Action Plan (RAP) of the project in line with the national and EIB's guidelines;
- Ensure that the development process fully respects the dignity, human rights, economies, and culture of the people located along the T2 road from Mpika to Chinsali;
- Avoid potentially adverse effects on the people along the T2 road from Mpika to Chinsali and develop appropriate safeguards for women and vulnerable members of the community;
- Develop mitigation measures to ensure that the affected persons are not worse off as a result of the project and that, as a minimum their livelihoods are restored to what was obtaining prior to the start of the project;
- Provide information necessary for the implementation of resettlement plans;
- Outline institutional arrangements and grievance mechanism necessary for the implementation of the RAP; and
- Define the implementation schedule and monitoring and evaluation of the RAP.

### 1.4. SCOPE OF THE RAP

The RAP has set the parameters and established entitlements for Project Affected People, the institutional framework, mechanisms for consultation and grievance resolution, the time schedule and the budget, and has proposed a monitoring and evaluation system.

The package of agreed entitlements is in the form of a matrix that has included both compensation and measures to restore the economic and social base for those affected. It has addressed the requirements of the RDA policy on Involuntary Resettlement (2003) which requires that people who are adversely affected by project activities receive compensation to the extent that their livelihoods and standard of living is restored to at least a pre-project level.

The resettlement will be carried out in line with requirements of the legal, policy and regulatory framework of Zambia. However, where there are gaps, the standards of the European Investment Bank will override in order to ensure that the losses of the Project Affected Persons are adequately addressed.

Therefore, to achieve the objectives of the RAP, activities were limited to the following:





- i. Identification of persons affected by the project road as a result of the enforcement of the mandatory road reserves of 100m and 36m;
- ii. *Consultation with project affected people (PAP)*. The consultations sought to involve PAPs in formulating ideal compensation strategies;
- iii. Identification of options for compensation of PAPs;
- iv. *Review of Zambian legislation* and guidelines on land acquisition, compensation and development of infrastructure projects;
- v. *Census of property owners* to be affected by the road project and property valuation;
- vi. *Socio-economic survey* on a representative sample of affected households to obtain a social profile of affected persons. The survey aimed at establishing a baseline against which effectiveness of resettlement assistance could be measured. It was based on a comprehensive socio-data questionnaire and covered the following:
  - ♣ Information on family/ household members;
  - ♣ Household land holdings and assets;
  - ♣ Livelihood in affected households;
  - ♣ Health & vulnerability;
  - ♣ Welfare indicators; and
  - ♣ Expenditure patterns.
- vii. *Preparation of a Resettlement Action Plan (RAP)* comprising of an entitlement matrix. Compensation and assistance for resettlement were based on the premise that lives of the affected people should not be worse than before their displacement;
- viii. *Arrangements for implementation* providing guidance on proper implementation of the RAP including institutional arrangements, implementation timeframe and compensation budget derived from property valuation;
- ix. *Consultations with the affected communities* were undertaken throughout the preparation of the RAP and their feedback incorporated in designing resettlement strategies;
- x. Developing a Grievance Redress Mechanism; and
- xi. Developing a monitoring, evaluation and completion audit framework.

## 1.5. APPROACH AND METHODOLOGY

The approach and methodology adopted for the preparation of this RAP is based on the principles and processes outlined in RDA's Terms of Reference which advocates for a strong participatory and consultative process involving different categories of stakeholders, as well as physical assessment and valuation of properties. A combination of desk review, census, socioeconomic study and field visits coupled with extensive stakeholder consultation and participation formed the basis for the preparation of this RAP.

## 1.6. RAP STRUCTURE

Two RAPs have been prepared for the Project (i) A RAP which is looking at the enforcement of a 100m in most rural sections of the road and 36m in the three urban sections of the road; (ii) A RAP, which is looking at 60m on most sections of the road and 36m in the urban sections of the road. This Report is specifically for the 100m road reserve enforcement while a RAP for 60m is presented under a separate cover.



This RAP has specified the procedures RDA will follow and the actions it will take to properly resettle and compensate affected people and communities. The RAP has identified the full range of people affected by the project and justified their displacement after consideration of alternatives that would minimize or avoid displacement. The RAP has outlined eligibility criteria for affected parties, established rates of compensation for lost assets, and has described the levels of assistance for relocation and reconstruction of affected households. The RAP's planning protects the client against unanticipated or exaggerated claims from individuals who have spurious eligibility for resettlement benefits. The mediation of such claims can cause significant delays in project implementation which can result in cost overruns for the project proponent.

The scope and level of detail of resettlement planning has ensured that the livelihoods of people affected by the project are restored to levels prevailing before inception of the project. The following are the essential components, which have been considered in this RAP:

- 11) Identification of project impacts and affected populations;
- 12) Legal framework for land acquisition and compensation;
- 13) Compensation framework;
- 14) A description of resettlement assistance and restoration of livelihood activities;
- 15) Detailed budget;
- 16) An implementation schedule;
- 17) A description of organizational responsibilities;
- 18) A framework for public consultation, participation, and development planning;
- 19) A description of provisions for redress of grievances; and
- 20) A framework for monitoring, evaluation, and reporting.

This RAP has been designed to mitigate the negative impacts of displacement, identified potential development benefits and established the entitlements of all categories of affected persons, with particular attention paid to the needs of the poor and the vulnerable to document all transactions to acquire land, rights, as well as compensation measures and relocation activities established procedures to monitor and evaluate the implementation of resettlement plans and take corrective action as necessary.

The scope and level of detail of this RAP has varied with the magnitude of displacement and the complexity of the measures required mitigating adverse impacts. At a minimum, the RAP has:

- Stated the resettlement objectives;
- Described project impacts, identified all people;
- Provided an inventory of affected assets;
- Demonstrated that displacement is unavoidable and has been minimized;
- Described the legal framework for land acquisition and compensation;
- Described the process of consultation with affected people regarding acceptable resettlement alternatives, and the level of their participation in the decision-making process;
- Described the entitlements for all categories of displaced people;



- Enumerated the rates of compensation for lost assets and demonstrated that these rates are adequate, that is, at least equal to the replacement cost of lost assets;
- Described the relocation assistance to be provided;
- Provided details of arrangements for improving or, at a minimum, restoring the livelihoods and standards of living of displaced persons;
- Outlined the institutional/organisational responsibility for the implementation of the RAP and procedures for grievance redress;
- Provided a timetable and budget for the implementation of the RAP;
- Provided details of arrangements for monitoring, evaluation and reporting where the land acquisition does not result in any loss of livelihoods or loss of income;
- Provided fair compensation for the acquired land and any lost assets on such land at their replacement cost.

Public meetings were held where the principles outlined in the RAP were presented to the affected persons and organizations. RDA through the consultant and the local authorities organized these meetings, made presentations and prepared minutes of the deliberations that included the question and answers.

Upon the completion of public consultations, the RAP was finalised in June 2017 and was subsequently cleared by the EIB. In 2022 RDA with the assistance of Roughton Consultants undertook the verification surveys. The re-assessment of PAPs was as a result of the lapse in time since the last RAP had been prepared in 2017 and in fulfilment of the condition of the Zambia Environmental Management Agency (ZEMA) extension environmental permit (approval Decision Letter) for the road project that was issued on 3 December 2021 for a further period of three (03) years. The condition in the environmental extension letter stipulated the need to update the Resettlement Action Plan (RAP) report and to conduct a re-assessment of the PAPs. ZEMA had on 12<sup>th</sup> May 2014 issued the first approval environmental permit for the road project. The PAPs will therefore be compensated based on the updated/revised RAP.



## CHAPTER TWO

### POLICY, ORGANIZATIONAL & INSTITUTIONAL FRAMEWORK

#### 2.1. INTRODUCTION

This RAP has considered several policy and legal frameworks of the Government of Zambia; EIB Standards and IFC Standards. The legal and policy framework governing resettlement issues as they pertain to the relocation of Project Affected Persons (PAPs) along the T2 road from Mpika to Chinsali with which the Project must comply include the following:

##### 2.1.1. RDA Involuntary Resettlement Policy Guidelines 2003

Resettlement due to road rehabilitation activities in Zambia is a new phenomenon primarily because the country is sparsely populated and also because there has not been new road construction in a long time until the introduction of the Link Zambia 8000 Programme. The implementation of the Mpika Chinsali road rehabilitation programme will give rise to human displacement since it will require the enforcement of the mandatory road reserve of 100m in the rural sections of the road from Km 7 in Mpika to Shiwang'ndu urban area (Km85+000) and then from Shiwang'ndu urban area (Km87+000) to Chinsali turnoff (Km164+000); and 36m road reserve (i.e 18 on either side of the road from the existing centerline) for the heavily settled and urban sections of the road such as *Mpika urban area* (km Km1+000); Shiwang'ndu urban area (Km86+645) and Chinsali turnoff (Km165+645).

Although Zambian legislation covers compensation for lost structures, cropland and fruit trees, other resettlement issues have hitherto not been addressed. The RDA's Guidelines for involuntary resettlement dated November 2003, is the first policy document that aims at ensuring that persons who suffer displacement and resettlement arising from road rehabilitation activities can be compensated adequately for their losses at replacement costs<sup>3</sup>. Moreover, the Guidelines seek to outline roles and responsibilities by various stakeholders in the planning, implementation, monitoring and evaluation of resettlement activities.

##### 2.1.2. The Zambian Legal Framework

It should be noted that there is currently no specific law pertaining to involuntary resettlement in Zambia. However, there are various pieces of legislation that provide guidance regarding legal provisions for resettlement. For *Land Take*<sup>4</sup> and displacement of

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<sup>3</sup>**Replacement cost**—The rate of compensation for lost assets must be calculated at full replacement cost, that is, the market value of the assets plus transaction costs. With regard to **household and public structures**—the cost of purchasing or building a new structure, with an area and quality similar to or better than those of the affected structure, or of repairing a partially affected structure, including labor and contractors' fees and any registration and transfer taxes.

<sup>4</sup> Land take refers to acquiring of land for some public purpose by government agencies, as authorized by the law from land owner(s) after paying compensation for losses incurred by land owner(s) due to surrendering their land.



people, specific attention is drawn to two Zambian laws that will be applicable to land tenure, compensation and resettlement on this project, namely:

- Constitution of Zambia, Chapter 1 of the Laws of Zambia, Article 16
- Lands Acquisition Act Chapter 189.

### **2.1.2.1. The Constitution of the Republic of Zambia**

The Constitution of Zambia, Chapter 1 of the Laws of Zambia, and Article 16 of the Constitution provides for the fundamental right to property and protects persons from the deprivation of property. It states that a person cannot be deprived of property compulsorily except under the Authority of an Act of Parliament, which provides for adequate payment of compensation. The Article further provides that the Act of Parliament under reference shall provide that in default of agreement on the amount of compensation payable, a court of competent jurisdiction shall determine the amount of compensation.

### **2.1.2.2. Lands Acquisition Act Chapter 189**

Lands Acquisition Act Chapter 189 of the Laws of Zambia Section three of the Lands Acquisition Act empowers the President of the Republic to compulsorily acquire property. Sections 5 to 7 of the Act provides for the issuing of notices to show the intention to acquire, notice to yield up property and to take up possession. Section 10 of the Act provides for compensation as consisting of such moneys as may be agreed from moneys appropriated for the purpose by Parliament. Furthermore, this section provides that where the property to be compulsorily acquired is land, the President, with the consent of the person entitled to compensation, shall make in lieu or in addition to any compensation payable under the section, grant other land not exceeding in value of the land acquired. Section 11 of the Lands Acquisition Act provides for the resettlement of the disputes relating to the amount of compensation to the High Court.

Under the Lands Acquisition Act, the principles of compensation are pivoted on the basis that the value of the property for the purposes of compensation shall be the value of the amount which the property might be expected to realise if sold on the open market by a willing seller at the time of the publication of the notice to yield up possession of the property.

Under Part VI of the Lands Acquisition Act (Cap. 189), a Compensation Advisory Board has been established to advise and assist the Minister in the assessment of any compensation payable under the Act.

The foregoing laws form the basis of compensation requirements necessary to fulfil Zambia's regulatory requirements.

### **2.1.2.3. The Public Roads Acts**

The Public Roads Act, No. 12 of 2002 section 18 (3) gives authority to the Road Development Agency (RDA) to enter upon any land for purposes of extraction of materials for road formation. The Act under the same section provides for the notification to the property/land



owner before preparation for commencement of extraction of materials starts. Under section 18 (4) of the Act, compensation should be paid to the affected land owner/occupier if such land is on title. Section 18 (5) of the said Act allows the land/owner occupier to submit some written request to the Agency for any expense or loss that may be incurred if such land is appropriated.

Section 18 (6), of the Act states that in the event of failure to agree upon the amount of compensation the matter shall be decided by arbitration in accordance with the Arbitration Act.

The Act under section 18 (7) provides a number of conditions which shall form the basis for assessment of properties or envisaged losses that are the subject of disagreements.

#### **2.1.2.4. Arbitration Act**

The Arbitration Act No. 19 of 2000 provides for arbitration in cases where the land owner/occupier does not agree with the amount of compensation being offered. Under section 12 (2) of the Act, the parties to arbitration are free to determine the procedure for appointing the arbitrator or arbitrators. Under section 12 (3) (b), if the parties are unable to agree on the arbitration, the arbitrator shall be appointed, upon request of a party, by an arbitral institution.

### **2.1.3. Other Acts with Relevance to the current RAP**

#### **2.1.3.1. Local Government Act, Chapter 281**

Local Government Act provides for a system of Local Governments based on the Districts. Under the Districts, there are lower Local Governments and administrative units. This system provides for elected Councils whereby chairmen nominate the executive committee of each council, functions of which include:

- Initiating and formulating policy for approval by council;
- Overseeing the implementation of Government and Council policies, and monitoring and coordinating activities of Non-Government Organizations in the district; and
- Receiving and solving disputes forwarded to it from lower local governments.

Because local leaders participate in the above roles they will therefore be crucial not only during compensation process but also during project implementation.

#### **2.1.3.2. The Land Act of 1995**

The Land Act of 1995 was enacted to guarantee peoples' right to land while enhancing development. The Act recognises the holding of land under customary tenure and the Chief's role has been legally recognised, such that land cannot be converted or alienated without the approval of the Chief.



This Act is relevant because the rehabilitation of the road will involve close collaboration with the local communities, obtaining consent documents from Chiefs, Headmen, Area Councillors and local authorities of the three districts of Mpika, Shiwang'andu and Chinsali.

### **2.1.3.3. The Urban and Regional Planning Act of 2015:**

This Act provides for the control, use and change of land use zones and reservations for various purposes e.g. siting of work sites. It also provides for the compensation of those affected by planning decisions and regulated development subdivisions.

This provides for development, planning and administration principles, standards and requirements for urban and regional planning processes and systems; provide for a framework for administering and managing urban and regional planning and establish a democratic, accountable, transparent, participatory and inclusive process that allows for involvement of communities, private sector, interest groups and other stakeholders in the planning, implementation and operation of human settlement development. To ensure sustainable urban and rural development by promoting environmental, social and economic sustainability in development initiatives and controls at all levels of urban and regional planning.

This Act is relevant to the RAP because in certain instances RDA may need to obtain planning permission from the relevant Provincial Planning Authority.

### **2.1.3.4. The Housing (Statutory and Improvement Areas) Act (1974)**

Under PART VIII section 38 the Act states that subject to the provisions of this Act, and notwithstanding anything to the contrary contained or implied in any written law or any document, a council may in an improvement area, with the approval of the Minister-

- a) Subdivide the land;
- b) In accordance with the specifications prescribed by the National Housing Authority erect any building or effect any improvement on any piece or parcel of land;
- c) Carry out the construction and maintenance of roads, pathways, waterworks, drainage, sewage and other works for public amenity as it may deem necessary or desirable.

PART IX section 40 (1) of the Act states that every building erected and every improvement effected on any land to which this Act applies shall be in accordance with specifications approved by the National Housing Authority or by the Council in whose jurisdiction such land is situated.



## 2.2. INTERNATIONAL STANDARDS

### 2.2.1. European Investment Bank Standards 6

The EIB identifies social protection as a Human Right based on the Principle of Charter of the Human Rights of European Union Best Practices. Standard 6: Involuntary Resettlement requires that people whose livelihoods are negatively affected by a project should have their livelihoods improved or at minimum restored and/or adequately compensated for any losses incurred. The objectives of this Standard are to:

- i Avoid or, at least minimise, project-induced resettlement whenever feasible by exploring alternative project designs;
- ii Avoid and/or prevent forced evictions and provide effective remedy to minimise their negative impacts should prevention fail;
- iii Ensure that any eviction which may be exceptionally required is carried out lawfully, respects the rights to life, dignity, liberty and security of those affected who must have access to an effective remedy against arbitrary evictions;
- iv Respect individuals', groups' and communities' right to adequate housing and to an adequate standard of living, as well as other rights that may be impacted by resettlement;
- v Respect right to property of all affected people and communities and mitigate any adverse impacts arising from their loss of assets, or access to assets and/or restrictions of land use, whether temporary or permanent, direct or indirect, partial or in their totality. Assist all displaced persons to improve, or at least restore, their former livelihoods and living standards and adequately compensate for incurred losses, regardless of the character of existing land tenure arrangements (including title holders and those without the title) or income-earning and subsistence strategies;
- vi Uphold the right to adequate housing, promoting security of tenure at resettlement sites;
- vii Ensure that resettlement measures are designed and implemented through the informed and meaningful consultation and participation of the project affected people throughout the resettlement process; and
- viii Give particular attention to vulnerable groups, including women and minorities, who may require special assistance and whose participation should be vigilantly promoted.
- ix This RAP has incorporated and followed the due process of RAP preparation which has involved the engagement of the affected community members. The RAP also pays special attention to the rights of vulnerable groups and improvements will be made to the situation of those PAPs who had substandard living conditions prior to the Project.





### 2.3. GAP ANALYSIS BETWEEN NATIONAL LAW AND THE BANK'S STANDARDS

Standards of the EIB on resettlement and the requirements of the Government of Republic of Zambia have a number of common aspects in management of resettlement. For example, both policies place emphasis on the minimisation of the extent of resettlement. Secondly, the both policies recommend for fair and adequate compensations to project affected persons.

However, there some gaps which exists between the EIB standards and the requirements of Government of Republic of Zambia. Some selected examples are as follows:

- **Procedural requirements:** - Under the national legislation, no particular plan that fulfils the standard requirements of RAP needs to be prepared. However, ZEMA may request as a condition of ESIA that a RAP be prepared. As per EIB RAPs are required for projects that result in involuntary loss of land or resettlement. In particular, the project is required to take steps to undertake the activities of a RAP, such as a census, socio-economic survey, and consultation with the PAPs, monitoring and reporting.
- **Public consultation and participation of project affected communities:** - Existing national legislation does not require resettlement plans to be disclosed. Similarly, no formal provisions are established to redress grievances that may occur; the only legal recourse available is through the Courts of Law. This RAP has consulted with the PAPs and meaningfully engaged them in the planning process and provided measures for addressing grievances and disputes.
- **Categories of people eligible for compensation:** - Under the national legislation, only those people and entities with registered property rights are entitled to compensation. This potentially precludes many categories of affected people that would be entitled to compensation under the EIB standards including:
  - a) Users who use land on the basis of an informal agreement, often with a relative or extended family member (share croppers, tenant farmers);
  - b) Owners who occupy land that was transferred by informal agreement from another owner;
  - c) Owners who have not registered a change in ownership following a family death, marriage annulment or similar situation;
  - d) Internally Displaced People (who have no rights to land);
  - e) People who make use of communal resources to which they have no formal title; and
  - f) Informal dwellers.

In order to ensure compliance with international standards, such as IFC and EIB standards, all affected households and business entities, without regard to their legal status, will be eligible for compensation as defined in the Entitlement Matrix of this RAP.

- **Vulnerable groups:** - National legislation does not require particular attention to be given to the needs of vulnerable groups. This RAP has identified some vulnerable



groups including the elderly, women and children, indigenous groups, orphans, ethnic groups, the landless and other disadvantaged groups as previously defined.

- **Other resettlement support:** - The current national legislation establishes that compensation is payable for loss of land, buildings, crops, profit and other damages arising from the acquisition of land for a project. Other costs, such as moving cost or rehabilitation support to restore the previous level of livelihood are not covered but are required by World Bank/IFC. This issue has been addressed in this RAP.

A comparison between the Zambian legislation and International standards is provided below.

- Under EIB, displaced persons are classified into the three groups. Land owners under Group a and b, are among the PAPs who are entitled to full, fair and prompt compensation as well as other relocation assistance. With respect to those in Group c, where displaced persons have no recognizable legal rights they are to be provided with resettlement assistance in lieu of compensation for the land they occupy, as well as other assistance. Under Zambian law, Group (a) and (b) are entitled to compensation. However, those under (c) are not entitled to compensation. However, they will be given compensation for the investment they made on the land.
- On aspects on compensations on land, the policies of Government of Zambia consider the different intrinsic values associated with various classes of land (customary land, leasehold land, freehold land, public land). In such cases, rates for compensation on land vary from one site to another and from one class of land tenure to the other. EIB policies do not distinguish such differential aspects of land classes and corresponding different market rates and instead insist on replacement cost of the land regardless of its type.
- In cases on compensation of loss of land by project affected people, the EIB policies prefer land for land compensation. In Zambia an option of land for land compensation is normally preferred in customary land transaction while the option of land for money compensation is the preferred options in urban areas.
- The EIB's policy clearly stipulate resettlement as an upfront project – in that all issues of land acquisition and relocation of project affected people has to be done prior to commencement of the project site on the acquired site. The Zambian policies do not clearly spell out this approach and in practice; resettlement is treated as a separate exercise outside project planning and implementation.
- The EIB's policy clearly recommends for adequate resettlement assistance and rehabilitation assistance to relocated people as a way of restoring and enhancing socio – economic living standards. This is supposed to be undertaken within the first years of relocation to the new sites. The Zambian legislation does not clearly define the extent of resettlement assistance to relocated people. Much of available support is normally left in hands of District Commissioners and local chiefs within the district and area of relocation of the project affected people.



Other gaps between the two approaches are in the following areas:

1. **Extent of entitlement:** EIB policy includes affected parties with non-formal property rights, while this does not apply in all instances in Zambia.
2. **Timing of payments:** EIB policy requires payment before loss of assets, while the Zambian legislation does not have this requirement.
3. **Relocation and resettlement:** EIB requires additional assistance with resettlement (such as establishment of new sites) while this is not provided in Zambian laws.
4. **Livelihood restoration:** The EIB requires that livelihoods are improved or at least restored, while the Zambian laws does not contain requirements for livelihood restoration.
5. **Grievance mechanisms:** The EIB policy requires that a grievance mechanism is established as early as possible in the project development phase, while the Zambian laws do not specify on the same.

This RAP will be implemented in accordance with international best practices. In instances where the existing Zambian laws do not make certain policy provisions, the EIB guidelines and other international standards will prevail.

## **2.4. INSTITUTIONAL FRAMEWORK**

### **2.4.1. Ministry of Infrastructure, Housing and Urban Development**

The Ministry of Infrastructure, Housing and Urban Development (MIHUD) is responsible for the overall policy formulation and monitoring of the public roads infrastructures. The Ministry oversees construction and civil engineering activities to the extent that they should not adversely affect the environment. The Ministry will play a role in ensuring the RAP guidelines are implemented through their representative in the RDA Board of Directors and would mainly be involved in supervision and ensuring compliance with policies of the transport sub-sector. The Office of the Director Government Valuation Department (GVD) which is responsible for the Valuation of Properties at the request of Clients falls under the MIHUD. GVD will play a role in resolving public complaints that may arise from the valuation of assets for compensation purposes.

### **2.4.2. Ministry of Local Government and Rural Development (MLGRD)**

The districts of Mpika, Shiwan'gandu and Chinsali fall under the jurisdiction of the Ministry of Local Government and Rural Development. The guidance of the Ministry will be critical in the implementation of the civil works and the RAP.

### **2.4.3. Road Development Agency (RDA).**

This RAP will be implemented by RDA (Environmental and Social Management Unit-ESMU) in conjunction with respective district local governments (Mpika, Shiwan'gandu and Chinsali); and traditional leaders. Key implementation processes will involve mainly the payment of compensation to affected people and the follow up monitoring and evaluation activities.



RDA will have the overall implementation responsibility of the RAP through the Environmental and Social Management Unit-ESMU. Its specific roles will be to source the compensation funds, and ensure timely compensation payments and coordinate with different stakeholders.

RDA will ensure that the affected households have adequate time to replace their assets and will work with such affected persons to ensure they are able to achieve this before the expiry of notice to vacate their affected properties and before the commencement of civil works. RDA will make available financial resources necessary to meet compensation and resettlement costs.

#### **2.4.4. District Councils & Traditional Leadership**

Both Local Councils and Traditional leadership are responsible for local policy matters, economic development, resolving local conflicts and providing orderly leadership and democratic practices at the grass roots level in their respective areas. The system has facilitated mass participation in government affairs and awakened the rural population to their rights of citizenship and obligations particularly regarding involvement in development programs and projects. These councils and traditional leaders will thus be helpful during the identification of rightful property owners and resolving compensation grievances.

#### **2.4.5. Zambia Environmental Management Agency (ZEMA)**

The ZEMA is empowered under the Environmental Management Act (EMA), No. 12 of 2011 to ensure that the Zambian environment is protected adequately and is therefore safe to humans, animals and plants. ZEMA also manages the EIA process, establishes the terms of reference for project assessments, reviews environmental assessment reports and conducts follow-up monitoring.

ZEMA will exercise general supervision and co-ordination over all matters relating to the environment. It is the principal instrument of Government in the implementation of all policies relating to the environment and ensures that all mitigation measures proposed are actually implemented.



## CHAPTER THREE

### POTENTIAL IMPACTS FROM ROAD REHABILITATION

#### 3.1. INTRODUCTION

Identification of planned project impacts and the population that will be affected is an important step of the RAP process. This section looks at the impacts that the Project will produce and proposes mitigation and remedial measures to address the adverse impacts.

#### 3.2. POSITIVE IMPACTS

Positive impacts of the Project will include improvement of access with associated increased safety and tourism, reduction in travel times, employment generation for local communities during construction and reduction in vehicle maintenance costs due to the rehabilitation of 165km of road.

#### 3.3. NEGATIVE IMPACTS TRIGGERING RESETTLEMENT

##### 3.3.1. Road Reserve Enforcement

During preparation of this RAP consideration was given to project components/ activities that would give rise to resettlement. These activities include the enforcement of the mandatory road reserve being defined as 100m for the rural sections and 36m for the heavily settled areas such as Mpika urban area (Km0+Km7), Kalalantenkwe or Shiwang'and BOMA (K7+770-Km89+920) and Mucheleka or Chinsali turnoff area-Km164+550-165+430). The construction activities will be carried out within 22m (i.e. 11m on both side of the existing centerline), which will be enough space to accommodate all road furniture and creation of road detours.

Most of the impacts related to demolition of structures will occur in the road reserve and few impacts are within the construction width. Trading centres (i.e. road side shops especially at Mukungwa, Luanya, Mukwikile, Phillip, Kabangama and Kanakashi markets) are the most affected areas by the proposed road reserves. In order to minimize the level of impacts, the recommended 36m road reserve for heavily settled areas of urban areas of areas such as Mpika urban, Kalalantenkwe (Shiwang'and BOMA) and Mucheleka (or Chinsali turnoff area) will be enforced.

The above consideration is in line with the Public Roads Act of 2002, which categories "trunk roads" to require a road reserve of 100m while "urban" roads to have a road reserve of 36m.

##### 3.3.2. Access and Siting of Borrow Pits

The design for the project proposes to use existing borrow pits for all new works, but if some new sites will be identified as sources of construction materials, there is a need to be accessed through construction of temporary access roads and if this will lead into private properties, then the requirements of the Public Roads Act of 2002 in relation to



involuntary settlement will be evoked to ensure that affected private properties are adequately covered.

### 3.4. RESULTANT IMPACTS

The census of the PAPs revealed that the Project will lead to loss of residential structures and loss of business. Due to the proposed road reserves (i.e. 100m and 36m), a number of private properties will be affected. Impacted properties are any property that is owned by the government, a community, private or encroachers/squatters, such as piece of land, infrastructure facilities, access, front walls of houses or business place, trees and any other natural or man-made features that would need to be altered, re-arranged or be demolished in order to get the required width for both the proposed road rehabilitation and road reserves.

The extent of the impact is discussed under the following categories:

#### 3.4.1. Structures

1. **Loss of residence-** People who will be displaced by having to move their place of residence to allow for the preservation of the road reserve of the project road, construction camps, access roads, or any other associated infrastructure. The enforcement of the mandatory road reserves will affect 239 structures currently used as residences. In terms of lots, there are no houses in Lot 1, which will be demolished. 122 and 117 houses were found to be within the road reserve in Lot 2 and 3 respectively will need to be demolished.
2. **Loss of Roadside Shops and business** – People who will be displaced by having to move their places of business to allow for the construction of the road related infrastructure. These are business shops and selling points etc. The enforcement of the mandatory road reserves will affect 208 shops currently used as road side shops. Of these shops, 12 shops are found in Lot 1, 127 shops are found in Lot 2 while 69 are found in Lot 3.

#### 3.4.2. Loss of Business Income

Shop owners or tenants are not expected to lose income as a result of the project because compensation payments are expected to be paid in advance prior to the relocation of the shops. The shop owners or tenants will thus be allowed to continue operating their businesses in their current shops while new shops are being built using compensation funds. Shop owners will be provided a grace period of 3-4 months to relocate their shops and other structures outside the road reserve areas after having been paid compensation.

#### 3.4.3. Loss of land

People who will lose their formal rights to the land they occupy, or have a claim to the land that is recognizable under the national laws, people that have no recognizable legal right or claim to the land they occupy will be provided cash



compensation should be lost if any such land is lost during the road rehabilitation activities. There are only three (03) land owners in Mpika town with titles to their lands. The rest of the PAPs are under the three traditional chiefs namely Chief Chikwanda, Chief Mukwikile and Chief Chibesakunda. The land in the road reserve areas belongs to RDA and therefore the PAPs will only be paid for the improvements that they have made on the land in the road reserve in accordance with section 48 (8) of the Public Roads Act.

#### **3.4.4. Communal resources**

These will include unprotected wells and boreholes, water taps, communal play grounds, market places and other resources. Owners of such facilities will be paid compensation to facilitate for the erection of these facilities outside the road reserve areas. Most of the affected water points are traditional unprotected wells. In terms of distribution, Lot1 has no water points affected; Lot2 has 13 affected water points while Lot 3 has 14 affected water points.

#### **3.4.5. Sanitation Facilities**

Compensation will be provided to construct the toilet facilities outside the road reserve areas.

#### **3.4.6. Places of worship**

Some places of worship will be relocated from the road reserve area. Compensation will be paid to the church owners. There are only 4 churches affected by the enforcement of the mandatory road reserve and these are found in Lot 2 (1) and Lot 3 (3) only.

#### **3.4.7. Fruit Trees**

The enforcement of the mandatory road reserve may result in the uprooting of 3,467 fruits. 2,756 are in Lot 2 while 711 trees are in Lot 3. However, in instances where the affected owner(s) of fruit tree(s) is/are not relocating from the area and the fruit tree(s) is/are not in the construction zone, such fruit tree(s) will not be removed from the road reserve and will therefore not be a subject of compensation payment.

#### **3.4.8. Archaeology and cultural heritage**

There are no known archaeological remains and structures of historical importance in the area. The cultural heritage along the project road such as graves were found to be located outside the road reserve and therefore no impacts are expected.

#### **3.4.9. Impact on Vulnerable Groups**

The socio-economic survey and subsequent analysis indicate that there are PAPs who are particularly vulnerable and are at greater risk of further impoverishment because of the implementation of the project. According to the Law on Social Welfare and Child Protection, vulnerable people are usually identified as people who find themselves in a situation of sudden and temporary need and are not able to cope with the situation and therefore requires external support. In Zambia, disability, old



age, women headed household, internally displaced people or refugees, minorities, landless labourers, women head of household, etc.), are usually regarded as vulnerable. The household assessment conducted among the PAPs show that 124 households had one or two of the above classifications and therefore fall within the category of vulnerable people. The identified vulnerable household heads will get special treatment during the resettlement process. The table 3-1 shows the vulnerable project affected persons.

**Table 3-1: Vulnerable Project Affected People**

S/N	Name of PAP	Reason for Vulnerability	Main Asset(s) Affected	Village	Town
<b>LEFT HAND SIDE OF THE ROAD</b>					
1.	Doris Palunga	Female headed HH	House	Mwenge	Mpika
2.	Melito Mukuka	Old age	House	Mwenge	Mpika
3.	Mary Chisaka	Disabled	House	Chibuta	Mpika
4.	Katongo Daniel	Mental disability	House, Shop	Chibuta	Mpika
5.	Yulieta Kaluba	Old age	House	Chibuta	Mpika
6.	Mandalena Mwansa	Old age	House, Fruit trees	Chibuta	Mpika
7.	Warren Kampamba	Female headed HH	House	Mulenga Kasomo	Mpika
8.	Beauty Musonda	Female headed HH	Shop	Mulenga Kasomo	Mpika
9.	Joyce Mwansa	Old age	Shop	Mulenga Kasomo	Mpika
10.	Chisunke Chiluba	Old age	House, Fruit trees	Lwanya	Shiwangandu
11.	Purity Bwalya	Female headed HH	Shop	Biwell	Shiwangandu
12.	Ruth Mumamba	Female headed HH	Shop	Mukwikile	Shiwangandu
13.	Susan Mulenga	Female headed HH	Shop	Mukwikile	Shiwangandu
14.	Violet Kangwa	Female headed HH	Shop	Mukwikile	Shiwangandu
15.	Anne Chama	Old age	House, Fruit trees	Mukwikile	Shiwangandu
16.	Jameson Ngandu	Old age	Shop	Mukwikile	Shiwangandu
17.	Deluxe Chileshe	Old age	Shop	Mukwikile	Shiwangandu
18.	Naomi Katongo	Disability	House	Biwell	Shiwangandu
19.	Ruth Mukupa	Female headed HH	House	Phillip	Shiwangandu
20.	Dainess Mwila	Old age	House	Kasangala	Shiwangandu
21.	Alice Nsofwa Mulenga	Female headed HH	House	Kasangala	Shiwangandu
22.	Getrude Mwamba	Old age	Shop	Kanakashi	Shiwangandu
23.	Justina Kangwa	Old age	House	Muchila	Shiwangandu
24.	Violet Mutongwa	Female headed HH	House	Muchila	Shiwangandu





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25.	Filise Katyetye	Old age	House	Kaluba	Shiwangandu
26.	Ntuse Maggie	Old age	Insaka	Miyomba	Shiwangandu
27.	Josephine Kampamba	Female headed HH	House, Fruit trees	Chinkumba	Shiwangandu
28.	Festone Chibelushi	Old age	House	Chinkumba	Shiwangandu
29.	Mulenga Shula	Old age	House	Chimbele	Chinsali
30.	Isaac Kangwa	Old age	Insaka	Chimbele	Chinsali
31.	Maureen Chnda	Female headed HH	Insaka	Chimbele	Chinsali
32.	Lucina Mbulo	Old age	House	Chimbele	Chinsali
33.	Aless Kafula	Old age	Shop	Chimbele	Chinsali
34.	Maxwell Mubanga	Old age	Shop	Chimbele	Chinsali

**RIGHT HAND SIDE OF THE ROAD**

1.	Hilda Muwowo	Old age	House	Chikwanda	Mpika
2.	Pascalina Mwamba	Female Headed HH	House, Fruit trees	Chikwanda	Mpika
3.	Betty Lungu	Child Headed HH	House	Chikwanda	Mpika
4.	Steven Mwansa	Old age	Shop, House	Chikwanda	Mpika
5.	Evarine Chibesa	Female Headed HH	Toilet	Chikwanda	Mpika
6.	Humphrey Mukuka	Disabled	Shops	Chikwanda	Mpika
7.	Elizabeth Mekamu	Female Headed HH	House	Fwambo	Mpika
8.	Silvia Mulenga	Female Headed HH	Bathroom	Chikwanda	Mpika
9.	Nsalamo Mulenga	Old age	House	Laulenti	Mpika
10.	Musonda Kabwe	Disabled	Shops	Lupatula	Shiwangandu
11.	Buche Mpuia	Old age	Toilet, Fruit trees	Mukungwe	Shiwangandu
12.	Delinna Mwansa	Female Headed HH	House	Chnda Ngosa	Shiwangandu
13.	Chali Mpatamato	Female Headed HH	Insaka, Fruit trees	Mungalaba	Shiwangandu
14.	Monica Chileshe	Female Headed HH	House, Fruit trees	Chaleshi	Shiwangandu
15.	Even Chola	Mental	House, Fruit trees	Charles	Shiwangandu
16.	Abel Simeo	Old age	Well	Telatela	Shiwangandu
17.	Maggie Bwembya	Old age	House, Fruit trees	Telatela	Shiwangandu
18.	Friday Bwembya	Old age	Well	Telatela	Shiwangandu
19.	Prisca Chewe	Female Headed HH	Shop	Telatela	Shiwangandu
20.	Lwanga Mutale	Female Headed HH	House	Bilwell	Shiwangandu
21.	Deophister Chama	Child Headed HH	House	Bilwell	Shiwangandu
22.	Hellen Chileshe	Old age	House, Fruit	Bilwell	Shiwangandu



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			trees		
23.	Janet Kaluba	Female Headed HH	Shop	Bilwell	Shiwangandu
24.	Bernadette Chanda	Old age	Well, Fruit trees	Bilwell	Shiwangandu
25.	Winfridah Bwalya	Female Headed HH	Shop, Pine trees	Kasaka	Shiwangandu
26.	Gloria Chitah	Female Headed HH	Houses	Phillip	Shiwangandu
27.	Maggie Kampamba	Female Headed HH	Shop	Phillip	Shiwangandu
28.	Kentilina Kampamba	Old age	Shop	Phillip	Shiwangandu
29.	Joana Lukonde	Old age	House	Phillip	Shiwangandu
30.	Janet Mumbi	Female Headed HH	Shop	Mushishi	Shiwangandu
31.	Felix Chanda	Old age	House, Fruit trees	Kamangu	Shiwangandu
32.	Anastasia Kapeso	Old age	House, Fruit trees	Kamangu	Shiwangandu
33.	Joyce Musonda	Female Headed HH	Toilet, Fruit trees	Kasangala	Shiwangandu
34.	Esther Bwalya	Female Headed HH	House	Kasangala	Shiwangandu
35.	Jenipher Mwila	Female Headed HH	Houses	Kasangala	Shiwangandu
36.	Sharick Bwalya	Disabled	Insaka, Fruit tree	Kasangala	Shiwangandu
37.	Anne Kasamu	Female Headed HH	Fruit trees	Chakunta	Shiwangandu
38.	Chiwala Bwalya	Old age	Kitchen, Toilet, Fruit trees	Chakunta	Shiwangandu
39.	John Chibale	Old age	Shop, Insaka	Kanakashi	Shiwangandu
40.	Ronald Chengo	Old age	House	Kafunga	Shiwangandu
41.	Kapanga Chibole	Old age	House	Kanakashi	Shiwangandu
42.	Agness Chewe	Female Headed HH	House	Kanakashi	Shiwangandu
43.	David Shimumbi	Old age	Shop	Kanakashi	Shiwangandu
44.	Emeldah Bwalya	Female Headed HH	Shops, Fruit trees	Kanakashi	Shiwangandu
45.	Prisca Chileshe	Old age	Insaka, Bathroom, Fruit trees	Kanakashi	Shiwangandu
46.	Leya Chibesa	Female Headed HH	Insaka, Bathroom, Fruit trees	Katapa	Shiwangandu
47.	Belita Ngandu	Old age	Toilet, Fruit trees	Muchila	Shiwangandu
48.	Mary Muyongwa	Female Headed HH	House, Fruit trees	Muchila	Shiwangandu
49.	Carol Chalela	Female Headed HH	House, Fruit trees	Bulaya	Shiwangandu
50.	Mutompwe Mfula	Female Headed HH	Shop	Bulaya	Shiwangandu



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51.	Josephine Chalela	Female Headed HH	House, Fruit trees	Bulaya	Shiwangandu
52.	Mary Chilela	Female Headed HH	Shop	Bulaya	Shiwangandu
53.	Grace Nkonde	Female Headed HH	House, Fruit trees	Kaluba	Shiwangandu
54.	Foster Kasonde Luchembe	Old age	Kitchen, Fruit trees	Luchembe	Shiwangandu
55.	Esther Bwalya	Female Headed HH	House	Chikumba	Shiwangandu
56.	Lavenda Kampamba	Female Headed HH	House, Kitchen, Fruit trees	Chikumba	Shiwangandu
57.	Chimfwembe Bwalya	Old age	Insaka	Chikumba	Shiwangandu
58.	Franscesca Chewe	Female Headed HH	Shop	Chikumba	Shiwangandu
59.	Jack Nkonde	Old age	Shops	Chikumba	Shiwangandu
60.	Lovewell Mateyo	Disabled	House	Chikumba	Shiwangandu
61.	Juliet Mfula	Female Headed HH	Insaka, Toilet, Bathroom	Chikumba	Shiwangandu
62.	Judith Kampamba	Female Headed HH	Toilet, Fruit trees	Chikumba	Shiwangandu
63.	Mweo Mwelwa	Old age	Shop, Insaka, Fruit trees	Chikumba	Shiwangandu
64.	Annie Nsofu	Female Headed HH	Toilet	Chikumba	Shiwangandu
65.	Mary Mulunda	Female Headed HH	Toilet	Chikumba	Shiwangandu
66.	Alesi Ng'ona	Old age	House	Chikumba	Shiwangandu
67.	Davies Mfula	Old age	Shops, Chalets, Fruit trees	Matutu	Shiwangandu
68.	Charity Musonda	Female Headed HH	House, Ornamental trees	Matutu	Shiwangandu
69.	Godwell Matutu	Old age	Fruit trees	Matutu	Shiwangandu
70.	Mary Mulenga	Female Headed HH	House	Matutu	Shiwangandu
71.	Foster Bwalya	Female Headed HH	Houses	Matutu	Shiwangandu
72.	Croford Chewe	Old age	Houses, Fruit trees	Chifunsa	Shiwangandu
73.	Beauty Chanda	Old age	House	Chifunsa	Shiwangandu
74.	Dorcas Bowa	Female Headed HH	House	Chifunsa	Shiwangandu
75.	Evarlyn Wachipa Matutu	Female Headed HH	House	Matutu	Shiwangandu
76.	Justina Mulenga	Female Headed HH	Houses	Chifunsa	Shiwangandu
77.	Dorothy Mwila	Female Headed HH	House	Chifunsa	Shiwangandu
78.	Justina Bowa	Old age	House, Fruit trees	Chifunsa	Shiwangandu
79.	Getrude Mutale	Female Headed HH	Toilet, Insaka, Bathroom	Chimbele	Chinsali



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80.	Kasonde Kampamba	Disabled	Shop, Toilet	Chimbele	Chinsali
81.	Monica Chanda	Old age	Toilet	Chimbele	Chinsali
82.	Gladys Chibesakunda	Female Headed HH	House, Fruit trees	Chimbele	Chinsali
83.	Royce Chibesakunda	Female Headed HH	House	Chimbele	Chinsali
84.	Joyce Chanda	Female Headed HH	House, Fruit trees	Chimbele	Chinsali
85.	Chasaya Mfula	Female Headed HH	Toilet	Chimbele	Chinsali
86.	Charles Mbulo	Disabled	Kitchen, Fruit trees	Chimbele	Chinsali
87.	Chileshe Katongo	Female Headed HH	Houses	Chewe	Chinsali
88.	Patricia Bwalya	Female Headed HH	House	Chewe	Chinsali
89.	John Mutale	Old age	Insaka	Chewe	Chinsali
90.	Jean Luo	Female Headed HH	Fence	Mucheleka	Chinsali

The above listed vulnerable PAPs will be provided the following additional assistance by RDA:

- Provision of transport during the payment days and when opening bank accounts
- Supervision and monitoring of the rebuilding of assets that they may embark upon.
- Provision of employment opportunities



## CHAPTER FOUR

### VALUATION, COMPENSATION AND ENTITLEMENT FRAMEWORK

#### 4.1. INTRODUCTION

The objective of the resettlement action plan is to avoid or minimize, to the extent possible, the hardships and impoverishment that the project may cause, and to mitigate any adverse impacts at the household and community levels. These objectives are detailed and made more specific in terms of the principles and guidelines to be followed for adoption of an entitlement framework and the planning and implementation of rehabilitation activities.

The RAP refers to the effort made to reduce project impacts mainly through the analysis of alternative ROW considered in the ESIA. Where displacement is unavoidable the objective is to ensure that sufficient resources are allocated to enable PAPs to regain and ideally improve their pre-project living standards through:

- Adequate and appropriate compensation for private and community assets;
- Resettlement and entitlement measures to enable PAPs to relocate homes or businesses; and
- Compensation against loss of income.

#### 4.2. VALUATION METHODOLOGY

In undertaking the valuation exercise, various methods were applied that took into consideration the PAPs legitimate claim, legal and regulatory provisions. RDA in conjunction with the consultant and the accredited valuer and in line with RDA's guiding principles and EIB Performance Standards agreed that the PAPs must be compensated at Full Replacement Cost (FRC), which does not consider asset depreciation.

This exercise was preceded by sensitisation of the communities by the RAP team in conjunction with the Local Authorities through the respective ward councillors and the local leadership. The aim was to explain the valuation and survey activities, which included marking a road reserve of 100m and 36m, how these activities will affect the communities and clarification of any queries the communities had.

The valuation of assets was mainly based on the principles resulting from the provisions laid out in the Constitution of Zambia, Chapter 1 of the Laws of Zambia, and Article 16 of the Constitution, which provides for the fundamental right to property and protects persons from the deprivation of property. A full census of affected persons and survey/valuation of their assets was completed on the cut-off date by surveying /valuation team who worked with local leadership to verify the identity of affected persons and their physical assets.



Assessments for both permanent and semi-permanent structures were based on direct replacement cost. Structures that were slightly affected on the verandas were taken as a whole house.

It was agreed with the PAPs that a notice of at least 3-4 months will be served to the affected persons to vacate the project corridor after receiving their compensation payments.

#### **4.2.1. Full Replacement Cost Approach**

The Full Replacement Cost (FRC) approach is the most preferred and recommended valuation method for the affected structures. The value of the affected structure was estimated in terms of cost of materials, cost of labour and cost of transport computed as FRC based on the prevailing market rates.

This is defined as the total cost of rebuilding the subject property, assuming that all the improvements are destroyed including the cost of replacing all fixtures and fittings which form a permanent part of the property. Accordingly, the reinstatement value assumes total destruction of all the improvements on the premises.

It is assumed that the policy is on an indemnity basis with a fully operative reinstatement clause and no special conditions. We have assumed an instantaneous basis of value and have no regard to any variation in building costs subsequent to the date of our estimates.

No provision is included for loss of rental income or business profits, extra costs of working or other consequential loss, local authority or other statutory requirements.

#### **4.2.2. Replacement Cost Method**

The replacement cost approach method was used in the valuation of the structures. The method helps determine the amount to replace lost assets and cover transaction costs. This is according to the standards and regulations enshrined in practice and guidance by the Royal Institute of Chartered Surveyors and the International Valuation Standards Committee which domesticated by the Valuation Chapter of the Surveyors Institute of Zambia (SIZ). The structures were measured using the 100m tape. Adjustments were done considering the materials used in the construction vis-à-vis the type of floor finish, the roof type, the walls, the windows and doors.

#### **4.2.3. Other Consideration**

##### **4.2.3.1. The Residential house materials**

These are single-story buildings of dissimilar construction. The walls are made of mostly burnt bricks which were plaster rendered or painted eternally in most cases. Most of the structures have sand screed floor finish. Roofing materials are mostly corrugated iron and grass. Some of the residential structures have common timber made doors while most of them have mukwa doors.



#### **4.2.3.2. Roadside Retail Shops**

The retail shops were of a single-story building. The shops were iron sheets roofed.

#### **4.2.3.3. Floor Area Measurement**

The external floor area of each structure was measured using a 50-meter tape.

#### **4.2.3.4. Fences**

Fences were made of blocks, burnt bricks, steel bars, wire and at times a combination of the said materials.

#### **4.2.3.5. Covered Area**

The properties were located within 50-meter from the centre line of the existing road on either side.

#### **4.2.4. Assumptions and Limitation**

The value has been prepared on the assumptions that:

- The information which was provided by various parties is complete and correct in all respects; and that where appropriate RDA legal advisers are able to confirm the accuracy of these details.
- A structural survey of the properties was beyond the scope of the instructions. We cannot therefore give any guarantees in this respect.
- Inspection of those parts of the buildings that have not been inspected would neither reveal material defects nor cause the Valuation Surveyor to alter the assessment materially.

### **4.3. PRINCIPLES**

The following represents a list of principles that form the basis for development of this RAP and will be used in the implementation of the compensation process:

1. We will explore all possible means to ensure that impact on people by project activities is minimised. Specifically, we will ensure that:
  - a) PAPs are consulted for compensation planning and throughout the implementation phase;
  - b) PAPs are informed about their rights and options pertaining to compensation, relocation and about grievance mechanisms available to them;
  - c) Identification of PAPs takes place as per agreed eligibility criteria set out in the RAP;
  - d) Lack of legal rights to land and assets occupied or used does not preclude a PAP from entitlement to compensation and relocation measures;
  - e) Compensation, relocation and rehabilitation measures are as fair as possible to all parties concerned and also minimise the long-term liability of RDA;
2. Project work does not commence on affected sites until PAPs have been fully compensated and/or relocated;
3. Monetary compensation or a replacement will be provided for land, dwelling houses and/or business premises acquired for the project or which must be abandoned;



4. Monetary compensation or replacement will be provided for all other useful structures including stalls, storage buildings, sheds, pens, fences, etc;
5. The affected person will have the right to salvage material for the building to be lost without a reduction in the amount of compensation. Compensation will also be provided for buildings damaged by the development. Buildings and other structures will be valued at their replacement value, at either the market cost of replacement or the cost of re-building to a similar quality, considering the provision of utilities and services. Costs of transporting materials to the new site and construction labour will be considered;
6. Where illegal occupiers are resettled this will be to a resettlement scheme or to some other location where they may establish legal title;
7. Where dwelling/businesses are rented the owner will receive compensation for the loss.

#### **4.4. DEFINITION OF PAP AND ELIGIBILITY FOR COMPENSATION AND REHABILITATION**

Under the EIB standards, displaced persons who are entitled to compensation include persons:

- 1) who have formal rights to the land that they occupy;
- 2) who do not have formal legal rights to land, but have a claim to the land that is recognizable under national laws (See section 2.9.5) or
- 3) who have no recognizable legal right or claim to the land they occupy (including any new arrivals who occupy the land prior to the cut-off date)

For Physically Displaced persons (i.e. persons who are required to move away from their land as a result of the project) RDA will offer choices among feasible options including adequate replacement housing (if in categories (i) or (ii) this property will be of equal or higher value) or compensation at full replacement cost and will provide physically displaced people with relocation assistance.

For Economically Displaced People (i.e. land acquired for the project resulting in loss of income regardless of whether or not physical displacement is required) RDA will promptly compensate for loss of assets at full replacement cost as well as costs of re-establishing commercial activities affected by the project. In addition, RDA will provide replacement property of equal or greater value to displaced people with legal rights to their land.

Economically displaced people without legally recognizable claims to the land will be provided with compensation for lost assets other than land at full replacement cost

#### **4.5. ENTITLEMENTS**

##### **4.5.1. Loss of Land**





People who will lose their formal rights to the land they occupy, or have a claim to the land that is recognizable under the national laws, people that have no recognizable legal right or claim to the land they occupy will be provided cash compensation should the lose any such land during the road rehabilitation activities. There are only three (03) land owners in Mpika town with titles to their lands. The rest of the PAPs are under the three traditional chiefs namely Chief Chikwanda, Chief Mukwikile and Chief Chibesakunda. The land in the road reserve areas belongs to RDA and therefore the PAPs will only be paid for the improvements that they have made on the land in the road reserve in accordance with section 48 (8) of the Public Roads Act.

#### **4.5.2. Loss of Income**

Shop owners or tenants are not expected to lose income as a result of the project because compensation payments are expected to be paid in advance prior to the relocation of the shops. The shop owners or tenants will thus be allowed to continue operating their businesses in their current shops while new shops are being built using compensation funds. Shop owners will be provided a grace period of 3-4 months to relocate their shops and other structures outside the road reserve areas after having been paid compensation.

#### **4.5.3. Cultivated Land**

Compensation will be provided for land that is in cultivation or being prepared for cultivation or has been cultivated during the last season, recognizing the investment of labour made by farmers. Compensation for cultivated land will be based on a standard value per unit of area taking account average value and a rate for loss of actual or potential crops.

Where notification of proposed acquisition occurs after a critical date, when the grower will no longer have enough time to prepare other land without help (or at all), further assistance will be provided to hire additional labour or mechanical equipment so that replacement land is ready by the sowing date.

Where a person is prevented from growing food for everyday use, compensation will be provided to allow the purchase of food in the market until such time as new crops can be grown. The level of compensation will be based on the average amount a town dweller spends on buying the relevant items per person per year multiplied by appropriate number of people and the relevant period.

#### **4.5.4. Crops**

In order for compensation values for crops to be in line with OP4.12 due consideration will be given to ensuring PAPs are compensated for lost potential revenue from any agricultural activities. The values will reflect up to date market prices. PAPs will be provided with the full replacement cost of a particular crop using the assumption that for (i) temporary crops will take 1 year for PAPs to be fully resettled and producing them to the same level prior to resettlement and (ii) for permanent crops such as trees, that the full-time duration of growth until it reaches the production years will be compensated. This will vary according to each type of tree.



All crop owners will be given time to harvest crops prior to resettlement and will be provided with compensation based on the full replacement cost of crops.

#### **4.5.5. Fruit Trees**

Trees will be valued at the cost of replacement or replacement trees will be provided. Compensation will be provided for the value of fruits lost over the period until new trees reach full production and the value of labour that has been invested in the trees lost. If trees have to be lopped (branches removed) compensation will be calculated on the basis of the reduction in surface area of the canopy. No compensation will be paid for minor pruning where this is required to avoid damage.

However, in instances where the affected owner(s) of fruit tree(s) is/are not relocating from the area and the fruit tree(s) is/are not in the construction zone, such fruit tree(s) will not be removed from the road reserve and will therefore not be a subject of compensation payment.

#### **4.5.6. Buildings**

The RAP consultant through the real estate expert have valued residential houses, small shops and associated structures during the compensation census. The valuation of various structures thus obtained form the basis for determining the amount of compensation that will be offered to PAPs, who will have the opportunity of reconstruction on alternative land either in the vicinity or away from the site according to their preferences. Many PAPs may also use this as an opportunity for upgrading or expanding their old structures.

As PAPs will be relocated at short distances from their current locations, they may continue to have access to social and public services and facilities that they currently use, which exist outside the ROW. This applies to water supplies, schools, health services, shops, transport services and other community services, such as religious groups.

As the distances involved will be very small in most cases, impacts normally associated with relocation (such as breaking of community ties and impact on access to infrastructure and amenities) can be prevented. The close proximity of alternative land and sites should significantly reduce the impact of moving and is likely to have minimal permanent effect on the economic and social status of the people affected.

#### **4.5.7. Community Structures**

Cash compensation will be provided for the reconstruction of affected structures. The consultants have valued all structures, which forms the basis for alternative structures.

Community structures will be relocated in the vicinity of current locations, to ensure that the existing users can continue to access the services. In reconstruction works, preference should to be given to local labour in order to give PAPs and other local people the opportunity to benefit from wages for their labour. The construction teams will work in close co-operation



to ensure that the replacement structures are in accordance with the preferences of the local communities.

#### **4.5.8. Construction Works**

Construction activities may also cause some additional temporary or permanent damage to land and assets that cannot be identified or quantified during RAP preparation. An example might be construction of access roads resulting in the destruction of crops. Thus, wherever possible, the construction team/contractor will repair the damage to the satisfaction of the affected person. Affected persons with a claim will be required to complete a compensation claim form and submit it to the Grievance Officer. RDA in conjunction with the construction team/contractor will then negotiate the required compensation measures with the sufferer, which may include repairing the damage or payment of compensation in cash or kind. Payment of compensation should be made promptly.

In order to minimise any additional damage from the construction activities, the contractors/construction team will be contractually obliged to incur any costs related to payments (with RDA's assistance in the negotiations) of additional compensation.

#### **4.5.9. Other Measures**

In order to address the impacts of resettlement in line with national laws and EIB standards displaced people will be:

- Informed of their options and rights pertaining to resettlement;
- Offered support after displacement; and
- Provided with development assistance.

The EIB standards includes arrangements for vulnerable groups such as the landless, elderly, women and children as well as indigenous peoples, the provisions of which are not covered under Zambian legislation.

The timing of compensation and resettlement is clearly defined in the EIB social standards that compensation and prior assistance will be awarded prior to relocation, and the resettlement sites should have adequate facilities where required.

An Entitlement Matrix has been developed for the RAP and is summarised in Table4-1 below in Section 4.6.

### **4.6. ENTITLEMENT MATRIX**

The entitlement matrix that follows summarizes the main types of losses as described above and the corresponding nature and scope of entitlement.

Validation of the affected properties will be conducted based on the provisions in the EIB standards and Zambian legislation for consistence and accountability. All the factors explained in the Public Roads Act will be considered in the valuation process. The properties to be verified shall include: Physical assets; fruit trees; Forests (exotic and indigenous);



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Houses; Land; and Business. The entitlement matrix prepared for the Project is given in Table 4-1.



**Table 4-1: Entitlement Matrix**

Type of Loss	Application	Categories of Entitlement	Compensation Policy	RDA Action
1. Demolition of Roadside Shops	<ul style="list-style-type: none"> <li>Road side shops owners located inside the ROW of the project road</li> </ul>	<ul style="list-style-type: none"> <li>People with recognizable legal right or claim to the affected shops</li> <li>People with Land Use Rights</li> <li>People with Customary Rights</li> <li>People who use the land but have no formal Title</li> </ul>	<ul style="list-style-type: none"> <li>Provide cash compensation of the affected shop at full replacement costs at current market value</li> <li>PAPs will be allowed to salvage any building materials of interest to them</li> </ul>	<ul style="list-style-type: none"> <li>Full compensation will be paid to all affected shop owners before demolition of the affected shops and a notice of 3-4 months after paying the compensation shall be given</li> </ul>
2. Demolition of Residences	<ul style="list-style-type: none"> <li>House owners located inside the ROW of the project road</li> </ul>	<ul style="list-style-type: none"> <li>Project affected people with recognizable legal right or claim to the affected houses</li> <li>People with Land Use Rights</li> <li>People with Customary Rights</li> <li>People who use the land but have no formal Title</li> </ul>	<ul style="list-style-type: none"> <li>Provide cash compensation of the affected houses at full replacement costs at current market value.</li> <li>Where part of a residential building is affected, the owner will be compensated for the full structure.</li> <li>PAPs will be allowed to salvage any building materials of interest to them.</li> </ul>	<ul style="list-style-type: none"> <li>Full compensation will be paid to all affected house owners before demolition of the affected houses and a notice of 3-4 months after paying the compensation shall be given</li> </ul>



<p>3. Demolition of traditional kitchens (“Insaka”)</p>	<ul style="list-style-type: none"> <li>• Owners of traditional kitchens locally known as Insaka located inside the ROW of the project road</li> </ul>	<ul style="list-style-type: none"> <li>• Project affected people with recognizable legal right or claim to the affected traditional kitchens or “insaka”</li> <li>• People with Land Use Rights</li> <li>• People with Customary Rights</li> <li>• People who use the land but have no formal Title</li> </ul>	<ul style="list-style-type: none"> <li>• Provide cash compensation of the affected traditional kitchens or “insaka” at full replacement costs at current market value.</li> <li>• PAPs will be allowed to salvage any building materials of interest to them.</li> </ul>	<ul style="list-style-type: none"> <li>• Full compensation will be paid to all affected owners of traditional kitchens (insaka) before demolition of the affected traditional kitchens and a notice of 3-4 months after paying the compensation shall be given</li> </ul>
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Types of Loss	Application	Categories of Entitlement	Compensation Policy	RDA Action
4. Relocation of Waterpoints	<ul style="list-style-type: none"> <li>Owners of Water Points (traditional wells/boreholes and community/public boreholes)</li> </ul>	<ul style="list-style-type: none"> <li>Project affected people with recognizable legal right or claim to the affected water points</li> <li>People with Land Use Rights</li> <li>People with Customary Rights</li> <li>People who use the Land but have no formal Title</li> </ul>	<ul style="list-style-type: none"> <li>Provide cash compensation of the affected traditional wells at full replacement costs at current market value.</li> </ul>	<ul style="list-style-type: none"> <li>Compensation will be paid to owners of affected Water Points to facilitate for their relocation and a notice of 3-4 months after paying the compensation shall be given.</li> </ul>
5. Demolition of Sanitation Facilities	<ul style="list-style-type: none"> <li>Owners of traditional toilets and community/public toilets</li> </ul>	<ul style="list-style-type: none"> <li>Project affected people with recognizable legal right or claim to the affected sanitation facilities</li> <li>People with Land Use Rights</li> <li>People with Customary Rights</li> <li>People who use the</li> </ul>	<ul style="list-style-type: none"> <li>Provide cash compensation of the affected toilets at full replacement costs at current market value.</li> <li>PAPs will be allowed to salvage any building materials of interest to them.</li> </ul>	<ul style="list-style-type: none"> <li>Compensation will be paid to owners of toilets to facilitate for their relocation and a notice of 3-4 months after paying the compensation shall be given.</li> </ul>



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		land but have no formal Title	
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Types of Loss	Application	Categories of Entitlement	Compensation Policy	RDA Action
6. Demolition of Fences	<ul style="list-style-type: none"> <li>Owners of yard fences located in ROW of the project road</li> </ul>	<ul style="list-style-type: none"> <li>Project affected people with recognizable legal right or claim to the affected fences</li> <li>People with Land Use Rights</li> <li>People with Customary Rights</li> <li>People who use the land but have no formal Title</li> </ul>	<ul style="list-style-type: none"> <li>Provide cash compensation of the affected fences at full replacement costs at current market value.</li> </ul>	<ul style="list-style-type: none"> <li>Compensation will be paid to all affected owners of fences before demolition of the affected fences and a notice of 3-4 months after paying the compensation shall be given</li> </ul>





<p>7. Acquisition of land</p>	<ul style="list-style-type: none"> <li>• Owners of title/traditional land/plots to be used for borrow and quarry sites</li> </ul>	<ul style="list-style-type: none"> <li>• Any displaced person that has either full, formal rights to the lands where borrow and quarry sites will be located</li> <li>• Any displaced person that have no recognizable legal right or claim to the lands where borrow and quarry sites will be located</li> <li>• People with Land Use Rights</li> <li>• People with Customary Rights</li> <li>• People who use the land but have no formal Title</li> </ul>	<ul style="list-style-type: none"> <li>• Provide cash compensation of the affected land where the borrow and quarry sites will be sited at full replacement costs at current market value.</li> </ul>	<ul style="list-style-type: none"> <li>• Compensation will be paid to all affected owners of land where borrow and quarry sites will be located and a notice of 3-4 months shall be given to the affected land owners</li> </ul>
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Types of Loss	Application	Categories of Entitlement	Compensation Policy	RDA Action
8. Loss of Cultural Structures	Church structures located in the ROW of the project road	<ul style="list-style-type: none"> <li>• Entities or organizations with recognizable legal right or claim to the affected cultural structures</li> </ul>	<ul style="list-style-type: none"> <li>• Provide cash compensation of the affected fences at full replacement costs at current market value</li> </ul>	<ul style="list-style-type: none"> <li>• Compensation will be paid to all affected owners of the churches before demolition of the affected churches and a notice of 3-4 months after paying the compensation shall be given</li> </ul>
	Graveyards located in the ROW of the project road or borrow and quarry sites	<ul style="list-style-type: none"> <li>• Owners of the memorial stone for Andrew Mulenga</li> <li>• Owners of any unknown graves located in the ROW or borrow and quarry sites</li> </ul>	<ul style="list-style-type: none"> <li>• Relocate the memorial stone for Andrew Mulenga.</li> <li>• No known graves exist on the ROW of the project road and if there will be new discovery, RDA will follow the laid down procedures for the relocation of such discoveries.</li> </ul>	<ul style="list-style-type: none"> <li>• The memorial stone will be relocated outside the road reserve area. The family of the late Andrew Mulenga will be consulted.</li> <li>• The laid down procedures for the relocation of any graves/memorial sites as contained in the National Heritage Act will be followed.</li> </ul>
9. Standing Crops	Crops located in the ROW of the project road, borrow and quarry sites	<ul style="list-style-type: none"> <li>• Project affected people with recognizable legal right or claim to the affected crops</li> <li>• People with Land Use Rights</li> <li>• People with Customary Rights</li> <li>• People who use the</li> </ul>	<ul style="list-style-type: none"> <li>• PAPs will not be compensated for standing crops located in the ROW unless otherwise. Sufficient notice will be given to PAPs to harvest their crops.</li> <li>• When the loss of crops becomes unavoidable the affected PAPs will be compensated after a valuation of the affected crops.</li> </ul>	<ul style="list-style-type: none"> <li>• PAPs will be provided adequate notice to harvest their crops</li> <li>• The civil work schedules will consider the crop seasons to minimise any crop losses</li> </ul>



		land but have no formal Title		
10. Fruits	Fruits located in the ROW of the project road, borrow and quarry sites	<ul style="list-style-type: none"> <li>• Project affected people with recognizable legal right or claim to the affected fruits</li> <li>• People with Land Use Rights</li> <li>• People with Customary Rights</li> <li>• People who use the land but have no formal Title</li> </ul>	<ul style="list-style-type: none"> <li>• Compensation in cash based on type of tree, gross market value, and loss of production based on yield at full maturity, market price of crop and number of years required for a replacement plant/tree to reach a similar level of maturity.</li> </ul>	<ul style="list-style-type: none"> <li>• Owners of the fruit trees shall be compensated</li> <li>• 3-4 months notice will be given to PAPs before the cutting down of the fruit trees.</li> </ul>
11. Vulnerable People/Squatters	Disability, old age, women headed household, internally displaced people or refugees, ethnic groups, minorities, landless labourers, women head of	<ul style="list-style-type: none"> <li>• Project affected people who meet one or more of the conditions as described in the previous column</li> </ul>	<ul style="list-style-type: none"> <li>• Additional assistance will be provided to vulnerable people/squatters as resettlement assistance</li> </ul>	<ul style="list-style-type: none"> <li>• Transport assistance during compensation payments and account opening;</li> <li>• Provision of employment opportunities</li> <li>• Monitoring/supervision of the construction works of the relocated structures</li> </ul>



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	household, etc.)			
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#### 4.7. LIVELIHOOD RESTORATION

One of the objectives of this RAP is to ensure that livelihoods are improved or restored to pre-displacement levels. Compensation for affected property will therefore seek to facilitate full and smooth recovery without exposing the PAPs to vulnerability and this applies to people who are not necessarily physically displaced but who are affected by a land loss that affects their sustainability. Some of the livelihood restoration measures include:

- **Salvage of Materials-** Salvage of materials for reconstruction of structures is acceptable practice. The salvage of materials thus provides additional cash\ disposable income to develop, expand and or improve their structures, and or development of livelihood income or increase their wealth.
- **Skills Training:** Affected PAPs and those from vulnerable groups will be given the option to select any training they wish, which would help them to maintain and/or improve their income generation potential. The skills training program will be designed during project implementation.
- **Project related job opportunities:** Vulnerable persons will be prioritized in gaining employment in the works linked to the Project. RDA and the contractor will ensure that this is included in the contractors' specifications wherever possible.
- **Assistance through Corporate Social Responsibility (CSR) program:** As part of its CSR program, the contractor and the RDA will explore means of remaining engaged in communities adversely affected by the proposed project. This could be through assistance to community-based projects in the targets area.
- **Resettlement must be seen as an inevitable upfront cost:** All compensation will have to be paid prior to the commencement of civil works in any particular section of the road.
- **An independent Grievance Redress Mechanism to be put in place:** The GRM team must comprise of various stakeholders.

#### 4.8. RELOCATION NEEDS AND APPROACH

Altogether 988 households will loss assets due to both road rehabilitation works and the road reserve requirements. All properties need to be relocated outside the road reserve (i.e. 100m and 36m). Consultations with the affected households show that there is no need of group resettlement as all the affected households preferred cash compensation. Since they have been residing on government land and have houses or shops to resettle, PAPs indicated during consultation that they wanted to build their structures in the nearby areas and continue their business.

#### 4.9. INTEGRATION WITH HOST COMMUNITIES

The road project being linear in nature, it is expected that most PAPs will reconstruct their homes on the remaining pieces of land (backward resettlement). In case the remaining land is not enough, it is expected that PAPs will construct their homes within the same villages or communities.

During consultation, the PAPs who need resettlement expressed the need to remain within their villages. It is their expectation that most PAPs will be able to find land to construct their new homes within the same villages or communities. This will allow them to resettle within their old communities, to which they are familiar, and to maintain their social networks.



#### **4.10. PUBLIC DISCLOSURE**

Public disclosure of the compensation will be carried out by RDA or the Consultant to be engaged well before time of disbursing the compensation funds. The PAPs will sign against the amount proposed in the evaluation report on consent forms. However, prior to the individual disclosures, the RDA ESMU or the Consultant will hold meetings with the district authorities with particular reference to the physical planning unit and ward councillors, Community Development Officers, District Agricultural officers, District surveyors and area Chief Representatives. The objective of the meeting will be to update them about the project, introduce the implementing agency, and introduce the project procedures and principles to be followed during compensation, to elaborate their expected roles and responsibilities and to avail them with information about all the other stakeholders involved and their roles. In this meeting, the project schedule will also be discussed and finalised.

At the village level, the first stage disclosure meetings by the verification team will be organized at any convenient place in the affected area by RDA ESMU and the Consultant to explain the principles of compensation for different types of loss. In attendance will also be key district stakeholders such as those mentioned above.

The second stage disclosure meetings will be at village level with individual households during which the results of the property assessment will be disclosed to them. The list of each affected individual will be published; however, no amounts shall be indicated against each PAP.

The third disclosure is individual meetings that will be held on individual basis with each affected head of household at an appropriate place in the affected village. The proposed compensation for affected properties will be discussed. Family members have to express their consent at this level as required by Section (10) of the Land Acquisition Act Chapter 189 of the Laws of Zambia. If the arrangement is agreeable to both parties a Consent Certificate will be signed.

#### **4.11. COMPENSATION PROCESS**

The RDA-ESMU will draw up a payment plan and conduct verification before the actual payment take place. After verification, compensation lists need to be updated before actual compensation can take place.

#### **4.12. PAYMENT PROCEDURE**

It is recommended that amounts equal or less than ZMW50, 000.00 will be paid as cash while amounts above ZMW 50,000.00 will be paid through Bank transfers as was the case during the PAPs payments on the Chinsali-Nakonde road sections. Therefore, some PAPs will be requested to open bank accounts in a local bank before payments can be made. The RDA Accounts department will lead the PAPs payment process and may adjust the payment thresholds accordingly.



The project will assist PAPs with transport to travel to the payment points to collect their payments. The PAPs that will be paid cash will sign an acquittal form after receiving their payment. RDA will take photographs of all PAPs that will be be paid for record keeping.

#### **4.13. EXCEPTIONAL SITUATIONS**

- 1. Deceased Owners-**An heir or representative of the deceased appointed by the Courts will receive compensation on behalf of a deceased person. During RAP disclosure, PAPs will be informed of documentation required for this purpose.
- 2. Disputed Ownership-**In case of property disputes, ownership of a property has to be verified by a letter from the area chief. Ownership of a disputed property is resolved by the area chief and leadership of the village in which the property is located. Modalities and processes for resolving such disputes are already in place within the traditional administration system. If these free structures fail, a person resorts to the courts of law.



## CHAPTER FIVE

### PROCEDURES AND CONFLICT RESOLUTION AND RESETTLEMENT

#### 5.1. INTRODUCTION

This section describes avenues for PAPs to lodge a complaint or express a grievance against the project, its staff or contractors during the RAP implementation. It also describes procedures, roles and responsibilities in grievance management process.

#### 5.2. PROCEDURES NEGOTIATIONS AND RESOLUTION OF CONFLICTS

The negotiations between RDA and the affected persons shall be done in the spirit of finding amicable solutions with full respect of all the parties concerned. The negotiations will be guided by the following:

1. **Procedure** – The procedures to be followed in raising grievances will be discussed and agreed between the RDA and the affected persons. All the institutions involved will provide their contact details to the people;
2. **Full Disclosure**- Full disclosure of the implications and provisions of the displacement will made to the affected people;
3. **Willingness** – All parties will enter into the agreements willingly without any force from anyone and if no agreement is made further deliberations should be made;
4. **Back and Forth Discussions**- Adequate time shall be given to the affected communities to discuss the matter amongst themselves with their traditional leaders and they should be allowed to do so for as long as they feel necessarily without necessary causing unwarranted delays in project implementation;
5. **Recording for Proceedings**- All proceedings from negotiations meetings shall be filed and be open to all for reference purposes. The local language shall be used in recording so that the local people can understand the minutes; and
6. **Court of Law**- The court of law will be a last resort for all parties as the spirit will be to have some kind of consensus among the negotiating teams.

#### 5.3. PROCEDURES FOR GRIEVANCE REDRESS

This grievance procedure will not replace existing legal process in Zambia rather it seeks to resolve issues quickly so as to expedite receipt of entitlements and smooth resettlement without resorting to expensive and time-consuming legal process. If the grievance procedure fails to provide a settlement, complainants can still seek legal redress in courts of law. The grievance system will operate for a total of three years.

The complaints and grievances mechanism as outlined below is readily accessible to deal with complaints expeditiously. However, if this fails the aggrieved party can refer the matter to the formal court system.

The project will put in place an extra-judicial mechanism for managing grievances and disputes based on explanation and mediation. Every aggrieved person shall be able to trigger this mechanism, while still being able to resort to the formal judicial system.





Objectives of the grievance process are as follows:

- Provide affected people with avenues for making a complaint or resolving any dispute that may arise during land and asset acquisition;
- Ensure that appropriate and mutually acceptable corrective actions are identified and implemented to address complaints;
- Verify that complaints are satisfied with outcomes of corrective actions; and
- Avoid the need to resort to judicial proceedings.

## 5.4. GRIEVANCE

### 5.4.1. Overview

The following principles will apply to grievance management:

1. Any grievance related to land acquisition or to any other matter will be registered, acknowledged within 7 working days and tracked until it is closed;
2. The grievance management system will include at least one level of review/appeal, with the aim to reach an amicable settlement wherever possible without resorting to a judicial review;
3. Grievances will be processed and responded to within 25 working days.

The following will be the grievance redress mechanism that will be followed:

- A PAP will either communicate his/her grievance verbally or in written form to RDA.
- A PAP that has a grievance will first be attended to by staff from the ESMU at site level. ESMU staff will work closely with the respective district Local Authority or the Traditional Leadership and the RDA Regional Office in resolving the grievance. The office of the Government Valuation Department (GVD) may be called upon to be part of the resolution should the issue involve dissatisfaction on the compensation amount.
- Should the PAP not be satisfied with the response from the ESMU, the matter will be referred to the Director and Chief Executive Officer of RDA for a resolution.
- In the event that a resolution fails with the RDA Director and Chief Executive Officer, the PAP will be free to seek legal redress in the formal court system.

## 5.5. GRIEVANCE REDRESS PRINCIPLES

The following principles will apply to grievance management:

- The procedure to be followed will consider community and traditional dispute settlement systems. Traditionally people approach traditional leaders to resolve disputes – particularly in issues relating to use and ownership of land, trees and housing structures. Although it may be inevitable that, in the process of grievance management, project-affected people continue to follow customary procedures, they are likely to accept project-related structures if they are consulted on the matter.
- Information about all dispute and grievance procedures, including the functions of each structure and the processes to follow, will be widely disseminated to all stakeholders, through project structures, governmental and non-governmental organizations, Community Based Organizations (CBOs), the Project Information



Centre, and the media. This will not only fulfil the function of dissemination of information, but also transparency around project-related matters.

- Affordable and accessible procedures will be made available for the settlement of disputes arising from resettlement.
- Anybody assigned for reviewing grievances will be required to be independent and impartial to foster the trust and confidence of all stakeholders.
- A written record of all disputes/grievances raised and dealt with on a project level will be kept by the appropriate body. The entire grievance resolution process will be recorded, and a copy made available to the aggrieved person/s.
- All records will be monitored regularly by an independent monitoring team and the Evaluation Panel appointed for the project, as part of an on-going monitoring and evaluation process. The Evaluation Panel's ToR will include the function of reviewing reported grievances and grievance management.

The principle of confidentiality will apply to all processes. Confidentiality of the complainant, if so requested, and to information provided by any of the parties to a complaint.

#### **5.6. GRIEVANCE COMMITTEE**

A dedicated Grievance Committee will be established to assess grievances during RAP implementation. This committee must have a quorum of at least 3 people and decisions will be reached by simple majority. The Grievance Committee should be constituted for as long as unresolved grievances are pending.

This will include the following members:

- Two representatives of PAPs (one woman and man);
- Representatives from the three Local Council (i.e. Mpika, Shiwa'ngandu & Chinsali);
- District Land Officer - Surveyor;
- RDA representative; and
- A property valuer.

#### **5.7. GRIEVANCE MANAGEMENT**

Registers of grievances will be established in locations close to potentially affected people. RDA will be responsible for handling the grievances in a timely fashion. It should be possible to register grievances in headquarters, municipal and local offices, websites and grievance leaflet prepared to tell people about the process. The leaflet needs to be written in easily accessible language. Also bearing in mind the length of the corridor, some information will be placed in all affected municipal offices.

The existence of these registers, as well as avenues and procedures to lodge a complaint (where, when, to whom, etc.), will be broadly communicated to the public. The grievance is managed by a two-tier system as described below:



### 5.7.1. First Tier of Grievance Management

RDA needs to establish a registry of grievances. PAPs will be able to submit grievances directly with the RDA through the Resident Engineer on site. All grievances will be recorded in a register and assigned a number, and acknowledged within seven (7) days.

Each grievance will be recorded in the registry with the following information:

- Description of grievance;
- Date of receipt acknowledgement returned to the complainant;
- Description of actions taken (investigation, corrective measures); and
- Date of resolution and closure / provision of feedback to the complainant.

RDA will make all reasonable efforts to address the complaint upon the acknowledgement of grievance. Responsible person from RDA will be the Principal Environmentalist who will be assisted by staff within the ESMU. If RDA is not able to address the issues by immediate corrective action, a long-term corrective action will be identified. The complainant will be informed about the proposed corrective action and follow-up of corrective action within 25 working days upon the acknowledgement of grievance.

If RDA head office is not able to address the particular issue raised through the grievance mechanism or if action is not required, it will provide a detailed explanation/justification on why the issue was not addressed. The response will also contain an explanation on how the person/organization which raised the complaint can proceed with the grievance in case the outcome is not satisfactory.

### 5.7.2. Second Tier of Grievance Management

If the complainant is not satisfied with the implemented corrective action and/or a justification on why the corrective action is not required, the complaint will be directed to the Grievance Committee.

The Committee will re-evaluate the existing corrective action and/or the justification on why an action is not required, and reconsiders alternatives to address the complaint on the satisfactory manner.

The complainant will be informed about the proposed alternative corrective action and follow-up of alternative corrective action within 25 working days upon the acknowledgement of grievance.

Resorting to the amicable mechanism of grievance management does not preclude the aggrieved person to resort to Justice at any point in the process.

## 5.8. PROCEDURES FOR COMPLAINT ON COMPENSATION PAYMENTS

The procedures for any complaints on compensation shall follow the following stages:

- All people entitled to claim compensation shall do so in writing within the prescribed time period and payments will be made at the time of acquiring or destroying the affected property. The suggested time period is two years;
- On receipt of the claim, the Road Development Agency (RDA) will agree to reply by means of a written letter. The written letter should be delivered to the affected person



so that mail does not get lost. The recipient of the letter must sign as proof of acknowledgement; and

- Payment for an aggrieved party will be made in the presence of Officials from the Local Authorities and the Traditional Leadership.

### **5.9. PROCEDURES FOR NEW LAND**

Where people have to be moved to a new area for business or residential, RDA through the area chief should:

- Negotiate for the land from the area chief and then facilitate all the steps of acquiring new land from traditional chiefs;
- Negotiate with the local and traditional leadership of the new area and ensure that the people to be resettled are compatible with the customs of the new area;
- Ensure that the resettled people enjoy the same benefits as enjoyed by those that are remaining behind. In particular, the area should still be in the proximity to the project road. It will therefore be important that the area to resettle people should be found in the same locality.

### **5.10. PROCEDURES FOR GRIEVANCE REDRESS**

Various legislation including the Constitution of Zambia; makes provision for grievances to be addressed through the formal court system. This is a constitutional right, but practice has shown that this can be a costly and time-consuming exercise. The complaints and grievances mechanism as outlined below is readily accessible to deal with complaints expeditiously. However, if this fails, the aggrieved party can refer the matter to the formal court system.

The Grievance mechanism will receive inputs from three main sources:

- Directly from PAPs, residents or other members of community and not necessarily PAPs;
- From implementation teams executing the resettlement; and
- From Monitoring and Evaluation Officer who will forward concerns identified in project affected areas.

Main actions of the grievance process are described in sections below.

1. All attempts shall be made to settle grievances amicably. Those seeking redress and wishing to state grievances will do so by notifying their Local Leaders. The Local Leaders will inform and consult with the Grievance Committee to determine validity of claims. If valid, the Local Leaders will notify the complainant and s/he will be assisted. If the complainant's claim is rejected, the matter shall be brought before the District Councils for settlement. All such decisions must be reached within 30 working days after the complaint is lodged.
2. It has to be noted that in the local communities, people take time to decide to complain when aggrieved. Therefore, the grievance procedures will give people 90 working days, after surrendering their assets, to allow for enough time to present their cases. The grievance procedures will ensure that the PAPs are adequately informed of the procedure, before their assets are taken.
3. The grievance redress mechanism will be designed with the objective of solving disputes at the earliest possible time, which will be in the interest of all parties



concerned and therefore, it implicitly discourages referring such matters to the Tribunal for resolution. Contracts for compensation and resettlement plans will be binding under statute, and will recognize that customary law is the law that governs land administration and tenure in the rural areas. This is the law that most Zambians living in these areas, are used to and understand.

4. All objections to land acquisition shall be made in writing, in the language that the PAPs understand and are familiar with, to the Local Leader. Channelling complaints through the Local Leader is aimed at addressing the problem of distance and cost the PAPs may have to face. The Local Leaders shall maintain records of grievances and complaints, including minutes of discussions, recommendations and resolutions made. The procedure for handling grievances will be as follows:
  - a) The affected person should file her/his grievance in writing (in English or the local language that s/he is conversant with), to the Local Leader. The grievance note should be signed and dated by the aggrieved person. Where the PAP is unable to write, he should obtain assistance to write the note and emboss the letter with his thumb print.
  - b) The Local Leader should respond within 14 days during which any meetings and discussions to be held with the aggrieved person should be conducted. If the grievance relates to valuation of assets, experts may be requested to revalue the assets, and this may necessitate a longer period of time. In this case, the aggrieved person must be notified by the Local Leader that his/her complaint is being considered.
  - c) If the aggrieved person does not receive a response or is not satisfied with the outcome within the agreed time, (s)he must lodge his grievance to the District Councils and the District Council must inform Government through the DC of the complaint.
  - d) The Council will then attempt to resolve the problem (through dialogue and negotiation) within 14 days of the complaint being lodged. If no agreement is reached at this stage, then the complaint is taken to the Courts of Law.

The Grievance Committee will consult the local leaders in case of customary land to verify the existence of the land in question and proceed to determine the amount of compensation to be given. The determination is done after hearing submissions from Government and the affected person. In the event that disagreements will not have been settled, then the claimant has the right to take the matter to court as per their constitutional right. However, all appeals should be settled within a reasonable period so that people's lives can go on.

## **5.11. SPECIFIC PROCESS FOR ADDRESSING VALUATION GRIEVANCES**

### **5.11.1. Valuation**

In addition to the overall management process for grievances, there are likely to be grievances specifically related to property valuation. These are likely to come when households consider compensation values for their assets insufficient. This might arise when PAPs doubt if valuation values do indeed provide replacement value. If PAPs misunderstood the compensation process and believe they are entitled to additional



**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



compensation, they might lodge complaints. Given this, the project has developed a dedicated procedure to manage and close out grievances relating to valuation.



## CHAPTER SIX

### COMMUNITY PARTICIPATION

#### 6.1. PUBLIC CONSULTATION

Consultations and dialogue with stakeholders including PAPs is very critical for the successful resettlement and/or compensation of the affected people. The process of consultations will continue until implementation of the RAP is completed.

The EIB Guidelines state that “Effective resettlement planning requires regular consultation with a wide range of Project stakeholders. Early consultation helps to manage public expectations concerning impacts of a project and expected benefits.

Subsequent consultations provide opportunities for the Project proponent and representatives of affected populations to negotiate compensation packages and eligibility requirements, resettlement assistance, and the timing of resettlement activities”.

In the process of preparing this RAP, RDA through its consultant undertook extensive consultations with the PAPs to update existing information. The project organized community consultation meetings with PAPs and the other stakeholders and informed them about the project. They were informed on project component, stages, resettlement principles, strategies, safeguard provisions, Entitlement Framework etc. These meetings were used to get wider public input from both the primary and secondary stakeholders. The disclosure and consultation process is aimed to:

- Provide relevant details of the project scope and schedule,
- Highlight potential impacts and degrees of project impact,
- Provide details of the entitlements as per the ESMP and the eligibility for benefits,
- Provide Implementation Schedule with a timetable for the delivery of entitlements,
- Explain the compensation process and set out compensation rates for the structures, and
- Provide detailed explanation of the grievance process and other support in arbitration.

These meeting were conducted at Mpika, Luanya, Shiwang’andu, Matumbo and Chinsali turnoff. The overall outcomes of these consultations were demand for Life Skill Enhancement Training (LEST) and employment opportunities. Based on the consultations, RAP has the provisions of LEST, income generating activities, and preferential employment of PAPs in the construction works.

##### 6.1.1. Stakeholders Consulted

The project consulted both primary and secondary stakeholders during the RAP preparation. The government organizations and officials from the concerned government organizations such as District Administration Office, District Land Survey Office, District Development Committee (DDC) Office, District Forest Office and District Agriculture Office were



consulted in the District Headquarters and later the study team visited the project road where other stakeholders were consulted.

### 6.1.2. Methods of Public Consultation

The task of public consultation was carried out in different settlements during the project preparation. In fact, from the earlier stage of the reconnaissance survey to the period of census, the team consulted the community at every stage. Individual consultations with district level government authorities in the district headquarters were conducted to understand the administrative structure for implementation of RAP and monitoring.

Several rounds of consultations were carried out along the project road. Consultations were undertaken in 2015 and later in 2022/2023 during the verification exercise along the project road corridor. The issues raised by the participants are illustrated in the Table 6-1.

**Table 6-1: Methods Employed During the Course of Consultations**

Stakeholders	Purpose	Method
<ul style="list-style-type: none"> <li>RDA-Headquarters and Regional Office</li> </ul>	<ul style="list-style-type: none"> <li>To collect government's policy, guidelines priorities on the Subproject, and to seek advice for Initiating work.</li> </ul>	<ul style="list-style-type: none"> <li>Frequent individual meetings with the officials from ESMU and Directorate of Planning.</li> </ul>
<ul style="list-style-type: none"> <li>Local Community in the different locations of the project area.</li> </ul>	<ul style="list-style-type: none"> <li>To assess overall social perception about the importance of the project road and local peoples felt need for improvement</li> </ul>	<ul style="list-style-type: none"> <li>Consultation and discussion with local people at different project locations during reconnaissance survey, social survey and Survey of affected Households.</li> </ul>
<ul style="list-style-type: none"> <li>District level line agencies</li> </ul>	<ul style="list-style-type: none"> <li>To verify the properties to be affected based on both the design drawings and the proposed road reserve</li> </ul>	<ul style="list-style-type: none"> <li>Individual meetings with the officials of respective offices.</li> </ul>
<ul style="list-style-type: none"> <li>Project affected people based on both the design drawings and the proposed road reserve</li> </ul>	<ul style="list-style-type: none"> <li>To prepare inventory of the affected assets and get measurement and conduct interview with the affected families about the affected assets and on the household matters</li> </ul>	<ul style="list-style-type: none"> <li>Individual interview of the affected households by means of a Structured questionnaire</li> </ul>

### 6.1.3. Scope of Consultations

The scope of consultations, especially with the local people and the affected population was focused at informing them about the nature of the project and its activities. During the consultations they were also informed about the possibilities of acquisition of private land and other physical assets by the project at replacement/compensation costs. Likewise, the people were also made aware about the acquisition of community properties like public





boreholes and unprotected wells. Options of relocating, shifting and loss of employment cost as per need were some of the other issues discussed during consultations. In addition, along with information dissemination the consultations also aimed at taking peoples opinion and suggestions on the project and its benefits and impacts.

#### **6.1.4. Issues Raised in Public Consultation and feedback from the Consultations**

Most of the issues are related to appropriate valuation and compensation of properties and other assets of the project affected peoples. Issues raised in Public Consultation are summarized in the consultation matrix in Table 6-2 below.

### **6.2. INTEGRATION WITH HOST COMMUNITIES**

During consultations with affected households along the project road corridor, it was resolved that the affected households will reconstruct their homes or shops on the remaining pieces of land (backward resettlement) outside the road reserve. In case the remaining land is not enough, it is expected that PAPs will construct their homes or shops within the same villages or communities.

Overall, the PAPs expressed the need to remain within their villages. It is their expectation that most PAPs will be able to find land to construct their new homes or shops within the same villages or communities. This will allow them to resettle within their old communities, to which they are familiar, and therefore to maintain their social networks.

### **6.3. STAKEHOLDER & PAPS INVOLVEMENT**

RDA shall continue to engage with the stakeholders throughout the project cycle. There will be a communication strategy to ensure that stakeholders receive information on the progress of work and its implications, employment and others.



**Table 6-2: Public Consultation Matrix**

Issues Raised in Consultation	Measures to Resolve the Issues
<ul style="list-style-type: none"> <li>• Consideration should be made to minimize the impacts at large settlements because of the many shops and other structures.</li> <li>• Even if people are compensated, majority may just misuse their money and fail to replace structures</li> <li>• Reasonable compensation should be provided for the affected structures.</li> <li>• Project should support community initiatives</li> </ul>	<ul style="list-style-type: none"> <li>• RDA will utilize the reduced road reserve of 36 meters at large settlement sites such as Mpika area, Shiwang'ndu and Chinsali turnoff in order to reduce on the impacts.</li> <li>• Appropriate compensation will be provided to the affected persons.</li> <li>• Community services support and income restoration plan as given in RAP will be implemented.</li> </ul>
<ul style="list-style-type: none"> <li>• Affected public utilities such as boreholes should be relocated with the participation of local communities.</li> <li>• Consideration should be given for the appropriate management of drainages.</li> <li>• Consultation and participation of local people during construction period is necessary and should continue</li> <li>• Local community will have full support to the project during the construction.</li> <li>• Chiefs should not be involved in the process of compensation.</li> <li>• Compensation funds should only be paid directly to the affected people.</li> </ul>	<ul style="list-style-type: none"> <li>• Consideration will be given to relocate the public utilities with the consultation of local people.</li> <li>• Attention will be given to maintain the appropriate drainage during construction.</li> <li>• Consideration will be given to participate and involve local people during construction period.</li> <li>• Local support will be appreciated for smooth construction of road.</li> <li>• Proper rehabilitation of all these loses prior to the construction of road.</li> <li>• Chiefs will only be involved as observers.</li> <li>• Compensation funds will be paid directly to affected people because they have to sign for the money received</li> </ul>
Issues Raised in Consultation	Measures to Resolve the Issues
<ul style="list-style-type: none"> <li>• Worried that government will forcefully evict them without compensation for their affected properties such as land, structures and trees.</li> <li>• Some PAPs expressed fear that the road contractor will destroy water sources such as protected and unprotected wells and wells along the road that serve the communities.</li> <li>• Notification to the people before commencement of rehabilitation of the Road.</li> <li>• Local community will have full support to the project during the construction.</li> <li>• Appropriate compensation to the affected persons.</li> <li>• Road should be constructed reliably and sustainable without any social ills left in our communities.</li> <li>• Drainage should be properly managed during construction.</li> <li>• Employment priority should be given to local</li> </ul>	<ul style="list-style-type: none"> <li>• There will be no forceful eviction as this can only happen after the expiry of the notice period after compensation has been paid</li> <li>• Compensation will be paid for the water points that will be affected so that the owners can have them replaced at different points.</li> <li>• Update information to the local people at least three months earlier in case of translocation</li> <li>• More attention will be given to stop human trafficking and HIV/AIDS.</li> <li>• Efforts will be made to incorporate suggestion of the local people.</li> <li>• Attention will be given to proper management of drainages.</li> <li>• Employment priority will be provided to the local people unless contractor cannot find skills within the communities</li> <li>• Compensation will be provided to the affected households.</li> </ul>



<p>people</p> <ul style="list-style-type: none"> <li>• Appropriate compensation should be given to the affected households.</li> </ul>	
<p><b>Issues Raised in Consultation</b></p>	<p><b>Measures to Resolve the Issues</b></p>
<ul style="list-style-type: none"> <li>• Compensation for loss (Private structure and business).</li> <li>• Community services like Public water supply, Public will be affected by the project.</li> <li>• Drainage should be properly managed during construction.</li> <li>• Employment priority.</li> <li>• Fear that properties will be demolished before they are paid their compensation packages.</li> <li>• Fear that some people will extort money from them and therefore transparency during compensation exercise.</li> <li>• Worried that government has a habit of paying monies in instalments. PAPs demanded to receive all monies due to them in full without any delays.</li> <li>• That compensation payment might delay making it impossible for them to resettle in time. If District paying agents are involved, they will pay in instalments after long periods of time and in most cases don't pay the last instalment.</li> <li>• PAPS requested government to give them adequate time to enable those whose properties are affected to relocate.</li> <li>• The project affected people asked that government pay them adequately so as to enable them to replace their assets.</li> <li>• PAPs expressed concern that if the road construction does not start in the next few months, they would be in problems since they can't do maintenance to their property which will not be taken into consideration</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate compensation will be provided to the affected persons.</li> <li>• Affected community services like public water supply, will be reconstruct by the project.</li> <li>• Efforts will be made to incorporate suggestion of local people.</li> <li>• Attention will be given to proper management of drainage.</li> <li>• Employment priority will be provided to the affected family.</li> <li>• Compensation will be paid in full before demolition of any property.</li> <li>• Transparency will be emphasized upon throughout this RAP process and information will be provided on time and very often.</li> <li>• Full compensation will be paid and no installments will be allowed.</li> <li>• Resettlement will only start once compensation funds have been paid and adequate window period will be provided</li> <li>•</li> </ul>



Issues Raised in Consultation	Measures to Resolve the Issues
<ul style="list-style-type: none"> <li>• Some community members were worried that there will be an increase in theft and robbery during compensation time as those being paid will be targeted. They suggested that payment through the bank can reduce the robberies and thefts.</li> <li>• Members feared that those in the Road Reserve might not be compensated. They said that while putting up their structures they were following the 15 meters road reserve and did not know that the new roads will require 18m.</li> <li>• Lack of letters of administration and family conflicts about rightful persons to receive compensation may cause delays in receiving compensation. In such cases, money will be kept until family grievances are resolved.</li> <li>• Gender Based Violence may increase in households as a result of men controlling and squandering compensation payments.</li> <li>• Involve local leaders in grievance redress of household violence associated with misuse of compensation payments.</li> <li>• PAPs were concerned that receiving and keeping cash payments at home could lead to robberies. To avoid this, people preferred to receive large compensation payments in bank accounts. Most PAPs actually did not have bank accounts and requested RDA to facilitate opening them at local banks.</li> <li>• Lack of legal title deeds for land and buildings to prove ownership may preclude such PAPs from receiving compensation.</li> <li>• Lack of letters of administration and family conflicts about rightful person to receive compensation may cause delay in receiving compensation.</li> <li>• When would compensation payments be made?</li> </ul>	<ul style="list-style-type: none"> <li>• Consideration will be given to relocate the public utilities with the consultation of local people.</li> <li>• Attention will be given to maintain the appropriate drainage during construction.</li> <li>• Consideration will be given to participate and involve local people during construction period.</li> <li>• Local support will be appreciated for smooth construction of road.</li> <li>• Appropriate compensation will be provided to the affected persons.</li> <li>• Traditional leaders will work with the respective District Councils to identify a piece of land where such people can settle.</li> <li>• All persons irrespective of their ownership status (i.e. with or without title deeds and users) are eligible for compensation as long as they existed during property census and valuation period.</li> <li>• Any conflicts will be managed through the grievance process developed as part of this RAP</li> <li>• In such cases, money will be kept until family grievances are resolved.</li> <li>• RDA will communicate the payment dates to the PAPs</li> </ul>

Issues Raised in Consultation	Measures to Resolve the Issues
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<ul style="list-style-type: none"><li>• Notification to the people before commencement of rehabilitation of the Road.</li><li>• Request to reduce Road Reserve</li><li>• PAPs developing property wanted to know if construction should cease or continue after a given building had been valued for compensation.</li><li>• We are concerned that Local Councils levy a 10% fee on compensation payments made to each PAP. Should this be the case, is it legal?</li><li>• Gender violence may increase in households as a result of men controlling and squandering compensation payments.</li><li>• What happens if wrong names are given to valuers by caretakers due to the absence of actual property owner?</li><li>• When will the construction works begin so that the affected people begin to prepare?</li><li>• What about people whose building were at foundation level when preliminary census was being conducted, should the project be abandoned?</li><li>• What will happen when the owner of the property does not agree with the calculated value of the property?</li><li>• Channels of forwarding grievances will be opened. A Resettlement Working Group will be formed and it will work with existing channels of forwarding complaints by involving Traditional Leaders and respective district commissioners, where necessary. When this fails, arbitration will be done by a court of Law.</li><li>• What will happen to a piece of land that has been bought but has not yet been developed and has been affected by the project?</li><li>• After getting compensated, will the affected people be free to get back to their places after the construction works have been completed?</li><li>• What will happen to ensure that compensation is given to the real owners of property?</li></ul>	<ul style="list-style-type: none"><li>• This should not happen and RDA should ensure this is communicated during RAP disclosure. Resettlement is not a commercial “for-profit” transaction. Affected assets are not sold for a profit and compensation payment simply replaces lost assets, therefore it is not taxable income.</li><li>• Involve local leaders in grievance redress of household violence associated with misuse of compensation payments.</li><li>• Those property owners should inform valuers as soon as possible for records to be corrected.</li><li>• The project is in the planning phase as such the actual dates for implementation are not yet known. However, people should continue to lead their normal lives as adequate notice will be given to the project affected people.</li><li>• Once the affected people have been compensated, there will be no need for such people to move back to their places, especially those who are within the road reserve area. Those outside the road reserve area may move back after the affected piece of land has been rehabilitated by the contractors.</li></ul>
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## CHAPTER SEVEN

### BASE LINE SOCIO-ECONOMIC STATUS OF PROJECT AFFECTED PEOPLE

#### 7.1. INTRODUCTION

This chapter describes the project area and socio-economic profile of the Project Affected Households (PAHs). This chapter specifically analyses the impacts on land and other immovable assets based on detailed measurement survey done in the road reserve. Based on the impact on structures, a Census Survey was carried out; and the results of the survey established socio-economic status of PAHs. The Census Survey has indicated the nature and characteristics of interventions required to mitigate negative impacts of the proposed project.

#### 7.2. AREAS AFFECTED BY THE PROJECT

According to the Zambian "Public Roads Act, CAP 12 of 2002, the Mpika-Chinsali Road requires a road reserve of 100m (i.e. 50m on both side of the existing centreline) and this is what will be enforced. For the heavily settled areas such as Mpika urban area, Kalalantenkwe (Shiwang'and BOMA) and Mucheleka (or Chinsali turnoff area) a 36m road reserve will be enforced in line with the Act.

Thus, the road reserve as categories above is the areas affected by the project road and all affected households within these marked road reserves have been identified and will be compensated accordingly.

#### 7.3. SUMMARY OF HOUSEHOLD SOCIO-ECONOMIC CHARACTERISTICS-KEY RESULTS

In the following section, the salient socio - economic characteristics of the households affected by the project have been described. These include household size and composition, age, gender and education of the household head, household asset endowment and household income and income sources. In addition, information on quality of life indicators: food security, condition of the main house, water and sanitation and sources of cooking and lighting energy is provided. Further, access to infrastructural facilities and agricultural productive services are also explored.

The outline of results of the socioeconomic survey is summarized in Table 7-1 below<sup>5</sup>

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<sup>5</sup> A detailed table summarizing the socio-economic data for the PAFs is provided as well in Table 7-2 on the next page



**Table 7-1: Summary results of the socioeconomic survey**

Category	Number
<b>Project Affected People</b>	
number of PAPs	5,928 PAPs
number of people consulted	988
number of affected households	988
number of households to be physically resettled	550
number of PAPs to be physically resettled	2,373
number of households surveyed	988
number of vulnerable people	124
<b>Number of Project Affected People by demographics of gender/ age</b>	
Male	2,608 (44% of 5,928)
Female	3,320 (56% of 5,928)
Age Range 0-15	1,363 (23% of 5,928)
Age Range 16- 64	4,268 (72% of 5,928)
Age Range 65 and above	296 (5% of 5,928)
<b>Land Acquisition</b>	
Volume of land acquired	88,115.336 square meters or 8.8 Ha
Types of land	Traditional land
Types of structure	<ul style="list-style-type: none"> <li>• Residential houses;</li> <li>• Road side shops;</li> <li>• Traditional Kitchens “Insaka”;</li> <li>• Traditional Toilets;</li> <li>• Churches; and</li> <li>• Water points</li> </ul>

**7.2.1. Number of Project Affected Households (PAHs) and Project Affected People (PAPs)**

The findings reflect impact data for 43 villages in the 165 kilometer stretch. The census identified a total of 988 Project Affected Households (PAH)<sup>6</sup> comprising of 5,928 persons (PAPs)<sup>7</sup>. As shown in the Appendices, an estimated 1,034 different structures are affected by the project with majority of the 988 PAHs losing more than one structures (*i.e. a PAH may lose a combination of different structures*).

<sup>6</sup> A PAH is a household that includes one or several project-affected persons and usually comprises a head of household, their spouses, children and other dependents (for example, parents, grandchildren).

<sup>7</sup> A PAP is any person who, as a result of the implementation of the project, loses the right to own, use, or otherwise benefit from a built structure, land (residential, agricultural, pasture or undeveloped/unused land), annual or perennial crops and trees, or any other fixed or moveable asset, either in full or in part, permanently or temporarily. Affected people might be displaced either physically (“Physically Displaced People”) or economically (“Economically Displaced People”).



### **7.2.2. Number of Project Affected Households (PAHs) to be physically resettled**

The enforcement of the road reserves for the T2 road from Mpika to Chinsali will include physically relocating households from their current sites in the road reserve to new sites outside the road reserves. However, the project is adopting the concept of a “push back”, which means that the households to be physically relocated will not necessary move to new sites away from their current locations but will only rebuild their affected structures outside the road reserve but within the same locality.

In terms of the number of households to be physically resettled outside the road reserve, the census data revealed that of the affected 988 PAHs, 55.9 percent or 550 households will incur impact on their residential properties and these 550 PAHs will need to be physically relocated outside the road reserve but within the same locality.<sup>8</sup>

It should be noted that the number of project affected households is higher (988) compared to the number of households who will be resettled (550). This is so because some of the project affected households are only impacted by the project through the loss of other types of structures other than residences such as shops, traditional kitchens, toilets, water points and fruits. These households will not be physically resettled but instead will only receive full compensation at replacement cost and will rebuild their affected structures outside the road reserve. This means that the project is only resettling PAHs whose residential structures are falling inside the road reserve as discussed above.

Table 7-3 gives the names of household heads representing the households to be physically relocated outside the road reserve.

### **7.2.3. Number of Project Affected People (PAPs) to be physically resettled**

As discussed in the previous section, there are 550 PAHs who will be physically resettled outside the road reserve. When data is segregated for the number of PAPs among households losing residential structures, the Census Survey results show that the 550 households have an estimated population of 3,300 PAPs.

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<sup>8</sup> It is important to note that the number of affected residential structures is more (415) compared to the number of affected households in this category. This is because some PAHs have more than one affected residential structures.





**Table 7-2: Households to be physically relocated outside the road reserve.**

#### 7.2.4. Sex of PAPs and Household Size

Household size is an important variable especially as it rates to poverty issues. Different studies have shown that generally poor families tend to have large families. The household questionnaire administered among the PAHs revealed that there are 5,928 household members, of which 3,321 are female (56%) and 2,608 are male (44%).

Among the household heads, the survey results indicate that there were a total of 988 heads of households of which majority are male (83.4%) compared to 16.6% female who are heads of households.

The survey results further show that the average household size is 6 members per household. These findings are consistent with both the National statistics, which shows that on average the population of female tend to be slightly higher than that of male while household sizes are in the range of 5.8 and size of 6.1<sup>9</sup>.

Among the Project Affected Households who will be physically resettled, the census data revealed similar trends with more male heads of households among the the 550 households to be physically resettled. The results indicate that 81.3 percent of the PAHs to be physically resettled are headed by male while 18.7 percent are female headed househlds.

In terms of sex distribution among the PAPs to be physically resettled (3,300), the female sex was slightly more than the male sex with 52 percent (1,716) being female PAPs and 48 percent (1,584) being male PAPs.

#### 7.2.5. Age Distribution of PAPs

Among the general population of the project affected people (5,928), the age group of 15-35 years (41%) dominated the results followed by those younger than 15 years old (23%), indicating that the youth population is higher than the adult population. This also shows availability of young people to be employed by the road project, especially during the construction phase of the project.

Given the fact that 23% of the PAPS population is in the age distribution of 0 to 15 years while 5% of the PAPS are over 65 years, which is the retirement age in Zambia, it can be inferred that population in the age group of 16-65 of the population constitute the economic productive age group of the age pyramid.

The implication of these findings is that 28% of the PAPs are dependent on the economic productive age group of those between 16-65 years. This means that 28 is the dependence ratio among the PAPs. This also indicate that for every 100 productive age people (15-65 years old), some 28 people are non-productive (0-15 and 65+).

<sup>9</sup> CSO 2010: Muchinga Provincial Census of Population and Housing-Descriptive Tables



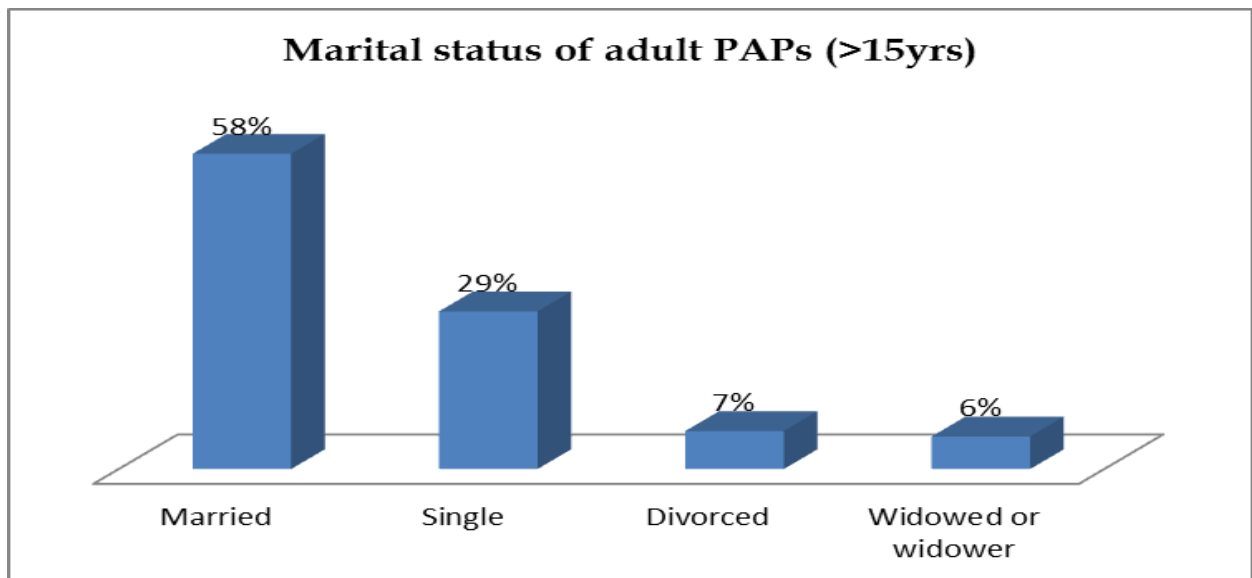
**Table 7-3: Age Distribution of PAPs**

AGE DISTRIBUTION OF PAPS	NUMBER			PERCENTAGE	
	TOTAL	FEMALE	MALE	FEMALE	MALE
0-15	1,364	771	593	13	10
16-25	1,245	652	593	11	10
26-35	1,186	652	534	11	9
36-45	948	593	355	10	6
46-55	474	238	236	4	4
56-65	415	238	177	4	3
>65	297	177	120	3	2
<b>TOTAL</b>	<b>5,928</b>	<b>3,321</b>	<b>2,608</b>	<b>56</b>	<b>44</b>

**7.2.6. Marital status of PAPs**

The marital status of HH members was also analysed and the survey results showed that of the total number of adult PAPs (>15year), 58 percent were married, while 29 percent were single and have never married before. The divorced only made up 7 percent while the widowed/widower category accounted for 6 percent.

Female household heads were mostly widows in comparison to unmarried or single women. A few elderly female household heads were encountered and these were often grandparents looking after grandchildren orphaned by HIV/AIDS. These constitute part of a “vulnerable category”. Figure 7-2 shows the marital of the adult PAPs.



**Figure 7-1: Marital status of adult PAPs (>15 yrs)**



## 7.2.7. Educational Indicators of PAPs

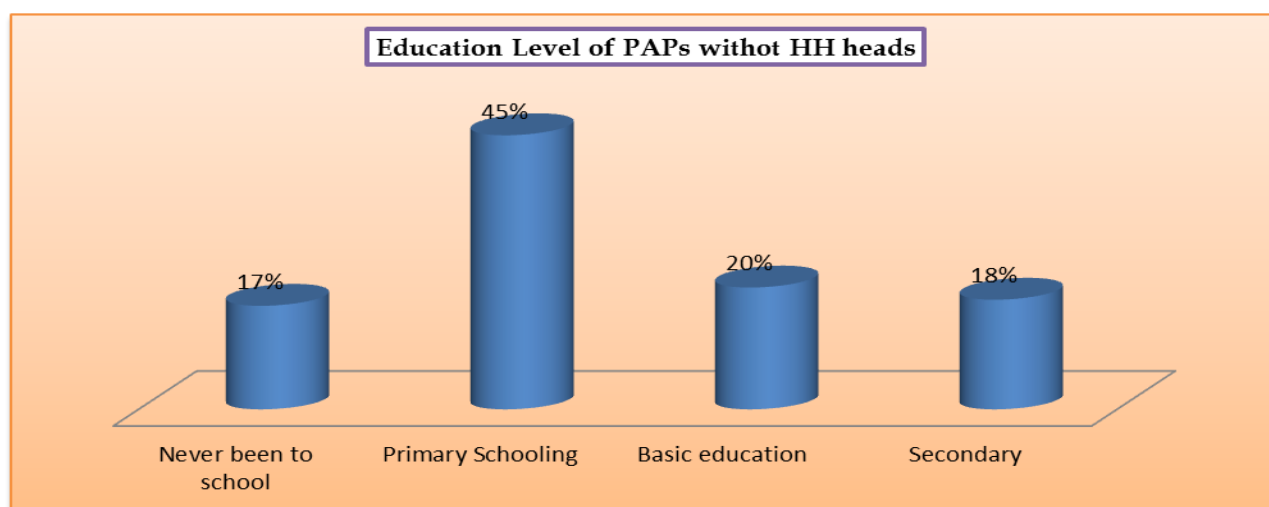
### 7.2.7.1. Educational Levels of Household Heads

As regards the educational attainment of the PAHs heads, Table 7-4 shows that out of the total population of 988 persons, (22.43%) are illiterate. From among the 77.57% literates, 46.84% have attained some primary level of education, (19.67%) have some basic secondary level of education, 7.14% have attained some secondary level, and less than four percent have some tertiary level of education.

**Table 7-4: Level of education attained by household heads among PAHs**

Level of education attained by household heads among PAHs				
Educational Level	Male	Female	Total	Percentage
Illiterate	105	117	222	22.43%
Up to Lower Primary	115	138	253	25.59%
Upper Primary	122	87	209	21.25%
Basic School	111	83	194	19.67%
Higher Secondary	44	27	71	7.14%
Graduate	23	16	39	3.92%
<b>TOTAL</b>	<b>520</b>	<b>468</b>	<b>988</b>	<b>100</b>

Among the general population of household members (5,928), household survey results indicate, majority of the PAPs have had some sort of formal education with approximately 45 percent having undertaken primary schooling, 18% Middle School and less than 20% High school and Middle technical School, while 17% of the PAPs have not been to school either they were too young to start school (72%) or adult people who have not been to school in their entire lives (28%).



**Figure 7-2: Education level of PAPs**



It is clear from the educational indicators of PAPs that while majority of PAPs have attended some primary education, progression to higher grades (beyond primary schooling) is very low. This low level of progression to higher education could be attributed to the education system in Zambia which demands that selection examinations be held at grade seven, grade nine and grade twelve levels. At each of these levels, a lower number of pupils make it to the next higher grade due to several factors but prominent among them being limited school places. Even more important is that most of the areas along the project road corridor have few schools that offer education beyond grade seven, thus there are fewer opportunities to advance beyond this level and pupils will have to cover long walking distances to access the few available places beyond grade seven.

## 7.2.8. Economic Indicators among PAHs

### 7.2.8.1. Sources of Livelihood in Project Affected Households

Subsistence farming is the principal source of livelihood in all the 988 affected households with 63 percent regarding farming as their major or number 1 source of source of income. However, even those households who regard other sources of income than farming such as trading (21%) still regarded farming as their second source of income. This means that most project affected households are dependent on earned income from subsistence agriculture. Subsistence agriculture in the project affected households comprised of cultivation of maize, millet, cassava, beans, sweet potatoes, and ground nuts. Figure 7-5 shows the major sources of livelihood for the project affected households.

Within the agriculture, forestry and trading sectors, the sources of income ranked according to importance are agriculture, trading and forestry subsectors. Within the services sector, trading ranks first as a sub-sector source, followed by others including the banking, transport and storage sub-sectors. It appears that own livelihood or economic activities play an important role in day-to-day living of the project affected households with more than 80% dependent on it.

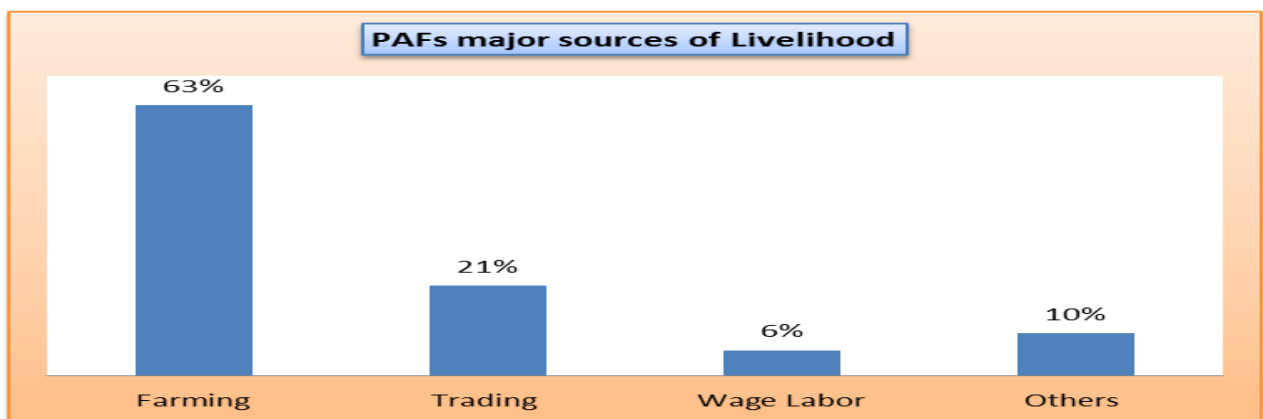


Figure 7-3: PAHs major source of livelihood

### 7.2.8.2. Agricultural Production and Marketing

Agriculture is an important economic activity among all project affected households. The survey took the 2014/2015 farming season as the base year for assessing the production and marketing of agricultural products among PAPs. By October 2016 when the field work for the study was being undertaken, the marketing season had not yet ended. Thus, it the 2014/2015 agricultural year was taken to be more realistic.



Maize is the only crop which PAHs were able to accurately account for in terms of production and sales. Therefore, the survey analysis has only discussed maize production and marketing even if PAHs are engaged in the production of other crops except that these other crops such as cassava, millet, sweetpotatoes are difficult to quantify since most of these crops are grown for home consumption among PAHs.

During the same, period, 984 project affected households (94.7%) engaged in crop production and together produced an aggregated figure of 621 metric tonnes of maize of which 78% (484 metric tonnes) were marketed at a value of ZMW726,000.

### 7.2.8.3. Available skills among PAPs

In contrast to the low levels of education among PAPs, there were high levels of skills within households. Figure 7-6 below presents the aggregated data on skills prevalence in the 988 project affected households. The survey results show that natural resource-based skills are the most common skills among the PAPs. The commonality of skills amongst the PAPs tends to follow a cetratin pattern. The commonst skill (grass thatching) is less dependants on formal education and is based on grass, a readily available natural resource. Other common skills including traditional craft making, carpentry and brick making also depend on redialy available natural resources. The very uncommon skill of welding depends on exotic non-natural resources usually expensive metallic materials.

It is clear therefore that PAPS tend to develop skills that are based on utilization of inexpensive readily available local resources.

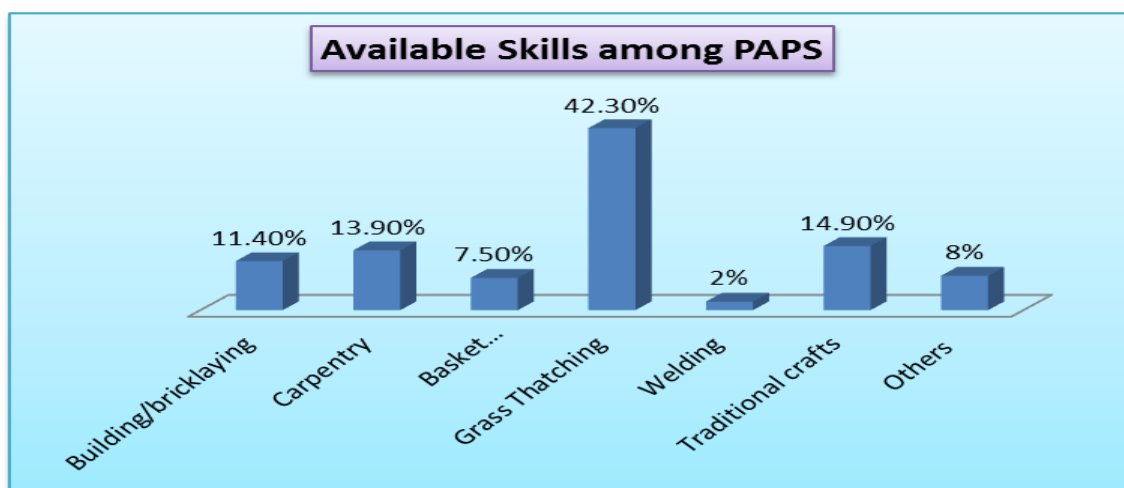


Figure 7-4: Available skills among PAPs

### 7.2.8.4. Levels of income in PAHs

Income is defined as receipts from economic activities including interest income, and non-economic activities such as gifts and donations. It includes cash and in-kind receipts as well as unpaid income of household members involved in a family business or activity including farming.



Although there are no trend data on the composition of household income along the project road corridor, the baseline survey requested the actual household income per month among the project affected households. People generally tend to underreport their incomes, and it is likely that the reported figures for the socio-economic survey is even further underreported, given that many of these project affected households produce some food for household consumption. Despite these limitations, subsistence agriculture was noted to be a significant source of livelihood for the project- affected households in the villages.

The household survey results show that generally earnings in the project affected households are low with a significant number of PAHs (20.7%) earning less than ZMW500 per annum while majority of PAHs earning between ZMW500-1,000 per annum accounted for 38.6 percent and PAHs earning above ZMW1,500 per annum accounted for 15.8 percent.

**Table 7-5: Agriculture income levels among the PAHs**

	Range of revenue from agriculture (ZMW) per Month				Total %
	less than 500	500-1,000	1,000-1,500	above 1,500	
Female (%)	17.30%	23.50%	16.70%	10.30%	67.80%
Male (%)	3.40%	15.10%	8.20%	5.50%	32.20%
<b>Total</b>	<b>20.70%</b>	<b>38.60%</b>	<b>24.90%</b>	<b>15.80%</b>	<b>100%</b>

#### 7.2.8.5. Cash availability in Project Affected Households

The Cash availability among the project affected households presents a seasonality pattern in which cash is differentially variable during various seasons. This reflects on household’s engagement in and pattern of income generation based economic activities. Activities include crop production, trading, sale of livestock and to an extent exploitation of natural resources such as honey harvest.

According to the survey results, the season during which majority of PAHs (36.6%) have cash is March to August. During this period, many households engaged in crop production would have marketed their produce. This period is followed by September to October season (31.6%), which reflects a continuation of agricultural products (crops) marketing. Very few PAHs have cash available in their homes during the November to February period and this lack of cash availability among PAHs during this period was mainly attributed to the fact that households spend much of their cash on farming inputs.

It should however be noted that although availability of cash has been alluded to PAHs, the levels of income are very low to make any significant changes to their livelihoods. What is being referred to as available cash is for minimal survival purposes, including use for small household needs such as salt and soap.



Figure 7-6 shows the seasonality of cash availability in project affected households.

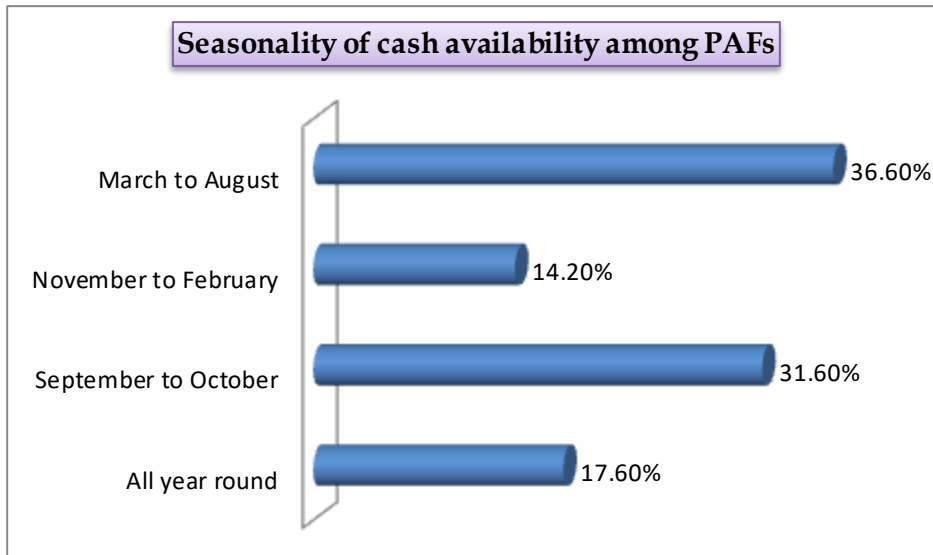


Figure 7-5: Seasonality of cash availability among PAHs

#### 7.2.8.6. Income Expenditure Patterns

The income expenditure pattern of the project affected households is spread across ten (10) expenditure areas, as shown in Figure 7-7.

The survey results show that PAPs tend to commit the larger share of their income on expenditure related to their welfare such as clothing (14.3%), education 17.3%), health (15.2%), transport (16.4) and food (14.0%).

The lowest areas of expenditure are investment (2.1%), and social activities (1.3%). The other areas in which little income is dedicated are banking (1.3%) and purchase of livestock (0.17%). Banking refers to keeping some amount of money in commercial banks. The low levels of investment reflect the fact that these are resource poor communities usually without extra income for investment. The lack of skills in business is another contributing factor. In addition, there was no indication during focusgroup discussions with the project affected communities of capacity to identify and exploit opportunities for investment in their areas, including exploitation of natural resources.

The relatively high expenditure on transport (16.4%) is explained by the distances to medical facilities and which are very few along project road road. Medical expenses were noted high due to a lack of adequate healthcare facilities (clinics and drug stores) in the affected area. There are only 5 rural health centers for the whole 165Km stretch and referral hospitals are only located in the two towns of Mpika and Chinsali (i.e. 165km apart). However, due to inadequate services at the health centres, many people were reported to move long distances to referral hospitals in search for better services. In absence of affordable public transport, proximity to trading centers, which are the sources of employment, goods and services, are essential for the project-affected people. If affected persons relocate further from settlements with such facilities



such as health centers, they might suffer higher cost of living resulting from higher transport costs.

Difficulties arising from lack of money income are compounded by an increasing need for cash such as expenditure on education and health. With the promotion of Universal Primary Education (UPE) by the Zambia government since 2006, education became more accessible to rural population. However, while school fees are free at public primary schools, education involves a lot of extra costs such as school uniforms, stationery and transportation.

### **7.2.9. Ownership of Productive Assets among PAHs**

Ownership of minimum household assets among the PAHs is presented in Table 7-7. The asset base of the PAHs was varied. According to the household survey results, all the 988 households own some agricultural equipment, while natural resource assets are owned by 73.2% of the PAHs. Access to land was also another asset which was reported to be owned by 87.8% while Livestock assets and Fruits trees were reported to be owned by 79 percent and 71.2 percent of PAHs. It is obvious that the basic agricultural assets (i.e hoes and axes) were widely owned by the PAHs.

#### **7.2.9.1. Access to Land**

Inadequate access to land is not only denial of access to the basic factor of production and is in many respects responsible for inappropriate land use patterns. This facilitates rapid environmental damage and loss of natural resources and effectively compromises the basic livelihood and incomes which depend on them and perpetuates poverty.

The household survey therefore collected information on access to land among the project affected households and the survey results show that 87.8 percent have access to some land, while 12.2 percent of the PAHs reported that they are landless. When the 543 PAHs who have access to land were asked about the type of land they possess, majority 99.2 percent have access to traditional land and only 3 land owners in Mpika town reported to have titles to their land on 99-year lease period.

It is interesting to note the number of households who reported to have no access to land given that traditional land is almost available to community members through various traditional channels. The common response provided by this group of PAHs on their lack of land was that they have been using family land and therefore cannot claim to possess land on their own as an individual family since land belongs to a wider and extended families.

### **7.2.10. Energy Sources**

Firewood is the principal source of energy for cooking among PAHs which was reported by 87.5 percent of PAHs. There is also usage of charcoal but it is limited to a small proportion of households (13.2%). This finding on the low use of charcoal is rather surprising given the fact that charcoal is abundantly sold along the project road corridor. Proportions of PAHs using other types of fuels like electricity are almost negligible.





Prevalently, PAHs use paraffin (27.3%), candles (29.5%) and the battery lamps (36.4%) for indoor night lighting and only about 6.5% of households had access to grid electricity for lighting.

### **7.2.11. Vulnerable Groups**

Vulnerability is the degree to which a population, individual or organization is unable to anticipate, cope with, resist and recover from the impacts of misfortunes (WHO, 2002). Children, elderly people, malnourished people, and people who are ill or immune compromised, are particularly vulnerable. Poverty – and its common consequences such as malnutrition, homelessness, poor housing and destitution – is a major contributor to vulnerability.

A number of households with vulnerable PAPs, headed by the terminally ill, widows, elderly, orphans, female headed households or disabled people were identified with a number of challenges. There are 124 PAHs who have been regarded as vulnerable households and would need additional assistance:

- 51 of the 124 vulnerable households are due to old age (above 75 years and stay with grandchildren);
- 61 of the 124 vulnerable households are female headed households;
- 3 of the 124 vulnerable households are mentally disturbed; and
- 7 of the 124 vulnerable households are disabled.

Such vulnerable homes might need special assistance during compensation and resettlement process.

### **7.2.12. Health Indicators among PAPs**

#### **7.2.12.1. Common Diseases among PAPs**

Malaria fever was the most prevalent disease in project affected households followed by respiratory ailments (coughs and flu). Although most PAPs were reluctant to give their HIV/AIDS status, a few responses from several people who were frank about their status confirmed high prevalence of HIV/AIDS along the road. Other common ailments included waterborne diseases like cholera and dysentery attributed to lack of safe drinking water. Common diseases among the PAPs are presented in Figure 7-8.

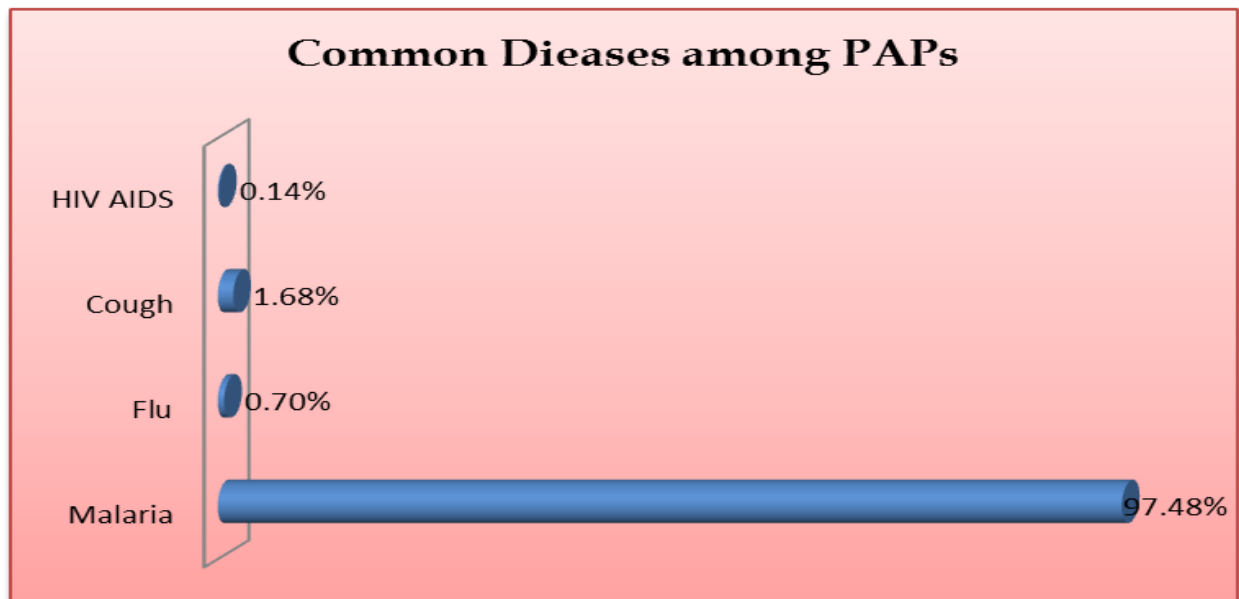


Figure 7-6: Most common diseases among the households

Most PAPs (97% of PAHs interviewed) in the project areas were aware of HIV/AIDS and how it is spread. Their main sources of information are health centres (55.3%), local radio stations (14.6%) and NGOs involved in HIV/AIDS prevention programs (29.1%). Qualitatively, female-headed households were found to be more vulnerable to HIV/AIDS than male-headed counterparts because of poverty which lead them to sexual exploitation for material favors from men.

The few health centres along the project road corridor and major hospitals (Mpika and Chinsali District Hospitals) play a central role in the fight against HIV/AIDS and provide treatment, nutrition, free testing and counselling including other outreach programmes like community sensitization through drama, music and sports. However, it was reported that most health centres lack drugs, have inadequate staff, and lack space to accommodate a large number of patients.

#### 7.2.12.2. Disabilities and Chronic Disease Cases

The proportions of disabilities and chronic disease cases in the project affected household are presented in Figure 7-9.

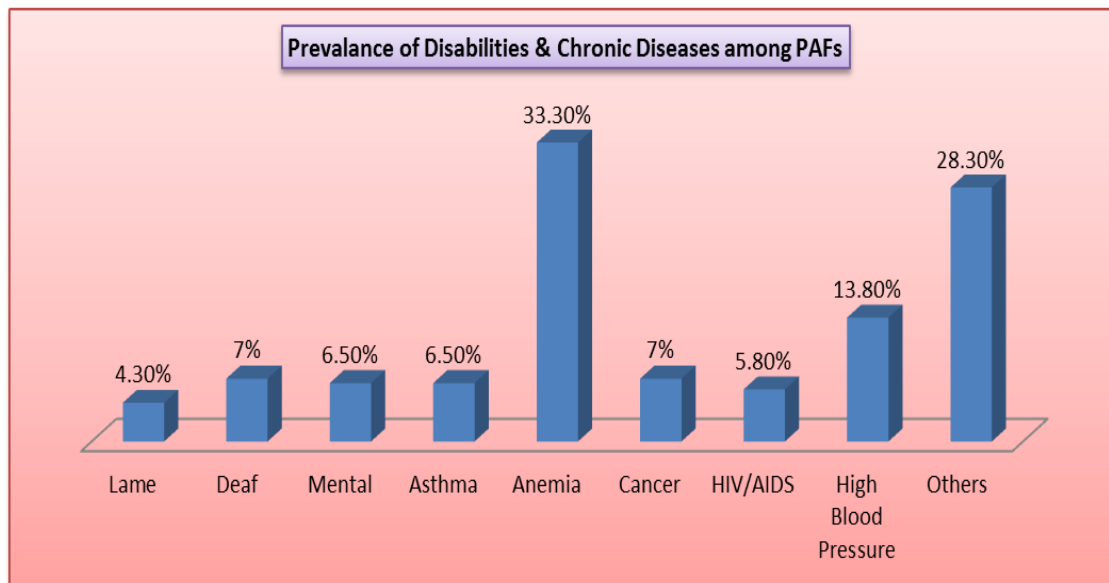


Figure 7-7: Prevalence of disabilities & chronic diseases among PAFs

### 7.2.13. Water and Sanitation

#### 7.2.13.1. Source of Drinking Water

It was observed that around 59 percent of PAHs access their drinking water from communal boreholes or traditional wells while a significant number of PAHs access their drinking water from surface water bodies along project road corridor. Only 11.9 percent of the PAHs access piped water and this is mainly in one community at Kasoma Mulenga or Danger Hill village where there is piped water for the villages currently been implemented as a pilot project by JICA and the Ministry of Local Government and Housing. Table 7-6 shows the types of drinking water sources among project affected households

Table 7-6: Types of drinking water sources among PAHs

Water source	Proportion (%)
Communal boreholes/ hand dug wells	59.4
Rivers/Streams	28.7
Standpipes	11.9

#### 7.2.13.2. Sanitation

Access to good sanitation is very crucial to the health of the population. Poor sanitation poses one of the greatest threats to health. Among the Project Affected Households or households, majority of household (83%) use traditional pit latrines for human waste disposal and only an insignificant number (2.3%) of household have access to the Ventilated Improved Pit latrines (VIP). The number of PAHs with no access to latrines is also significant (14.7%) and a source of concern as these households tend to relieve themselves in the bush. Therefore, keeping the area clean is a challenge because of the poor hygiene practices in the communities.



#### **7.2.14. Waste Disposal Infrastructure**

There are no designated waste management sites in the project affected area and households discard rubbish in the nearest bush or a compost pit in the backyard. Primary data shows that a majority of respondents (51.4%) dispose their waste in their gardens while (36%) dispose it in a compost pit at the back yard. Only 12.6% of respondents burn their waste.



## CHAPTER EIGHT

### ELIGIBILITY CRITERIA

#### 8.1. ELIGIBILITY CRITERIA FOR AFFECTED PERSONS

Any person who will suffer loss or damage to an asset, business, trade or loss of access to productive resources, as a result of the project road and especially as a result of the enforcement of the mandatory road reserve of 100 in the rural sections of the road and 36m in the heavily settled areas of *Mpika urban area, Kalalantenkwe (Shiwang'andu BOMA) and Mucheleka (or Chinsali turnoff area)* will be considered eligible for compensation and/ or resettlement assistance.

To be described as a project affected person (PAP), property or activity must fall within the road reserve. All activities being carried out in the road reserve which existed prior to their being marked for dislocation are to be compensated for. Those eligible for compensations are owners of properties that will be dislocated.

Those who will be affected by asset loss and resettlement and are eligible for compensation and other assistance require definition and identification, with criteria set for determining their eligibility. The Resettlement/Compensation safeguard for this RAP has identified the following three categories of affected people:

- IV. Those who have formal rights to land (including customary/village land, traditional, and religious rights recognized under the Zambian law and also if such claims become recognized through a process identified in the resettlement plan);
- V. Those who do not have formal legal rights to land at the time the census begins, but have a claim to such land or assets, provided that such claims become recognized through a process identified in the resettlement plan; and
- VI. Those who have no recognizable legal right or claim to the land they are occupying, using, or obtaining their livelihood from.

People described under (i) and (ii) will be compensated for the land they lose and provided other assistance in accordance with the EIB policy and RDA guidelines. People described under (iii) will be provided with resettlement and other assistance in lieu of compensation for the land they occupy, as necessary, to achieve the objectives set out in the EIB policy, if they occupy the project area prior to a cut-off date that is acceptable to the EIB and RDA and established by the local traditional leaders in close consultation with the potential PAPs, local community leaders, and respective village and district administration. Persons who encroach on the area after the cut-off date are not entitled to compensation or any other form of resettlement assistance. The cut off date is 20<sup>th</sup> November, 2016, when the census was completed. All persons included in (i), (ii), or (iii) will be compensated for loss of assets other than land.

Therefore, it is clear that all PAPs, irrespective of their status or whether they have formal titles or legal rights or are squatters or otherwise encroaching illegally on land, will be eligible for some kind of assistance if they occupied the land before the entitlement cut-off date. People who will encroach the road reserve areas after the socioeconomic study (census and valuation) are not eligible for compensation or any form of resettlement assistance.



## 8.2. DETERMINING CRITERIA

The key issue is how any project-affected persons (PAPs) will be determined along the project road reserves of the T2 road from Mpika to Chinsali. For this reason, the RAP focuses on the identifiable PAPs. The identification of persons eligible for compensation and resettlement will be based on the following criteria:

- i. Persons losing land with or without legal title;
- ii. Persons losing temporary or permanent access or rights to services;
- iii. Persons losing business or residential property;
- iv. Person with homes, farmland, structures or other assets within the proposed project area;
- v. Vulnerable individuals who may be too old or ill to fend for themselves. These PAPs shall receive additional assistance;
- vi. Members of the household who cannot reside together because of cultural rules, but depend on one another for their livelihood;
- vii. Members of the household who may not eat together but provide housekeeping or reproductive services, critical to the family's maintenance; and
- viii. Persons that incur losses whether partial or total and whether they have their own land or rent land, including those that rent or occupy buildings individually or as a group for business or as households.

All properties affected by the road reserve or construction and rehabilitation activities have been valued and assessed according to laid down procedure. Owners of affected properties have been notified in several ways:

- Buildings and structures to be affected by construction have been identified;
- Public forums have been held throughout the project road reserve to draw attention to the impending rehabilitation and consult property owners on their concerns; and
- A compensation valuation of all affected properties has been carried out to assess commensurable values.

## 8.3. CUT-OFF DATE

The Cut-Off Date is the date after which persons found to settle in the Project area are not eligible to Project compensation or other resettlement benefits, while similarly immovable assets or crops established after the Cut-Off Date are not subject to compensation.

The intent of the Cut-Off Date is to establish and confirm eligible properties, households or individuals thereby avoiding opportunistic attempts at maximising compensation through structures erected intentionally or crops established purely for the purposes of compensation.

Potentially affected people need to be informed of the Cut-Off Date in order to minimise potential claims related to eligibility. Where opportunistic and/or fraudulent attempts at maximising compensation are assessed as a significant risk, caution must be exerted in disclosing the Cut-Off Date.

A “cut-off” date for eligibility shall be defined as:

- Either the date when the notification of the intent of expropriation is delivered to affected owners *where expropriation is applicable*; or
- The date of the performed census.



For the current project, the cut-off date for being eligible for compensation and/ or resettlement assistance was the 20<sup>th</sup> November, 2016, which was the last day during which the socio-economic survey and the property evaluation were completed. A cut off date of 12<sup>th</sup> May 2023 was set for the RAP verification exercise that commenced in 2022.

The completion of the census and evaluation of affected properties represents a provisional cut-off date for eligibility for resettlement assistance. Sufficient public awareness of the cut-off date was given to the community through the community meetings organized by the ward councillors, senior headmen and the respective district commissioners.

However, If there will be a significant time lag (i.e. more than 2 year) between the completion of the census/valuation and implementation of the RAP, resettlement planners should make provision for population movements as well as natural population increase and expansion of land use, which may include a repeat census.

Although concessions should be made for enumerator errors and omissions, as a rule people moving into the project area after the cut-off date should not be entitled to assistance.

Nevertheless, individuals or groups who are not present at the time of registration but who have a legitimate claim to membership in the affected community can be accommodated.

#### **8.4. IDENTIFYING THE ELIGIBLE**

The land laws consider all titled landowners, customary landowners, encroachers, persons affected by loss of access to sources of income and persons affected by loss of access to natural resources (water, wood, grazing areas etc.), as PAPs. Therefore, PAPs will be entitled to compensation based on the status of their occupation of the affected areas. The survey identified PAPs as being land owners, tenants, squatters and shop owners.

However only PAPs that were registered during the baseline survey were considered to be eligible for compensation. The date of completion of baseline survey, 20<sup>th</sup> November, 2016, was set as the cut-off date. However due to a lapse in time another cut off date of 12<sup>th</sup> May 2023 was set for the RAP verification exercise that commenced in 2022.

#### **8.5. PROOF OF ELIGIBILITY**

The Road Development Agency (RDA), been the RAP implementation agency through its Environmental and Social Management Unit (ESMU), will consider various forms of evidence as proof of eligibility to cover the following:

- PAP with formal legal rights, documented in the form of land title registration certificates, letters of offers from traditional chiefs; tenancy agreements, building and planning permits and business operating licenses among others: unprocessed/unregistered formal legal documents will be established in the RAP;
- PAP with no formal or recognized legal rights-criteria for establishing non-formal, undocumented or unrecognized claims to eligibility shall be established paying particular attention to each situation and its peculiarities. Alternative means of proof of eligibility will include:
  - ✓ Witnessing or evidence by recognized traditional authority, customary heads, community elders, family heads and elders and the general community.



## 8.6. RELOCATION AND ENTITLEMENTS

Land for land is considered to be appropriate for people whose livelihoods are land based. However, the consultation meetings established that there is no idle land in the project impact area which the traditional leaders can allocate to the PAPs for free hence cash compensation will be affected so that PAPs can either purchase land from traditional chiefs or from other community members who might have extra land for sale. Consultations with the potential PAPs further showed that the PAPs prefer cash compensation.

PAPs whose houses are affected by the Project will be provided with cash compensation reflecting the full replacement value of the structure. This will be in accordance with the cost of the structure as per non-depreciated rates. For fruit trees it is the value of production lost until replacement seedlings mature. For the loss of business or income, the reported income and employee wages will be taken into consideration. For water points and sanitary facilities, standard cost for a borehole hand pump and VIP toilets will be applied to all water points and sanitary facilities regardless of their current value. The entitlement matrix covers these dimensions.





## CHAPTER NINE

### RAP IMPELEMENTATION ARRANGEMENT

#### 9.1. INTRODUCTION

According to the EIB, the failure of many resettlement operations is more due to the inability to implement the RAP adequately in order to attain the project objectives, than the quality of the RAP itself. This is particularly true when the organisations responsible for the implementation do not understand the RAP, as they were not involved in its preparation and may lack an understanding of its objectives.

The schedule below outlines the various activities for implementing the RAP process. The planning actives are completed, purchasing and manufacture contracts yet to be commissioned, the relocation methodology has been agreed with the community and the relocation of structures should take approximately 120 days.

#### 9.2. INSTITUTIONAL ARRANGEMENTS

In implementing the Mpika-Chinsali RAP, RDA will utilise the existing structures within its establishment and those existing outside its establishment. RDA as the executer of the Mpika-Chinsali road rehabilitation project will assume full responsibility for the delivery of all entitlements to all the Project Affected Persons (PAPs).

RDA has a dedicated RAP team of experienced specialists from its Planning Directorate (i.e. *Environmental and Social Management Unit (ESMU)*) that undertakes all associated RAP activities. In addition, RDA will retain an independent environmental and social consultant as well as independent valuers and survey companies to assist in activities or concerns as require outside the RAP team competence. The RAP team is qualified in the following fields, environmental, social health and safety, civil engineering, construction management, finance \ accounting and GIS surveying technician. In addition, the RDA ESMU has an Environmental Health and Safety (ESH&S) specialist.

RDA will provide sufficient manpower as necessary to ensure the RAP implementation process and oversight management role of the reconstruction of the settlement assets is completed as stipulated throughout this report. The following is a brief description of the RAP Team from RDA:

##### 9.2.1. RDA Planning Department

RDA has an Environmental and Social Unit (ESMU), which is a unit within RDA that is responsible for the integration of environmental and social concerns into road construction activities and will be responsible for the management of the Mpika-Chinsali road project. It will be the responsibility of ESMU to ensure that all deserving PAPs receive their entitlements as per the provisions of the RAP and specifically the valuation report.

##### 9.2.2. RDA Finance Department

This is a department of RDA that oversees the management of RDA funds. The Finance department will play a cardinal role in accessing the compensation funds from the National Road



Fund Agency (NRFA), processing the payments to the PAPs and keeping records of the payments made.

### **9.2.3. Muchinga Province RDA Regional Office based in Chinsali**

The regional office has within its structure an Accountant who will be used to help in the disbursements of funds due to the PAPs.

## **9.3. ADDITIONAL RAP GOVERNANCE**

There is no single agency in Zambia that has the mandate for the planning and providing resettlement and compensation help in cases where people are involuntarily relocated for development project. It is however a common practice that the project proponent assumes the responsibility for delivery of entitlements even though a number of actions may involve local authorities. The implementation of this RAP will comprise several steps involving individual PAPs, affected communities, the Three Local Councils; Traditional Leaders

### **9.3.1. Local Authority Offices at Mpika, Shiwa ngandu and Chinsali districts**

Officials from the three Local Authority Offices will be called upon to be part of the RAP implementation process within the areas of their jurisdictions. The Councils will be requested by RDA to assign officers to participate in the RAP implementation process.

### **9.3.2. The Community Liaison Team (including the Grievance Redress Officer)**

The key objective of this team is to ensure good project relations with both the PAPs and local residents of the affected areas. The community liaison team will be responsible for organizing meetings with PAPs in the locations to be resettled. This team will inform the PAPs and local residents about the resettlement and compensation process.

The detailed tasks of the community liaison team will be to:

- Prepare and distribute notices of meetings at least one week prior to the meetings to local leaders and media such as community radio;
- Notices should be distributed in the local languages as well as in English;
- Organize meetings with local government leaders at the village level and distribute notices for general meetings to local government leaders, NGOs and villagers;
- Distribute notices, press releases at various points (such as at local government offices, markets, schools, and churches) with summaries in local languages;
- Meeting with village leaders to explain the land acquisition process and to answer questions about the process;
- Select appropriate locations for use as payment centres for compensation payments;
- Explain the compensation payment process including the benefits of using a bank and the role of the bank;
- Explain methodology used to calculate compensation values;
- Present a summary of the Resettlement Action Plan to PAPs, local residents and other project stakeholders, its role and process. This must be done in both the official and local languages;
- Explain the process for resolving disputes that may arise during the compensation payment process. This will include the explanation of residents' legal rights and how to file a dispute in the legal system should they wish to lodge a legal complaint; and
- Discuss any socio-economic issues regarding the RAP that are raised by the community.



#### **9.4. ORGANIZATIONAL UNITS**

The Mpika-Chinsali Road Project will be implemented in three lots (i.e. *Lot 1: (From Mpika weighbridge to Mazingo with possible financing from the Chinese); Lot 2 - (From Km 4+100 to Km 86+770): Mpika to Shiwan'gandu Junction (D53/T2 Junction) – 82.7 km with possible financing from EIB; and Lot 3 – (Km 86+770 to Km 165+646) Shiwan'gandu Junction (D53/T2 Junction) to Chinsali Junction – 78.8km with possible financing from EIB*). As such, the RAP followed the same structure of Lots and analysed the PAP's socio-economic characteristics and compensation requirements by Lots. Consequently, as the implementation of the RAP will be done by lots, the organisational units working in each lot will have the same RDA actor's but different government officers.

As a result, central coordination is key in maintaining the quality and the management of the resettlement, as these can differ in each lot depending on the actor's knowledge and understanding of the RAP's objective.

Furthermore, monitoring and supervision during implementation is also key to the success of the RAP.

#### **9.5. RAP IMPLEMENTATION SCHEDULE**

The below schedule is an overview of the detailed planning that RDA has put into the preparation and implementation of this through its dedicated RAP Team. A detailed schedule is provided in the Appendices to this report.

The compensation issues and rehabilitation measures will be completed before civil work starts. Civil works contracts will not be awarded unless required compensation payment has been completed. RAP implementation schedule is given in Table 9-1.



**Updated Resettlement Action Plan (RAP) for the Rehabilitation of 161.5Km of the Mpika-Chinsali Road (T2) in Muchinga Province**



**Table 9-1: RAP Implementation Schedule**

Task No	RAP implementation Schedule Task	2017			2018 to 2021		2022	2023	2024				2025	2026	Responsible
		July	Aug	Sep	Oct	Nov	Dec	Jan	Q1	Q2	Q3	Q4			
1	Completion of Draft RAP														BICON (Z) LTD & RDA
2	Approval of Draft RAP														RDA & EIB
3	PAP/community consultation (ongoing)														RDA-ESMU/ Consultant
4	Notification of entitlements														RDA-ESMU/ Consultant
5	Payment of compensation														RDA
6	Notification to PAPs/community of demolition of structures														Community Liaison Team/RDA-ESMU
7	Demolition of old structures and land acquisition														RDA/ Contractors
8	Grievance mechanisms and procedures (ongoing)														Community Liaison Team & RDA-ESMU
9	Performance monitoring (Ongoing)														RDA-ESMU
10	External evaluation (bi-annual for three years)														Independent Evaluator





## CHAPTER TEN

### COSTS AND BUDGET

#### 10.1. INTRODUCTION

This section provides the estimated cost for the implementation of this Resettlement Action Plan activities described in preceding chapters. The cost of affected assets is based on the valuation reports that were prepared during the RAP verification exercise that was conducted in 2023.

#### 10.2. FINANCIAL RESPONSIBILITY AND AUTHORITY

All costs for resettlement and implementation of the RAP will be the responsibility of RDA.

#### 10.3. COMPENSATION FOR ASSETS

The compensation rate was developed based on replacement cost. The social survey team held consultation with local construction contractors and the community key stakeholders those who have constructed new houses within one year, to investigate the market rate of the construction work like private housing and other structures. The structures were valued without deducting any depreciation in material use. The quality of the house and materials used were some of the factors taken into considerations.

#### 10.4. SOCIAL MONITORING SUPPORT FOR RAP IMPLEMENTATION

Effective RAP implementation requires social monitoring and supervision by different stakeholders. The implementation and monitoring cost including contingency budget for this RAP is calculated at 10% of the compensation cost.

#### 10.5. TOTAL COST ESTIMATE

	Item	Amount (ZMW)
1	Assest compensation costs	40,219,786.44
2	Monitoring and supervision and contingency at 10%	4,021,978.64
	<b>Total</b>	<b>44,241,765.08</b>

The total estimated cost for the compensation of affected assets including the cost of monitoring is *Forty-Four Million, Two Hundred and Forty-One Thousand, Seven Hundred and Sixty-Five Kwacha and Eight Ngwee (ZMW 44,241,765.08)*.



## CHAPTER ELEVEN

### MONITORING AND EVALUATION

#### 11.1. INTRODUCTION

Monitoring is a crucial element for the success of any resettlement project as it is important to accurately verify the information related to implementation of the Resettlement Plan, and should be planned and costed as early as possible in the project. The monitoring will provide feedback to project management which will help keep the programs on schedule and successful. A monitoring schedule is presented below in Table 11-1.

Monitoring measures should be designed to endure that, at a minimum; the livelihood and standard of living of displaced persons are restored to pre-project levels. Monitoring will involve the participation of key stakeholders such as affected communities.

#### 11.2. MONITORING

The objective of monitoring is to provide stakeholders with feedback on RAP implementation, identify problems and successes as early as possible to allow timely corrective action of implementation arrangements. The RDA RAP team will oversee the RAP implementation and internal monitoring will be through the RDA-ESMU. External monitoring will take place in the form of lender's Engineer on a frequency designated as per Finance Agreement usually on a quarterly basis.

Performance monitoring of this RAP will start after 4 months from its implementation, as this is the notice period for the PAHs to vacate the site. RDA will gather, analyse, interpret and report monitoring findings and results. The monitoring reports shall document what went well, what did not go well and lessons learnt.

The baseline socio-economic surveys undertaken as part of this RAP will provide the foundation upon which future progress and success of implementation of this RAP shall be measured. Monitoring will also include communication with PAPs, documentation of reactions from PAPs and physical monitoring of progress of the RAP's implementation, including the relocation of PAPs and the affected community assets.

Performance monitoring of this RAP will start after 3 months from its implementation, as this is the notice period for the PAHs to vacate the site. RDA will gather, analyse, interpret and report monitoring findings and results. The monitoring reports shall document what went well, what did not go well and lessons learnt.



The baseline socio-economic surveys undertaken as part of this RAP will provide the foundation upon which future progress and success of implementation of this RAP shall be measured. Monitoring will also include communication with PAPs, documentation of reactions from PAPs and physical monitoring of progress of the RAP's implementation, including the relocation of PAPs and the affected community assets.

### 11.3. MONITORING INDICATORS

On top of the socio-economic indicators, the monitoring will also include the following performance indicators:

- 1) Disbursement of compensation payments and receipt by PAPs;
- 2) Number of persons not yet compensated (by types of losses);
- 3) Number of consultations held;
- 4) Number of meetings or consultations with PAPs and other stakeholders;
- 5) Progress and completion of scheduled activities;
- 6) Community development activities initiated and adopted;
- 7) Livelihood restoration;
  - a. PAPs standard of living (access to food / water, etc.);
  - b. Change in PAP incomes / livelihoods;
- 8) Level of satisfaction of PAPs
- 9) Level of satisfaction of affected people with the compensation;
- 10) Grievance redress procedures in place and functioning:
  - Gender of participants;
  - Number of complaints received (by types);
  - Number and gender of complaints;
  - Nature of main complains raise;
  - Number of resolved complains;
  - Number of complains left unresolved (reasons should be reported) Number of grievances resolved
  - Number of grievances outstanding
  - Number of bank accounts opened;
- 11) Number of training seminars undertaken;
- 12) Delivery on banking and financing awareness seminars;
- 13) Number of persons attended each seminar; and
- 14) Number of Identity Cards processed.



**Table 11-1: Monitoring Indicators**

<b>Indicator</b>	<b>Source of Information</b>	<b>Frequency</b>
<b>Input Indicators</b>		
Overall spending on expropriation and compensation	Financial records	Quarterly
Number of project affected people by categories	Census and grievance management	Quarterly
Number of project affected people having moved into their new dwelling in the period	Data management system	Monthly
Number of project affected people having moved from their previous dwelling in the period	Data management system	Monthly
Number of people having received cash compensation in the period with distribution by compensation type and by classes of amounts	Data management system	Monthly
Number of individual compensation Agreements signed in the period	Data management system	Monthly
Number of vulnerable households/individuals resettled, the type of vulnerability and type of assistance provided	Monitoring Reports on Resettlement Activities	Monthly
Number of individual compensation agreements signed in the period	Monitoring Reports on Resettlement Activities	Monthly
Number of businesses where income restored or improved from pre-resettlement levels.	Monitoring Reports on Resettlement Activities	Quarterly
Qualitative indicators which will serve to assess the satisfaction of the affected people with the resettlement initiatives and, thus, the adequacy of the initiatives. Information on these indicators will be obtained through direct consultation with the affected population (meetings, focus group discussions, questionnaires)	Monitoring Reports on Resettlement Activities	Monthly
Degree of satisfaction with the new dwelling	Monitoring Reports on Resettlement Activities	Monthly
Degree of satisfaction with the compensation agreement	Monitoring Reports on Resettlement Activities	Monthly
Degree of satisfaction with performance of resettled business	Monitoring Reports on Resettlement Activities	Monthly
Getting information on things like whether the resettlement process was easy or not (e.g. it involved lots of paperwork, communication was poor)	Monitoring Reports on Resettlement Activities	Monthly
Establishment of Grievance Mechanism and tracking of grievances including quantitative (tangible) and qualitative complaints	Evidence that grievances are being addressed and closed out	Ongoing





#### **11.4. MONITORING PROCESS**

In order to comply with EIB requirements the overall internal monitoring procedures will be as follows:

##### **11.4.1. Internal performance monitoring**

This monitoring will be based on the resettlement implementation plan and will check that physical progress has been made in execution of required actions. Narrative reports on progress should be produced on a monthly basis. The main performance milestones to be checked will be:

- Public consultation meetings held;
- Census, assets inventories, assessments and socio-economic studies completed;
- Grievance and redress procedures in place and functioning;
- Compensation payments disbursed;
- Relocation of people completed;
- Income restoration activities initiated; and
- Monitoring and evaluation reports submitted.

##### **11.4.2. Impact monitoring**

The impact monitoring will be used to assess the effectiveness of the RAP and its implementation in meeting the needs of the affected population. It will use socio-economic data and census information gathered at the beginning of the project as baseline information. Reporting should be conducted on an annual basis. The methodology for impact monitoring should involve:

Field checks of:

- Payment of compensation and timing of payments;
- Preparation and adequacy of resettlement sites;
- Housing construction;
- Provision of employment and income levels;
- Adequacy of training and other support provided;
- Infrastructure relocation or replacement;
- Enterprise relocation, compensation and its adequacy;
- Interviews with a random sample of affected people from different sites to assess their knowledge and concerns regarding the resettlement process, their entitlements and rehabilitation;
- Observer at public consultations with affected people and observe function of resettlement operation to assess compliance with RAP. Check the type of grievance issues and the effective functioning of the grievance redress mechanisms by interviewed aggrieved affected people and reviewing grievance and appeals processing;
- Survey the standard of living of the affected people after the implementation of Resettlement to assess whether the standards of living of affected people have improved or been maintained, using key indicators from baseline information for comparison; and



- Advise project management of changes necessary to improve implementation of the RAP.

### 11.4.3. Final External Evaluation

According to the EIB, RDA must supplement its internal monitoring with an “independent monitors as considered appropriate by the Bank”.

This external evaluation will assess whether compensation and other measures to restore the living standards of project-affected persons have been properly designed and carried out. It will verify in the field some of the quantitative information submitted by the internal monitoring agency as well as using some of the impact indicators. Due to the vested interest in reporting smooth implementation by the internal monitors, an external independent third party should be responsible for this evaluation.

There are various entities such as NGOs, research institutions, consultancy firms and others that qualify as an appropriate external monitoring agency, however these must have the following essential requirements: (i) Experience in EIB projects dealing with resettlement issues (ii) Monitoring and evaluation of socioeconomic projects (ii) experience in socio-economic studies using quantitative and qualitative methods (iii) experience in livelihood restoration. Experience in working in Zambia is preferable but not essential.

**Table 11-2: Internal Monitoring Schedule**

Monitoring Activities	Objective	Source of Information	Responsibility for Data Collection, Analysis And Reporting	Frequency of Reports and Audience Of Reporting
<b>Performance Monitoring</b>	<ul style="list-style-type: none"> <li>• Assess the progress of the RAP implementation in terms of the executions of the recommended actions. Measurement of input indicators against proposed timetable and budget.</li> </ul>	<ul style="list-style-type: none"> <li>• Consultation with affected people.</li> <li>• Narrative reports on progress of RAP implementation.</li> <li>• Financial reports regarding RAP implementation.</li> </ul>	RDA-ESMU	<ul style="list-style-type: none"> <li>• Monthly narrative reports</li> <li>• Monthly financial reports</li> <li>• Two main performance reports per year.</li> </ul>
<b>Impact Monitoring</b>	<ul style="list-style-type: none"> <li>• Assessment of the effectiveness of the RAP and its implementation in meeting the needs of the affected population including PAP satisfaction with</li> </ul>	<ul style="list-style-type: none"> <li>• Qualitative and quantitative surveys of PAPs</li> <li>• Review of grievance mechanism reports. Regular public</li> </ul>	RDA-ESMU	<ul style="list-style-type: none"> <li>• Annual Reports</li> </ul>



	inputs.	<ul style="list-style-type: none"> <li>reports</li> </ul>		
<b>External Audit</b>	<ul style="list-style-type: none"> <li>Measurement of output indicators such as restoration of living standards and the development impact against the baseline.</li> <li>Verification in the field of some of the quantitative information submitted by the internal monitoring.</li> </ul>	<ul style="list-style-type: none"> <li>reports</li> <li>Impact monitoring</li> <li>independent surveys and consultation with affected people</li> </ul>	<ul style="list-style-type: none"> <li>Contracted external agency</li> </ul>	<ul style="list-style-type: none"> <li>Twice a year for the next three years after the RAP has been completed, starting upon completion of the RAP.</li> </ul>

### 11.5. REPORTING

The project proponent (RDA) shall provide an Initial Monitoring Report on the implementation of the RAP at the time of the Loan condition effectiveness. Periodical Monitoring reports will be provided annually thereafter for three years as part of the Annual Reporting to EIB. RDA will also report annually to EIB on any similar issues falling under its responsibility.

It should be noted that RDA may need to publicize some of the above-mentioned indicators as a response to a formal information request filed in line with the relevant information access legislation.

At times, the client's ability to achieve social or environmental outcomes will be dependent on third party activities. A third party may be, inter alia, a government agency, a contractor, a supplier with whom the project/client has a substantial involvement, or an operator of an associated facility. EIB seeks to ensure that projects it finances achieve outcomes consistent with the EIB standards even if the outcomes are dependent upon the performance of third parties. When the third-party risk is high and the client has control or influence over the actions and behaviour of the third party, EIB will require the client to collaborate with the third party to achieve outcomes consistent with the its standards. Specific requirements and actions will be determined on a case-by-case basis.

### 11.6. ROLES AND RESPONSIBILITIES

The following table presents the proposed distribution of roles and responsibilities between RDA and the Contractor for each of the main tasks. All parties involved in the Project, are required to implement the requirements.



TASK	RESPONSIBILITY ENTITY
Main expropriation exercise prior to construction commencement	RDA-ESMU
Supplemental land acquisition required for construction or operation needs	RDA-ESMU
Temporary land occupation required for construction or operation needs, if required	Contractor/s
Grievance management	RDA-ESMU
Monitoring and reporting in respect of expropriation carried out prior to construction commencement	RDA-ESMU
Monitoring and reporting with respect to land acquisition and/ or temporary land occupation carried out after construction commencement, if required	RDA-ESMU
Information disclosure to all project affected people	RDA-ESMU
Assistance to legalise properties if necessary	RDA-ESMU
Negotiations prior to expropriation	RDA-ESMU
Payment	RDA-ESMU
Provision of compensation packages	RDA-ESMU
Provision of resettlement assistance	RDA-ESMU
Grievance management	RDA-ESMU





## CHAPTER TWELVE

### CONCLUSION AND RECOMMENDATIONS

The objective of preparation of this Resettlement Action Plan is to give directions for further measures and to ensure that the population displaced and affected by the project receives benefits from it. Involuntary resettlement should be treated as an integral part of project design and should be dealt with from the earliest stages of project preparation by responsible entities, in accordance with the national, and EIB legislation.

The Project's major disadvantage is the displacement and relocation of both people and businesses. However, if this resettlement action plan is followed then the people displaced will suffer minimum inconvenience. It is therefore recommended that the following should be done:

- The institutions recommended for negotiations and RAP implementation i.e. RDA-ESMU and local district Teams should be set up as soon as approval of the project is given;
- If during project implementation a need arises to resettle some PAPs from their current land, alternative land close to the project road should be found for those households who cannot continue to live in their current locations; and
- The RAP will be modified in line with situations experienced when the actual resettlement begins. In particular the monitored indicators are discussed at least quarterly so that appropriate measures and readjustments can be made.
- Conduct sensitisation meeting to refrain people from encroaching the road reserve areas.

With all procedures for resettlement and compensation implemented, it is recommended that the project should be undertaken. It will be constituted in such a manner as to be regarded as the primary representative voice of the affected persons. The composition of the RWG will be as follows:

1. Representatives of the affected communities/villages. This will be made up of two members from each of the Traditional Authorities areas defined as affected. At least one of the two members will be a woman. The PAP will elect these members;
2. Representatives of the Traditional Authorities in each of the areas affected;
3. Representatives of RA; and
4. One representative from the District office. This will be the representative of the District Commissioner or the Council Secretary.



# APPENDICES



## **APPENDIX 1: VALUATION REPORTS FOR THE AFFECTED PROPERTIES ON THE LEFT AND THE RIGHT HAND SIDES OF THE ROAD CORRIDOR**





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4<sup>th</sup> December, 2023

Our Ref: SA/2023/V2352/EM/MS/MLS/GCS/SB

The Managing Director  
Brian Colquhoun Hugh O'Donnell and Partners  
Consulting Engineers,  
Plot No. 41, Mulungushi Road  
Roma,  
P.O. Box 31943  
Lusaka

Attention: Mr. Tresphor Musonda - Associate Partner

Dear Sir,

**REPORT ON PROPERTY VALUATION CONSULTING SERVICES FOR THE RESETTLEMENT ACTION PLAN FOR THE REHABILITATION OF 161.5KM OF THE MPIKA – CHINSALI ROAD (T2) IN MUCHINGA PROVINCE**

**1.0 Instructions**

We make reference to the Contract between Brian Colquhoun Hugh O' Donnell and Partners Consulting Engineers and Sandridge Associates Limited in relation to providing Property Valuation Consulting Services for the Resettlement Action Plan (RAP) Study for the Rehabilitation of 161.5 Kilometres of the Mpika- Chinsali Road (T2) in Muchinga Province.

**2.0 Assignment Objective**

We understand that the main objective of this assignment is to carry out a valuation assessment of the assets that include structures, other land improvements and trees of economic value that will be incorporated in the detailed Resettlement Action Plan (RAP) for the above stated project.

**3.0 Dates of Inspection**

The subject structures, improvements and trees of economic value were inspected between 24<sup>th</sup> March 2023 and 26<sup>th</sup> April 2023 by Mr. Martin Lengwe Sauti and Miss Monde Simwanza (Both Registered Valuation Surveyors under CAP 207 of the laws of Zambia) and Mr. Enoch Mumba (an Assistant Valuation Surveyor); and information regarding the construction materials and gross external floor areas, photographs, perimeters for structures and information to be able to come up with valuation assessments were obtained.



#### **4.0 The Property Survey Process undertaken**

##### **Reconnaissance survey**

The consultant conducted the reconnaissance survey along with the land surveyor, social and economic experts along the Great North road between Mpika and Chinsali turn off.

##### **Valuation Survey**

The specific objectives of the Property Survey and Valuation are as shown below;

- Survey and value all structures and trees of economic value affected within the project area;
- Obtain all relevant information necessary to identify all property owners and other persons that are likely to be affected by the project, using the identifications, descriptions, photographs, coordinates that show the affected assets within the project area.
- carry out a detailed valuation assessment of all structures and trees of economic value affected by the project in order to provide the basis for compensation.

##### **Measurements**

All measurements were taken in accordance with the Royal Institution of Chartered Surveyors (RICS) Code of Measuring Practice as recognized by the Surveyors Institute of Zambia (SIZ) - Valuation Chapter. Measurements were taken on a Gross External Area (GEA) and Perimeter basis.

All data and dimensions deemed to be technical in nature and thus not relevant to the client have been excluded from this report.

#### **5.0 Principles for Valuation Relied Upon**

##### **Zambia's Compensation Law**

##### **5.1 The Constitution of the Republic of Zambia**

The Constitution of Zambia, Chapter 1 of the Laws of Zambia, and Article 16 of the Constitution provides for the fundamental right to property and protects persons from the deprivation of property. It states that a person cannot be deprived of property compulsorily except under the Authority of an Act of Parliament, which provides for adequate payment of compensation. The Article further provides that the Act of Parliament under reference shall provide that in default of agreement on the amount of compensation payable, a court of competent jurisdiction shall determine the amount of compensation.

##### **5.2 The Land Acquisition Act**

The Land Acquisition Act, Chapter 189 of the Laws of Zambia provides that assessment for compensation for involuntary acquisition of land/property must be at market value. It states that:

*“... the value of the property shall, subject as hereinafter provided, be the amount which the property might be expected to realize if sold in the open market by a willing seller at the time of publication.... Of notice to yield up possession.”*

### 5.3 The Public Roads Acts

The Public Roads Act, 2002 section 18 (3) gives authority to the Road Development Agency (RDA) to enter upon any land for purposes of extraction of materials for road formation. The Act under the same section provides for the notification to the property/land owner before preparation for commencement of extraction of materials starts. Under section 18 (4) of the Act, compensation should be paid to the affected land owner/occupier if such land is on title. Section 18 (5) of the said Act allows the land/owner occupier to submit some written request to the Agency for any expense or loss that may be incurred if such land is appropriated.

Section 18 (6), the Act states that in the event of failure to agree upon the amount of compensation the matter shall be decided by arbitration in accordance with the Arbitration Act.

The Act under section 18 (7) provides a number of conditions which shall form the basis for assessment of properties or envisaged losses that are the subject of disagreements.

#### The European Investment Bank Guidelines

- 1 *Whenever feasible, the promoter shall offer all PAPs an informed choice of either compensation in kind (land-for-land; house-for-house; shop-for-shop) or monetary compensation at **full replacement cost**. The promoter shall respect the choice stated by the PAPs.*
- 2 *Where the PAPs' livelihood is land-based or the land is collectively owned, the promoter shall favour land-for-land compensation. If this option is not available, the promoter shall provide sufficient justification to the EIB as to why this option is not feasible, including justification that livelihoods are not affected by not replacing land.*
- 3 *All PAPs who occupy/use the land and/or assets but have no recognizable legal rights or claim to it/them shall receive compensation for the structures they own and occupy, and/or livelihood restoration measures, and/or other assistance/compensation in accordance with the guidelines of the European Investment Bank.*
- 4 *PAPs who have formal legal rights to land or assets shall receive compensation for land. With respect to land, PAPs who have no legal rights shall receive, as a minimum, sufficient resettlement assistance for re-establishing, and possibly improving, their livelihoods and/or residence elsewhere.*
- 5 *In cases of physical displacement:*
  - a. *Where alternative housing is offered, the new residence's value should be equal to or higher than prior-project conditions, with equivalent or better characteristics, advantages and location. For PAPs under paragraph 3 above, the promoter shall provide arrangements to allow them to obtain adequate housing and pursue security of tenure;*
  - b. *Where cash compensation is offered, the valuation of all affected assets shall be at the full replacement cost; and*
  - c. *Where tenants are being displaced, arrangements shall be put in place to help them secure alternative housing.*

## Eligibility Criteria According to the European Investment Bank

All displaced persons or Project Affected Persons (PAPs) are eligible for certain types of mitigation measures. They may be classified as:

- a. Persons with formal legal rights to land or assets (including customary and traditional rights recognized under national laws);
- b. Persons who do not have formal legal rights to land and/or assets, but who have claims to land or assets that are recognized or recognisable under national laws or customary and traditional rights;
- c. Persons who occupy/use the land and/or assets but have no recognisable legal rights or claim to it/them.

### **Replacement cost addresses tangible assets only**

Replacement cost addresses compensation for tangible assets, primarily, houses, other structures, trees, crops, access to water, and improvements on the land. Because valuation cannot be established for intangibles - sentimental attachments; proximity to neighbors or relatives; spiritual sites; aesthetic qualities, such as the view - compensation at replacement cost refers to compensation for tangible assets only. Intangible factors can have economic value (for example, customer goodwill), however, and intangible attachments can be important to Displaced People.

## 6.0 Basis of Compensation Valuation Adopted

The basis adopted for the valuation of the various structures for Compensation Purposes is **Full Replacement Cost** which is defined as follows:

*Full replacement cost is defined by the EIB Environmental and Social Standards as a method of valuation that provides sufficient compensation for replacing assets and transaction costs. Where functioning markets exist, the full replacement cost is the market value as established through independent and competent real estate valuation, plus transaction costs. Where functioning markets do not exist, the full replacement cost can be determined through alternative means, such as the calculation of the output value for land or productive assets, or the undepreciated value of replacement material and labour for the construction of structures or other fixed assets, plus transaction costs. In all instances where physical displacement results in the loss of shelter, the full replacement cost must at least be sufficient to enable the purchase or construction of housing in a similar condition to the housing impacted by the project.*

This report and valuations referred to therein, have been prepared in accordance with the EIB Environmental and social standards in relation to Compensation in Involuntary Resettlement.

## 7.0 Methodology of Valuation

### 7.1 Valuation Methodology in Zambia

The valuation surveying of property in Zambia is carried out by valuation professionals registered under the *Valuation Surveyors Act Chapter 207* of the Laws of Zambia. A Registered Valuation Surveyor (with Valuation Surveyors Registration Board VSRB) is a trained professional who has a thorough knowledge and understanding of the factors that create, maintain or diminish values of real estate or assets. Valuation of assets is done in accordance with the Practice Statements and Guidance Notes published by the

International Valuation Standards Committee (IVSC), adopted and recognized by the Surveyors Institute of Zambia (SIZ).

### 7.1.1 **Methods of Valuation**

Generally, there are five methods of valuation of fixed assets that are relevant to the Zambian market namely; (1) Cost Approach or Contractor's Method (2) Sales or Direct Comparison Method (3) Investment Method (4) Residual Method (5) Profits Method. For purpose of this assignment only approaches 1 and 2 are relevant. Method 1 and 2 - Cost Approach or contractors method and Sales or Direct Comparison Approach - were used to value replacement of the assets. Below is the brief description of the traditional methods of valuation (1) and (2) which are applicable to this Survey.

#### **Cost Approach or Contractor's Method**

This approach is based on answering the question, "How much does it cost to build the same structure today?" It includes the cost of design plus other professional fees. This cost of replacement approach is sometimes referred to as the contractors approach or contractors test and is used mainly to value individual structures and machinery.

All components of the impacted structure are compensated for on a material by material basis. The data to come up with unit costs is normally obtained from hardware shops, Quantity Surveyors, Contractors, Government Departments and other sources as necessary.

As this method requires descriptive data on the improvements being valued, the first step in the Contractor's method is data collection. The second step is to determine an accurate cost estimate. Costs consist of all expenditures necessary to complete construction of a house or other building. They are either direct or indirect costs. Direct costs include materials and unskilled labour, while indirect costs include skilled labour and the monetary cost of obtaining a building permit, registering the house with relevant government agency, and designing fees of hiring an architect to design the house.

This cost method equates to the replacement cost as prescribed by the EIB environmental and social standard.

### 7.2 **Methodology and Approach Adopted**

#### **(i) Replacement Cost for Buildings and Other Structures**

[The cost approach or contractors method]"**Replacement cost**" as the method of valuation of assets that helps determine the amount sufficient to replace lost assets and cover transaction costs. In applying this method of valuation, depreciation of structures and assets should not be taken into account.

The valuation basis adopted for valuing the developments on the land taken for compensation is the current replacement cost or equivalent reinstatement basis or probable cost of acquiring similar premises for the same purpose. This is the amount it would cost to search for a supplier of the construction material, the cost to purchase, transport and insure the materials to the site, and the costs of erection of the premises, including professional fees, and completed to a standard as existing at the valuation date.

It should be noted that the structures have not been valued at market value because replacement cost is not synonymous with value.

### **(ii) Trees of Economic Value**

Where markets exist, the value of a tree of a specified age is used to determine compensation rates. For trees of economic value, the value is equal to the cumulative value of the production of the tree (for example fruit, fodder, and timber) for its productive life and any timber value. If replacement trees are provided, good practice indicates that compensation be based on the value of the harvests lost until the replacement trees come into full production (typically, 7 - 10 years).

### **(iii) Water Wells/Boreholes**

The methodology we have used in the valuation for the water wells is the replacement cost approach where depreciation has not been taken into account.

## **8.0 Source of Information**

Information obtained included information provided by the various occupants of the respective subject structures, and information obtained during inspections of the same structures. The Land Surveyor provided the coordinates for the various structures and improvements belonging to PAPs.

## **9.0 Project Brief Background**

This valuation report is submitted in relation to the proposed project to rehabilitate the T2 Road from Mpika to Chinsali, which is part of the Great North Road.

The project road is located in Muchinga Province of Zambia, and starts at Mpika and ends at Chinsali turnoff. The project will involve a full reconstruction and widening of the existing carriageway and the enforcement of the mandatory road reserves as enshrined in the Public Roads Act of 100m for the rural sections and 36m for the urban sections and heavily populated areas of Mpika (Ch0+00-Ch7+780); Shiwang'ndu urban (Ch86+800) and Chinsali turnoff (Ch165+645).

The proposed development will affect several hundred households that have settled in the road reserve. Therefore the purpose of this document is to identify the Project Affected Persons (PAPs) and assess the assets therein that includes dwellings structures, trees of economic value and other improvements for the purpose of compensation.

## **10.0 Location**

The subject structures are located in between Mpika and the Chinsali turnoff in Chiefs Chikwanda, Mukwikile, Chibesakunda and Nkula's Chiefdoms in Mpika, Shiwang'andu and Chinsali Districts of Muchinga Province.

## Project Area



### 11.0 Climate & Rainfall of Muchinga Province

Muchinga Province is situated in the North East Part of Zambia and it has vast arable land and good climatic conditions with normal to above normal rainfall patterns. It enjoys typical tropical weather with average temperature of about 10 degree C in the dry season to 30 degree C in wet season.

#### (a) Maize production in various parts of Zambia

Among the nine Zambian provinces, the Eastern province is the largest maize producer, followed by the Southern and Central provinces. Then Luapula, Lusaka, North-western and Western provinces only register small amounts of production. Taking transport cost into consideration, production may correlate with accessibility to the capital. Unit yield stands at 1.5 - 2.0 tonnes per hectare each year in most of the provinces, but often does not reach 1.0 tonnes per hectare in the Western province.

#### (b) Cropping System, Cultivation Methods and Use

##### (i) Cropping system

Zambia has clear rainy and dry seasons (Figure II-1-3). Vegetables are cultivated in the dry season, from May to October, while maize and other cereal are grown in the rainy season, from November to April. Although rain-fed cultivation prevails for maize, it is also grown in the dry season where irrigation facilities are available. Maize is typically grown in permanent fields.

**(ii) Cultivation methods**

Seeds are sown by early-December for rain-fed cultivation during the rainy season. It is recommended to sow 20-30kg/ha of seeds with an inter-row space of 75-100cm, inter-stock space of 15-30cm and seeding rate of 4-5 stocks/m<sup>2</sup>. Bud emergence is the best when seeds are sown at the depth of 5cm, or 3-4cm in hard soil. As regards hybrid varieties, it is recommended to apply 300-400kg/ha of D-compound (N:P:K=10:20:10) for basal dressing and 250-300kg/ha of urea for top dressing. Fertilizer application has little effect on traditional varieties. Sufficient weeding is required for the first six to eight weeks of growing.

**(iii) Use**

Zambian maize is mostly used as food, although it is also used for brewing and animal consumption. As a staple crop, most of the maize is milled and then boiled in hot water until it thickens like dough for eating. This staple food is known as *nshima* in Zambia.

**12.0 Land Rights and Governance in Zambia**

The 1995 Lands Act vests all land in the President for and on behalf of all the Zambian people. It provides that land may be administered under two tenure systems: statutory and customary tenure.

Statutory land is administered in accordance with written laws, by government officials, customary land is administered by traditional authorities based on unwritten and localised customary laws. Customary land is more easily, available to many poor and vulnerable groups of society it is not well documented and boundaries between chieftdom and individual customary landholders are not clear. The Lands Act also provides mechanisms for the conversion of customary land to statutory land. However, there are no provisions for the reverse.

CAP 184 of the Lands Act Section 7 recognizes the holding of Customary land tenures as follows;

**Section 7.** (1) Notwithstanding subsection (2) of section *thirty-two* but subject to section *nine*, every piece of land in a customary area which immediately before the commencement of this Act was vested in or held by any person under customary tenure shall continue to be so held and recognized and any provision of this Act or any other law shall not be so construed as to infringe any customary right enjoyed by that person before the commencement of this Act.

(2) Notwithstanding section *thirty-two*, the rights and privileges of any person to hold land under customary tenure shall be recognised and any such holding under the customary law applicable to the area in which a person has settled or intends to settle shall not be construed as an infringement of any provision of this Act or any other law except for a right or obligation which may arise under any other law.

### 13.0 Certification

We, **Martin Lengwe Sauti** and **Gregory Chapepwa Sinkamba**, do hereby certify as follows:-

- (a) that We have inspected the Buildings and Improvements, provided with necessary information and considered the relevant factors affecting their reinstatement cost;
- (b) that We and Sandridge Associates have no undisclosed or contemplated interest in the Assets valued;
- (c) that we are qualified Valuation Surveyors and licensed to practice by the Valuation Surveyors Registration Board in accordance with the Valuation Surveyors Act, Cap. 207 of the Laws of Zambia.

### 14.0 Publication

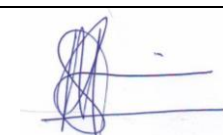




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### 15.0 Confidentiality

The Report and the values given have been provided for the stated purpose and for the sole use of **Brian Colquhoun Hugh O'Donnell and Partners**, and for the specific purpose to which it refers. It is confidential to the Company and their professional advisers in this matter. Consequently, Sandridge Associates and its employees accept no responsibility whatsoever to any third party for any loss, direct or consequential, which might arise from reliance on the report or any part of its contents.



## QUALITY ASSURANCE CONTROL PLAN

<b>CONSULTANT:</b> SANDRIDGE ASSOCIATES LIMITED		<b>REPORT</b>		
<b>PROJECT TITLE:</b> PROPERTY VALUATION CONSULTING SERVICES FOR THE RESETTLEMENT ACTION PLAN FOR THE REHABILITATION OF 161.5KM OF THE MPIKA – CHINSALI ROAD (T <sub>2</sub> ) IN MUCHINGA PROVINCE		<b>PROJECT IDENTIFICATION No:</b>		
<b>REPORT /DOCUMENT TITLE:</b>		<b>SUBMISSION DATES</b>		
<b>Document Status:</b>	<b>Initial Issue:</b> Draft Inception Report Presentation	<b>Issue Date:</b>	June, 2023	
<b>Document Status</b>	<b>Second Issue:</b> Complete draft Report (Soft Copy)	<b>Issue Date:</b>	16 <sup>th</sup> June, 2023	
<b>Document Status</b>	<b>Third Issue:</b> Final Valuation Report	<b>Issue Date:</b>	28 <sup>th</sup> June, 2023	
<b>Document Status</b>	<b>Fourth Issue:</b> Revised Final Valuation Report	<b>Issue Date:</b>	1 <sup>st</sup> December, 2023	
<b>Report prepared for:</b>	<b>Client's Name:</b> The Managing Director Brian Colquhoun Hugh O'Donnel and Partners Consulting Engineers, Plot No. 41, Mulungushi Road, Roma, P.O. Box 31943 Lusaka	<b>Contact Person:</b> <b>Mr. Tresphor Musonda</b> <b>Mobile:</b> 0977850421 <b>Tel No.:</b> +260211 233 039 <b>Email:</b> tresphor@bchodzam.com.zm		
The signatures below certify that this procedure has been reviewed and accepted, and demonstrates that the signatories are aware of all the requirements contained herein and are committed to ensuring their provision.				
<b>Approvals</b>	<b>Name</b>	<b>Position</b>	<b>Signature</b>	<b>Date</b>
<b>Compiled by</b>	Martin Lengwe Sauti	Team Leader/ Registered Valuation Surveyor		04/12/2023
<b>Reviewed by</b>	Gregory Chapepwa Sinkamba	Assistant Team Leader/ Registered Valuation Surveyor		04/12/2023
<b>Reviewed by</b>	Siliya Banda	Project Manager/Registered Valuation Surveyor		04/12/2023
<b>Reviewed by</b>	Monde Simwanza	Assistant Project Manager/Registered Valuation Surveyor		04/12/2023
<b>Reviewed by</b>	Oliver Mwansa Mpundu	Registered Valuation Surveyor		04/12/2023

## 16.0 Summary of Compensation Values for Structures and Trees of Economic Value

These are summarized in the schedule below: and the compensation values have been assessed taking into account all the relevant factors as at the date of valuation.

Item	Site ID	OIN	NRC No.	NAME	DISTRICT	AIN	QTY	ASSETS	VALUE	TOTAL PER PAP
1	L001	X0001	156006/45/1	LAWRENCE MINDEO MULENGA	MPIKA	L001C	1	Fence	1,160.00	<b>1,160.00</b>
2	L002	X0002	206130/45/1	OSWARD PALUNGA	MPIKA	L002A	1	Family House	6,681.51	<b>10,594.12</b>
								Veranda	162.61	
						L002B	1	Guava Tree	500.00	
						L002C	3	Mango Trees	3,000.00	
						L002D	1	Mexican Apple	250.00	
3	L002.1	X1210	153158/45/1	JUSTINA CHILESHE	MPIKA	L002.1A	2	Mango Trees	1,000.00	<b>1,250.00</b>
						L002.1B	1	Mexican Apple	250.00	
4	L003	X0003	183247/45/1	ROBERT MUMBA	MPIKA	L003A	1	Incomplete House	3,375.00	<b>3,375.00</b>
5	L004	X0004	139827/45/1	JACKLINE C. CHISANGA	MPIKA	L004A	1	Family House	89,100.00	<b>98,465.50</b>
						L004B	1	Kitchen	5,824.00	
						L004C	1	External Bathroom	924.00	
						L004D	1	Pit Latrine	1,417.50	
						L004E	1	Mango Tree	1,200.00	
6	L005	X0005	206131/45/1	DORIS PALUNGA	MPIKA	L005A	1	External Kitchen	2,486.88	<b>90,961.38</b>
						L005B	1	Family House	86,640.00	
								Veranda	1,053.00	

						L005C	1	Collapsed Bathroom	399.00	
						L005D	1	Collapsed Pit Latrine	382.50	
7	L005.1	X0006	206131/45/1	MACHIKO MUMBI	MPIKA	L005.1A	1	Family House	38,080.00	<b>38,080.00</b>
8	L006	X0007	270266/45/1	AGNESS PALUNGA	MPIKA	L006A	1	Family House	44,100.00	<b>56,137.30</b>
								Veranda	573.30	
						L006B	1	External Kitchen	2,750.00	
						L006C	1	External Bathroom	714.00	
						L006D	1	Avocado Tree	2,500.00	
						L006E	4	Mango Trees	4,000.00	
L006F	2	Mexican Apple	1,500.00							
9	L007	X0008	332415/43/1	MOSES PALUNGA	MPIKA	L007A	1	Family House	15,691.00	<b>28,248.50</b>
								Veranda	382.50	
						L007B	1	Pit Latrine	675.00	
						L007C	10	Mango Trees	10,000.00	
						L007D	2	Guava Tree	1,500.00	
10	L008	X0009	113498/45/1	MELITO MUKUKA	MPIKA	L008A	1	Family House	166,600.00	<b>189,420.00</b>
								Veranda	9,900.00	
						L008B	1	External Kitchen	4,600.00	
						L008C	1	Improved Toilet/Bathroom	7,820.00	
						L008D	2	Pine Trees	500.00	
11	L009	X0010	138369/45/1	BIBIAN MULENGA	MPIKA	L009A	1	Family House	261,440.00	<b>263,690.00</b>

								Veranda	2,250.00	
12	L010	X0011	244628/45/1	JONES NYIRONGO	MPIKA	L010A	2	Survey Beacons	1,000.00	<b>1,000.00</b>
13	L010.1	X0012	186019/16/1	YAMASHOTI SIMWINGA	MPIKA	L010.1A	8	Orange	400.00	<b>4,150.00</b>
						L010.1B	10	Paw Paw	1,500.00	
						L010.1C	15	Loquats	2,250.00	
14	L011	X0014	290596/16/1	ABRAHAM KABESHA CHINGALIKA	MPIKA	L011A	1	Shop	47,700.00	<b>56,085.00</b>
								Veranda	2,385.00	
						L011B	6	Pine Tree	6,000.00	
15	L012	X0093	183247/45/1	WILLIAM JERAMU MUTALE	MPIKA	L012A	1	Incomplete Family House	48,400.00	<b>48,400.00</b>
16	L012.1	X9010	-	LABAN SINKALA	MPIKA	L012.1A	8	Pine Tree	2,000.00	<b>3,200.00</b>
						L012.1B	24	Lemon Tree	1,200.00	
17	L013	X0047	160654/46/1	JOHN SIMWANZA	MPIKA	L013A	1	Office	15,840.00	<b>275,151.00</b>
						L013B	1	Insaka	1,075.00	
						L013D	1	Family House	192,601.50	
								Veranda	1,326.00	
						L013E	1	Shop	18,360.00	
								Veranda	994.50	
						L013F	1	Family House	34,104.00	
						L013H	15	Pine Trees	6,750.00	
						L013I	1	Reservoir	1,100.00	
L013J	1	Boundary Fence	3,000.00							

18	L014	X0016	154486/45/1	CECILIA BWALYA	MPIKA	L014A	1	Family House	37,490.00	<b>41,355.50</b>
								Veranda	379.50	
						L014B	1	External Kitchen	528.00	
						L014C	1	External Bathroom	798.00	
						L014D	1	Pit Latrine	2,160.00	
19	L015	X0017	445829/67/1	MUBANGA SATA	MPIKA	L015A	1	Family House	178,848.00	<b>179,539.20</b>
								Veranda	691.20	
20	L017	X0577	166951/45/1	JUSTINA MUTALE	MPIKA	L017A	1	Family House	28,700.00	<b>33,275.00</b>
						L017B	1	External Kitchen	2,887.50	
						L017C	1	External Bathroom	900.00	
						L017D	1	Pit Latrine	787.50	
21	L018	X0095	231467/45/1	DERICK KAFULA	MPIKA	L018A	1	External Kitchen	3,885.75	<b>3,885.75</b>
22	L019	X0048	218617/46/1	ERNEST CHILESHE	MPIKA	L019A	1	Family House	4,312.00	<b>4,543.00</b>
								Veranda	231.00	
23	L020	X1111	227964/45/1	KAYEMBWE MOSES	MPIKA	L020A	1	Poultry House	2,160.00	<b>142,681.44</b>
						L020B	1	Family House	89,175.20	
								Veranda	1,032.24	
						L020C	1	External Kitchen	2,100.00	
						L020D	1	External Bathroom	630.00	
						L020E	1	Pit Latrine	2,584.00	
L020F	1	Piggery	45,000.00							

24	L021	X0049	138094/45/1	MUKUKA CHRISTINA INGINI	MPIKA	L021A	1	Family House	28,050.00	<b>28,050.00</b>
25	L022	X0096	193525/46/1	EVANS CHANDA	MPIKA	L022A	1	Family House	2,359.50	<b>2,359.50</b>
26	L023	X0097	248799/47/1	RICHARD MUSAKANYA	MPIKA	L023A	1	Family House	32,958.75	<b>37,031.75</b>
						L023B	1	Pit Latrine	1,815.00	
						L023C	1	Mango Tree	1,200.00	
						L023D	1	Insaka	1,058.00	
27	L024	X0050	216951/46/1	GRACE CHILESHE	MPIKA	L024A	1	Family House	7,832.00	<b>7,832.00</b>
28	L025	X0019	152260/45/1	MARY CHISAKA	MPIKA	L025A	1	Family House	9,380.00	<b>9,380.00</b>
29	L025.1	X0053	294714/45/1	JOSEPHINE SITALI	MPIKA	L025.1A	1	Collapsed House (Foundation Only)	500.00	<b>4,260.00</b>
						L025.1B	2	Mango Trees	3,000.00	
						L025.1C	1	Mexican Apple Tree	760.00	
30	L026	X0052	153900/45/1	JENNIPHER KABUNGO	MPIKA	L026A	1	Family House	22,464.00	<b>49,546.80</b>
								Veranda	388.80	
						L026B	1	External Bathroom	836.00	
						L026C	20	Mango Trees	20,000.00	
						L026D	1	Collapsed House	2,156.00	
						L026E	3	Mexican Apple Trees	1,350.00	
						L026F	1	Collapsed Cooking Shelter	2,352.00	
31	L027	X0022	177046/61/1	SCHOLASTIC CHANDA	MPIKA	L027A	1	Family House	6,776.00	<b>7,776.00</b>
						L027B	1	Mango Tree	1,000.00	
32	L028	X0020	350008/45/1	DANIEL KATONGO	MPIKA	L028A	1	Shop	11,857.50	<b>53,920.00</b>

				(DECEASED) BENEFICIARY: MARY SAILI		L028B	1	Collapsed External Kitchen	675.00	
						L028C	1	Family House	37,800.00	
						L028D	1	External Bathroom	2,187.50	
						L028E	1	Pit Latrine	1,400.00	
33	L029	X0053	140834/45/1	JOSEPH CHILESHE	MPIKA	L029A	1	Incomplete Family House	3,487.50	<b>3,487.50</b>
34	L030	X0021	124318/471/1	YULIETA KALUBA	MPIKA	L030A	1	Family House	44,340.00	<b>51,581.12</b>
								Veranda	720.00	
						L030B	1	External Kitchen	4,421.12	
						L030C	1	External Bathroom	2,100.00	
35	L031	X0054	233197/45/1	LAZAROUS KABUSWE	MPIKA	L031A	1	Shop/Bar/House	184,896.00	<b>192,096.20</b>
								Veranda	5,200.20	
						L031B	2	Mango Trees	2,000.00	
36	L032	X0023	335073/47/1	CHILESHE CHISESA	MPIKA	L032A	1	Shop	4,500.00	<b>4,500.00</b>
37	L033	X1108	249529/45/1	MERCY MUTALE	MPIKA	L033A	1	Shop	29,155.00	<b>95,804.50</b>
						L033B	1	Family House	55,440.00	
								Veranda	1,485.00	
						L033C	1	External Kitchen	4,774.00	
						L033D	1	External Bathroom	448.00	
						L033E	1	Pit Latrine	1,402.50	
						L033F	2	Guava Trees	1,100.00	
L033G	2	Mango Trees	2,000.00							

38	L034	X0024	175128/45/1	BETWEEN CHIBUTA	MPIKA	L034A	1	Mango Tree	2,000.00	<b>3,500.00</b>
						L034B	1	Concrete Trading Stand	1,500.00	
39	L035	X0065	182750/45/1	CHRISTOPHER KABUSWE	MPIKA	L035A	1	Mango Tree	1,500.00	<b>2,000.00</b>
						L035B	1	Mexican Apple	500.00	
40	L036	X1109	124538/71/1	MANDALENA MWANSA	MPIKA	L036A	1	Family House	39,295.50	<b>49,743.50</b>
						L036B	9	Mango Trees	9,000.00	
						L036D	1	External Bathroom	448.00	
						L036E	2	Mexican Apple	1,000.00	
41	L037	X0057	187995/45/1	FRED PHIRI	MPIKA	L037A	1	Family House	8,008.00	<b>14,558.00</b>
						L037B	1	Guava Tree	550.00	
						L037C	6	Mango Trees	6,000.00	
42	L038	X0574	184193/45/1	SINATRA CHOTA	MPIKA	L038A	1	Family House	64,980.00	<b>79,623.00</b>
							Veranda	1,917.00		
						L038C	1	External Bathroom	1,320.00	
						L038D	1	Pit Latrine	1,200.00	
						L038F	1	Shop	10,206.00	
43	L039	X0973	140736/71/1	MARY MWANSA	MPIKA	L039A	1	Family House	96,696.00	<b>106,899.00</b>
							Veranda	1,053.00		
						L039B	1	Mango Tree	1,500.00	
						L039C	1	Mexican Apple Tree	500.00	
						L039D	1	Palm Tree	450.00	



						L039E	1	Pine Tree	1,000.00	
						L039F	2	Naartjie Trees	3,000.00	
						L039G	1	Moringa Tree	1,200.00	
						L039H	1	Lemon Tree	1,500.00	
44	L040	X1110	184240/17/1	GETRUDE NGULUBE	MPIKA	L040A	1	Family House	24,975.00	<b>56,100.00</b>
						L040C	1	Storeroom	7,665.00	
						L040D	15	Mango Trees	19,500.00	
						L040E	1	Workshop	3,960.00	
45	L041	X0026	136336/45/1	ALBINA MUTALE PIKAMU	MPIKA	L0041A	1	Family House	140,400.00	<b>141,361.25</b>
								Veranda	888.75	
						L0041D	1	Traditional Baking Oven	72.50	
46	L042	X0058	297369/64/1	HELLEN SHINONDO	MPIKA	L042A	1	Family House	452,100.00	<b>461,212.50</b>
								Veranda	9,112.50	
47	L043	X1161	167934/45/1	FRANCIS CHILESHE	MPIKA	L0043A	2	Survey Beacon	1,200.00	<b>3,150.00</b>
						L0043B	3	Pine Trees	1,950.00	
48	L044	X0055	173646/45/1	GODFREY MUTALE NGANDU	MPIKA	L044A	1	Restaurant	144,000.00	<b>262,829.80</b>
						L044B	1	Tank Stand	4,410.00	
						L044D	1	Family House	90,355.00	
								Veranda	1,264.80	
						L044H	1	Pit Latrine	1,800.00	
						L044I	1	Borehole	21,000.00	

49	L045	X0117	277571/75/1	WARREN KAMPAMBA	MPIKA	L045A	1	Family House	10,098.00	<b>30,039.00</b>
						L045B	1	Family House	19,941.00	
50	L046	X0025	187650/45/1	AARON MUSONDA	MPIKA	L046A	1	Family House	53,244.00	<b>79,513.00</b>
						L046B	1	External Bathroom	612.00	
						L046C	1	Pit Latrine	1,020.00	
						L046D	1	Failing Structure	722.00	
						L046E	1	Poultry Pen	11,055.00	
						L046F	1	Storeroom	12,210.00	
						L046G	1	Guava Tree	650.00	
51	L047	X0127	301808/43/1	CHARLES CHANDA	MPIKA	L047A	1	Shop	11,434.50	<b>13,934.50</b>
		X0118	275727/45/1	ALICE LUNGU		L047B	1	Avocado Tree	2,500.00	
52	L048	X0928	173646/45/1	GODFREY MUTALE NGANDU	MPIKA	L048A	1	Shop	51,607.50	<b>51,607.50</b>
53	L049	X0929	234471/45/1	LYDIA CHIPEPO	MPIKA	L049A	1	Shop	20,160.00	<b>21,360.00</b>
						L049B	1	Pit Latrine	1,200.00	
54	L050	X0930	-	BEAUTY MUSONDA	MPIKA	L050A	1	Shop	8,925.00	<b>8,925.00</b>
55	L051	X1212	172879/45/1	GRACE MULENGA KALUBA/MAMA WAWILI RESTAURANT	MPIKA	L051A	1	Restaurant	63,140.00	<b>104,978.00</b>
						L051B	1	House	38,250.00	
						L051C	1	External Bathroom	2,288.00	
						L051D	1	Fence	1,300.00	
56	L052	X0080	258138/45/1	BRIAN MUSONDA NSOFWA	MPIKA	L052A	1	Block of Shops	60,800.50	<b>102,086.91</b>
								Veranda	3,654.41	

						L052B	1	Bathing Shelter	882.00	
						L052C	1	Guest House	36,750.00	
57	L053	X0079	165908/45/1	JOSEPHINE MWANSA	MPIKA	L053A	1	Shop	9,222.50	<b>11,622.50</b>
						L053B	2	Mango Tree	2,400.00	
58	L054	X0078	187650/45/1	AARON MUSONDA	MPIKA	L054A	1	Shop	39,375.00	<b>52,380.00</b>
								Storeroom	4,725.00	
						L054B	1	Pit Latrine	8,280.00	
59	L055	X0077	166783/66/1	MWANSA JOYCE	MPIKA	L055A	1	Shop	11,900.00	<b>11,900.00</b>
60	L056	X0076	354248/45/1	ABRAHAM MUSAKANYA MUKUKA	MPIKA	L056a	1	Shop	16,537.50	<b>16,537.50</b>
61	L056.1	X0025	187650/45/1	AARON MUSONDA	MPIKA	L056.1A	1	Shop	53,320.00	<b>55,120.00</b>
						L056.1B	1	Insaka	1,800.00	
62	L057	X1207	300696/45/1	FRANCIS MWANSA	MPIKA	L057A	1	Pit Latrine	2,484.00	<b>2,484.00</b>
63	L057.1	X0073	301293/45/1	SYDNEY BWALYA	MPIKA	L057.1A	1	Family House	25,194.00	<b>25,194.00</b>
64	L058	X0111	301293/45/1	SYDNEY BWALYA	MPIKA	L058A	1	Shop	10,815.75	<b>11,955.75</b>
						L058B	1	Pit Latrine	1,140.00	
65	L059	X0073	176335/45/1	TRESFORD MALOMBA	MPIKA	L059A	1	Family House	77,658.00	<b>79,638.00</b>
						L059B	1	Pit Latrine	1,980.00	
66	L060	X0119	245821/45/1	SUSEN KASOLA	MPIKA	L060A	1	Family House	37,632.00	<b>43,599.00</b>
						L060B	1	Family House	5,967.00	
67	L061	X0075	GRZ	DANGER HILL COOPERATIVE	MPIKA	L061A	1	Concrete Slab	8,107.00	<b>8,107.00</b>
68	L062	X0076	182951/17/1	CHIPO KALIMA	MPIKA	L062A	1	Incomplete Insaka	53,655.00	<b>55,815.00</b>

						L062B	1	Survey Beacons	2,160.00	
69	L063	X0078	N/A	MAZINGO INVESTMENTS LIMITED	MPIKA	L063A	1	Guard House	7,854.00	<b>213,254.00</b>
						L063B	1	Fence (Timber poles /barbed wire) Concrete Block Wall Fence	200,000.00	
									3,600.00	
						L063C	3	Pine Trees	1,800.00	
70	L064	X0064	-	CHASHI ALBERT	MPIKA	L064A	1	Family House	1,620.00	<b>1,620.00</b>
71	L065	X1438	278583/46/1	AARON MUTALE/MERCY MUKUPA	MPIKA	L065A	1	Collapsed Family House	851.00	<b>851.00</b>
72	L066	X0081	249721/45/1	MERCY MUSHILI MULENGA	SHIWANG'ANDU	L066A	1	Family House	33,600.00	<b>43,419.00</b>
								Incomplete Extension	3,744.00	
						L066B	1	Incomplete Family House	6,075.00	
73	L067	X1442	225193/45/1	SYLVIA CHILESHE	SHIWANG'ANDU	L067A	1	Shop	30,000.00	<b>67,365.00</b>
								Veranda	900.00	
						L067B	1	Hammer Mill Shed	36,465.00	
74	L068	X0083	199832/46/1	ANDREW KABWE	SHIWANG'ANDU	L068A	1	Shop	14,880.00	<b>14,880.00</b>
75	L069	X1440	184396/45/1	BALOS KABWE	SHIWANG'ANDU	L069A	1	Shop	14,663.00	<b>52,053.00</b>
						L069B	1	Pit Latrine	5,500.00	
						L069C	1	External Bathroom	840.00	
						L069D	1	Shop	31,050.00	
76	L070	X0084	221573/45/1	JAMES MUTALE NDOTA	SHIWANG'ANDU	L070A	1	Shop	23,715.00	<b>23,715.00</b>
77	L071	X0086	156560/46/1	FRIDAH MFULA	SHIWANG'ANDU	L071A	1	Shop	28,800.00	<b>57,412.80</b>
								Veranda	1,468.80	

						L071B	1	Family House/Shop	26,176.00	
						L071C	1	External Bathroom	968.00	
78	L072	X0087	264221/45/1	SANDRA MULENGA	SHIWANG'ANDU	L072A	1	Shop	8,330.00	<b>8,330.00</b>
79	L073	X1125	187256/45/1	STEPHANIA CHIBULU	SHIWANG'ANDU	L073A	1	Shop	24,225.00	<b>24,225.00</b>
80	L074	X0089	209304/43/1	MAJORY MUTALE KABWE	SHIWANG'ANDU	L074A	1	Shop	50,286.00	<b>52,761.00</b>
						L074B	1	Pit Latrine	2,475.00	
81	L075	X0090	358985/45/1	AVARON CHISANGA	SHIWANG'ANDU	L075A	1	Shop	24,000.00	<b>24,900.00</b>
								Veranda	900.00	
82	L076	X0091	180225/46/1	OBED MUKUKA/LIVINJO MULENGA	SHIWANG'ANDU	L076A	1	Shop	23,920.00	<b>28,760.00</b>
						L076B	1	External Bathroom	4,000.00	
						L076C	1	Pit Latrine	840.00	
83	L077	X0090	258985/45/1	AVARON CHISANGA/BEVERLY CHISANGA	SHIWANG'ANDU	L077A	1	Shop	22,876.00	<b>22,876.00</b>
84	L078	X0556	144307/46/1	BINWELL MUNYANA	SHIWANG'ANDU	L078A	1	Shop	39,644.00	<b>41,573.30</b>
								Veranda	729.30	
						L078B	1	Pit Latrine	1,200.00	
85	L079	X0079	180396/46/1	LEONARD KAMPAMBA	SHIWANG'ANDU	L079A	1	Shop	37,200.00	<b>40,400.00</b>
								Veranda	900.00	
						L079B	1	Pit Latrine	1,500.00	
						L079C	1	External Bathroom	800.00	
86	L080	X0558	199832/46/1	ANDREW KABWE	SHIWANG'ANDU	L080A	1	Shop	10,200.00	<b>10,582.50</b>

								Veranda	382.50			
87	Lo81	X0560	221275/46/1	ROYDAH CHANDA	SHIWANG'ANDU	Lo81A	1	Family House	32,427.50	<b>36,456.61</b>		
								Veranda	669.38			
								Lo81B	1		Insaka	1,709.73
								Lo81C	1		Pit Latrine	1,650.00
88	Lo82	X0973	221275/46/1	ANDREW MULENGA	SHIWANG'ANDU	Lo82A	1	Grave Site with Head Stone	18,500.00	<b>18,500.00</b>		
89	Lo83	X0950	325595/45/1	IGNATIUS MUKOSEKELA	SHIWANG'ANDU	Lo83A	1	Shop	5,746.00	<b>6,804.00</b>		
								Lo83B	1		Insaka	1,058.00
90	Lo84	X0951	263935/45/1	CECILIA BWALYA	SHIWANG'ANDU	Lo84A	1	Family House	7,106.00	<b>7,650.00</b>		
								Lo84B	1		External Bathroom	544.00
91	Lo85	X0567	155933/46/1	BENARD BWALYA	SHIWANG'ANDU	Lo085A	1	Family House	75,182.50	<b>75,182.50</b>		
92	Lo86	X0569	343511/46/1	FRANCIS MUBANGA	SHIWANG'ANDU	Lo86A	1	Family House	5,159.00	<b>5,159.00</b>		
93	Lo87	X0954	159543/46/1	GILBERT KAFULA	MPIKA	Lo87A	1	Family House	8,670.00	<b>8,670.00</b>		
94	Lo88	X0955	266248/45/1	GIVEN CHANDA	SHIWANG'ANDU	Lo88A	1	Shop	7,828.50	<b>8,278.50</b>		
								Lo88B	1		Mango Tree (Immature)	450.00
95	Lo89	X1133	297475/45/1	GRACIOUS MWABA	MPIKA	Lo89A	1	Family House	7,344.00	<b>7,344.00</b>		
96	Lo90	X0571	280790/46/1	PEGGY LUNGU	SHIWANG'ANDU	Lo90A	1	Shop	10,455.00	<b>10,455.00</b>		
97	Lo91	X0572	207899/46/1	FRED MANDO	SHIWANG'ANDU	Lo91A	1	Shop	13,438.50	<b>13,438.50</b>		
98	Lo92	X0957	219080/46/1	MAYBIN MWANSA	MPIKA	Lo092A	1	Family House	14,025.00	<b>14,025.00</b>		
99	Lo93	X0958	269718/45/1	BRIAN MPANDE	SHIWANG'ANDU	Lo93A	1	Family House	14,662.50	<b>14,662.50</b>		
100	Lo94	X0959	204629/61/1	ABEL A. MULENGA	SHIWANG'ANDU	Lo94A	1	Shop	25,245.00	<b>25,295.00</b>		

						L094C	1	Mexican Apple Seedling	50.00	
101	L095	X0959	147505/46/1	HENRY KANGWA	SHIWANG'ANDU	L095A	1	Shop	30,800.00	<b>33,425.00</b>
						L095B	1	Insaka	2,625.00	
102	L096	X0962	220190/46/1	VICTOR MULENGA	SHIWANG'ANDU	L096A	1	Shop	4,634.50	<b>4,634.50</b>
103	L097	X0962	143697/45/1	ROMAN CATHOLIC CHURCH (FREDERICK MALAMA)	SHIWANG'ANDU	L097A	1	Church	96,390.00	<b>102,620.25</b>
								Veranda	380.25	
						L097B	1	Insaka	5,400.00	
						L097C	1	Guava Tree	450.00	
104	L098	X0963	154572/46/1	JUDITH KASALWE	SHIWANG'ANDU	L098A	1	Eucalyptus Tree	1,200.00	<b>44,206.00</b>
						L098B	1	External Kitchen	4,396.00	
						L098C	1	Shallow Well (16 metres deep)	10,000.00	
						L098D	3	Avocado Trees	210.00	
						L098E	117	Banana Suckers	23,400.00	
						L098F	6	Mango Trees	2,100.00	
						L098G	5	Pine Trees	2,250.00	
						L098H	1	Mexican Apple	650.00	
105	L099	X0964	309808/13/1	PATRICK CHIKWENDA	MPIKA	L099A	1	Shop	12,000.00	<b>22,200.00</b>
								Veranda	900.00	
						L099B	2	Pine Trees	100.00	
						L099C	1	Pit Latrine	1,200.00	
						L099D	1	Shallow Well	8,000.00	

106	L099.1	X0997	199675/68/1	DONALD SABI	SHIWANG'ANDU	L099.1A	7	Pine Trees	8,400.00	<b>8,400.00</b>
107	L099.2	X1752	309808/13/1		SHIWANG'ANDU	L099.2A	3	Eucalyptus Tree	3,600.00	<b>3,600.00</b>
108	L100	X0982	233527/45/1	SHADRECK NKOLA	MPIKA	L100A	1	Shop	19,822.00	<b>19,822.00</b>
109	L101	X0981	110899/13/1	CHILUBA CHISUNKE	SHIWANG'ANDU	L101A	1	Family House	21,505.00	<b>26,735.50</b>
						L101B	1	External Kitchen	2,380.50	
						L101D	1	Pit Latrine	2,200.00	
						L101E	1	Guava Tree	650.00	
110	L102	X0980	260475/46/1	AARON NGOSA	SHIWANG'ANDU	L102A	1	Family House	4,900.50	<b>6,139.50</b>
						L102B	1	External Bathroom	576.00	
						L102C	1	Pit Latrine	663.00	
111	L103	X0979	199659/46/1	AGNESS BWALYA	SHIWANG'ANDU	L103A	1	Shop	14,000.00	<b>14,000.00</b>
112	L104	X0978	227694/45/1	NOBERT MULENGA	SHIWANG'ANDU	L104A	1	Shop	9,657.00	<b>10,656.00</b>
								Veranda	999.00	
113	L105	X0978	220190/46/1	VICTOR MULENGA	MPIKA	L105A	1	Shop	17,612.00	<b>17,612.00</b>
114	L106	X0976	199400/46/1	MARTIN MUSONDA	SHIWANG'ANDU	L106A	1	Shop	12,276.00	<b>12,276.00</b>
115	L107	X0975	161857/46/1	GRACE MUBANGA	MPIKA	L107A	1	Shop/House	72,044.00	<b>79,148.30</b>
								Veranda	232.05	
						L107B	1	Shop	6,451.50	
								Veranda	420.75	
116	L108	X1012	247481/45/1	PRECIOUS NALUNGWE	SHIWANG'ANDU	L108A	1	Family House	8,855.00	<b>10,305.00</b>
						L108B	1	External Kitchen	1,100.00	



						L108D	1	Avocado Trees	350.00	
117	L109	X1013	247481/45/1	ALEXANDER MWANSA	SHIWANG'ANDU	L109A	1	Family House	1,050.00	<b>5,000.00</b>
						L109B	2	Mango Trees	2,000.00	
						L109C	13	Banana Suckers	1,950.00	
118	L110	X0990	122351/46/1	MICHAEL MALIMA	MPIKA	L110A	1	Family House 1	28,832.00	<b>64,962.00</b>
						L110B	1	Pit Latrine	1,980.00	
						L110C	1	External Shower	800.00	
						L110D	140	Bananas	21,000.00	
						L110E	3	Mango Trees	3,600.00	
						L110F	3	Guava Trees	1,950.00	
						L110H	1	Family House 2	6,800.00	
119	L111	X0993	221355/46/1	CHRISTOPHER KUNDA	SHIWANG'ANDU	L111A	1	Shop	11,970.00	<b>11,970.00</b>
120	L112	X0994	141681/46/1	JOSEPH NG'ONA	SHIWANG'ANDU	L112A	1	Family House	47,685.00	<b>56,131.00</b>
						L112B	2	Pine Trees	1,300.00	
						L112C	1	Insaka	1,872.00	
						L112D	1	External Bathroom	720.00	
						L112E	1	Pit Latrine	4,554.00	
121	L113	X0995	199655/46/1	THRESSA BWALYA	SHIWANG'ANDU	L113A	1	External Kitchen	8,874.00	<b>13,449.00</b>
						L113C	1	Pit Latrine	1,875.00	
						L113H	1	Mango Trees	1,000.00	
						L113I	2	Guava Trees	1,500.00	

							1		200.00	
122	L114	X0996	199660/46/1	EVANS KABUSWE	SHIWANG'ANDU	L114A	1	Family House	93,337.50	<b>93,337.50</b>
123	L115	X0998	255458/11/1	MARY SAULIMBO	SHIWANG'ANDU	L115A	1	Family House	138,290.00	<b>140,280.55</b>
								Veranda	1,640.55	
						L115B	1	Mexican Apple	350.00	
124	L116	X0999	187611/46/1	PETRONELLA NKOLE	SHIWANG'ANDU	L116A	1	Family House	131,644.00	<b>137,094.00</b>
						L116D	4	Mango Trees	4,800.00	
						L116E	1	Guava Tree	650.00	
125	L117	X1000	187611/46/1	PETRONELLA NKOLE	SHIWANG'ANDU	L117A	1	Shop	48,360.00	<b>52,729.00</b>
								Veranda	3,069.00	
						L117D	1	Mexican Apple	1,300.00	
126	L119	X1002	187629/46/1	PAUL MWABA	SHIWANG'ANDU	L119A	1	Shop	15,785.00	<b>33,044.00</b>
								Veranda	1,150.05	
						L119B	1	Shop	15,015.00	
								Veranda	1,093.95	
127	L120	X1003	332120/64/1	RUTH CHIPOYA	SHIWANG'ANDU	L120a	1	Shop	15,180.00	<b>16,546.20</b>
								Veranda	1,366.20	
128	L121	X1004	289512/46/1	PETER BWALYA	SHIWANG'ANDU	L121A	1	Block of Shops	39,600.00	<b>43,164.00</b>
								Veranda	3,564.00	
129	L122	X1005	199659/46/1	AGNESS BWALYA CHIKWANDA	SHIWANG'ANDU	L122A	1	Block of Shops	136,471.50	<b>146,481.50</b>
								Veranda	10,010.00	

130	L123	X1006	199661/46/1	CYNTHIA BWALYA	SHIWANG'ANDU	L123A	1	Shop	34,083.50	<b>36,421.55</b>
								Veranda	2,338.05	
131	L124	X1007	199662/46/1	AGNESS KABUSWE	SHIWANG'ANDU	L124A	1	Block of Shops	119,700.00	<b>121,912.00</b>
								Veranda	1,200.00	
						L124C	1	External Bathroom	1,012.00	
132	L125	X1008	202666/13/1	THOMAS CHILESHE	SHIWANG'ANDU	L125A	1	Shop	15,884.00	<b>15,884.00</b>
133	L126	X1009	199660/46/1	EVANS KABUSWE	SHIWANG'ANDU	L126A	1	Shop	17,503.75	<b>17,503.75</b>
134	L127	X1010	199662/46/1	EUNICE KANGWA	SHIWANG'ANDU	L127A	1	Shop	14,643.20	<b>15,844.40</b>
								Veranda	1,201.20	
135	L128	X1011	245057/45/1	EUSTO BWALYA	SHIWANG'ANDU	L128A	1	Block of Shops	79,200.00	<b>84,870.00</b>
								Veranda	5,670.00	
136	L129	X0594	220189/46/1	CHRISTOPHER CHANDA	SHIWANG'ANDU	L129A	1	Shop	10,799.25	<b>11,163.25</b>
						L129B	1	External Bathroom	364.00	
137	L130	X0595	257582/51/1	JUSTIN BANDA	SHIWANG'ANDU	L130A	1	Shop	5,622.75	<b>5,622.75</b>
138	L131	X0593	187562/46/1	NELSON KAMPAMBA	SHIWANG'ANDU	L131A	1	Shop	9,165.60	<b>14,123.11</b>
								Veranda	1,107.51	
						L131B	2	Guava Tree	500.00	
						L131C	1	Mango Tree	950.00	
						L131D	1	Avocado Tree	1,200.00	
						L131E	1	Paw Paw	1,200.00	
139	L132	X0592	160512/46/1	FELIX KAMPAMBA	SHIWANG'ANDU	L132A	1	Shop	24,395.00	<b>75,237.75</b>

								Veranda	2,103.75	
								Family House	48,739.00	
140	L132.1	X0591	GRZ	LWANYA PRIMARY SCHOOL	SHIWANG'ANDU	L132.1A	4	Pine Trees	4,000.00	<b>9,800.00</b>
						L132.1B	4	Mango Trees	4,000.00	
						L132.1C	4	Guava Trees	1,800.00	
141	L132.2	X0600	125538/47/1	JOHN CHANDA	MPIKA	L132.2A	1	Family House	20,400.00	<b>20,850.00</b>
						L132.2B	1	Mango Trees	450.00	
142	L133	X0128	123072/65/1	CHILESHE MULENGA	MPIKA	L133A	1	Family House	15,300.00	<b>23,939.52</b>
						L133B	1	External Shower	1,200.00	
						L133E	1	Insaka	3,039.52	
						L133F	4	Mango Trees	4,400.00	
143	L136	X0603	129893/65/1	ALEX BWALYA	SHIWANG'ANDU	L134B	8	Mango Trees	7,200.00	<b>7,200.00</b>
144	L135	X1021	118509/46/1	ELIZABETH KATONGO	SHIWANG'ANDU	L135A	1	Shop	18,326.00	<b>19,862.15</b>
								Veranda	1,536.15	
145	L136	X1029	112821/64/1	COMMUNITY	SHIWANG'ANDU	L136A	1	Borehole (Hand Pumped)	25,000.00	<b>25,065.00</b>
						L136B	1	Pine Tree	65.00	
146	L137	X1024	187460/46/1	OSCAR MUTALE	SHIWANG'ANDU	L137A	1	Shop	43,146.00	<b>48,906.00</b>
						L137B	1	External Bathroom	5,760.00	
147	L138		204406/46/1	OSCAR MUTALE	SHIWANG'ANDU	L138A	1	Shop	14,784.00	<b>14,784.00</b>
148	L139	X1026	259549/46/1	CHILESHE FRANCIS MALAMA	SHIWANG'ANDU	L139A	1	Incomplete Shop	14,280.00	<b>14,280.00</b>
149	L140	X1027	218118/46/1	FRANK CHIBULU	SHIWANG'ANDU	L140A	1	Family House	4,125.00	<b>10,625.00</b>

						L140B	1	Guava Tree	650.00	
						L140C	2	Pine Tree	700.00	
						L140D	2	Jamun (Misiniga) Tree	1,000.00	
						L140E	1	Avocado	650.00	
						L140F	2	Mango Tree	2,400.00	
						L140G	2	Mexican Apple	1,100.00	
150	L141	X1028	249449/46/1	CHILESHE FRANCIS MALAMA	SHIWANG'ANDU	L141A	1	Shop	14,400.00	<b>14,400.00</b>
151	L142	X1029	197484/46/1	LIGHTSON MWEMBO	SHIWANG'ANDU	L142A	1	Shop	17,280.00	<b>17,280.00</b>
152	L143	X1030	199704/46/1	JOHN PHIRI	SHIWANG'ANDU	L143A	1	Bar	19,778.00	<b>22,512.50</b>
								Veranda	1,534.50	
						L143B	1	Pit Latrine	1,200.00	
153	L144	X1031	249491/46/1	NATHAN MWANSA	SHIWANG'ANDU	L144A	1	Bar	17,226.00	<b>17,226.00</b>
154	L145	X1032	218118/46/1	BRIGHT BWALYA	SHIWANG'ANDU	L145A	1	Bar	13,036.80	<b>13,036.80</b>
155	L146	X1033	218128/46/1	PURITY BWALYA	SHIWANG'ANDU	L146A	1	Shop	8,820.00	<b>8,820.00</b>
156	L147	X1034	222899/46/1	KELVIN MABO	SHIWANG'ANDU	L147A	1	Barber Shop	8,820.00	<b>8,820.00</b>
157	L148	X1035	331479/43/1	ROSARIA MALAMA	SHIWANG'ANDU	L148A	1	Shop	13,104.00	<b>13,104.00</b>
158	L149	X1036	249072/46/1	MARY MUTALE	SHIWANG'ANDU	L149A	1	Shop	7,200.00	<b>7,200.00</b>
159	L150	X1037	154476/46/1	RUTH MUMAMBA	SHIWANG'ANDU	L150A	1	Shop	24,300.00	<b>25,515.00</b>
								Veranda	1,215.00	
160	L151	X1038	245936/45/1	CHARLES MULENGA	SHIWANG'ANDU	L151A	1	Shop	16,200.00	<b>17,400.00</b>
						L151B	1	Pit Latrine	1,200.00	

161	L152	X1039	249007/46/1	BENSON CHISEA	SHIWANG'ANDU	L152A	1	Shop	12,600.00	<b>12,600.00</b>		
162	L153	X1040	249488/46/1	SUSAN MULENGA	SHIWANG'ANDU	L153A	1	Shop	12,600.00	<b>12,600.00</b>		
163	L154	X1041	249725/46/1	SYLVIA MWIMBA	SHIWANG'ANDU	L154A	1	Shop	20,790.00	<b>21,357.00</b>		
								Veranda	567.00			
164	L155	X1076	109001/95/1	VICTOR SINKANYIKA	SHIWANG'ANDU	L155A	1	Shop	9,116.25	<b>33,345.50</b>		
						L155B	1	Fence	1,535.00			
						L155C	1	Water Well (15m Deep)	10,000.00			
						L155D	1	External Kitchen	5,444.25			
						L155E	5	Mango Tree	3,750.00			
						L155F	2	Lemon Tree	2,400.00			
						L155G	1	Pine Tree	1,000.00			
						L155H	2	Mulberry Tree	100.00			
165	L156	X1043	218070/46/1	THOMAS CHILUBA	SHIWANG'ANDU	L156A	1	Shop	19,000.00	<b>19,000.00</b>		
166	L157	X1044	137777/63/1	SHADRECK CHILUBA	SHIWANG'ANDU	L157A	1	Shop	19,080.00	<b>19,080.00</b>		
167	L158	X1431	144063/45/1	JOSPHAT TUNDUMA CHANDA	SHIWANG'ANDU	L158A	1	Collapsed Shop	7,680.00	<b>7,680.00</b>		
168	L159	X1046	187421/46/1	OSCAR CHIPUTA	SHIWANG'ANDU	L159A	1	Shop	18,119.50	<b>18,119.50</b>		
169	L160	X1047	187426/46/1	ERNST NGOWANI	SHIWANG'ANDU	L160A	1	Shop	39,690.00	<b>44,403.80</b>		
								Verandas	1,963.80			
								L160C	4		Banana Sucker (4No.)	600.00
								L160D	1		Avocado	2,000.00
								L160E	1		Mexican Apple	150.00

170	L161	X0622	200053/46/1	GIDEON MULENGA	SHIWANG'ANDU	L161A	1	Pit Latrine	4,000.00	<b>17,935.00</b>
						L161B	1	Shallow Well (10metres deep)	12,000.00	
						L161C	1	Fence	1,385.00	
						L161D	1	Mexican Apple	550.00	
171	L162	X0621	249470/46/1	STERNLY SHULA	SHIWANG'ANDU	L162A		Shop	6,084.00	<b>6,084.00</b>
172	L163	X0620	142634/46/1	CLEMENTINA CHIMI	SHIWANG'ANDU	L163A	1	Shop	13,734.00	<b>13,734.00</b>
173	L164	X0619	262432/45/1	CHRISTOPHER BWALYA	SHIWANG'ANDU	L164A	1	Shop	5,175.00	<b>5,175.00</b>
174	L165	X0618	207264/46/1	VIOLET KANGWA	SHIWANG'ANDU	L165A	1	Shop	4,554.00	<b>4,554.00</b>
175	L166	X0619	241060/45/1	CHRISTOPHER CHISEBA	SHIWANG'ANDU	L166A	1	Shop	13,975.50	<b>52,971.60</b>
						L166B	1	Hummer Mill Building	21,285.00	
								Veranda	331.10	
L166D	1	House	17,380.00							
176	L167	X0616	257528/45/1	PROMISE NGANDU	SHIWANG'ANDU	L167A	1	Shop	63,954.00	<b>69,497.70</b>
								Veranda	2,356.20	
						L167B	1	Pit Latrine	3,187.50	
177	L167.1	X9060	GRZ	BYWELL COMMUNITY BOREHOLE	SHIWANG'ANDU	L167.1A	1	Borehole fitted with hand pump	25,000.00	<b>25,000.00</b>
178	L168	X0615	435516/11/1	BIBIAN CHAMA	SHIWANG'ANDU	L168A	1	Block of Shops	108,108.00	<b>117,593.85</b>
								Veranda	9,485.85	
179	L169	X0614	137777/63/1	SHADRICK CHILUBA	SHIWANG'ANDU	L169A	1	Shop	123,516.00	<b>270,145.80</b>
								Veranda	4,822.20	
						L169B	1	Family House	118,716.00	

								Veranda	1,173.60			
						L169C	1	External Kitchen	5,684.00			
						L169E	1	Shallow Well	13,000.00			
						L169F	1	Pit Latrine	3,234.00			
180	L170	X0613	218070/46/1	THOMAS CHILUBA	SHIWANG'ANDU	L170A	1	Barbershop	13,310.00	<b>13,310.00</b>		
181	L171	X0612	147469/46/1	DICKEN CHIKONTA	SHIWANG'ANDU	L171A	1	Shop	10,863.00	<b>11,725.65</b>		
								Veranda	862.65			
182	L172	X0611	117751/45/1	FRANK MUTALE	SHIWANG'ANDU	L172A	1	Shop	27,265.00	<b>28,678.00</b>		
								L172B	1		Insaka	1,413.00
183	L173	X0624	168264/46/1	EVALYN MUTALE	SHIWANG'ANDU	L173A	1	Shop	13,513.50	<b>14,423.06</b>		
								Veranda	909.56			
184	L174	X0626	162839/46/1	PASCALE SAMPA	SHIWANG'ANDU	L174A	1	Shop	10,780.00	<b>10,780.00</b>		
185	L175	X0610	187512/46/1	KINGFORD CHILUBA	SHIWANG'ANDU	L175A	1	Shop	25,803.00	<b>25,803.00</b>		
186	L176	X0625	125026/46/1	ANNIE CHAMA	SHIWANG'ANDU	L176A	1	Family House	66,612.00	<b>75,312.00</b>		
								L176B	1		Mango Tree	1,200.00
								L176C	50		Banana Suckerrs	7,500.00
187	L 177	X0177	172388/11/1	JAMESON NGANDU	SHIWANG'ANDU	L177A	1	Shop	18,963.00	<b>19,582.20</b>		
								Veranda	619.20			
188	L178	X0608	198975/13/1	MAXWEL MFULA	SHIWANG'ANDU	L178A	1	Shop	15,372.00	<b>15,372.00</b>		
189	L179	X0607	131612/45/1	DELUX CHILESHE	SHIWANG'ANDU	L179A	1	Shop	11,484.00	<b>11,484.00</b>		
190	L180	X0606	187722/46/1	AUGUSTINE KAPOLYO	SHIWANG'ANDU	L180A	1	Bar	36,570.00	<b>79,648.50</b>		



								Veranda	5,485.50	
						L180B	1	Incomplete Block of Shops	35,568.00	
						L180C	1	Pit Latrine	2,025.00	
191	L181	X0605	214625/42/1	JOHN CHEWE	SHIWANG'ANDU	L181A	1	Bar	62,846.00	<b>75,322.70</b>
								Veranda	2,954.70	
						L181B	1	Pit Latrine	9,522.00	
192	L182	X0628	117144/61/1	EMERIA CHILAISHA	SHIWANG'ANDU	L182A	1	Shop	92,988.00	<b>97,293.00</b>
								Veranda	4,305.00	
193	L183	X0629	160263/46/1	OLIVER NSOFWA CHEWE	SHIWANG'ANDU	L183A	1	Family House	64,400.60	<b>125,376.59</b>
								Veranda	744.15	
						L183B	1	Shop	26,252.25	
								Veranda	2,229.59	
						L183C	200	Banana Suckers	30,000.00	
						L183D	1	External Bathroom	1,200.00	
						L183E	1	Mexican Apple	550.00	
194	L184	X0630	184832/35/1	GLADYS MWAMBA	SHIWANG'ANDU	L184A	1	Shop	9,000.00	<b>90,564.25</b>
						L184B	1	Family House	69,538.50	
								Veranda	250.75	
						L184C	1	External Kitchen	3,575.00	
						L184D	1	Water Well (6 m Deep)	8,000.00	
						L184F	1	Mexican Apple	200.00	

195	L185	X0631	134337/46/1	SUNDAY MUSENGA KASONGO	SHIWANG'ANDU	L185A	1	Family House	19,868.75	<b>20,254.44</b>
								Veranda	385.69	
196	L186	X1136	147187/46/1	STEVEN MUTALE	SHIWANG'ANDU	L186A	1	Collapsed Family House	5,250.00	<b>5,250.00</b>
197	L187	X0187	205385/45/1	NAOMI KATONGO	SHIWANG'ANDU	L187A	1	Collapsed Family House	4,000.00	<b>4,000.00</b>
198	L188	X0632	124766/17/1	RAMES MULENGA	SHIWANG'ANDU	L188A	1	Block of Shops	148,784.00	<b>161,332.80</b>
								Veranda	11,260.80	
								Storeroom	1,288.00	
199	L189	X1048	147204/46/1	EVELYN KANGWA	SHIWANG'ANDU	L189A	1	Boundary Fence	33,705.00	<b>767,336.13</b>
						L189B	1	Bar	81,150.00	
						L189C	1	Conference Hall/Kichen	649,750.00	
								Verandas	2,731.13	
200	L190	X0633	230229/46/1	COMMUNITY CHURCH (PASTOR:STEVEN CHIBESA)	SHIWANG'ANDU	L190A	1	Church	154,000.00	<b>154,000.00</b>
201	L190.1	X1049	230229/46/1	MINISTRY OF EDUCATION (PHILIP PRIMARY SCHOOL)	SHIWANG'ANDU	L190.1A	5	Eucalyptus Trees	5,500.00	<b>16,500.00</b>
						L190.1B	10	Eucalyptus Trees	11,000.00	
202	L191	X0633	234199/46/1	EVANS KALUBA	SHIWANG'ANDU	L191A	1	Bar	27,144.00	<b>27,144.00</b>
203	L192	X0633	234199/46/1	EVANS KALUBA	SHIWANG'ANDU	L192A	1	Family House	34,160.00	<b>34,160.00</b>
204	L193	X0635	143113/46/1	STEWART CHANDA	SHIWANG'ANDU	L193A	1	Family House	31,752.00	<b>34,152.00</b>
						L193D	2	Eucalyptus Tree	2,400.00	
205	L194	X0637	287769/33/1	FELIX KALOBWE	SHIWANG'ANDU	L194A	1	Family House	37,950.00	<b>38,557.50</b>
								Veranda	607.50	

206	L195	X0638	147404/46/1	RUTH MUKUPA	SHIWANG'ANDU	L195A	1	Family House	14,175.00	<b>16,135.00</b>
						L195B	1	External Bathroom	880.00	
						L195C	1	Pit Latrine	1,080.00	
207	L196	X0639	219463/46/1	GERTRUDE MUTALE	SHIWANG'ANDU	L196A	1	Family House	33,000.00	<b>33,000.00</b>
208	L197	X1050	109015/56/1	FRACKSON ZIMBA	SHIWANG'ANDU	L197A	1	Family House	83,232.00	<b>280,393.00</b>
						L197C	1	Family House	83,538.00	
						L197F	1	Family House	80,937.00	
						L197G	1	Shop/Bar	21,120.00	
						L197H	1	Avocado Tree	1,500.00	
						L197I	1	External Bathroom	756.00	
						L197J	1	Pit Latrine	810.00	
						L197K	1	Incomplete House	7,200.00	
						L197L	1	Mango Tree	1,300.00	
209	L198	X1051	219637/46/1	DERRICK CHITA	SHIWANG'ANDU	L198A	1	Insaka	4,152.65	<b>4,152.65</b>
210	L199	X1052	240376/46/1	CHARITY CHANDA	SHIWANG'ANDU	L199A	1	Shop	12,860.50	<b>12,860.50</b>
211	L200	X1053	162223/46/1	JAMES CHAIMBAILA	SHIWANG'ANDU	L200A	1	Family House	7,514.00	<b>15,441.00</b>
						L200B	1	External Kitchen	6,727.00	
						L200C	1	Pit Latrine	1,200.00	
212	L201	X1054	226337/46/1	SHADRICK KALUBA	SHIWANG'ANDU	L201A	1	Family house	4,812.50	<b>7,112.50</b>
						L201B	1	External Kitchen	1,100.00	
						L201C	1	Pit latrine	1,200.00	

213	L201.1	X0640	N/A	KABANGANA PRIMARY SCHOOL	SHIWANG'ANDU	L201.1A	3	Eucalyptus Trees	1,050.00	<b>1,050.00</b>
214	L202	X0642	141211/46/1	GETRUDE KASANGALA	SHIWANG'ANDU	L202A	1	Incomplete Family House	65,620.00	<b>71,965.00</b>
								Unroofed Part	6,345.00	
215	L203	X0645	173210/64/1	LOVENESS CHITI LUNDI	SHIWANG'ANDU	L203A	1	Family House	13,530.00	<b>13,530.00</b>
216	L203.1	X0644	280623/46/1	GIFT NSOFWA	SHIWANG'ANDU	L203.1A	1	Mexican Apple	350.00	<b>350.00</b>
217	L204	X0643	209556/46/1	KELVIN MAKUNGU	SHIWANG'ANDU	L204A	1	Family House	15,708.00	<b>16,428.00</b>
						L204C	1	External Bathroom	720.00	
218	L205	X0435	177715/46/1	ANJELA CHANDA	SHIWANG'ANDU	L205A	1	Family House	11,361.00	<b>14,591.50</b>
								Veranda	220.50	
						L205C	1	External Kitchen	1,610.00	
						L205D	1	External Bathroom	800.00	
						L205F	4	Banana Suckers	600.00	
219	L206	X0641	307445/46/1	FLORENCE CHIMFWEMBE	SHIWANG'ANDU	L206A	1	Family House	4,914.00	<b>4,914.00</b>
220	L207	X0155	137375/46/1	CHITI MULENGA	SHIWANG'ANDU	L207A	1	Family House	29,784.00	<b>34,872.06</b>
								Veranda	306.00	
						L207B	1	Insaka	2,362.50	
						L207C	1	External Bathroom	1,339.56	
						L207D	1	Pit Latrine	1,080.00	
221	L208	X1056	205917/45/1	GIFT KALUBA	SHIWANG'ANDU	L208A	1	Family House	23,485.00	<b>25,725.00</b>
						L208B	1	Insaka	2,240.00	
222	L209	X0646	177242/46/1	JOSEPH KALUBA	SHIWANG'ANDU	L209A	1	Family House	17,524.50	<b>22,218.33</b>

								Veranda	393.75	
						L209B	1	Insaka	3,052.08	
						L209C	1	External Bathroom	1,248.00	
223	L210	X1057	171638/46/1	EVANS LWEYA	SHIWANG'ANDU	L210A	1	Family House	98,221.75	<b>103,540.91</b>
						L210B	1	Insaka	5,319.16	
224	L211	X1058	173251/46/1	SUNDAY CHANDA	SHIWANG'ANDU	L211A	1	Family House	14,610.00	<b>14,775.60</b>
								Veranda	165.60	
225	L212	X1059	117262/68/1	RAFE KAMPAMBA	SHIWANG'ANDU	L212A	2	Eucalyptus Trees (Mature)	2,400.00	<b>6,400.00</b>
							10	Eucalyptus Trees (Immature)	2,500.00	
						L212B	1	Mango Tree	1,500.00	
226	L213	X1060	282523/11/1	FELIX CHANDA	SHIWANG'ANDU	L213A	6	Eucalyptus Tree	7,200.00	<b>9,900.00</b>
							5	Eucalyptus Tree	1,500.00	
						L213B	1	Mango Tree	1,200.00	
227	L214	X1135	192534/46/1	PATRICK CHANDA	SHIWANG ANDU	L214A	1	Hammer Mill	6,732.00	<b>6,732.00</b>
228	L215	X0215	192533/46/1	ELVIS CHANDA	SHIWANG'ANDU	L215A	1	Family house	18,480.00	<b>18,480.00</b>
229	L216	X1062	296661/46/1	FRIDAY CHANDA	SHIWANG'ANDU	L216A	1	Family house	7,260.00	<b>8,896.00</b>
						L216B	1	Store room	1,536.00	
						L216D	1	Collapsed Structure	100.00	
230	L217	X0648	175558/46/1	KENNEDY CHIWALA	SHIWANG'ANDU	L217A	1	Family house	39,105.00	<b>39,105.00</b>
231	L218	X0649	177215/46/1	LOVENESS MWAMBA	SHIWANG'ANDU	L218A	1	Family House	47,073.00	<b>67,924.00</b>
						L218B	1	Insaka (burnt)	1,884.00	

						L218C	1	Hummer Mill Building	5,985.00	
						L218D	1	Water Well	11,000.00	
						L218G	1	Mango Tree	1,200.00	
						L218H	1	Guava Tree	350.00	
						L218I	1	Pit Latrine	432.00	
232	L219	X0650	177240/46/1	BRENDA CHAMA	SHIWANG'ANDU	L219A	1	Family House	9,063.00	<b>12,318.00</b>
								Veranda	162.00	
						L219B	1	Insaka	2,697.00	
						L219D	1	Rabbit House	396.00	
233	L220	X0651	177233/46/1	FRIDAY MBULO	SHIWANG'ANDU	L220A	1	Family House	118,877.00	<b>128,877.00</b>
						L220G	1	Water Well	10,000.00	
234	L221	X0436	128813/46/1	DAINES MWILA	SHIWANG'ANDU	L221A	1	Family House	36,244.00	<b>37,044.00</b>
						L221B	1	External Bathroom	800.00	
235	L222	X0652	123398/46/1	EVARISTO SAUTI	SHIWANG'ANDU	L222A	1	Family house	40,824.00	<b>47,032.00</b>
						L222B	1	External kitchen	3,828.00	
						L222C	1	Goat Pen	1,260.00	
						L222D	1	External bathroom	1,120.00	
236	L223	X0660	129929/46/1	HILDER BWALYA	SHIWANG'ANDU	L223A	1	Family House	41,310.00	<b>79,749.00</b>
						L223B	1	Pit Latrine	1,904.00	
						L223G	1	External Kitchen	1,690.00	
						L223H	3	Paw Paw Trees	2,700.00	

						L223I	1	Guava Tree	550.00	
						L223J	14	Mango Trees	12,600.00	
						L223K	1	Concrete Slab	8,400.00	
						L223L	1	Mexican Apple	550.00	
						L223M	1	Shop	10,045.00	
237	L224	X1064	177260/46/1	GETRUDE SAMPA	SHIWANG'ANDU	L224A	1	Family House	34,408.50	<b>50,631.54</b>
								Veranda	413.44	
						L224B	1	Insaka	2,009.60	
						L224C	1	Water Well (Concrete Apron)	12,000.00	
						L224D	1	Pawpaw	1,200.00	
						L224E	1	Piggery	600.00	
238	L225	X1065	122487/46/1	ALICE MULENGA NSOFWA	SHIWANG'ANDU	L225A	1	Family house	9,408.00	<b>17,400.00</b>
						L225B	1	Incomplete building	7,992.00	
239	L226	X8226	296693/46/1	NICHOLAS MWANSA	SHIWANG'ANDU	L226A	1	Family House	7,840.00	<b>8,624.00</b>
								Foundation Box	784.00	
240	L227	X1063	232748/46/1	RUTH MALAMA	SHIWANG'ANDU	L227A	1	Family House	29,895.36	<b>30,220.08</b>
								Veranda	324.72	
241	L228	X1067	161947/46/1	ESTHER BWALYA	SHIWANG'ANDU	L228A	1	Family house	11,704.00	<b>11,888.80</b>
								Veranda	184.80	
242	L229	X1068	182929/46/1	EMELDA LUO	SHIWANG'ANDU	L229A	1	Family House	49,830.00	<b>89,368.50</b>
								Veranda	1,336.50	

						L229B	1	Shop	10,854.00	
								Veranda	972.00	
						L229C	1	Water well	12,000.00	
						L229D	1	Mango tree	1,200.00	
						L229E	1	Banana Sucker (20No.)	3,000.00	
						L229F	1	External Bathroom	1,440.00	
						L229G	1	External Kitchen	4,620.00	
						L229H	1	Pit Latrine	4,116.00	
243	L230	X0655	173178/46/2	EDMOND CHANDA MULENGA	SHIWANG'ANDU	L230A	1	Shop	83,232.00	<b>200,297.80</b>
								Veranda	2,386.80	
						L230B	1	Family house	99,940.00	
								Veranda	2,739.00	
						L230F	1	Shallow well	12,000.00	
244	L231	X0654	226337/46/1	SAINT MARGARET'S UNITED CHURCH OF ZAMBIA	SHIWANG'ANDU	L231A	1	Church	198,119.25	<b>199,019.25</b>
						L231F	1	Lemon Tree	900.00	
245	L232	X1069	351281/42/1	BRIAN MUSOSHA	SHIWANG'ANDU	L232A	1	Family House	9,450.00	<b>11,466.00</b>
						L232B	1	Family House	2,016.00	
246	L233	X1526	157479/46/1	BELITA MULENGA	SHIWANG'ANDU	L233A	1	Shop	4,320.00	<b>4,320.00</b>
247	L234	X0438	174610/46/1	STEPHENIA SHINGA	SHIWANG'ANDU	L234A	1	Shallow well	8,000.00	<b>8,000.00</b>
248	L235	X1070	157850/46/1	HILDA MWENYA KABUSWE	SHIWANG'ANDU	L235A	1	Avocado Tree	350.00	<b>450.00</b>
						L225B	1	Mango Tree	100.00	



249	L236	X1071	212441/68/1	THOMAS MUSAMWE	SHIWANG'ANDU	L236A	1	Family House	5,390.00	<b>5,390.00</b>
250	L237	X0658	139097/46/1	RONAL MWELWA KANGWA	SHIWANG'ANDU	L237A	1	Shop	3,696.00	<b>3,696.00</b>
251	L238	X0656	202860/46/1	MARTIN BWALYA	SHIWANG'ANDU	L238A	1	Family house	5,967.50	<b>6,227.38</b>
								Veranda	259.88	
252	L239	X0657	202860/46/1	MARTIN BWALYA	SHIWANG'ANDU	L239A	1	Derelict Family House	4,050.00	<b>4,050.00</b>
253	L240	X0675	180964/46/1	EVELYN LUNDA	SHIWANG'ANDU	L240A	1	Shop	2,000.00	<b>2,000.00</b>
254	L251	X1078	241928/46/1	GIFT NYONDO	SHIWANG'ANDU	L251A	1	Bar	84,161.00	<b>89,227.60</b>
								Veranda	5,066.60	
255	L252	X0669	160477/46/1	JAMES CHILESHE	SHIWANG'ANDU	L252A	1	Shop	27,511.00	<b>30,047.88</b>
								Veranda	2,536.88	
256	L253	X1079	11269746/1	GETRUDE MWAMBA	SHIWANG'ANDU	L253A	1	Shop	23,100.00	<b>24,956.25</b>
								Veranda	1,856.25	
257	L254	X1075	190092/44/1	LAWRENCE CHISANGA	SHIWANG'ANDU	L254A	1	Shop	23,870.00	<b>25,788.13</b>
								Veranda	1,918.13	
258	L255	X1077	109001/95/1	VICTOR SIKANYIKA	SHIWANG'ANDU	L255A	1	Incomplete Bar	43,603.20	<b>45,754.83</b>
								Veranda	2,151.63	
259	L256	X1077	109001/95/1	VICTOR SIKANYIKA	SHIWANG'ANDU	L256A	1	Concrete Pillars	2,640.00	<b>2,640.00</b>
260	L257	X0663	188923/46/1	BRUCE CHANDA	SHIWANG'ANDU	L257A	1	Concrete Block Pillar	2,640.00	<b>2,640.00</b>
261	L258	X0671	226337/46/1	KANAKASHI AGRICULTURAL COOPERATIVE SOCIETY	SHIWANG'ANDU	L258A	1	Foundation Box	24,000.00	<b>24,000.00</b>
262	L259	X0673	174277/46/1	CHARLES MUSAPA	SHIWANG'ANDU	L259A	1	Water Well	12,000.00	<b>12,000.00</b>

263	L260	X0670	169273/46/1	MAGGIE SAIBALA	SHIWANG'ANDU	L260A	30	Banana	4,500.00	<b>4,500.00</b>
264	L261	X0655	147970/46/1	SUNDAY MUSHILI	SHIWANG'ANDU	L261A	1	Bar	11,844.00	<b>11,844.00</b>
265	L262	X0666	174277/46/1	CHARLES MUSAPA	SHIWANG'ANDU	L262A	1	Bar	13,392.00	<b>13,392.00</b>
266	L263	X0667	147970/46/1	SUNDAY MUSHILI	SHIWANG'ANDU	L263A	1	Shop	6,604.50	<b>61,685.74</b>
								Veranda	543.90	
						L263B	1	Family House	29,712.60	
								Veranda	434.34	
						L263C	1	External Kitchen	1,440.00	
						L263E	1	Insaka	1,130.40	
						L263F	1	External Bathroom	1,120.00	
						L263I	2	Avocado	3,000.00	
						L263J	18	Mango	16,200.00	
L263K	10	Banana (10 No.)	1,500.00							
267	L264	X1082	228858/46/1	STEPHEN MFULA	SHIWANG'ANDU	L264A	1	Shop	19,992.00	<b>23,312.69</b>
								Veranda	2,516.85	
						L264B	1	External Kitchen	803.84	
268	L265	X1082	228858/46/1	STEPHEN MFULA	SHIWANG'ANDU	L265A	1	Shop	3,255.00	<b>35,955.00</b>
						L265B	1	Family House	31,500.00	
						L265C	1	Mango Tree	1,200.00	
269	L266	X1083	112697/46/1	GETRUDE MWAMBA	SHIWANG'ANDU	L266A	1	Shop	50,050.00	<b>179,099.50</b>
								Veranda	3,234.00	

						L266B	1	Family House	94,792.00	
								Veranda	2,652.00	
						L266C	1	External Kitchen	11,200.00	
						L266E	1	Collapsed Family House	3,391.50	
						L266F	1	Shallow Well	12,000.00	
						L266G	6	Bananas	900.00	
						L266H	1	External Bathroom	880.00	
270	L267	X1105	169800/46/1	ANGELINA MWABA	SHIWANG'ANDU	L267A	1	Family House	83,700.00	<b>89,775.00</b>
								Veranda	1,215.00	
						L267B	1	Insaka	1,680.00	
						L267C	1	Pit Latrine	2,380.00	
						L267D	1	External Bathroom	800.00	
271	L268	X1104	267188/46/1	BLESSING KAONGA	SHIWANG'ANDU	L268A	1	Shop	18,734.00	<b>20,090.60</b>
								Veranda	1,356.60	
272	L269	X1538	260577/46/1	EMMANUEL SINKALA	SHIWANG'ANDU	L269A	1	Incomplete Family House (Foundation)	1,575.00	<b>1,575.00</b>
273	L270	X1537	260577/46/1	EMMANUEL SINKALA	SHIWANG'ANDU	L270A	1	Incomplete Family House	4,608.00	<b>4,608.00</b>
274	L271	X1536	125636/68/1	THERESA MWILA	SHIWANG'ANDU	L271A	1	Collapsed Insaka	2,543.40	<b>2,543.40</b>
275	L272	X1435	183092/46/1	SHADRICK KAIMBI	SHIWANG'ANDU	L272A	1	External kitchen	2,880.00	<b>4,380.00</b>
						L272B	2	Mango Tree	800.00	
						L272C	1	Avocado Tree	550.00	
						L272D	1	Banana Tree	150.00	

276	L273	X1587	178791/46/1	MORGAN CHALI	SHIWANG'ANDU	L273A	1	Family House	6,435.00	<b>6,435.00</b>
277	L274	X1588	156586/46/1	FEBBY MUTONGWA	SHIWANG'ANDU	L274A	1	Family House	16,135.00	<b>27,685.00</b>
								Veranda	294.00	
						L274B	1	External kitchen	4,158.00	
						L274C	1	Family House	5,148.00	
						L274D	2	Bananas	300.00	
						L274F	3	Mexican Apple	450.00	
						L274G	2	Mango Tree	300.00	
1	Mango Tree	900.00								
278	L275	X1586	226337/46/1	PENTECOSTAL ASSEMBLIES OF GOD (KANAKASHI CONGREGATION)	SHIWANG'ANDU	L275A	1	Church	115,243.00	<b>126,455.75</b>
								Veranda	420.75	
						L275B	1	External Bathroom	792.00	
						L275E	1	Shallow Well	10,000.00	
279	L276	X1589	196669/46/1	CACIUS MBULO	SHIWANG'ANDU	L276A	1	Family House	21,112.00	<b>31,125.00</b>
						L276B	1	Insaka	3,038.00	
						L276C	1	Incomplete Family House	6,975.00	
280	L277	X1590	155009/46/1	ALEX BWALYA	SHIWANG'ANDU	L277A	1	External Kitchen	3,675.00	<b>3,875.00</b>
						L277B	1	Avocado	200.00	
281	L278	X1591	155206/46/1	EUSTUS KANGWA	SHIWANG'ANDU	L278A	1	Shop	8,246.00	<b>8,246.00</b>
282	L279	L1592	225152/46/1	FRANCIS KANGWA	SHIWANG'ANDU	L279A	1	Shop	6,300.00	<b>47,595.00</b>
						L279B	1	Family House	15,015.00	

						L279C	1	Incomplete Family House 2	26,280.00	
283	L280	X1593	226337/46/1	JUSTINA KANGWA	SHIWANG'ANDU	L280A	1	Family House	22,088.00	<b>30,067.00</b>
								Veranda	312.00	
						L280B	1	Family House	7,667.00	
284	L281	X1594	196471/46/1	HUMPHREY BWALYA	SHIWANG'ANDU	L281A	1	Family House	54,468.00	<b>54,468.00</b>
285	L282	X1605	248593/46/1	KENNEDY BWALYA	SHIWANG'ANDU	L282A	1	Shop	6,353.90	<b>6,353.90</b>
286	L283	X1595	138733/46/1	VIOLET MUTONGWA	SHIWANG'ANDU	L283A	1	Family House	15,680.00	<b>18,368.00</b>
								Veranda	325.50	
						L283B	1	Insaka	2,362.50	
287	L284	X1606	131182/46/1	MONICA BWALI	SHIWANG'ANDU	L284A	1	Mango Trees	1,200.00	<b>1,200.00</b>
288	L285	X1547	137740/67/1	CHANDA KAZEMBE	SHIWANG'ANDU	L285A	1	Pit Latrine	2,268.00	<b>6,168.00</b>
						L285B	2	Mango Tree	2,200.00	
						L285C	1	Avocado Tree	1,700.00	
289	L286	X1596	169814/46/1	HARRINGTON KASEMBE	SHIWANG'ANDU	L286A	1	Incomplete External Kitchen	5,130.00	<b>20,226.50</b>
						L286B	1	Bananas	150.00	
						L286C	6	Mango Trees	5,400.00	
						L286D	2	Mexican Apple Trees	900.00	
						L286E	1	Pit Latrine	892.50	
						L286F	1	Concrete Slab	2,000.00	
						L286G	1	Incomplete Structure	2,394.00	
						L286H	1	Incomplete Structure	3,360.00	

290	L287	X1539	123470/46/1	SHILIKA CHILUFYA	SHIWANG'ANDU	L287A	1	Collapsed Family House	4,200.00	<b>9,700.00</b>
						L287B	5	Mango Tree	5,500.00	
291	L288	X1597	196495/46/1	OLIVER CHALELA	SHIWANG'ANDU	L288A	1	Family House	84,420.00	<b>86,520.00</b>
						L288B	1	Insaka	2,100.00	
292	L289	X1598	156463/46/1	LEONARD MALAMA	SHIWANG'ANDU	L289A	1	Family House	46,980.00	<b>60,338.00</b>
						L289B	1	Kitchen	4,158.00	
						L289C	1	Shallow well	8,000.00	
						L289D	1	External bathroom	1,200.00	
293	L290	X1540	156603/46/1	MONICA MULENGA	SHIWANG'ANDU	L290A	1	Family House	53,040.00	<b>57,728.00</b>
						L290B	1	Incomplete External Kitchen	2,556.00	
						L290C	1	Incomplete Poultry Pen	1,430.00	
						L290D	1	Mexican Apple	150.00	
						L290E	1	External Bathroom	552.00	
294	L291	X1554	202980/46/1	WESY CHOLA	SHIWANG'ANDU	L291A	3	Mexican Apples	450.00	<b>450.00</b>
295	L292	X1599	156463/46/1	LEONARD MALAMA	SHIWANG'ANDU	L292A	1	Shop	8,925.00	<b>8,925.00</b>
296	L293	X1541	186891/46/1	JOSEPH MULENGA	SHIWANG'ANDU	L293A	1	Shop	7,315.00	<b>7,315.00</b>
297	L294	X1600	163578/46/1	PETER MULENGA	SHIWANG'ANDU	L294A	1	Shop	19,943.00	<b>21,900.35</b>
								Veranda	757.35	
						L294B	1	Pit Latrine	1,200.00	
298	L295	X1542	376600/67/1	MONDAY KABUNGO	SHIWANG'ANDU	L295A	1	Shop	18,270.00	<b>18,270.00</b>
299	L296	X1601	203282/46/1	JONAS BOWA	SHIWANG'ANDU	L296A	1	Shop	16,121.00	<b>16,121.00</b>

300	L297	X1543	708657/11/1	STEPHEN MULENGA	SHIWANG'ANDU	L297A	1	Shop	12,915.00	<b>13,995.00</b>		
						L297B	1	Pit Latrine	1,080.00			
301	L298	X1602	242099/46/1	NOBLE CHANDA	SHIWANG'ANDU	L298A	1	Shop	9,089.50	<b>9,089.50</b>		
302	L299	X1544	201634/46/1	MWANSA KATONGO	SHIWANG'ANDU	L299A	1	Shop	9,947.00	<b>9,947.00</b>		
303	L300	X1603	202879/46/1	SILVIA KALUBA	SHIWANG'ANDU	L300A	1	Family House	34,263.00	<b>51,312.00</b>		
						L300B	1	Collapsed Pit Latrine	1,197.00			
						L300C	11	Mango Trees	9,900.00			
						L300D	1	Collapsed Family House	5,952.00			
304	L301	X1545	141442/77/1	RONALD TEMBO	SHIWANG'ANDU	L301A	1	Shop	15,288.00	<b>21,763.00</b>		
								Open Shed	6,475.00			
305	L302	X1546	196514/46/1	ANTHONY MULENGA	SHIWANG'ANDU	L302A	1	Family House	186,282.00	<b>202,878.55</b>		
								Veranda	2,049.30			
								L302B	1		Pit latrine	3,591.00
								L302C	1		Insaka	4,354.40
								L302D	1		Insaka	6,601.85
306	L303	X1604	163749/46/1	SOKONI MULENGA	SHIWANG'ANDU	L303A	1	Family House	98,940.00	<b>111,690.00</b>		
								L303E	1		Shallow Well	12,000.00
								L303F	5		Bananas	750.00
307	L304	X1548	145524/46/1	IREEN NANKALA	SHIWANG'ANDU	L304A	1	Family House	3,375.00	<b>3,375.00</b>		
308	L305	X1607	120495/66/1	FILISE KATYETYE	SHIWANG'ANDU	L305A	1	Family House	26,628.00	<b>29,024.00</b>		
								Veranda	756.00			

						L305B	1	Pit latrine	1,440.00	
						L305D	1	Mango Tree	200.00	
309	L306	X1549	137160/46/1	DOREEN CHANDA	SHIWANG'ANDU	L306A	1	Collapsed Family House	3,000.00	<b>3,550.00</b>
						L306C	1	Mexican Apple	550.00	
310	L307	X1608	260342/46/1	MARLON BWALYA	SHIWANG'ANDU	L307A	1	Family House	6,886.00	<b>8,431.00</b>
								Veranda	165.00	
						L307B	1	Insaka	1,380.00	
311	L308	X1609	265123/46/1	RABECA BWALYA	SHIWANG'ANDU	L308A	1	Family House	10,912.00	<b>11,057.20</b>
								Veranda	145.20	
312	L309	X1610	162963/46/1	BENARD MUTALE	SHIWANG'ANDU	L309A	1	Family House	19,950.00	<b>32,711.33</b>
						L309B	1	Insaka	3,761.33	
						L309C	1	Shallow Well	9,000.00	
313	L310	X1611	120061/43/1	MAGGIE NTUSE	SHIWANG'ANDU	L310A	1	Family House	11,900.00	<b>11,900.00</b>
314	L311	X1552	242313/12/1	LEVY MUSONDA	SHIWANG'ANDU	L311A	1	Family House	15,356.04	<b>19,920.04</b>
						L311B	1	External Kitchen	4,200.00	
						L311C	1	Poultry Pen	364.00	
315	L312	X1553	193375/46/1	BLACKWELL MWILA	SHIWANG'ANDU	L312A	1	Family House 1	38,250.00	<b>51,060.00</b>
						L312B	1	Store Room	4,032.00	
						L312C	1	Hammer Mill	5,670.00	
						L312E	1	Kitchen	2,808.00	
						L312G	1	Mexican Apple	120.00	



						L312L	1	Collapsed Family House 4	180.00	
316	L313	X1550	120061/43/1	MAGGIE NTUSE	SHIWANG'ANDU	L313A	1	Insaka	3,967.39	<b>3,967.39</b>
317	L314	X1551	242114/46/1	THELMA MULENGA	SHIWANG'ANDU	L314A	1	Insaka	2,520.00	<b>10,520.00</b>
						L314B	1	Shallow Well	8,000.00	
318	L315	X1712	265026/46/1	NAOMI CHANDA	SHIWANG'ANDU	L315A	1	External kitchen	1,134.00	<b>1,134.00</b>
319	L316	X1693			SHIWANG'ANDU	L316A	6	Eucalyptus Trees	1,500.00	<b>1,500.00</b>
320	L317	X1613	183125/46/1	EDNA CHANDA	SHIWANG'ANDU	L317A	1	External kitchen	1,197.00	<b>1,197.00</b>
321	L318	X1555	206794/46/1	CASSIUS CHINKUMBA	SHIWANG'ANDU	L318A	1	Family House	11,241.00	<b>13,103.15</b>
								Veranda	145.35	
						L318B	1	Insaka	1,716.80	
322	L319	X1614	242145/46/1	PURITY CHINKUMBA	SHIWANG'ANDU	L319A	1	Family House	12,262.80	<b>14,956.30</b>
						L319B	1	Incomplete Insaka	1,033.50	
						L319C	1	Collapsed House	1,660.00	
323	L320	X1556	123417/46/1	BEATRICE BWALYA NGOSA	SHIWANG'ANDU	L320A	1	Pit Latrine	1,815.00	<b>3,015.00</b>
						L320B	1	Mango Tree	1,200.00	
324	L321	X1661	225625/46/1	PATRICK NKONDE	SHIWANG'ANDU	L321A	4	Mango Trees	4,800.00	<b>4,800.00</b>
325	L322	X1564	156972/46/1	JULIET CHINKUMBA	SHIWANG'ANDU	L322A	1	Family House 1	11,760.00	<b>15,604.00</b>
						L322B	1	Collapsed External kitchen	3,200.00	
						L322D	5	Mango Tree	500.00	
						L322E	1	External Kitchen 2	144.00	
326	L323	X1557	135015/63/1	DERICK KAMPAMBA	SHIWANG'ANDU	L323A	10	Mango Trees	9,000.00	<b>13,701.10</b>

						L323B	1	Avocado Tree	1,500.00	
						L323C	1	Incomplete Insaka	2,601.10	
						L323D	1	Incomplete Pit Latrine	600.00	
327	L324	X1663	203368/46/1	EVARISTO BWALYA	SHIWANG'ANDU	L324A	1	Family House	39,105.00	<b>49,855.00</b>
						L324B	1	Insaka	2,890.00	
						L324C	1	External Bathroom	960.00	
						L324E	5	Mango Trees	6,000.00	
						L324F	1	Piggery	900.00	
328	L325	X1664	226337/46/1	ROMAN CATHOLIC CHURCH	SHIWANG'ANDU	L325A	1	Pit latrine	3,080.00	<b>3,080.00</b>
329	L326	X1558	174265/46/1	KENNEDY BWALYA	SHIWANG'ANDU	L326A	1	Family House	84,084.00	<b>108,282.75</b>
						L326B	1	Shop	13,689.00	
								Veranda	789.75	
						L326C	1	External Kitchen	5,390.00	
						L326D	1	Rabbit House	420.00	
						L326E	1	External Bathroom	1,012.00	
						L326F	1	Pit Latrine	2,898.00	
330	L327	X1665	234986/46/1	DICKSON CHIBALE	SHIWANG'ANDU	L327A	1	Shop (bar)	36,592.50	<b>77,946.56</b>
						L327B	2	Shops	32,160.00	
								Veranda	2,713.50	
						L327C	1	Insaka	1,980.56	
						L327D	1	Pit latrine	1,200.00	

						L327E	1	Mango Tree	1,200.00	
						L327F	14	Banana	2,100.00	
331	L328	X1563	164373/46/1	MODESTER MPUNDU	SHIWANG'ANDU	L328A	1	Shop	28,077.00	<b>30,185.93</b>
								Veranda	2,108.93	
332	L329	X1562	226337/46/1	COMMUNITY BUS STATION	SHIWANG'ANDU	L329A	1	Collapsed Community Bus Station	9,613.24	<b>9,613.24</b>
333	L330	X1561	147789/46/1	LOVENESS NKAMBA	SHIWANG'ANDU	L330A	1	Shop	16,537.50	<b>17,419.50</b>
								Veranda	882.00	
334	L331	X1559	225625/46/1	PATRICK NKONDE	SHIWANG'ANDU	L331A	1	Shop	20,272.50	<b>21,247.88</b>
								Veranda	975.38	
335	L332	X1666	183320/46/1	LINDAH MWE0	SHIWANG'ANDU	L332A	1	Shop	26,103.00	<b>27,526.80</b>
								Veranda	1,423.80	
336	L333	X1667	164336/46/1	LEWIS MULENGA	SHIWANG'ANDU	L333A	1	Shop	26,334.00	<b>37,010.40</b>
								Veranda	1,436.40	
						L333B	1	Shop	9,240.00	
337	L334	X1668	183320/46/1	LINDAH MWE0	SHIWANG'ANDU	L334A	1	Shop	6,006.00	<b>6,333.60</b>
								Veranda	327.60	
338	L335	1669	206152/46/1	LAWRENCE CHANDA	SHIWANG'ANDU	L335A	1	Shop	16,170.00	<b>24,864.00</b>
								Veranda	882.00	
						L335B		Hammer Mill	7,812.00	
339	L336	X1566	202182/46/1	MAYBIN CHANDA	SHIWANG'ANDU	L336A	1	Shop	16,380.00	<b>17,514.00</b>
								Veranda	1,134.00	

340	L337	X1670	255470/45/1	PETER KABUNGO	SHIWANG'ANDU	L337A	1	Shop	22,230.00	<b>34,785.00</b>		
								Veranda	1,539.00			
						L337B	1	Shop	11,016.00			
341	L338	X1671	225625/46/1	PATRICK NKONDE	SHIWANG'ANDU	L338A	1	Shallow Well	12,000.00	<b>12,000.00</b>		
342	L339	X1672	183286/46/1	YVONNE BWALYA	SHIWANG'ANDU	L339A	1	Shop	8,211.00	<b>9,067.80</b>		
								Veranda	856.80			
343	L340	X1673	176897/46/1	DAVIES CHENGO KAYULA	SHIWANG'ANDU	L340A	1	Shop	13,680.00	<b>14,295.60</b>		
								Veranda	615.60			
344	L341	X1674	209175/46/1	PAUL KUNDA	SHIWANG'ANDU	L341A	1	Shop	13,680.00	<b>13,680.00</b>		
345	L342	X1675	155054/46/1	PATSON MULENGA	SHIWANG'ANDU	L342A	1	Shop	9,583.00	<b>56,633.50</b>		
								Veranda	388.50			
								L342B	1		Family House	38,394.00
								L342C	1		Pit latrine	1,980.00
								L342D	1		Insaka	2,940.00
								L342E	1		External Shower	648.00
346	L343	X1676	194196/46/1	ABRAHAM LUTANDA	SHIWANG'ANDU	L343A	1	Shop	13,320.00	<b>13,860.00</b>		
								Veranda	540.00			
347	L344	X1679	142733/46/1	SIMON KALUBA	SHIWANG'ANDU	L344A	1	Family House	35,280.00	<b>47,760.00</b>		
						L344B	1	Goat Shed	12,480.00			
348	L344.1	X1560	142733/46/1	SIMON KALUBA	SHIWANG'ANDU	L344.1A	1	Shop	21,037.50	<b>22,225.50</b>		

								Veranda	1,188.00	
349	L345	X1567	194196/46/1	ABRAHAM LUTANDA	SHIWANG'ANDU	L345A	1	Family House	37,296.00	<b>44,295.00</b>
						L345B	1	Insaka	3,255.00	
						L345C	1	Pit Latrine	2,640.00	
						L345D	1	External Bathroom	1,104.00	
350	L346	X2843	161576/46/1	JANE CHISHOLI	SHIWANG'ANDU	L346A	12	Mango Trees	10,800.00	<b>11,100.00</b>
						L346B	1	Collapsed External Kitchen	300.00	
351	L347	X1568	157430/46/1	FRIDAH MWANSA	SHIWANG'ANDU	L347A	1	Shallow Well	8,000.00	<b>8,000.00</b>
352	L348	X1568	137430/46/1	FRIDAH MWANSA	SHIWANG'ANDU	L348A	1	Collapsed Family House	3,675.00	<b>5,036.65</b>
						L348B	1	Kitchen	1,211.65	
						L348F	1	Banana	150.00	
353	L349	X1681	138721/46/1	JOSEPHINE KAMPAMBA	SHIWANG'ANDU	L349A	1	Family House	44,352.00	<b>47,315.25</b>
								Veranda	1,163.25	
						L349E	2	Mango Tree	1,800.00	
354	L350	X1707	156957/46/1	ROIDAH BWALYA	SHIWANG'ANDU	L350A	1	Family House	6,539.50	<b>9,899.50</b>
						L350B	1	Insaka	1,200.00	
						L350C	1	Paw Paw	1,200.00	
						L350D	1	External Bathroom	960.00	
355	L351	X1682	209816/46/1	BERTHA MULUNDA	SHIWANG'ANDU	L351A	1	Family House	39,600.00	<b>39,600.00</b>
356	L352	X1683	153907/51/1	EMMIE MFULA	SHIWANG'ANDU	L352A	1	Family House	10,725.00	<b>11,340.00</b>
								Veranda	165.00	

						L352B	1	Collapsed External Kitchen	450.00	
357	L353	X1684	267276/42/1	JAMES SINKONDE	SHIWANG'ANDU	L353A	1	Collapsed Family House	3,564.00	<b>3,564.00</b>
358	L354	X1709	226337/46/1	MAGGIE MUSATU	SHIWANG'ANDU	L354A	1	Family House	4,158.00	<b>24,672.00</b>
						L354B	1	Family House	18,732.00	
						L354C	1	Pit Latrine	1,782.00	
359	L355	X1686	20336946/1	RODRICK KAYULA	SHIWANG'ANDU	L355A	1	Family House	7,818.25	<b>11,078.88</b>
								Veranda	185.63	
						L355B	1	Insaka	1,875.00	
						L355D	1	Pit Latrine	1,200.00	
360	L356	X1711	132772/46/1	KANGWA TAULO	SHIWANG'ANDU	L356A	1	Family House	12,232.00	<b>13,135.60</b>
								Veranda	138.60	
						L356B	1	Pit Latrine	765.00	
361	L357	X1687	208181/46/1	PAUL MUSONDA	SHIWANG'ANDU	L357A	1	Family House	7,425.00	<b>10,087.00</b>
						L357B	1	Kitchen	2,662.00	
362	L358	X1688	294287/46/1	EMMANUEL MWAPE	SHIWANG'ANDU	L358A	1	Family House	5,285.50	<b>5,285.50</b>
363	L359	X1689	173034/46/1	ROYD MBAO	SHIWANG'ANDU	L359A	1	Bar	12,126.80	<b>13,814.30</b>
						L359B	1	Insaka	1,687.50	
364	L360	X1690	208078/46/1	MPINGA MULUNDA	SHIWANG'ANDU	L360A	1	Insaka	2,247.50	<b>2,247.50</b>
365	L361	X1691	265094/46/1	MOSES MWICHE	SHIWANG'ANDU	L361A	1	Family House	5,049.00	<b>5,049.00</b>
366	L362	X1692	141029/46/1	FESTON MUSHOTA	SHIWANG'ANDU	L362A	1	Family House	6,050.00	<b>8,300.00</b>
						L362B	1	External Kitchen	2,250.00	

367	L363	X1714	209128/46/1	RICHARD MULENGA	SHIWANG'ANDU	L363A	1	Family House	8,043.75	<b>19,677.75</b>
						L363B	1	Shallow Well	10,000.00	
						L363C	1	External Bathroom	684.00	
						L363D	1	Pit Latrine	950.00	
368	L364	X1764	157161/46/1	FELIX MFULA	SHIWANG'ANDU	L364A	1	Pit latrine	1,680.00	<b>3,360.00</b>
						L364B	1	Pit latrine	1,680.00	
369	L365	X1723	206663/68/1	DERRICK MFULA	SHIWANG'ANDU	L365A	1	Family House	6,358.00	<b>16,404.00</b>
						L365B	1	Incomplete Family House	9,646.00	
						L365C	1	Mulberry	400.00	
370	L366	X1694	201580/46/1	MIRRIAM MATUTU	SHIWANG'ANDU	L366A	1	Family House	23,634.00	<b>40,235.80</b>
								Veranda	388.80	
						L366B	1	Shop	7,623.00	
						L366C	1	Kitchen	3,850.00	
						L366D	1	External Shower	4,200.00	
						L366E	1	Chicken Coop	540.00	
371	L367	X1695	183394/46/1	MAXWELL MATUTU	SHIWANG'ANDU	L367A	1	Incomplete	8,162.00	<b>8,162.00</b>
372	L368	X1696	193882/46/1	STANLEY MATUTU	SHIWANG'ANDU	L368A	1	Shop/Storage Room	28,652.25	<b>28,652.25</b>
373	L369	X1697	218328/46/1	HOPKENS BWALYA	SHIWANG'ANDU	L369A	1	Family House	6,220.50	<b>6,220.50</b>
374	L370	X1715	132687/46/1	PAUL BWALYA	SHIWANG'ANDU	L370A	1	Family House	7,260.00	<b>9,360.00</b>
						L370B	1	Family House	2,100.00	
375	L371	X1698	218328/46/1	HOPKENS BWALYA	SHIWANG'ANDU	L371A	1	Family House	11,000.00	<b>11,000.00</b>

376	L372	X1085	177135/46/1	CLEMENT SHINGA	SHIWANG'ANDU	L372A	1	Family House	9,604.00	<b>15,529.00</b>
						L372B	1	External Kitchen	5,225.00	
						L372C	2	Mulberry Trees	700.00	
377	L373	X0672	155098/46/1	EDWIN KASASHI MALAMA	SHIWANG'ANDU	L373A	1	Shop 1	8,547.00	<b>73,013.20</b>
								Veranda	224.00	
						L373B	1	Shop 2	4,641.00	
								Veranda	154.70	
						L373C	1	Family House	52,800.00	
								Veranda	346.50	
						L373E	4	Mango Tree	4,800.00	
L373I	10	Banana	1,500.00							
378	L374	X1716	159289/46/1	RODGERS MUMBA	SHIWANG'ANDU	L374A	15	Mango Trees	14,250.00	<b>23,250.00</b>
						L374B	180	Bananas	9,000.00	
379	L375	X1717	288478/46/1	FLORENCE CHENGO	SHIWANG'ANDU	L375A	1	Family House	2,860.00	<b>4,576.80</b>
						L375B	1	Insaka	1,716.80	
380	L376	X1701	288460/46/1	MAVIS MATIPA	SHIWANG'ANDU	L376A	1	Family House	6,077.50	<b>7,532.98</b>
								Veranda	99.00	
						L376B	1	Kitchen	1,356.48	
381	L377	X1718	2821443/46/1	BRIGHTON KAPOLYO	SHIWANG'ANDU	L377A	1	Family House	4,125.00	<b>4,125.00</b>
382	L378	X1702	108599/46/1	BELITA CHOMBA	CHINSALI	L378A	1	Family House	8,712.00	<b>30,205.50</b>
						L378B	1	Family House	21,493.50	



383	L379	X1703	193403/46/1	GEORGE LUKONDE	CHINSALI	L379A	1	Shop	3,542.00	<b>6,362.00</b>
						L379B	1	Mango Tree	120.00	
						L379C	18	Bananas	2,700.00	
384	L380	X719	231418/46/1	EDWIN CHIMFWEMBE	CHINSALI	L380A	1	Insaka	4,791.50	<b>4,791.50</b>
385	L381	X1720	282131/46/1	BEAUTY KAPENA	CHINSALI	L381A	1	External Kitchen	4,421.12	<b>6,689.12</b>
						L381B	1	Insaka	2,268.00	
386	L382	X1704	288558/46/1	ESNART MULENGA	CHINSALI	L382A	1	Family House	11,616.00	<b>12,066.00</b>
						L382B	3	Bananas	450.00	
387	L383	X1721	231819/46/1	AARON CHIRUNGI	CHINSALI	L383A	1	Family House	9,100.00	<b>9,100.00</b>
388	L384	X1705	145442/46/1	IDAH CHANDA	CHINSALI	L384A	1	Family House	4,410.00	<b>4,410.00</b>
389	L385	X1706	151117/46/1	NIGGER CHANDA	CHINSALI	L385A	1	External Kitchen	6,908.00	<b>6,908.00</b>
390	L386	X1238	185112/46/1	FRIDAY CHENGO	CHINSALI	L386A	1	Shop	9,396.00	<b>10,320.00</b>
						L386B	1	External Bathroom	924.00	
391	L387	X0439	186208/46/1	BOBO PROTASHO	CHINSALI	L387A	1	Shop	22,032.00	<b>90,884.65</b>
								Veranda	1,193.40	
						L387B	1	Family House	65,296.00	
								Veranda	1,328.25	
392	L388	X1489	192507/46/1	THOMAS CHANDA	CHINSALI	L388A	1	Family House	17,710.00	<b>19,510.00</b>
						L388B	2	Mango Trees	1,800.00	
393	L389	X1487	120768/46/1	GODFREY MULENGA SHULA	CHINSALI	L389A	1	Incomplete Family House	12,348.00	<b>12,348.00</b>

394	L390	X1488	108626/41/1	ISAAC KANGWA	CHINSALI	L390A	1	Insaka	2,564.60	<b>27,351.26</b>
						L390B	1	Family House	23,980.00	
								Veranda	806.67	
395	L390.1	X9085	-	UNKNOWN	CHINSALI	L391.1A	1	Family House	31,440.00	<b>32,160.00</b>
								Veranda	720.00	
396	L390.2	X9084	-	UNKOWN	CHINSALI	L390.2A	1	Family House	41,580.00	<b>41,580.00</b>
397	L391	X1491	143349/46/1	MAUREEN CHANDA	CHINSALI	L391A	1	Insaka	2,411.52	<b>2,411.52</b>
398	L391.1	-	-	UNKOWN	CHINSALI	L391.2A	1	Family House	16,500.00	<b>16,500.00</b>
399	L392	X1493	163823/46/1	NOAH CHANDA	CHINSALI	L392A	1	Family House	15,946.00	<b>16,522.00</b>
						L392B	1	External Bathroom	576.00	
400	L393	X1731	282085/46/1	SINALA MALAMA	CHINSALI	L393A	1	Family House	30,940.00	<b>43,975.00</b>
								Veranda	651.00	
						L393B	1	Collapsed Hammer Mill	12,384.00	
401	L394	X1730	156836/46/1	SAVIOUR CHUBEKI	CHINSALI	L394A	1	Block of Shops	82,808.00	<b>98,151.50</b>
								Veranda	1,798.50	
						L394B	1	Family House	10,045.00	
						L394C	1	Insaka	3,500.00	
402	L395	X1729	201883/46/1	KENNEDY CHEWE	CHINSALI	L395A	1	Bar/Shop	119,252.00	<b>220,179.75</b>
								Veranda	2,331.00	
						L395B	1	Family House	94,157.00	
								Veranda	656.25	

						L395C	1	External Bathroom	3,783.50	
403	L396	X1727	214793/47/1	ALICK SIMUCHIMBA	CHINSALI	L396A	1	Block of Shops	136,010.00	<b>140,042.00</b>
						L396B	1	External Shower	4,032.00	
404	L397	X1725	117688/47/1	EDWARD SONDASHI SIMWINGA	CHINSALI	L397A	1	Hammer Mill	34,782.00	<b>35,370.00</b>
						L397B	1	Pit latrine	588.00	
405	L398	X1724	206803/46/1	SUNDAY CHEWE	CHINSALI	L398A	1	Shop	11,368.00	<b>32,710.00</b>
						L398B	1	Family House	16,254.00	
						L398C	21	Bananas	3,150.00	
						L398D	1	External Bathroom	798.00	
						L398E	1	Pit Latrine	1,140.00	
406	L399	X1726	282096/46/1	DONALD KAPEYA	CHINSALI	L399A	1	Incomplete Family House	6,545.50	<b>6,545.50</b>
407	L400	X1732	144210/46/1	RODGERS CHANDA	CHINSALI	L400A	2	Mango Trees	240.00	<b>940.00</b>
						L400B	2	Mulberry Trees	700.00	
408	L401	X1728	226337/46/1	CHIMBELE AGRICULTURAL CAMP	CHINSALI	L401A	1	Church	26,840.00	<b>26,840.00</b>
409	L402	X1179	262163/46/1	JOHN NGOSA	CHINSALI	L402A	1	Family House	9,212.00	<b>10,556.00</b>
						L402B	1	Shop	1,344.00	
410	L403	X1733	201923/46/1	FRANCIS CHIWAMA	CHINSALI	L403A	1	Family House	7,392.00	<b>9,796.06</b>
						L403B	1	Insaka	2,404.06	
411	L404	X1762	184018/46/1	BWALYA KAMPAMBA	CHINSALI	L404A	1	Family House	16,830.00	<b>21,852.00</b>
								Incomplete Part	4,590.00	
						L404B	1	External Shower	432.00	

412	L405	X1734	509794/10/1	CHRISTINE MBULO	CHINSALI	L405A	1	Family House	19,312.00	<b>19,862.80</b>
								Veranda	550.80	
413	L406	X1763	281874/46/1	LUCINA MBULO	CHINSALI	L406A	1	Family House	5,425.00	<b>5,685.40</b>
								Veranda	260.40	
414	L407	X1764	163902/46/1	AGNESS KATONGO MUKUMPA	CHINSALI	L407A	1	Family House	16,282.00	<b>25,735.00</b>
								Veranda	288.75	
						L407B	1	Insaka	2,472.75	
						L407C	1	External Shower	337.50	
						L407D	1	Piggery	504.00	
						L407E	1	Jatropha Tree	450.00	
415	L408	X1765	266529/46/1	LAWRENCE MWANSA	CHINSALI	L408A	1	Family House	18,228.00	<b>23,408.00</b>
						L408B	1	External Bathroom	1,680.00	
						L408C	1	Boundary Fence	3,500.00	
416	L409	X1765	266529/46/1	LAWRENCE MWANSA	CHINSALI	L409A	1	Family House	14,910.00	<b>16,163.00</b>
						L409B	1	Insaka	945.00	
						L409C	1	External Shower	308.00	
417	L410	X1765	204041/46/1	AARON SAMPA	CHINSALI	L410A	1	Family House	9,450.00	<b>11,041.98</b>
						L410B	1	Insaka	1,591.98	
418	L411	X1767	208931/46/1	EVANS BOWA	CHINSALI	L411A	1	Incomplete Family House	32,706.00	<b>32,706.00</b>
419	L415	X1737	226337/46/1	TAZAMA PUMP STATION	CHINSALI	L415A	6	Pine Trees	900.00	<b>900.00</b>

420	L424	X1741	202054/64/1	MARY KASONGO	CHINSALI	L424A	1	Chicken Run	139,284.00	<b>270,165.00</b>
								Veranda	5,913.00	
						L424B	1	Shop/Family House	108,000.00	
						L424C	1	Hammer Mill/Family House	16,968.00	
421	L425	X1194	304511/46/1	BEVIN SIMOVWE	CHINSALI	L425A	1	Shop	16,100.00	<b>16,727.90</b>
									Veranda	
422	L426	X1195	114089/46/1	ALESS KAKULA	CHINSALI	L426A	1	Collapsed Shop	9,210.00	<b>9,210.00</b>
423	L427	X1481	207840/11/1	MICHEAL MAXWELL MUBANGA	CHINSALI	L427A	1	Incomplete Shop	9,240.00	<b>9,240.00</b>
424	L428	X1197	193337/46/1	SYLVIA CHILUFYA	CHINSALI	L428A	1	Collapsed Shop	9,130.00	<b>9,130.00</b>
425	L429	X1196	862534/11/1	LISTER KAULU	CHINSALI	L429A	1	Shop	29,100.00	<b>30,675.00</b>
									Veranda	
426	L430	X1742	164104/46/1	GIVEN MULENGA	CHINSALI	L430A	1	Shop	6,272.00	<b>6,272.00</b>
427	L431	X1198	219906/46/1	LUTHER BWALYA KAUNDA	CHINSALI	L417A	1	Shop	58,520.00	<b>61,166.00</b>
									Veranda	
<b>TOTAL</b>									<b>16,402,746.86</b>	<b>16,402,746.86</b>

**17.0 Valuation**

Having regard to the contents of this report we are of the opinion that a realistic assessment of the **Replacement Cost of Buildings, Structures and Improvements** - as at the date of inspection can fairly be stated as follows:

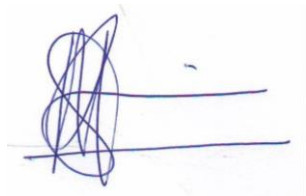
**ZMW16,402,746.86**  
**(Sixteen Million, Four Hundred and Two Thousand, Seven Hundred and Forty Six Kwacha, Eighty Six Ngwee)**

In accordance with our standard practice we must state that the valuation is confidential to the party to whom it is addressed and no responsibility is accepted to any third party for the whole or any part of its contents. If our opinion of value is disclosed to persons other than the addressees of this report the basis of valuation should be stated.

Neither the whole nor any part of this report or any references thereto should be included in any published document, circular or statement, nor published in any way without the prior written approval of the form and context in which it may appear.

This report has been prepared by **Martin Lengwe Sauti** and **Gregory Chapepwa Sinkamba** in accordance with the RICS Appraisal and Valuation Standards and the Valuation Surveyors Act (Cap 207) of the Laws of Zambia on behalf of Sandridge Associates.

Yours faithfully,



Martin L. Sauti, BSc, MSIZ, MZEIA  
**REGISTERED VALUATION SURVEYOR**  
For and on behalf of Sandridge Associates



Gregory C. Sinkamba, BSc, MSIZ  
**REGISTERED VALUATION SURVEYOR**  
For and on behalf of Sandridge Associates



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4<sup>th</sup> December, 2023

Our Ref: SA/2023/V2352/EM/MS/MLS/GCS/SB

The Managing Director  
Brian Colquhoun Hugh O'Donnell and Partners  
Consulting Engineers,  
Plot No. 41, Mulungushi Road  
Roma,  
P.O. Box 31943  
Lusaka

Attention: Mr. Tresphor Musonda - Associate Partner

Dear Sir,

**REPORT ON PROPERTY VALUATION CONSULTING SERVICES FOR THE RESETTLEMENT ACTION PLAN FOR THE REHABILITATION OF 161.5KM OF THE MPIKA – CHINSALI ROAD (T2) IN MUCHINGA PROVINCE**

**1.0 Instructions**

We make reference to the Contract between Brian Colquhoun Hugh O' Donnell and Partners Consulting Engineers and Sandridge Associates Limited in relation to providing Property Valuation Consulting Services for the Resettlement Action Plan (RAP) Study for the Rehabilitation of 161.5 Kilometres of the Mpika- Chinsali Road (T2) in Muchinga Province.

**2.0 Assignment Objective**

We understand that the main objective of this assignment is to carry out a valuation assessment of the assets that include structures, other land improvements and trees of economic value that will be incorporated in the detailed Resettlement Action Plan (RAP) for the above stated project.

**3.0 Dates of Inspection**

The subject structures, improvements and trees of economic value were inspected between 24<sup>th</sup> March 2023 and 26<sup>th</sup> April 2023 by Mr. Martin Lengwe Sauti and Miss Monde Simwanza (Both Registered Valuation Surveyors under CAP 207 of the laws of Zambia) and Mr. Enoch Mumba (an Assistant Valuation Surveyor); and information regarding the construction materials and gross external floor areas, photographs, perimeters for structures and information to be able to come up with valuation assessments were obtained.

#### **4.0 The Property Survey Process undertaken**

##### **Reconnaissance survey**

The consultant conducted the reconnaissance survey along with the land surveyor, social and economic experts along the Great North road between Mpika and Chinsali turn off.

##### **Valuation Survey**

The specific objectives of the Property Survey and Valuation are as shown below;

- Survey and value all structures and trees of economic value affected within the project area;
- Obtain all relevant information necessary to identify all property owners and other persons that are likely to be affected by the project, using the identifications, descriptions, photographs, coordinates that show the affected assets within the project area.
- carry out a detailed valuation assessment of all structures and trees of economic value affected by the project in order to provide the basis for compensation.

##### **Measurements**

All measurements were taken in accordance with the Royal Institution of Chartered Surveyors (RICS) Code of Measuring Practice as recognized by the Surveyors Institute of Zambia (SIZ) - Valuation Chapter. Measurements were taken on a Gross External Area (GEA) and Perimeter basis.

All data and dimensions deemed to be technical in nature and thus not relevant to the client have been excluded from this report.

#### **5.0 Principles for Valuation Relied Upon**

##### **Zambia's Compensation Law**

##### **5.1 The Constitution of the Republic of Zambia**

The Constitution of Zambia, Chapter 1 of the Laws of Zambia, and Article 16 of the Constitution provides for the fundamental right to property and protects persons from the deprivation of property. It states that a person cannot be deprived of property compulsorily except under the Authority of an Act of Parliament, which provides for adequate payment of compensation. The Article further provides that the Act of Parliament under reference shall provide that in default of agreement on the amount of compensation payable, a court of competent jurisdiction shall determine the amount of compensation.

##### **5.2 The Land Acquisition Act**

The Land Acquisition Act, Chapter 189 of the Law of Zambia provides that assessment for compensation for involuntary acquisition of land/property must be at market value. It states that:

*“... the value of the property shall, subject as hereinafter provided, be the amount which the property might be expected to realize if sold in the open market by a willing seller at the time of publication.... Of notice to yield up possession.”*



### 5.3 The Public Roads Acts

The Public Roads Act, 2002 section 18 (3) gives authority to the Road Development Agency (RDA) to enter upon any land for purposes of extraction of materials for road formation. The Act under the same section provides for the notification to the property/land owner before preparation for commencement of extraction of materials starts. Under section 18 (4) of the Act, compensation should be paid to the affected land owner/occupier if such land is on title. Section 18 (5) of the said Act allows the land/owner occupier to submit some written request to the Agency for any expense or loss that may be incurred if such land is appropriated.

Section 18 (6), the Act states that in the event of failure to agree upon the amount of compensation the matter shall be decided by arbitration in accordance with the Arbitration Act.

The Act under section 18 (7) provides a number of conditions which shall form the basis for assessment of properties or envisaged losses that are the subject of disagreements.

#### The European Investment Bank Guidelines

- 1 *Whenever feasible, the promoter shall offer all PAPs an informed choice of either compensation in kind (land-for-land; house-for-house; shop-for-shop) or monetary compensation at **full replacement cost**. The promoter shall respect the choice stated by the PAPs.*
- 2 *Where the PAPs' livelihood is land-based or the land is collectively owned, the promoter shall favour land-for-land compensation. If this option is not available, the promoter shall provide sufficient justification to the EIB as to why this option is not feasible, including justification that livelihoods are not affected by not replacing land.*
- 3 *All PAPs who occupy/use the land and/or assets but have no recognizable legal rights or claim to it/them shall receive compensation for the structures they own and occupy, and/or livelihood restoration measures, and/or other assistance/compensation in accordance with the guidelines of the European Investment Bank.*
- 4 *PAPs who have formal legal rights to land or assets shall receive compensation for land. With respect to land, PAPs who have no legal rights shall receive, as a minimum, sufficient resettlement assistance for re-establishing, and possibly improving, their livelihoods and/or residence elsewhere.*
- 5 *In cases of physical displacement:*
  - a. *Where alternative housing is offered, the new residence's value should be equal to or higher than prior-project conditions, with equivalent or better characteristics, advantages and location. For PAPs under paragraph 3 above, the promoter shall provide arrangements to allow them to obtain adequate housing and pursue security of tenure;*
  - b. *Where cash compensation is offered, the valuation of all affected assets shall be at the full replacement cost; and*
  - c. *Where tenants are being displaced, arrangements shall be put in place to help them secure alternative housing.*

## Eligibility Criteria According to the European Investment Bank

All displaced persons or Project Affected Persons (PAPs) are eligible for certain types of mitigation measures. They may be classified as:

- a. Persons with formal legal rights to land or assets (including customary and traditional rights recognized under national laws);
- b. Persons who do not have formal legal rights to land and/or assets, but who have claims to land or assets that are recognized or recognisable under national laws or customary and traditional rights;
- c. Persons who occupy/use the land and/or assets but have no recognisable legal rights or claim to it/them.

### **Replacement cost addresses tangible assets only**

Replacement cost addresses compensation for tangible assets, primarily, houses, other structures, trees, crops, access to water, and improvements on the land. Because valuation cannot be established for intangibles - sentimental attachments; proximity to neighbors or relatives; spiritual sites; aesthetic qualities, such as the view - compensation at replacement cost refers to compensation for tangible assets only. Intangible factors can have economic value (for example, customer goodwill), however, and intangible attachments can be important to Displaced People.

## 6.0 Basis of Compensation Valuation Adopted

The basis adopted for the valuation of the various structures for Compensation Purposes is **Full Replacement Cost** which is defined as follows:

*Full replacement cost is defined by the EIB Environmental and Social Standards as a method of valuation that provides sufficient compensation for replacing assets and transaction costs. Where functioning markets exist, the full replacement cost is the market value as established through independent and competent real estate valuation, plus transaction costs. Where functioning markets do not exist, the full replacement cost can be determined through alternative means, such as the calculation of the output value for land or productive assets, or the undepreciated value of replacement material and labour for the construction of structures or other fixed assets, plus transaction costs. In all instances where physical displacement results in the loss of shelter, the full replacement cost must at least be sufficient to enable the purchase or construction of housing in a similar condition to the housing impacted by the project.*

This report and valuations referred to therein, have been prepared in accordance with the EIB Environmental and social standards in relation to Compensation in Involuntary Resettlement.

## 7.0 Methodology of Valuation

### 7.1 Valuation Methodology in Zambia

The valuation surveying of property in Zambia is carried out by valuation professionals registered under the *Valuation Surveyors Act Chapter 207* of the Laws of Zambia. A Registered Valuation Surveyor (with Valuation Surveyors Registration Board VSRB) is a trained professional who has a thorough knowledge and understanding of the factors that create, maintain or diminish values of real estate or assets. Valuation of assets is done in accordance with the Practice Statements and Guidance Notes published by the

International Valuation Standards Committee (IVSC), adopted and recognized by the Surveyors Institute of Zambia (SIZ).

### 7.1.1 **Methods of Valuation**

Generally, there are five methods of valuation of fixed assets that are relevant to the Zambian market namely; (1) Cost Approach or Contractor's Method (2) Sales or Direct Comparison Method (3) Investment Method (4) Residual Method (5) Profits Method. For purpose of this assignment only approaches 1 and 2 are relevant. Method 1 and 2 - Cost Approach or contractors method and Sales or Direct Comparison Approach - were used to value replacement of the assets. Below is the brief description of the traditional methods of valuation (1) and (2) which are applicable to this Survey.

#### **Cost Approach or Contractor's Method**

This approach is based on answering the question, "How much does it cost to build the same structure today?" It includes the cost of design plus other professional fees. This cost of replacement approach is sometimes referred to as the contractors approach or contractors test and is used mainly to value individual structures and machinery.

All components of the impacted structure are compensated for on a material by material basis. The data to come up with unit costs is normally obtained from hardware shops, Quantity Surveyors, Contractors, Government Departments and other sources as necessary.

As this method requires descriptive data on the improvements being valued, the first step in the Contractor's method is data collection. The second step is to determine an accurate cost estimate. Costs consist of all expenditures necessary to complete construction of a house or other building. They are either direct or indirect costs. Direct costs include materials and unskilled labour, while indirect costs include skilled labour and the monetary cost of obtaining a building permit, registering the house with relevant government agency, and designing fees of hiring an architect to design the house.

This cost method equates to the replacement cost as prescribed by the EIB environmental and social standard.

### 7.2 **Methodology and Approach Adopted**

#### **(i) Replacement Cost for Buildings and Other Structures**

[The cost approach or contractors method]"**Replacement cost**" as the method of valuation of assets that helps determine the amount sufficient to replace lost assets and cover transaction costs. In applying this method of valuation, depreciation of structures and assets should not be taken into account.

The valuation basis adopted for valuing the developments on the land taken for compensation is the current replacement cost or equivalent reinstatement basis or probable cost of acquiring similar premises for the same purpose. This is the amount it would cost to search for a supplier of the construction material, the cost to purchase, transport and insure the materials to the site, and the costs of erection of the premises, including professional fees, and completed to a standard as existing at the valuation date.

It should be noted that the structures have not been valued at market value because replacement cost is not synonymous with value.

### **(ii) Trees of Economic Value**

Where markets exist, the value of a tree of a specified age is used to determine compensation rates. For trees of economic value, the value is equal to the cumulative value of the production of the tree (for example fruit, fodder, and timber) for its productive life and any timber value. If replacement trees are provided, good practice indicates that compensation be based on the value of the harvests lost until the replacement trees come into full production (typically, 7 - 10 years).

### **(iii) Water Wells/Boreholes**

The methodology we have used in the valuation for the water wells is the replacement cost approach where depreciation has not been taken into account.

## **8.0 Source of Information**

Information obtained included information provided by the various occupants of the respective subject structures, and information obtained during inspections of the same structures. The Land Surveyor provided the coordinates for the various structures and improvements belonging to PAPs.

## **9.0 Project Brief Background**

This valuation report is submitted in relation to the proposed project to rehabilitate the T2 Road from Mpika to Chinsali, which is part of the Great North Road.

The project road is located in Muchinga Province of Zambia, and starts at Mpika and ends at Chinsali turnoff. The project will involve a full reconstruction and widening of the existing carriageway and the enforcement of the mandatory road reserves as enshrined in the Public Roads Act of 100m for the rural sections and 36m for the urban sections and heavily populated areas of Mpika (Ch0+00-Ch7+780); Shiwang'ndu urban (Ch86+800) and Chinsali turnoff (Ch165+645).

The proposed development will affect several hundred households that have settled in the road reserve. Therefore the purpose of this document is to identify the Project Affected Persons (PAPs) and assess the assets therein that includes dwellings structures, trees of economic value and other improvements for the purpose of compensation.

## **10.0 Location**

The subject structures are located in between Mpika and the Chinsali turnoff in Chiefs Chikwanda, Mukwikile, Chibesakunda and Nkula's Chiefdoms in Mpika, Shiwang'andu and Chinsali Districts of Muchinga Province.

## Project Area



### 11.0 Climate & Rainfall of Muchinga Province

Muchinga Province is situated in the North East Part of Zambia and it has vast arable land and good climatic conditions with normal to above normal rainfall patterns. It enjoys typical tropical weather with average temperature of about 10 degree C in the dry season to 30 degree C in wet season.

#### (a) Maize production in various parts of Zambia

Among the nine Zambian provinces, the Eastern province is the largest maize producer, followed by the Southern and Central provinces. Then Luapula, Lusaka, North-western and Western provinces only register small amounts of production. Taking transport cost into consideration, production may correlate with accessibility to the capital. Unit yield stands at 1.5 - 2.0 tonnes per hectare each year in most of the provinces, but often does not reach 1.0 tonnes per hectare in the Western province.

#### (b) Cropping System, Cultivation Methods and Use

##### (i) Cropping system

Zambia has clear rainy and dry seasons (Figure II-1-3). Vegetables are cultivated in the dry season, from May to October, while maize and other cereal are grown in the rainy season, from November to April. Although rain-fed cultivation prevails for maize, it is also grown in the dry season where irrigation facilities are available. Maize is typically grown in permanent fields.

**(ii) Cultivation methods**

Seeds are sown by early-December for rain-fed cultivation during the rainy season. It is recommended to sow 20-30kg/ha of seeds with an inter-row space of 75-100cm, inter-stock space of 15-30cm and seeding rate of 4-5 stocks/m<sup>2</sup>. Bud emergence is the best when seeds are sown at the depth of 5cm, or 3-4cm in hard soil. As regards hybrid varieties, it is recommended to apply 300-400kg/ha of D-compound (N:P:K=10:20:10) for basal dressing and 250-300kg/ha of urea for top dressing. Fertilizer application has little effect on traditional varieties. Sufficient weeding is required for the first six to eight weeks of growing.

**(iii) Use**

Zambian maize is mostly used as food, although it is also used for brewing and animal consumption. As a staple crop, most of the maize is milled and then boiled in hot water until it thickens like dough for eating. This staple food is known as *nshima* in Zambia.

**12.0 Land Rights and Governance in Zambia**

The 1995 Lands Act vests all land in the President for and on behalf of all the Zambian people. It provides that land may be administered under two tenure systems: statutory and customary tenure.

Statutory land is administered in accordance with written laws, by government officials, customary land is administered by traditional authorities based on unwritten and localised customary laws. Customary land is more easily, available to many poor and vulnerable groups of society it is not well documented and boundaries between chieftdom and individual customary landholders are not clear. The Lands Act also provides mechanisms for the conversion of customary land to statutory land. However, there are no provisions for the reverse.

CAP 184 of the Lands Act Section 7 recognizes the holding of Customary land tenures as follows;

- Section 7.** (1) Notwithstanding subsection (2) of section *thirty-two* but subject to section *nine*, every piece of land in a customary area which immediately before the commencement of this Act was vested in or held by any person under customary tenure shall continue to be so held and recognized and any provision of this Act or any other law shall not be so construed as to infringe any customary right enjoyed by that person before the commencement of this Act.
- (2) Notwithstanding section *thirty-two*, the rights and privileges of any person to hold land under customary tenure shall be recognised and any such holding under the customary law applicable to the area in which a person has settled or intends to settle shall not be construed as an infringement of any provision of this Act or any other law except for a right or obligation which may arise under any other law.

### 13.0 Certification

We, **Martin Lengwe Sauti** and **Gregory Chapepwa Sinkamba**, do hereby certify as follows:-

- (a) that We have inspected the Buildings and Improvements, provided with necessary information and considered the relevant factors affecting their reinstatement cost;
- (b) that We and Sandridge Associates have no undisclosed or contemplated interest in the Assets valued;
- (c) that we are qualified Valuation Surveyors and licensed to practice by the Valuation Surveyors Registration Board in accordance with the Valuation Surveyors Act, Cap. 207 of the Laws of Zambia.

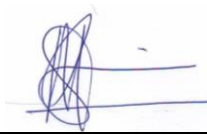



### 14.0 Publication

Neither the whole nor any part of this Report or any reference thereto may be reproduced or included in any published document, circular or statement without the prior written agreement of the Valuer as to the form and context in which it may appear.

### 15.0 Confidentiality

The Report and the values given have been provided for the stated purpose and for the sole use of **Brian Colquhoun Hugh O'Donnell and Partners**, and for the specific purpose to which it refers. It is confidential to the Company and their professional advisers in this matter. Consequently, Sandridge Associates and its employees accept no responsibility whatsoever to any third party for any loss, direct or consequential, which might arise from reliance on the report or any part of its contents.

## QUALITY ASSURANCE CONTROL PLAN

<b>CONSULTANT:</b> SANDRIDGE ASSOCIATES LIMITED		<b>REPORT</b>		
<b>PROJECT TITLE:</b> PROPERTY VALUATION CONSULTING SERVICES FOR THE RESETTLEMENT ACTION PLAN FOR THE REHABILITATION OF 161.5KM OF THE MPIKA – CHINSALI ROAD (T <sub>2</sub> ) IN MUCHINGA PROVINCE		<b>PROJECT IDENTIFICATION No:</b>		
<b>REPORT /DOCUMENT TITLE:</b>		<b>SUBMISSION DATES</b>		
<b>Document Status:</b>	<b>Initial Issue:</b> Draft Inception Report Presentation	<b>Issue Date:</b>	June, 2023	
<b>Document Status</b>	<b>Second Issue:</b> Complete draft Report (Soft Copy)	<b>Issue Date:</b>	16 <sup>th</sup> June, 2023	
<b>Document Status</b>	<b>Third Issue:</b> Final Valuation Report	<b>Issue Date:</b>	28 <sup>th</sup> June, 2023	
<b>Document Status</b>	<b>Fourth Issue:</b> Revised Final Valuation Report	<b>Issue Date</b>	4 <sup>th</sup> December, 2023	
<b>Report prepared for:</b>	<b>Client's Name:</b> The Managing Director Brian Colquhoun Hugh O'Donnel and Partners Consulting Engineers, Plot No. 41, Mulungushi Road, Roma, P.O. Box 31943 Lusaka	<b>Contact Person:</b> <b>Mr. Tresphor Musonda</b> <b>Mobile:</b> 0977850421 <b>Tel No.:</b> +260211 233 039 <b>Email:</b> tresphor@bchodzam.com.zm		
The signatures below certify that this procedure has been reviewed and accepted, and demonstrates that the signatories are aware of all the requirements contained herein and are committed to ensuring their provision.				
<b>Approvals</b>	<b>Name</b>	<b>Position</b>	<b>Signature</b>	<b>Date</b>
<b>Compiled by</b>	Martin Lengwe Sauti	Team Leader/ Registered Valuation Surveyor		04/12/2023
<b>Reviewed by</b>	Gregory Chapepwa Sinkamba	Assistant Team Leader/ Registered Valuation Surveyor		04/12/2023
<b>Reviewed by</b>	Siliya Banda	Project Manager/Registered Valuation Surveyor		04/12/2023
<b>Reviewed by</b>	Monde Simwanza	Assistant Project Manager/Registered Valuation Surveyor		04/12/2023
<b>Reviewed by</b>	Oliver Mwansa Mpundu	Registered Valuation Surveyor		01/12/2023



## 16.0 Summary of Compensation Values for Structures and Fruit Trees

These are summarized in the schedule below: and the compensation values have been assessed taking into account all the relevant factors as at the date of valuation.

Item	Site ID	OIN	NRC No.	NAME	DISTRICT	AIN	QTY	ASSETS	VALUE	TOTAL PER PAP
1	R001	X0966	227750/45/1	OSCAR SIMWANZA	MPIKA	R001A	2	Pine Tree	1,100.00	<b>1,100.00</b>
2	R002	X0967	136106/68/1	EDSON KAKULA	MPIKA	R002A	3	Mango Tree	240.00	<b>1,390.00</b>
						R002B	1	Avocado	120.00	
						R002C	4	Guava Tree	280.00	
						R002D	15	Banana (15 No. Sucker)	750.00	
3	R003	X0968	131350/11/1	STEVEN CHIPOKWA	MPIKA	R003A	3	Mango Tree	240.00	<b>470.00</b>
						R003C	1	Fence	230.00	
4	R004	X0969	202135/45/1	FIELDER CHINUKWE	MPIKA	R004A	3	Mango Trees	3,600.00	<b>3,600.00</b>
5	R005	X0970	-	RUTH MUTALE (DECEASED)	MPIKA	R005A	1	Eucalyptus	600.00	<b>1,100.00</b>
						R005B	1	Pine Tree	500.00	
6	R006	X1131	152512/68/1	JOHN CHIBEKA	MPIKA	R006A	2	Pine Tree	1,000.00	<b>2,200.00</b>
						R006B	1	Mango Tree	1,200.00	
7	R007	X1132	143552/45/1	GRACE BWALYA	MPIKA	R007A	8	Pine Trees	4,000.00	<b>4,000.00</b>
8	R008	X1220	797179/11/1	MUKUZO NGWANE	MPIKA	R008A	1	Restaurant/Bar	258,750.00	<b>258,750.00</b>
9	R009	X1162	139255/45/1	CHILESHE SAMPA	MPIKA	R009A	1	Shop	22,050.00	<b>22,050.00</b>
10	R010	X1172	133697/46/1	MARIA JOHN PULANTINA	MPIKA	R010A	1	Pit Latrine	2,117.50	<b>6,143.50</b>
						R010B	1	External Bathroom	648.00	
						R010C	1	External Kitchen	3,038.00	
						R010D	2	Avocado Trees	240.00	
						R010E	2	Banana Suckers	100.00	
11	R010.1	X1162	135028/46/1	LAFE KATONGO LANGIMELA	MPIKA	R010.1A	1	Mexican Apple	650.00	<b>650.00</b>

12	R011	X099	158420/55/1	JOHN MUMBI	MPIKA	R011A	1	Family House	92,394.00	<b>95,190.00</b>		
								Veranda	1,296.00			
						R011D	1	Avocado Tree	1,500.00			
13	R012	X0100	142282/46/1	JOSEPH CHIKUMBA (COOPERATIVE)	MPIKA	R012A	1	Pit Latrine	7,020.00	<b>7,020.00</b>		
14	R013	X0101	287000/45/1	BRIAN CHANDA	MPIKA	R013A	1	Block of Shops	223,771.00	<b>231,486.45</b>		
								Veranda	7,443.45			
						R013B	1	Fence	272.00			
15	R014	X0102	179522/45/1	JAMES LOMBE	MPIKA	R014A	1	Shop (Complete Part)	15,390.00	<b>24,000.00</b>		
								Shop (Incomplete Part)	8,400.00			
								Veranda	210.00			
16	R015	X0103	208329/45/1	LUKONDE MULONGA	MPIKA	R015A	1	Shop/Family House	63,350.00	<b>64,998.50</b>		
								Veranda	1,648.50			
17	R016	X0104	174949/45/1	KENNEDY CHANDA	MPIKA	R016A	1	Shop	16,335.00	<b>17,226.00</b>		
								Veranda	891.00			
18	R017	X0106	139674/47/1	HILDA MUWOWO	MPIKA	R017A	1	Family House	78,336.00	<b>92,586.00</b>		
						R017B	31	Banana Suckers	4,650.00			
						R017C	8	Mango Trees	9,600.00			
19	R018	X0201	183794/45/1	MABVUTO CHEWE	MPIKA	R018A	1	Family House	104,328.00	<b>104,328.00</b>		
20	R019	X0108	181941/45/1	PASCALINA MWAMBA	MPIKA	R019A	1	Family House	130,466.70	<b>142,877.24</b>		
								Veranda	1,606.50			
								R019B	8		Mango Tree	7,200.00
								R019C	1		Insaka	2,154.04
								R019D	1		Guava Tree	650.00
						R019E	1	External Bathroom	800.00			
21	R020	X0109	184654/45/1	JOSEPH MUTALE	MPIKA	R020A	1	Incomplete Family House	132,960.00	<b>140,310.00</b>		
						R020B	1	Guava Trees	550.00			

						R020C	1	Paw Paw	200.00		
						R020D	6	Mango Trees	5,400.00		
						R020E	1	Eucalyptus	1,200.00		
22	R021	X0110	100296/17/1	BETTY LUNGU	MPIKA	R021A	1	Family House	203,325.00	<b>229,796.25</b>	
								Veranda	641.25		
						R021B	1	Poultry Pen	21,960.00		
						R021C	1	Pit Latrine	3,870.00		
23	R022	X0063	103045/46/1	MARGARET MAKASA	MPIKA	R022A	1	Family House	95,200.00	<b>95,200.00</b>	
24	R023	X0062	182747/45/1	TRESPHORD CHEWE	MPIKA	R023A	1	Shop/Family House	83,790.00	<b>137,387.00</b>	
									Veranda		1,755.00
									Family House		47,790.00
						R023B	1	Pit Latrine	3,080.00		
						R023C	1	Pit Latrine	972.00		
25	R024	X0061	106570/45/1	STEVEN MWANSA	MPIKA	R024A	1	Shop/Family House	121,500.00	<b>123,978.60</b>	
									Veranda		2,478.60
26	R025	X1202	182746/45/1	JAMES CHEWE	MPIKA	R025A	1	Shop	58,240.00	<b>62,177.25</b>	
									Veranda		1,160.25
						R025B	1	Fence	976.00		
						R025C	1	Family House (Fallen)	1,081.00		
						R025E	1	External Bathroom	720.00		
27	R026	X0060	389935/11/1	HENRY NGOSA CHANDA	MPIKA	R026A	1	Shop/Family House	132,600.00	<b>137,076.00</b>	
									Veranda		2,601.00
						R026B	1	Pit Latrine	1,875.00		
28	R027	X0059	327098/61/1	MARTIN MWILA	MPIKA	R027A	1	Block of Shops	83,720.00	<b>86,618.00</b>	
									Veranda		2,898.00
29	R028	X1203	354357/61/1	DICKSON MUSHIMWA	MPIKA	R028A	1	Block of Shops/Family House	157,880.00	<b>163,160.00</b>	

								Veranda	5,280.00	
30	R029	X0029	157533/46/1	FOSTINA MASHIBA	MPIKA	R029A	1	Pit Latrine	1,237.50	1,881.50
						R029B	1	External Bathroom	644.00	
31	R029.1	X1221		CHARLES CHAPAROKO	MPIKA	R029.1A	1	Boundary Fence	7,500.00	7,500.00
32	R030	X1222	229925/45/1	RICHARD MUKUKA	MPIKA	R030A	1	Family House	11,025.00	11,025.00
33	R031	X0030	278218/43/1	MISHECK LUMBWE	MPIKA	R031A	1	Pit Latrine	2,116.00	2,116.00
34	R032	X0031	160757/46/1	ACKIM CHANDA	MPIKA	R032A	1	Family House	161,280.00	167,542.00
								Veranda	1,512.00	
						R032B	1	Pit Latrine	2,800.00	
						R032C	3	Mexican Apple	1,500.00	
						R032D	1	Peaches	450.00	
35	R033	X1113	159839/46/1	DELIS MUTALE	MPIKA	R033A	1	Insaka	4,800.00	8,090.00
						R033B	1	External Bathroom	540.00	
						R033C	1	Pit Latrine	2,750.00	
36	R034	X0033	225765/45/1	JOSEPH CHANDA	MPIKA	R034A	1	Shop	3,388.00	8,401.00
						R034B	1	External Bathroom	2,520.00	
						R034C	1	Pit Latrine	2,093.00	
						R034D	2	Lemon Trees	400.00	
37	R035	X0044	204119/45/1	EVARINE CHIBESA	MPIKA	R035A	1	Ablution Block	7,350.00	7,350.00
38	R036	X1163	205856/45/1	JOYCE CHIPAPAU	MPIKA	R036A	1	Pit Latrine	720.00	720.00
39	R037	X0037	181925/45/1	PAMELA MUMBA	MPIKA	R037A	1	Pit Latrine	3,290.00	4,140.00
						R037B	1	External Bath Shelter	700.00	
						R037C	1	Avocado	150.00	
40	R037.1	X1223		HENRY KANGWA	MPIKA	R037.1A		Pit Latrine	4,620.00	4,620.00
41	R038	X0038	280289/74/1	JOSEPHAT CHIBESA	MPIKA	R038A	1	Restaurant/Shop/House	82,306.00	83,731.00
						R038B	1	Pit Latrine	1,425.00	
42	R039	X0039	181263/31/1	FELIX YAMBA	MPIKA	R039A	1	Boundary Fence	10,000.00	110,972.20

						R039B	3	Bananas	150.00	
						R039C	5	Lemon Trees	750.00	
						R039D	1	Guava Tree	250.00	
						R039E	3	Avocado Trees	810.00	
						R039F	1	Family House	97,580.00	
								Veranda	1,432.20	
43	R040	X0973	113482/45/1	LUKA SIKAONGA (PA NGULUBE GARDENS & BAR)	MPIKA	R040A	1	Boundary Fence	30,500.00	<b>40,253.15</b>
						R040B	1	Ablution Block	9,753.15	
44	R041	X0040	153444/45/1	FAIDES WAASHENI	MPIKA	R041A	1	Shop	5,967.50	<b>5,967.50</b>
45	R042	X0041	200159/45/1	FREDRICK NGULUBE	MPIKA	R042A	1	Shop (Complete Part)	23,679.00	<b>31,520.50</b>
								Shop (Incomplete Part)	4,851.00	
						R042B	1	External Bathroom	840.00	
						R042C	1	Pit Latrine	2,150.50	
46	R043	X0042	180723/45/1	HILDA LUNDALUNDA	MPIKA	R043A	1	Pit Latrine	2,940.00	<b>2,940.00</b>
47	R044	X0064	175416/45/1	HUMPHREY MUKUKA	MPIKA	R044A	1	Boundary Fence	7,232.50	<b>145,383.88</b>
						R044B	1	Shop	28,116.00	
						R044C	1	Pit Latrine	1,203.00	
						R044D	1	Shop	68,160.00	
						R044E	1	Pit Latrine	2,800.00	
						R044F	1	Insaka	2,884.88	
						R044G	1	Incomplete Shop	27,900.00	
						R044H	1	Rectangular Insaka	7,087.50	
48	R44.1	X1224		COMMUNITY BOREHOLE	MPIKA	R044.1A	1	Bore Hole Fitted with Pump	35,000.00	<b>35,000.00</b>
49	R045	X0043	282847/47/1	SHARON MUKUKA	MPIKA	R45A	1	Restaurant	48,000.00	<b>49,620.00</b>
								Veranda	1,620.00	
50	R046	X0046	188103/45/1	JOSEPH MUMBA	MPIKA	R046A	1	Shop	50,400.00	<b>330,495.28</b>
						R046B	1	Fence	15,270.00	

						R046C	1	Poultry Pen	79,380.00		
						R046E	1	Family House	81,312.00		
									Garage	2,829.75	
									Veranda	1,402.50	
						R046F	1	Storeroom	6,510.00		
						R044G	1	Mango Tree	750.00		
						R046H	1	Block of Shops	88,545.60		
									Veranda	4,095.43	
51	R047	X0065	175416/45/1	HUMPHREY MUKUKA	MPIKA	R047A	1	Shop	18,900.00	21,706.50	
									Veranda		1,606.50
						R047B	1	Paw Paw Tree	1,200.00		
52	R048	X0067	132828/45/1	JOSEPHINE KANGWA	MPIKA	R048A	1	Shop	33,480.00	34,020.00	
									Veranda		540.00
53	R049	X0068	173146/45/1	ELIZABETH MEKAMU	MPIKA	R049A	1	Family House	26,250.00	26,450.00	
						R049B	4	Bananas	200.00		
54	R050	X1208	176104/45/1	NASON MUKUMBE	MPIKA	R050A	1	Barber Shop	9,418.50	172,326.25	
						R050B	1	Poultry Pen	21,849.75		
						R050C	1	Family House	131,580.00		
									Veranda		2,808.00
						R050D	2	Paw Paw Tree	1,800.00		
						R050E	1	Mexican Apple	450.00		
						R050F	1	Pit Latrine	3,500.00		
						R050G	1	Lemon Tree	600.00		
						R050H	1	Guava Tree	120.00		
						R050I	1	Moringa	200.00		
55	R051	X044	187527/45/1	FABIANO MUMBI	MPIKA	R0051A	1	Family House	14,560.00	15,256.00	
									Veranda		546.00

						R0051B	1	External Bathroom	150.00	
56	R051.1	X1225	257559/45/1	SILVIA MULENGA	MPIKA	R051.1A	1	External Bathroom	912.00	<b>912.00</b>
57	R052	X0045	294685/45/1	CATHERINE KANGWA	MPIKA	R052A	1	Family House	2,420.00	<b>3,140.00</b>
						R052B	1	External Bathroom	720.00	
58	R053	X0069	105354/45/1	ROSEMARY MULEMBE	MPIKA	R053A	1	Incomplete Shop	6,300.00	<b>12,184.44</b>
						R053B	1	Mango Tree	250.00	
						R053C	1	Guava Tree	600.00	
						R053D	1	Insaka	2,384.44	
						R053E	1	Lemon Tree	550.00	
						R053F	30	Bananas	2,100.00	
59	R054	X0923	N/A	MPIKA TOWN COUNCIL	MPIKA	R054A	1	Office	14,798.50	<b>21,850.50</b>
						R054B	1	External Bathroom	6,380.00	
						R054C	1	Pit Latrine	672.00	
60	R054.1	X0924	-	EMELIA NGALA	MPIKA	R054.1	1	Mango Tree	750.00	<b>750.00</b>
61	R055	X0071	170107/45/1	ROYDAH SAMPALA	MPIKA	R055A	1	Shop	8,729.00	<b>49,354.00</b>
						R055B	1	External Bathroom	800.00	
						R055C	1	Family House	39,825.00	
62	R056	X0072	146399/45/1	MUBANGA CHANDA	MPIKA	R056A	1	Shop	13,377.00	<b>14,457.00</b>
						R056B	1	External Bathroom	1,080.00	
63	R057	X1207	300696/45/1	FRANCIS MWANSA	MPIKA	R057A	1	Shop	7,854.00	<b>7,854.00</b>
64	R058	X1436	294777/45/1	DAVIES CHANDA	MPIKA	R058A	1	Shop	3,380.00	<b>9,806.00</b>
						R058B	1	Shop	6,426.00	
65	R059	X0070	153530/16/1	STEPHEN CHILESHE MALAMA	MPIKA	R059A	15	Pine Trees	13,500.00	<b>17,250.00</b>
						R059B	5	Mango Trees	3,750.00	
66	R060	X0112	298183/45/1	MILDRED CHOLA	MPIKA	R060A	1	Family House	33,732.00	<b>35,232.00</b>
						R060B	1	External Bathroom	800.00	

						R060C	3	Banana Suckers	450.00	
						R060D	1	Pine Tree	250.00	
67	R061	X0165	248914/45/1	PATRICK MALAMA	MPIKA	R061A	1	Block of Shops	20,250.00	<b>20,250.00</b>
68	R062	X0066	180785/45/1	MOSES MALAMA	MPIKA	R062A	1	Shop	15,750.00	<b>17,110.00</b>
						R602 B	1	Pit Latrine	360.00	
						R062C	1	Collapsed Pit Latrine	1,000.00	
69	R063	X0932	175353/45/1	RABECCA CHANDA	MPIKA	R063a	1	Incomplete House	5,719.00	<b>5,719.00</b>
70	R064	X0932	175353/45/1	RABECCA CHANDA	MPIKA	R064A	1	Abandoned Family House	1,650.00	<b>2,958.00</b>
						R064B	1	Abandoned External Bathroom	720.00	
						R064C	1	Abandoned Pit Latrine	588.00	
71	R065	X0933	221343/46/1	ALLAN MWELWA	MPIKA	R065A	1	Family House	3,731.75	<b>7,301.75</b>
						R065B	6	Mango Tree	2,400.00	
						R065C	1	Guava Tree	200.00	
						R065D	7	Mulberry Tree	840.00	
						R065E	1	Mexican Apple	80.00	
						R065F	1	Banana (1 No. Sucker)	50.00	
72	R066	X0934	106365/45/1	LAUTENTI NSALAMO	MPIKA	R066A	1	Collapsed Family House	6,250.00	<b>8,512.00</b>
						R066B	1	Pit Latrine	1,620.00	
						R066C	1	External Bathroom	392.00	
						R066D	1	Mango Tree	250.00	
73	R067	X1169	294746/45/1	IREEN MWANGO	MPIKA	R067A	1	Pit Latrine	1,408.00	<b>2,758.00</b>
						R067B	1	Collapsed Family House	900.00	
						R067C	1	Mexican Apple	450.00	
74	R068	X1441	227599/45/1	FRIDAH BWALYA	MPIKA	R068A	1	Pit Latrine	1,000.00	<b>1,900.00</b>
						R068B	1	Mango Tree	900.00	



75	R068.1	-	-	UNKNOWN	MPIKA	R068.1A	1	External Bathroom	840.00	<b>840.00</b>
76	R068.2	X1411	N/A	COMMUNITY TAPS	MPIKA	R068.2A	1	Tap	6,500.00	<b>32,500.00</b>
						R068.2B	1	Tap	6,500.00	
						R068.2C	1	Tap	6,500.00	
						R068.2D	1	Tap	6,500.00	
						R068.2E	1	Tap	6,500.00	
77	R069	X1171	200228/45/1	MULENGA RONALD	MPIKA	R069A	1	Collapsed Family House	1,300.00	<b>1,300.00</b>
78	R069.1	X2831	-	UNKNOWN	MPIKA	R069.1A	32	Pine Trees	25,600.00	<b>25,600.00</b>
79	R070	X0935	184395/45/1	NOID KABWE MUSONDA	SHIWANG'ANDU	R070A	1	Shop	20,160.00	<b>34,382.50</b>
								Veranda	945.00	
						R070B	1	Shop	11,137.00	
						R070C	1	Insaka	420.50	
						R070D	1	External Bathroom	1,720.00	
80	R071	X0936	175967/46/1	AGNESS CHISANGA	SHIWANG'ANDU	R071A	1	Pit Latrine	1,575.00	<b>2,465.00</b>
						R071B	1	External Bathroom	540.00	
						R071C	1	Avocado Tree	200.00	
						R071D	1	Paw Paw Tree	150.00	
81	R072	X0945	136382/47/1	FRANKSON MUSUKWA	SHIWANG'ANDU	R072A	1	Family House	10,500.00	<b>10,500.00</b>
82	R073	X0936	175967/46/1	AGNESS CHISANGA	SHIWANG'ANDU	R073A	1	Shop	28,836.00	<b>46,697.70</b>
						R073B	1	Shop	16,065.00	
								Veranda	596.70	
R073C	1	Pit Latrine	1,200.00							
83	R074	X0937	164825/47/1	DERICK NYIRONGO	SHIWANG'ANDU	R074A	1	Shop	12,960.00	<b>12,960.00</b>
84	R075	X0935	184395/45/1	NOYD KABWE MUSONDA	SHIWANG'ANDU	R075A	1	Shop	18,002.70	<b>20,522.70</b>

						R075B	1	External bathroom	720.00	
						R075C	1	Dilapidated Shop	1,800.00	
85	R076	X0939	258986/45/1	SILVER NGOSA	SHIWANG'ANDU	R076A	1	Shop	19,082.00	<b>19,082.00</b>
86	R077	X0940	258986/45/1	ESTHER MASANTA	SHIWANG'ANDU	R077A	1	Shop	18,522.00	<b>19,778.50</b>
								Veranda	661.50	
87	R078	X0941	249466/45/1	PETER CHILUFYA (MU ENJOY PUB)	SHIWANG'ANDU	R077B	1	External bathroom	595.00	<b>18,858.38</b>
								R078A	1	
88	R079	X0942	165917/46/1	ADON C. KABWE	SHIWANG'ANDU	R078B	1	External bathroom	840.00	<b>17,200.80</b>
						R078C	1	Insaka	2,884.88	
						R079A	1	Shop	16,750.80	
89	R080	X1125	187256/45/1	STEPHANIA CHIBULU	SHIWANG'ANDU	R079B	1	Mango Tree	250.00	<b>16,093.00</b>
						R079C	4	Banana Sucker (Bunch of 4)	200.00	
90	R081	X0117	N/A	MUKUNGWA CENTRE (LWANYA SUPPORT PARISH) CATHOLIC CHURCH	SHIWANG'ANDU	R080A	1	Shop	15,093.00	<b>88,357.50</b>
						R080B	20	Banana Sucker (Bunch of 20)	1,000.00	
91	R082	x0118	194054/46/1	LIVINGO CHITALU	SHIWANG'ANDU	R081A	1	Church	88,357.50	<b>21,779.40</b>
						R082A	1	Shop	10,557.00	
92	R082.1	x1229	194054/46/1	GIVEN MUBANGA	SHIWANG'ANDU	R082B	1	Family House	11,222.40	<b>11,178.00</b>
						R082.1A	1	Shop	10,712.25	
93	R083	X1129	210014/46/1	FRIDAY MULENGA	SHIWANG'ANDU	R082.1A	1	Veranda	465.75	<b>7,806.40</b>
								R083A	1	
94	R084	X1130	144308/46/1 WIFE'S	BINWELL MUYANA/WIFE: MPUIA BUCHE	SHIWANG'ANDU	R083A	1	Veranda	428.40	<b>11,305.50</b>
						R084A	1	Pit Latrine	1,638.00	
						R084B	5	Pine Trees	2,750.00	

			NRC:157215/46/1			R084C	4	Mango Tree	1,800.00	
						R084D	1	Guava Tree	450.00	
						R084E	1	Poultry Pen	480.00	
						R084F	1	External Kitchen	3,437.50	
						R084G	3	Lemon Tree	750.00	
95	Ro85	X0947	164433/46/1	HOPE CO-ORPERATIVE (CHAIRMAN: CLEMENT BWALYA)	SHIWANG'ANDU	R085A	1	Family House	28,080.00	<b>28,080.00</b>
96	Ro86	X0092	258985/45/1	AVARON CHISANGA	SHIWANG'ANDU	R086A	1	Family House	42,156.00	<b>44,286.00</b>
								Veranda	540.00	
						R086B	1	External Bathroom	640.00	
						R086D	2	Guava Trees	700.00	
						R086E	1	Pine Trees	250.00	
97	Ro87	X0561	164433/46/1	CLEMENT BWALYA	SHIWANG'ANDU	R087A	1	Family House	32,480.00	<b>59,830.00</b>
						R087B	1	Old Family House	14,250.00	
						R087C	3	Guava Trees	750.00	
						R087D	4	Pear	1,800.00	
						R087E	4	Mulberry Trees	2,200.00	
						R087F	1	Avocado Tree	1,200.00	
						R087H	1	Pit Latrine	3,850.00	
						R087I	3	Mexican Apple	1,050.00	
						R087J	13	Banana Suckers	1,950.00	
						R087K	1	Lemon Tree	120.00	
						R087L	1	Paw Paw Tree	90.00	
						R087M	1	Mango Tree	90.00	
98	Ro88	X0563	276545/10/1	JANE BANDA	SHIWANG'ANDU	R088A	1	Shop	16,926.00	<b>68,640.80</b>
						R088B	1	Family House	37,758.00	
						R088C	1	Foundation Box	856.80	

						R088D	1	Pit Latrine	300.00	
						R088E	2	Peach Trees	500.00	
						R088F	3	Guava Tree	1,050.00	
						R088G	1	Mexican Apple	450.00	
						R088H	12	Eucalyptus	10,800.00	
99	R089	X1124	199697/47/1	MARY BWALYA	SHIWANG'ANDU	R089A	1	Family House	16,415.00	<b>17,727.45</b>
								Veranda	492.45	
						R089B	1	External Bathroom	820.00	
100	R090	X0565	200013/46/1	ISAAC ZULU	SHIWANG'ANDU	R090A	1	Shop	4,698.00	<b>5,063.40</b>
								Veranda	365.40	
101	R091	X1206	184229/45/1	GEOFFREY MUKOSEKELA	SHIWANG'ANDU	R091A	1	Shop	5,208.00	<b>5,208.00</b>
102	R092	X0564	161912/46/1	IGNATIUS MUKOSEKELA	SHIWANG'ANDU	R092A	1	Shop	6,216.00	<b>6,748.80</b>
								Veranda	532.80	
103	R093	X1435	101527/13/1	JOHN MUKOSEKELA	SHIWANG'ANDU	R093A		Collapsed Family House (Foundation Only)	1,250.00	<b>2,262.00</b>
						R093B	1	Collaped House (Foundation Only)	1,012.00	
104	R094	X0954	249775/46/1	STEVEN MWIIMBA	SHIWANG'ANDU	R094A	1	Family House	4,752.00	<b>4,752.00</b>
105	R095	R0095	192573/47/1	ELIZABETH KAFULA	SHIWANG'ANDU	R095A	1	Family House	14,175.00	<b>17,925.00</b>
						R095B	1	Mexican Apple	200.00	
						R095C	5	Mango Tree	600.00	
						R095D	1	External Kitchen	2,500.00	
						R095E	3	Bananas	450.00	
106	R096	R0096	192573/47/2	ELIZABETH KAFULA	SHIWANG'ANDU	R096A	1	Family House	11,000.00	<b>11,600.00</b>
						R096B	1	Bananas	600.00	
107	R097	R0097	199568/46/1	DELLINA MWANSA	SHIWANG'ANDU	R097A	1	Family House	11,440.00	<b>11,440.00</b>
108	R098	X1435	101527/13/1	JOHN MUKOSOKELE	SHIWANG'ANDU	R098A	1	Family House	3,168.00	<b>3,168.00</b>

109	R099	X0575	219075/46/1	PATRICIA CHANDA	SHIWANG'ANDU	R099A	1	Family House	4,576.00	7,999.00
						R099B	6	Bananas	900.00	
						R099C	1	Insaka	2,523.00	
110	R100	X0576	143697/45/1	FREDERICK MALAMA	SHIWANG'ANDU	R100A	1	Shop	10,920.00	33,350.00
								Veranda	630.00	
						R100B	40	Eucalyptus Tree	20,000.00	
111	R101	X0577	198233/45/1	GRACE MULENGA	SHIWANG'ANDU	R101A	1	Family House 1	3,036.00	56,706.00
						R101B	200	Eucalyptus Trees	50,000.00	
						R101D	1	External Kitchen	3,220.00	
						R101F	3	Mango Tree	450.00	
112	R102	X0578	218077/46/1	CATHERINE MULENGA	SHIWANG'ANDU	R102A	1	Family House 1	2,909.50	113,865.50
						R102B	1	Family House 2	10,598.50	
						R102C	1	External Kitchen	1,552.50	
						R102D	1	Pit Latrine	1,155.00	
						R102E	3	Bananas	150.00	
						R102F	150	Eucalyptus Tree	97,500.00	
113	R103	X0983	18546/45/1	CHRISTOPHER KABUSWE	SHIWANG'ANDU	R103A	1	Family House/Shops	40,950.00	54,643.20
								Veranda	1,217.70	
						R103B	1	Family House	5,796.00	
						R103C	1	External Kitchen	2,929.50	
						R103D	1	External Bathroom	660.00	
						R103E	5	Mango Tree	1,250.00	
						R103F	1	Pit Latrine	540.00	
						R103G	2	Avocado Tree	1,000.00	
R103H	2	Guava Tree	300.00							
114	R104	X0984	197272/13/1	JOHN MWANSA	SHIWANG'ANDU	R104A	1	External Kitchen	2,548.00	53,201.25

						R104B	1	Family House	46,200.00	
								Veranda	371.25	
						R104D	1	Pit Latrine	3,432.00	
						R104E	1	Banana Suckers	50.00	
						R104F	1	Pine Trees	50.00	
						R104G	2	Mango Tree	500.00	
						R104H	1	Guava Tree	50.00	
115	R105	X0985	187574/46/1	PEGGY KSONDE	SHIWANG'ANDU	R105A	5	Mango Tree	1,000.00	8,560.00
						R105B	1	Banana Suckers (30 Stalks)	4,500.00	
						R105C	2	Mexican Apple	900.00	
						R105D	2	Apple Tree	900.00	
						R105E	1	Pit Latrine	1,200.00	
						R105F	1	Poultry Pen	60.00	
116	R106	X0986	159389/67/1	SEFASIO MWABA MUSEYA	SHIWANG'ANDU	R106A	1	Family House	56,265.00	64,639.06
						R106B	8	Mango Trees	4,400.00	
						R106G	1	External Kitchen	3,974.06	
117	R107	X0987	169227/45/1	CHALI MPATAMATO	SHIWANG'ANDU	R107A	1	Insaka	3,150.00	4,450.00
						R107B	1	Bananas	750.00	
						R107C	1	Mexican Apple	550.00	
118	R108	X0988	648543/11/1	MARY CHABALA KAFYAMA	SHIWANG'ANDU	R108A	1	Family House	7,875.00	7,875.00
119	R109	X0989	214045/45/1	SYDNEY BANDA	SHIWANG'ANDU	R109A	1	Family House	39,192.00	56,992.00
						R109B	8	Bananas	1,200.00	
						R109C	12	Mango Tree	6,600.00	
						R109F	16	Mexican Apple	7,200.00	
						R109G	8	Guava Trees	2,800.00	
120	R110	XO991	217755/45/1	DERRICK MWILA	SHIWANG'ANDU	R110A	1	Family House	10,440.00	11,960.00
						R110B	2	Mango Tree	1,520.00	

121	R111	X0992	199661/46/1	CYNTHIA BWALYA	SHIWANG'ANDU	R111A	1	Family House	36,160.00	<b>40,466.20</b>
								Veranda	913.20	
						R111B	1	Insaka	3,393.00	
122	R112	X0984	197272/13/2	JOHN MWANSA	SHIWANG'ANDU	R112A	1	Family House	8,316.00	<b>8,316.00</b>
123	R113	X0596	142796/46/1	FELENTINO MALAMA	SHIWANG'ANDU	R113A	1	Family House	9,800.00	<b>11,585.00</b>
								Veranda	840.00	
						R113B	1	Pit Latrine	945.00	
124	R114	X0588	196830/46/1	BORNWELL CHANDA SAMPA	SHIWANG'ANDU	R114A	1	Shop	23,436.00	<b>23,436.00</b>
125	R115	X0587	227991/45/1	PETER NGOSA	SHIWANG'ANDU	R115A	1	Shop	31,356.00	<b>33,695.90</b>
								Veranda	1,989.90	
						R115B	1	Pine Tree	350.00	
126	R116	X0586	132827/53/1	TISAUKE MWANZA	SHIWANG'ANDU	R116A	1	Shop/Family House	29,400.00	<b>29,400.00</b>
127	R117	X0585	184226/45/1	BEATRICE MULENGA	SHIWANG'ANDU	R117A	1	Family House	22,050.00	<b>22,050.00</b>
128	R118	X0584	152536/32/1	MONICA KUNDA	SHIWANG'ANDU	R118A	1	Family House	72,640.00	<b>113,400.00</b>
								Veranda	220.00	
						R118B	3	Mango Trees	1,800.00	
						R118C	1	Guava Tree	350.00	
						R118D	1	Lemon Tree	700.00	
						R118I	1	External Bathroom No. 2	880.00	
						R118J	1	Shops	36,210.00	
				R118J	1	Eucalyptus Tree	600.00			
129	R119	X0583	241954/46/1	DANIEL BWALYA	SHIWANG'ANDU	R119A	1	Shop	21,000.00	<b>23,250.00</b>
								Veranda	1,050.00	
						R119B	2	Pit Latrine	1,200.00	
130	R120	X0589	161895/64/1	JUVENILE FELIX CHANDA	SHIWANG'ANDU	R120A	1	Executive Bar Building	75,040.00	<b>219,179.50</b>
								Eucalyptus Trees	33,000.00	

						R120C	123	Sisal	12,300.00	
						R120D	1	External Restaurant	26,670.00	
						R120E	1	Fence	25,770.00	
						R120F	1	Insaka	2,691.00	
						R120G	1	Insaka	3,343.50	
						R120H	1	Insaka	3,343.50	
						R120I	1	Butchery	11,160.00	
					Veranda			1,053.00		
						R120J	1	Insaka	3,343.50	
						R120K	1	Insaka	3,280.50	
						R120L	1	Insaka	3,343.50	
						R120M	1	Ablution Block	14,841.00	
131	R121	X0590	161895/64/1	JUVENILE FELIX CHANDA	SHIWANG'ANDU	R121A	1	Garage Shop	100,800.00	<b>100,800.00</b>
132	R122	X0598	189523/43/1	REDEEMING FAITH CHURCH (EUSTO BWALYA)	SHIWANG'ANDU	R122A	1	Church	82,080.00	<b>140,969.50</b>
								veranda	540.00	
						R122B	1	Bore Hole	25,000.00	
						R122C	1	Fence	20,000.00	
						R122D	13	Pine Tree	3,250.00	
						R122E	1	Fruit Tree	250.00	
						R122F	3	Avocado Tree	450.00	
						R122G	6	Mexican Apple	900.00	
						R122H	6	Nartjie Tree	900.00	
						R122I	7	Mango Tree	1,400.00	
						R122J	2	Peach Tree	300.00	
						R122M	1	Pit Latrine	2,340.00	
						R122P	1	Pit Latrine	1,589.50	
R122Q	1	Insaka	1,320.00							



						R122R	5	Guava Tree	250.00	
						R122S	1	Granadila Tree	150.00	
						R122T	1	Maruula Tree	250.00	
133	R123	X0599	168185/45/1	HARVEST TIME MINISTRY SHALOM TEMPLE	SHIWANG'ANDU	R123A	1	Incomplete Church	6,548.75	<b>9,464.75</b>
						R123B	1	Pit Latrine	1,458.00	
						R123C	1	Pit Latrine	1,458.00	
134	R124	X1014	233179/45/1	DAMSON CHITALU	SHIWANG'ANDU	R124A	1	Family House	6,324.00	<b>33,870.50</b>
						R124B	1	Family House	10,552.50	
						R124C	1	External Kitchen	2,976.00	
						R124D	1	External Bathroom	1,152.00	
						R124E	1	Pit Latrine	576.00	
						R124F	1	Eucalyptus	900.00	
						R124G	37	Pine Trees	9,250.00	
						R124H	1	Lemon Tree	150.00	
						R124I	2	Avocado	340.00	
						R124J	7	Mango Trees	1,050.00	
						R124K	4	Banana Suckers	600.00	
135	R125	X1015	221260/46/1	MONICA CHILESHE	SHIWANG'ANDU	R125A	1	Family House	14,952.00	<b>25,064.50</b>
						R125B	1	Family House	5,530.00	
						R125C	1	Insaka	2,310.00	
						R125D	1	External Bathroom	720.00	
						R125E	1	Pit Latrine	1,402.50	
						R125F	3	Banana Suckers	150.00	
136	R126	X1016	168518/46/1	HOWARD MUMBI	SHIWANG'ANDU	R126A	1	Family House	3,162.50	<b>13,002.00</b>
						R126B	1	Family House	6,600.00	
						R126C	1	External Bathroom	1,000.00	
						R126F	1	External Kitchen	2,119.50	

						R126G	1	Guava Tree	120.00	
137	R126.1	X1018	-	EVEN CHOLA	SHIWANG'ANDU	R126.1A	1	Family House	8,096.00	<b>8,316.00</b>
						R126.1B	1	Mango Trees	150.00	
						R126.1C	1	Guava Tree	70.00	
138	R127	X0601	173719/66/1	MATRIC MUKUPA MUSONDA	SHIWANG'ANDU	R127A	1	Shops	13,020.00	<b>19,491.00</b>
						R127B	1	Store Room	5,346.00	
						R127C	1	Insaka	825.00	
						R127D	1	Mango Tree	150.00	
						R127E	3	Banana	150.00	
139	R128	X0602	142717/47/1	HARRIET NAKAONA	SHIWANG'ANDU	R128A	1	Family House	40,194.00	<b>54,022.00</b>
						R128B	1	External Kitchen	2,660.00	
						R128C	1	External shower	1,058.00	
						R128D	4	Guava Tree	600.00	
						R128E	2	Pine Tree	400.00	
						R128F	2	Eucalyptus	360.00	
						R128G	1	Shallow Well	8,000.00	
						R128H	3	Banana	450.00	
						R128I	2	Mexican Apple	300.00	
140	R128.1	-	-	UNKNOWN	SHIWANG'ANDU	R128.1A	1	Shelter	12,474.00	<b>12,474.00</b>
141	R129	X1020	187562/46/1	EUNICE KATONGO	SHIWANG'ANDU	R129A	1	Pit Latrine	2,420.00	<b>4,856.00</b>
						R129B	1	External Bathroom	756.00	
						R129C	1	External Kitchen	1,680.00	
142	129.1	X9030	112821/64/1	ABEL SIMEO	SHIWANG'ANDU	R129.1A	1	Shallow Well	10,000.00	<b>10,000.00</b>
143	R130	X0604	-	MAGGIE BWEMBYA	SHIWANG'ANDU	R130A	1	Family House	7,744.00	<b>8,394.00</b>
						R130B	1	Mango Tree	650.00	
144	R130.1	X1249	-	FRIDAY BWEMBYA	SHIWANG'ANDU	R130.1A	1	Water Well	8,000.00	<b>8,000.00</b>

145	R131	X1023	155755/46/1	JOSPHAT CHIBULU	SHIWANG'ANDU	R131A	1	Lemon Tree	750.00	<b>2,100.00</b>
						R131B	1	Guava Tree	450.00	
						R131C	1	Mango Tree	900.00	
146	R131.1	X1023	155755/46/1	JOSPHAT CHIBULU	SHIWANG'ANDU	R131.1A	3	Mango Tree	2,400.00	<b>3,600.00</b>
						R131.1B	1	Lemon Tree	750.00	
						R131.1C	1	Guava Trees	450.00	
147	R132	X2722	249162/46/1	PRISCA CHEWE	SHIWANG'ANDU	R132A	1	Shop	4,900.00	<b>4,900.00</b>
148	R132.2	-	-	CHAMA MWICHE	SHIWANG'ANDU	R132.2A	1	Family House	15,300.00	<b>16,100.00</b>
						R132.2B	1	Mango Trees	150.00	
						R132.2C	2	Guava Trees	100.00	
						R131.2D	11	Bananas	550.00	
149	R133	X2723	121088/46/1	CHISUNTWE JAMES KASONDE	SHIWANG'ANDU	R133A	1	Collapsed Shop	900.00	<b>900.00</b>
150	R134	X1751	175943/46/1	DERRICK KATONGO	SHIWANG'ANDU	R134A	1	Pit Latrine	1,400.00	<b>11,400.00</b>
						R134B	1	External bathroom	960.00	
						R134C	2	Guavva Trees	240.00	
						R134D	4	Mango Tree	800.00	
						R134E	1	Shallow Well	8,000.00	
151	R135	X2728	278657/46/1	BLESSINGS PHIRI	SHIWANG'ANDU	R135A	1	lincomplete Shop	6,080.00	<b>14,080.00</b>
						R135B	1	Shallow Well	8,000.00	
152	R136	X2724	200086/46/1	MAVIS BWALYA	SHIWANG'ANDU	R136A	1	Shallow Well	8,000.00	<b>8,000.00</b>
153	R137	X2726	173044/45/1	PROTASHO KANGWA MALAMA	SHIWANG'ANDU	R137A	1	Shop	11,515.00	<b>11,515.00</b>
154	R138	X1247	N/A	COMMUNITY MARKET	SHIWANG'ANDU	R138A	1	Pit Latrine	4,500.00	<b>4,500.00</b>
155	R139	X2725	147483/46/1	JOSEPHINE MUTALE	SHIWANG'ANDU	R139A	1	Family House	77,825.00	<b>83,393.00</b>
								Veranda	528.00	

						R139B	1	Insaka	1,300.00	
						R139C	1	Pit Latrine	2,240.00	
						R139D	1	Shower	1,500.00	
156	R140	X2727	142240/46/1	ELIZABETH MWAMBA	SHIWANG'ANDU	R140A	1	Family House	56,896.00	<b>70,546.00</b>
								Veranda	420.00	
						R140B	1	Kitchen	13,230.00	
157	R141	X2729	254913/45/1	JOSEPHINE MUTALE	SHIWANG'ANDU	R141A	1	Shop	44,640.00	<b>67,212.00</b>
								Veranda	2,160.00	
						R141B	2	Insaka	20,412.00	
158	R142	X2732	150747/46/1	DEOPHISTER CHAMA	SHIWANG'ANDU	R142A	1	Family House	45,360.00	<b>47,106.00</b>
								Veranda	756.00	
						R142C	1	Pit Latrine	990.00	
159	R143	X2730	187688/46/1	DICKSON MULENGA	SHIWANG'ANDU	R143A	1	Foundation (House)	4,175.00	<b>4,175.00</b>
160	R144	X2731	N/A	COMMUNITY BOREHOLE	SHIWANG'ANDU	R144A	1	Borehole	25,000.00	<b>25,000.00</b>
161	R145	X2736	187750/46/1	JUSTIN CHANDA	SHIWANG'ANDU	R145A	1	Block of shops	158,760.00	<b>158,760.00</b>
162	R146	X2736	187750/46/1	JUSTIN CHANDA	SHIWANG'ANDU	R146A	1	Family House	97,300.00	<b>99,025.00</b>
								Veranda	525.00	
						R146C	1	Pit Latrine	1,200.00	
163	R147	X2733	103293/91/1	RASSEL SHEIK	SHIWANG'ANDU	R147A	1	Family House	56,896.00	<b>250,608.40</b>
								Veranda	672.00	
						R147B	1	Family House	189,000.00	
								Veranda	4,040.40	
164	R148	X2733	103293/91/1	RASSEL SHEIK		R148A	1	Shops	232,560.00	<b>242,820.00</b>
								Veranda	10,260.00	
165	R149	X2739	382060/16/1	JOHNSTONE KALUMBA	SHIWANG'ANDU	R149A	1	Shop	43,200.00	<b>43,200.00</b>
166	R150	X2734	177480/46/1	CHITONGO KANGWA	SHIWANG'ANDU	R150A	1	Block of Shops	100,838.50	<b>112,537.60</b>

								Veranda	9,389.10	
						R150B	1	Pit Latrine	2,310.00	
167	R151	X2741	143208/46/1	KINGSLEY CHANDA	SHIWANG'ANDU	R151A	1	Family House	66,080.00	<b>66,080.00</b>
168	R152	X2742	117144/61/1	EMERIA CHILAISHA	SHIWANG'ANDU	R152A	1	Shop	300,000.00	<b>318,900.00</b>
							1	Veranda	18,900.00	
169	R153	X2742	117144/61/1	EMERIA CHILAISHA	SHIWANG'ANDU	R153A	1	Family House	289,200.00	<b>360,170.00</b>
								Veranda	1,620.00	
						R153B	1	Tank Stand	12,600.00	
						R153C	1	Cabin	21,000.00	
						R153D	5	Banana	750.00	
R153E	1	Bore Hole	35,000.00							
170	R154	X2742	117144/61/1	EMERIA CHILAISHA	SHIWANG'ANDU	R154A	1	Family House	2,400.00	<b>9,000.00</b>
						R154B	1	Foundation Box	6,600.00	
171	R155	X0627	150747/46/1	OSCAR KALUBA	SHIWANG'ANDU	R155A	1	Storage	67,068.00	<b>72,748.00</b>
						R155B	1	Pit Latrine	1,680.00	
						R155C	1	Banana Suckers (200)	4,000.00	
172	R156	X2740	121384/46/1	HELEN MUMBI CHILESHE	SHIWANG'ANDU	R156A	1	Family House	18,456.00	<b>20,269.20</b>
								Veranda	313.20	
						R156B	1	External Bathroom	800.00	
R156C	2	Mexican Apple	700.00							
173	R157	X2750	207214/46/1	JANET KALUBA	SHIWANG'ANDU	R157A	1	Shop	31,995.00	<b>31,995.00</b>
174	R158	X2749	157798/45/1	BENANDETTA CHANDA	SHIWANG'ANDU	R158A	1	Pit Latrine	1,575.00	<b>15,325.00</b>
						R158B	100	Banana Suckers	3,000.00	
						R158C	1	Shallow Well	10,000.00	
						R158D	1	Mango Tree	750.00	
175	R159	X2747	157676/46/1	MICHAEL KANGWA	SHIWANG'ANDU	R159A	1	Pit Latrine	4,312.00	<b>6,262.00</b>

						R159B	1	External Shower	1,800.00	
						R159C	1	Banana	150.00	
176	R159.1	X1250	289358/46/1	RICHARD CHANDA BWALYA	SHIWANG'ANDU	R159.1A	7	Pine Tree	1,400.00	<b>1,400.00</b>
177	R160	X2751	280730/46/1	KAMPAMBA CHILESHE	SHIWANG'ANDU	R160A	1	Shop	8,346.00	<b>9,346.00</b>
						R160B	1	Pit Latrine	1,000.00	
178	R160.1	X1251	163996/46/1	JOSEPH KABWE	SHIWANG'ANDU	R160.1A	12	Pine Tree	2,400.00	<b>6,100.00</b>
						R160.1B	4	Mango Tree	1,000.00	
						R160.1C	1	Guava Tree	250.00	
						R160.1D	2	Banana	200.00	
						R160.1E	1	Shop	2,250.00	
179	R161	X1251	163996/46/1	JOSEPH KABWE	SHIWANG'ANDU	R161A	1	Shop	875.00	<b>875.00</b>
180	R162	X2745	225294/46/1	ENOCK CHISANGA	SHIWANG'ANDU	R162A	1	Shop	7,056.00	<b>8,838.00</b>
								Veranda	378.00	
						R162B	1	Insaka	1,404.00	
181	R163	X2752	187776/46/1	WESTON KAMPAMBA	SHIWANG'ANDU	R163A	1	Shop	27,324.00	<b>38,434.85</b>
								Veranda	1,769.85	
						R163B	1	Insaka	1,890.00	
						R163C	1	Insaka	3,255.00	
						R163D	4	Banana Suckers )	600.00	
						R163E	1	Mexican Apple	150.00	
						R163F	1	External Bathroom	646.00	
						R163G	1	Pit Latrine	2,800.00	
182	R164	X2748	N/A	COMMUNITY BOREHOLE	SHIWANG'ANDU	R164A	1	Borehole and Handpump	25,000.00	<b>25,000.00</b>
183	R165	X2744	235850/16/1	LUCKSON KAMPAMBA	SHIWANG'ANDU	R165A	1	Shop	12,267.00	<b>12,517.00</b>
						R165B	1	Mango Tree	150.00	
						R165C	1	Guava Tree	100.00	

184	R166	X2746	220267/46/1	WINFRIDAH BWALYA	SHIWANG'ANDU	R166A	1	Shop	5,400.00	<b>5,400.00</b>
185	R166.1	X2746	2202267/46/1	WINFRIDAH BWALYA	SHIWANG'ANDU	R166.1A	160	Pine Tree	32,000.00	<b>32,000.00</b>
186	R167	X1252	145030/46/1	EDWARD CHILESHE	SHIWANG'ANDU	R167A	1	Shop	2,240.00	<b>2,240.00</b>
187	R168	X9022	221469/46/1	STEVEN KATONGO	SHIWANG'ANDU	R168A	1	Shop	1,386.00	<b>26,634.00</b>
						R168B	1	Family House	21,888.00	
						R168C	1	Pit Latrine	1,260.00	
						R168D	7	Pine Trees	1,400.00	
						R168E	2	Banana	300.00	
						R168F	1	Avocado	200.00	
						R168G	1	Mango Tree	200.00	
188	R169	X2823	108621/15/1	MARY BWALYA	SHIWANG'ANDU	R169A	1	Shop	34,200.00	<b>36,765.00</b>
								Veranda	2,565.00	
189	R170	X1253	948740/11/1	MARY SAMPA	SHIWANG'ANDU	R170A	1	Family House	16,335.00	<b>19,958.20</b>
								Veranda	218.70	
						R170B	1	Pit Latrine	1,140.00	
						R170C	1	External Bathroom	792.00	
						R170D	1	Insaka	1,322.50	
R170E	1	Mango Tree	150.00							
190	R171	X2753	311074/46/1	PATRICIA CHILEKWA	SHIWANG'ANDU	R171A	1	Family House	20,405.00	<b>24,349.00</b>
						R171B	1	External Kitchen	2,744.00	
						R171C	1	External Bathroom	1,200.00	
191	R172	X2761	163993/46/1	BEATRICE MUBANGA CHANGALA	SHIWANG'ANDU	R172A	1	Shops	55,650.00	<b>55,650.00</b>
192	R172.1	X2819	157298/66/1	CAPHUS CHANGALILO	SHIWANG'ANDU	R172.1A	1	Pit Latrine	1,680.00	<b>1,680.00</b>
193	R173	X2762	235668/46/1	JAVIES KAPINDO	SHIWANG'ANDU	R173A	1	Family House	16,940.00	<b>22,333.00</b>
						R173B	1	External Kitchen	3,289.00	
						R173C	1	Pit Latrine	1,224.00	

						R173D	1	External Bathroom	880.00	
194	R174	X2754	223070/46/1	JACOB MWILA	SHIWANG'ANDU	R174A	1	Family House	14,148.00	<b>16,971.75</b>
								Veranda	573.75	
						R174C	1	Incomplete External Kitchen	2,250.00	
195	R175	X2759	204817/46/1	ADAM MUTAMBO	SHIWANG'ANDU	R175A	1	Family House	24,255.00	<b>30,523.00</b>
						R175B	1	External Shower	1,000.00	
						R175C	1	Pit Latrine	1,500.00	
						R175D	1	External Kitchen	3,768.00	
196	R176	X2758	181995/47/1	JUSTINA NANKONDE	SHIWANGANDU	R176B	1	Shop	11,172.00	<b>12,922.00</b>
						R176D	1	External bathroom	1,000.00	
						R176E	1	Paw Paw Tree	750.00	
197	R177	X2755	219474/46/1	YVONNY NKOLE	SHIWANG'ANDU	R177A	1	Family House	9,832.50	<b>62,320.00</b>
						R177B	1	External Kitchen	6,737.50	
						R177C	1	Shop	21,700.00	
						R177D	1	Store Room	14,400.00	
						R177E	1	Insaka	1,200.00	
						R177F	1	Pit Latrine	2,400.00	
						R177G	1	Pit Latrine	2,400.00	
						R177H	1	Pit Latrine	2,400.00	
						R177I	1	Chicken Coup	1,250.00	
198	R178	X2764	219398/46/1	CHIPULULA MUTAMBO	SHIWANG'ANDU	R178A	1	Family House	17,640.00	<b>23,708.00</b>
						R178B	1	External Kitchen	1,836.00	
						R178C	1	External Bathroom	882.00	
						R178D	3	Banana (10 No. each)	1,500.00	
						R178E	1	Mango Tree	1,500.00	
						R178F	1	Mexican Apple	350.00	



199	R179	X2760	172574/46/1	CHRISTOPHER CHILESHE	SHIWANG'ANDU	R179A	1	Family House	38,845.00	<b>47,940.98</b>
						R179B	1	Shop	5,292.00	
						R179C	1	Insaka	1,591.98	
						R179D	1	Pit Latrine	1,200.00	
						R179E	1	External Bathroom	1,012.00	
200	R180	X2757	296505/46/1	KENNEDY MUTALE	SHIWANG'ANDU	R180A	1	Family House	11,088.00	<b>12,603.00</b>
						R180B	1	External Bathroom	648.00	
						R180C	1	Pit Latrine	867.00	
201	R181	X2756	204755/46/1	MOSES CHOLA	SHIWANG'ANDU	R181A	1	Rabbit House	1,000.00	<b>1,800.00</b>
								Timber Enclosure	800.00	
202	R182	X2763	204899/46/1	GLORIA CHITA	SHIWANG'ANDU	R182A	1	Family House 1	19,698.00	<b>27,449.50</b>
						R182B	1	Family House 2	5,791.50	
						R182C	1	External Shower	880.00	
						R182D	1	Pit Latrine	1,080.00	
203	R183	X2769	162391/46/1	EVARISTO MULENGA	SHIWANG'ANDU	R183A	1	Family House	16,524.00	<b>24,899.00</b>
						R183B	1	Pit Latrine	765.00	
						R183C	1	External Bathroom	510.00	
						R183D	1	Insaka	1,050.00	
						R183E	11	Jatropha Tree	6,050.00	
204	R184	X2771	021390/63/1	GRACE CHANDA	SHIWANG'ANDU	R184A	1	Family House	13,468.00	<b>16,552.19</b>
						R184B	1	Pit Latrine	744.00	
						R184C	1	External Bathroom	800.00	
						R184D	1	Granary	890.19	
						R184E	1	Mango Tree	650.00	
205	R185	X2767	139572/68/1	MAXWELL MALAMA	SHIWANG'ANDU	R185A	1	Shop	9,030.00	<b>9,030.00</b>
206	R186	X2766	251898/46/1	MAXWELL MALAMA	SHIWANG'ANDU	R186A	1	Shop	11,200.00	<b>11,200.00</b>
207	R187	X2765	204700/46/1	EDWIN MULENGA	SHIWANG'ANDU	R187A	1	Shop	3,726.00	<b>3,726.00</b>

208	R188	X2768	147435/46/1	JUSTINA MWILA	SHIWANG'ANDU	R188A	1	Shop	24,255.00	<b>25,455.00</b>
						R188B	1	Pit Latrine	1,200.00	
209	R189	X2777	223811/73/1	KELVIN MWEEMBA	SHIWANG'ANDU	R189A	1	Shop	80,100.00	<b>80,900.00</b>
						R189B	1	External shower	800.00	
210	R190	X2778	249683/46/1	DAPHRINE MPUNDU	SHIWANG'ANDU	R190A	1	Family House	7,301.00	<b>7,301.00</b>
211	R191	X2780	171171/45/1	JAMES MPUNDU SUMYATI	SHIWANG'ANDU	R191A	1	Family house	27,972.00	<b>30,814.00</b>
						R191B	1	External kitchen	942.00	
						R191C	1	External shower	1,200.00	
						R191D	1	Avocado Tree	700.00	
212	R192	X2775	-	ALICK SILENGWE	SHIWANG'ANDU	R192A	1	Hammer Mill	52,800.00	<b>52,800.00</b>
213	R193	X2772	102887/67/1	JACKSON CHITALU MWAPIKA	SHIWANG'ANDU	R193A	1	Shop	20,560.00	<b>20,560.00</b>
214	R194	X2774	207266/45/1	PATRICIA MULEMBA	SHIWANG'ANDU	R194A	1	Family House	28,060.00	<b>28,060.00</b>
215	R195	X2779	204778/46/1	AGNESS KAPESO	SHIWANG'ANDU	R195A	1	Shop	10,556.00	<b>10,556.00</b>
216	R196	X2773	234238/46/1	RACHAEL CHITALU	SHIWANG'ANDU	R196A	1	Shop	16,016.00	<b>16,016.00</b>
217	R197	X2776	204755/46/1	MOSES CHOLA	SHIWANG'ANDU	R197A	1	Block of Shops	34,344.00	<b>38,070.00</b>
								Veranda	3,726.00	
218	R198	X2781	142379/46/1	JOHN MULENGA	SHIWANG'ANDU	R198A	1	Family house	24,480.00	<b>46,512.00</b>
								Veranda	22,032.00	
219	R199	X2782	193355/47/1	WINTER SINKALA	SHIWANG'ANDU	R199A	1	Shop	25,972.00	<b>26,872.00</b>
						R199B	1	Eucalyptus Tree	900.00	
220	R200	X2784	229043/46/1	FRANCIS NKANDU	SHIWANG'ANDU	R200A	1	Shop	44,800.00	<b>47,920.00</b>
								Veranda	3,120.00	

221	R201	X2783	204786/46/1	TEDDY NKANDU	SHIWANG'ANDU	R201A	1	Family House	84,830.00	<b>84,830.00</b>
222	R202	X2785	217821/46/1	STEVEN CHANDA MULENGA	SHIWANG'ANDU	R202A	1	Shop	82,875.00	<b>169,380.00</b>
								Veranda	12,750.00	
						R202B	1	Shop	73,755.00	
223	R203	X2792	143808/35/1	SUSAN CHAMA	SHIWANG'ANDU	R0203A	1	Shop	34,200.00	<b>34,200.00</b>
224	R204	X2793	183629/45/1	FRIDAY CHOMBA	SHIWANG'ANDU	R204A	1	Block of Shops	64,847.35	<b>280,989.58</b>
								Veranda	10,100.83	
								Family House	195,576.50	
								Veranda	3,570.00	
								Storeroom	6,894.90	
225	R205	X2791	100062/95/1	LEWIS SIMOYOTA	SHIWANG'ANDU	R205A	1	Family House	78,217.00	<b>269,522.69</b>
								Veranda	3,264.00	
						R205B	1	Shop	94,576.00	
								Veranda	15,696.00	
						R205C	1	Family House	74,205.00	
								Veranda	1,153.17	
						R205D	1	Insaka	2,411.52	
						226	R206	X2795	209644/46/1	
R206B	1	Shop	37,281.00							
227	R207	X2787	154678/45/1	MAGGIE KAMPAMBA	SHIWANG'ANDU	R207A	1	Shop	44,064.00	<b>47,600.00</b>
								Veranda	3,536.00	
228	R208	X2788	157720/46/1	TEDDY CHANDA MWAPIKA	SHIWANG'ANDU	R208A	1	Shop	47,697.75	<b>50,217.75</b>
								Insaka	2,520.00	
229	R209	X2789	131167/67/1	KENTELINA TAITON	SHIWANG'ANDU	RO209 A	1	Shop	8,024.00	<b>8,024.00</b>
230	R210	X2794	162117/46/1	ANDREW CHANDA	SHIWANG'ANDU	R210A	1	Shop	61,631.80	<b>66,947.13</b>
								Veranda	5,315.33	

231	R211	X2790	109914/55/1	HARRISON KALUBA	SHIWANG'ANDU	R211A	1	Shop	7,200.00	<b>278,229.70</b>
						R211B	1	Family House	135,633.65	
						R211C	1	Family House	109,582.00	
								Veranda	4,114.00	
						R211D	1	Pit Latrine	3,550.05	
						R211E	1	Mulberry tree	150.00	
R211F	1	Soakaway	18,000.00							
232	R212	X2786	155830/46/1	UNESS CHITALU	SHIWANG'ANDU	R212A	1	Bar	51,229.50	<b>51,229.50</b>
233	R213	X2786	109056/42/1	MARTIN CHOTA	SHIWANG'ANDU	R213A	1	Collapsed Shop (foundation only)	5,829.00	<b>5,829.00</b>
234	R214	X2801	104044/46/1	BINWELL KASALWE NGOSA	SHIWANG'ANDU	R214A	1	Shop	8,925.00	<b>8,925.00</b>
235	R215	X2799	204514/46/1	FRANCIS MWANSA	SHIWANG'ANDU	R215A	1	Family house	124,740.00	<b>140,973.33</b>
								Veranda	4,913.33	
						R215B	1	Improved Toilet	5,320.00	
R215C	1	Boundary Fence	6,000.00							
236	R216	X2796	162092/46/1	EDWIN MULENGA	SHIWANG'ANDU	R216A	1	Family House	34,816.00	<b>34,816.00</b>
237	R217	X0130	196630/47/1	JEAN SIMWANZA	SHIWANG'ANDU	R217A	1	Shop	98,532.00	<b>99,732.00</b>
						R217B	1	Pit latrine	1,200.00	
238	R218	X0218	157319/46/1	MARY MUMBI	SHIWANG'ANDU	R0218A	1	Shop	20,825.00	<b>20,825.00</b>
239	R219	X2798	192640/18/1	KENNEDY CHANDA	SHIWANG'ANDU	R219A	1	Bar	55,692.00	<b>56,502.00</b>
						R219B	1	Pit Latrine	810.00	
240	R220	X0133	234278/46/1	CHOMBA SIMUSOKWE	SHIWANG'ANDU	R220A	1	Shops	77,367.00	<b>78,447.00</b>
						R220B	1	External Bathroom	1,080.00	
241	R221	X0134	262648/43/1	SHARON MWAMBA	SHIWANG'ANDU	R221A	1	Family house	173,808.00	<b>246,415.00</b>
								Veranda	10,970.67	
						R221B	1	Family house	53,193.00	
								Veranda	8,443.33	

242	R222	X0135	104666/95/1	RODGERS MUTALE	SHIWANG'ANDU	R222A	1	Family House	67,320.00	<b>96,917.50</b>
						R222B	1	Storeroom	18,819.00	
						R222C	1	Insaka	3,675.00	
						R222D	1	External Bathroom	1,056.00	
						R222F	1	Goat Pen	6,047.50	
243	R223	X0136	120505/46/1	LUKONDE JOANA MUBEPE	SHIWANG'ANDU	R223A	1	Family House	34,391.00	<b>41,485.33</b>
								Veranda	1,694.33	
						R223B	1	External Kitchen	5,400.00	
244	R224	X2800	204775/46/1	HARRISON NKOLE	SHIWANG'ANDU	R224A	1	Shop	17,136.00	<b>17,136.00</b>
245	R224.1	X2803	204775/46/1	COLLINS MWIINGA	SHIWANG'ANDU	R224.1A	1	Family house	88,164.00	<b>88,164.00</b>
246	R225	X2803	204775/46/1	COLLINS MWIINGA	SHIWANG'ANDU	R225A	1	Family House	99,411.75	<b>110,984.08</b>
								Veranda	9,361.33	
						R225B	1	External Bathroom	1,311.00	
						R225C	1	Pit Latrine	900.00	
247	R226	X0137	180620/45/1	MABEL MUMANGA	SHIWANG'ANDU	R226A	1	Family House	62,662.00	<b>78,968.83</b>
						R226B	1	Insaka	4,500.00	
						R226C	1	Granary	464.33	
						R226D	1	Goat Shelter	787.50	
						R226E	1	External Bathroom	1,200.00	
						R226F	1	Pit Latrine	765.00	
						R226G	1	Water Well	8,500.00	
						R226H	1	Banana Sucker	90.00	
248	R226.1	X9031	180620/45/1	MARBLE MUMANGA	SHIWANG'ANDU	R226.1A	1	Insaka	4,950.00	<b>10,188.00</b>
						R226.1B	1	External Bathroom	1,320.00	
						R226.1C	2	Mango Tree	3,000.00	
						R226.1D	1	Pit Latrine	918.00	
249	R227	X2807	288114/64/1	ABIGAIL KASUBA	SHIWANG'ANDU	R227A	1	Pit Latrine	3,748.50	<b>7,498.50</b>

						R227B	1	Fence	3,750.00	
250	R228	X2804	141890/46/1	CHARLES CHANDA	SHIWANG'ANDU	R228A	1	Mexican Apple	150.00	5,250.00
						R228B	1	Orange Trees	2,400.00	
						R288C	17	Banana Suckers	2,550.00	
						R228D	1	Mango Tree	150.00	
251	R228.1	X2833	-	LUCKSON KAMPAMBA	SHIWANG'ANDU	R228.1A	1	Insaka	2,610.00	2,610.00
252	R229	X2810	177658/46/1	MEVIS BWALYA	SHIWANG'ANDU	R229A	1	Shop	51,000.00	52,200.00
						R229B	1	Pit latrine	1,200.00	
253	R230	X0138	219442/46/1	ENOCK MUTALE	SHIWANG'ANDU	R230A	1	Family House	38,556.00	40,482.00
								Veranda	1,530.00	
						R230C	1	External Bathroom	396.00	
254	R231	X2812	172459/45/1	CHILEKWA KAPONGWE	SHIWANG'ANDU	R0231A	1	Family House	56,020.00	56,786.67
								Veranda	766.67	
255	R232	X2806	275270/10/1	YVONNE KALUMBI	SHIWANG'ANDU	R232A	1	Family house	37,537.50	37,537.50
256	R233	X2806	235695/46/1	BARRACK CHOLA	SHIWANG'ANDU	R233A	1	Family House	12,844.00	18,080.16
						R233B	1	Pit Latrine	702.00	
						R233C	1	External Kitchen	4,534.16	
257	R234	X0139	235695/46/1	BARRACK CHOLA	SHIWANG'ANDU	R234A	1	Family house	31,208.00	47,150.00
						R234B	1	Family house	8,640.00	
						R234C	1	External kitchen	5,652.00	
						R234D	1	Guava Tree	250.00	
						R234E	1	Pit latrine	1,400.00	
258	R235	X0140	147337/46/1	ASTON SABI	SHIWANG'ANDU	R235A	1	Family house	45,771.00	57,574.31
						R235B	1	Family house	4,400.00	
						R235C	1	External kitchen	7,153.31	
						R235D	1	Guava Tree	250.00	

259	R235.1	X0140	-	-	SHIWANG'ANDU	R235.1A	1	Shop	6,000.00	<b>6,000.00</b>
260	R236	X0141	129698/46/1	JOHN CHEWE	SHIWANG'ANDU	R236A	1	Family House	68,640.00	<b>68,640.00</b>
261	R237	X2808	156673/46/1	KELVIN MWABA	SHIWANG'ANDU	R327A	1	Family House	13,370.50	<b>21,075.83</b>
								Veranda	667.33	
						R237B	1	External Kitchen	4,608.00	
						R237C	1	Pit Latrine	1,620.00	
					R237D	1	External Bathroom	810.00		
262	R238	X2809	207916/46/1	VICTOR KUNDA	SHIWANG'ANDU	R238A	1	Family House	29,645.00	<b>34,755.25</b>
								Veranda	770.00	
						R238B	1	External Kitchen	3,098.25	
					R238F		External Bathroom	1,242.00		
263	R239	X0142	207916/46/1	KINGDOM HALL OF JEHOVAH'S WITNESSES	SHIWANG'ANDU	R239A	1	Church	170,280.00	<b>177,780.00</b>
						R239B	1	Pit latrine	7,500.00	
264	R240	X2802	-	THOMAS MUSONDA	SHIWANG'ANDU	R240A	1	Family House	16,856.00	<b>20,856.50</b>
						R240B	1	Insaka	3,280.50	
						R240C	1	External Bathroom	720.00	
265	R241	X2858	177709/46/1	NEIGHBORHOOD HEALTH COMMUNITY	SHIWANG'ANDU	R241A	1	Community Building	19,488.00	<b>21,288.00</b>
						R241B	2	Eucalyptus Trees	1,800.00	
266	R242	X0144	16369846/1	DANIEL MWALALA BWALYA	SHIWANG'ANDU	R242A	1	Shop	65,720.00	<b>74,072.00</b>
								Veranda	7,632.00	
						R242B	1	Pit Latrine	720.00	
267	R243	X2811	249560/46/1	SHARON MWALALA	SHIWANG'ANDU	R243A	1	Shop	59,364.00	<b>72,982.80</b>
								Veranda	13,618.80	
268	R243.1	X9004	26643/46/1	JANET KAMPAMBA	SHIWANG'ANDU	R243.1	1	Shop/Family House	37,961.00	<b>37,961.00</b>
269	R244	X0146	127657/46/1	FRANCIS CHEWE	SHIWANG'ANDU	R244A	1	Family House	21,131.25	<b>21,131.25</b>
270	R244.1	X1773	130917/46/1	HENDRIX KAMPAMBA	SHIWANG'ANDU	R244.1A	1	Family House	140,160.00	<b>143,880.00</b>
								Veranda	3,720.00	

271	R245	X0161	437429/10/1	JANET MUMBI	SHIWANG'ANDU	R245A	1	Shop	16,422.00	<b>19,030.20</b>
								Veranda	2,608.20	
272	R246	X2813	192656/46/1	MAJORY CHILESHE	SHIWANG'ANDU	R246A	1	Shop	16,422.00	<b>19,030.20</b>
								Veranda	2,608.20	
273	R247	X0163	205081/45/1	RUTH BWALYA	SHIWANG'ANDU	R247A	1	Shop	38,587.50	<b>54,879.30</b>
								Veranda	4,321.80	
						R247B	1	Shop (bar)	11,970.00	
274	R248	X0147	219480/46/1	PRECIOUS MWILA	SHIWANG'ANDU	R248A	1	Shop	27,216.00	<b>27,216.00</b>
275	R249	X1749	130917/46/1	HENDRIX KAMPAMBA	SHIWANG'ANDU	R249A	1	Bar	72,590.00	<b>80,678.60</b>
								Veranda	8,088.60	
276	R250	X1749	207786/46/1	YVONNE KAFULA	SHIWANG'ANDU	R250A	1	Bar	48,450.00	<b>48,450.00</b>
277	R251	X0150	162194/46/1	JUSTINAH MUMBI	SHIWANG'ANDU	R251A	1	Bar	67,022.50	<b>81,190.25</b>
								Veranda	8,325.75	
						R251B	1	Chicken Shelter	5,106.00	
						R251C	1	External Bathroom	736.00	
278	R252	X0164	158602/46/1	LASTON MWENGE	SHIWANG'ANDU	R252A	1	Shop	68,000.00	<b>69,620.00</b>
						R252B	1	Pit latrine	1,620.00	
279	R253	X0265	207922/46/1	KENNEDY CHALI	SHIWANG'ANDU	R253A	1	Family house	33,064.50	<b>65,154.50</b>
								Veranda	2,110.50	
						R253B	1	Shop (bar)	29,179.50	
						R253C	1	Pit latrine	800.00	
280	R254	X0166	292616/46/1	FELIX KALUBA	SHIWANG'ANDU	R254A	1	Shop	20,034.00	<b>21,534.00</b>
						R254B	1	Moringa Tree	1,500.00	
281	R255	X0151	169930/46/1	PAMELA CHANDA MUSOWA	SHIWANG'ANDU	R255A	1	Shop	76,500.00	<b>85,172.50</b>
								Veranda	8,032.50	
						R255B	1	External Bathroom	640.00	
282	R256	X0167	162927/46/1	FRANK KASHIKWA	SHIWANG'ANDU	R256A	1	Shop	56,202.00	<b>56,202.00</b>



283	R257	X0152	160114/46/1	LLOYD CHIPILA	SHIWANG'ANDU	R257A	1	Shop	32,062.00	<b>32,062.00</b>	
284	R258	X0168	227500/47/1	ASMORT SINGWA	SHIWANG'ANDU	R258A	1	Shop	29,716.00	<b>29,716.00</b>	
285	R259	X0153	168304/46/1	ROYCE CHIPILA	SHIWANG'ANDU	R259A	1	Shop	35,156.00	<b>36,168.00</b>	
						R259B	1	External Bathroom	1,012.00		
286	R260	X0169	159752/46/1	WILSON CHIPILA	SHIWANG'ANDU	R260A	1	Family House	69,700.00	<b>69,700.00</b>	
287	R261	X2855	207892/46/1	MIKE CHANDA	SHIWANG'ANDU	R261A	1	Block of Shops/Family House	82,593.00	<b>82,593.00</b>	
288	R262	X2856	153522/62/1	WEBBYSTER CHANDA	SHIWANG'ANDU	R262A	1	Shop/Family house	56,637.00	<b>71,284.50</b>	
							2	Veranda	14,647.50		
289	R263	X0170	N/A	COMMUNITY BUS STOP (JOSEPH KANDILE KAFULA)	SHIWANG'ANDU	R263A	1	Collapsed Bus Station	17,248.00	<b>17,248.00</b>	
290	R264	X0171	258649/45/1	MELVIN CHILESHE	SHIWANG'ANDU	R264A	1	Shop	13,600.00	<b>35,591.20</b>	
								Veranda	21,991.20		
291	R265	X0172	163723/43/1	JOSEPH KAFULA KANDILE	SHIWANG'ANDU	R265A	1	Shop	34,884.00	<b>170,942.30</b>	
								Veranda	5,426.40		
							R265B	1	Family House		108,936.00
									Veranda		5,094.90
							R265C	1	Insaka		6,000.00
							R265D	3	Avocado Trees		2,250.00
							R265F	1	Orange Tree		450.00
R265H	120	Bananas	3,600.00								
R265I	1	Goat Pen	4,301.00								
292	R266	X0173	285089/45/1	HARRIET MUSONDA	SHIWANG'ANDU	R266A	1	Shop	26,180.00	<b>32,031.00</b>	
						R266B	1	Piggery	4,301.00		
						R266C	1	Mexican Apple	550.00		
						R266D	1	Mango Tree	1,000.00		
293	R267	X0177	292675/46/1	ANJELLAH MUSONDA	SHIWANG'ANDU	R267A	1	Family House	164,628.00	<b>173,163.26</b>	

								Veranda	4,399.26	
						R267B	1	Mango Tree	1,000.00	
						R267C	1	Pit Latrine	1,680.00	
						R267D	1	External Bathroom	1,456.00	
294	R268	X0178	171908/46/1	JOHN BOWA SINYANGWE	SHIWANG'ANDU	R268A	1	Family House	20,876.00	120,898.50
								Veranda	1,285.20	
						R268B	1	Shop	56,202.00	
								Veranda	5,472.30	
						R268C	1	Family House	9,044.00	
						R268D	1	Family House	22,015.00	
						R268E	1	Pit Latrine	684.00	
						R268F	1	External Bathroom	720.00	
						R268G	2	Avocado	1,500.00	
						R268H	1	Goat Shelter	100.00	
						R268I	2	Mango Tree	3,000.00	
295	R269	X0155	162228/46/1	MILDRED CHANDA	SHIWANG'ANDU	R269A	1	Family house	134,400.00	201,930.00
						R269B	1	Shop 1	21,760.00	
						R269C	1	Shop 2	41,280.00	
						R269D	1	Eucalyptus Tree	1,200.00	
						R269E	1	Mexican Apple	550.00	
						R269F	1	Avocado Tree	1,000.00	
						R269H	2	Banana	300.00	
						R269I	1	Pit latrine	1,440.00	
296	R270	X0156	197084/47/1	BRIAN SIWALE	SHIWANG'ANDU	R270A	1	Family House	79,425.50	99,750.83
								Veranda	1,994.67	
						R270B	1	Shop	16,112.00	
								Collapsed Part	2,218.67	

297	R271	X0154	218930/46/1	TEDDY KATONGO	SHIWANG'ANDU	R271A	1	Shop	22,848.00	<b>147,239.50</b>
								Veranda	1,904.00	
						R271B	1	Family House	116,487.50	
								Veranda	2,500.00	
						R271D	1	Bananas (bunch of 30)	3,000.00	
						R271G	1	Mango Tree	500.00	
298	R272	X0157	N/A	COMMUNITY BOREHOLE	SHIWANG'ANDU	R272A	1	Bore hole fitted with hand pump	25,000.00	<b>25,000.00</b>
299	R273	X0160	20593/46/1	MARY MWABA	SHIWANG'ANDU	R273A	1	Family house	12,160.00	<b>12,160.00</b>
300	R274	X0179	113597/78/1	TINAH NYIRENDA	SHIWANG'ANDU	R274A	1	Family House	28,899.00	<b>28,899.00</b>
301	R275	X0158	183363/46/1	JOYCE MULENGA	SHIWANG'ANDU	R275A	1	Family house	38,346.00	<b>39,946.00</b>
						R275C	1	Pit latrine	800.00	
						R275D	1	Oven	800.00	
302	R276	X0180	205081/45/1	RUTH BWALYA	SHIWANG'ANDU	R276A	1	Foundation Box	8,750.00	<b>22,280.00</b>
								Family House	6,400.00	
						R276B	1	Insaka	3,330.00	
						R276C	1	Baking Oven	1,600.00	
						R276D	1	External Bathroom	800.00	
R276E	1	Pit Latrine	1,400.00							
303	R277	X9000	230303/45/1	DORIS BWALYA	SHIWANG'ANDU	R277A	14	Eucalyptus Trees	11,900.00	<b>11,900.00</b>
304	R278	X0154	218030/46/1	TEDDY KATONGO	SHIWANG'ANDU	R278A	1	Fish Pond	45,500.00	<b>45,500.00</b>
305	R279	X0692	173210/64/1	CHITI LOVENESS LUMBI	SHIWANG'ANDU	R279A	1	Family house	32,000.00	<b>42,900.00</b>
						R279B	1	External kitchen	3,600.00	
						R279C	1	Pit latrine	1,000.00	
						R279E	1	Family house 2	6,300.00	
306	R280	X0693	223176/64/1	RONALD KASAKA	SHIWANG'ANDU	R280A	1	Family House	8,424.00	<b>8,424.00</b>

307	R281	X0281	141211/46/1	GETRUDE KASANGALA	SHIWANG'ANDU	R281A	1	Shop	20,800.00	<b>30,631.00</b>
								Veranda	1,200.00	
						R281B	1	Insaka	3,600.00	
						R281C	1	Hummer Mill	4,131.00	
						R281D	3	Banana (bunch of 20)	450.00	
				R281E	1	Jatropha Tree	450.00			
308	R282	X9001	259715/45/1	LACKSON NKANDU	SHIWANG'ANDU	R282A	1	Insaka	3,600.00	<b>4,100.00</b>
						R282B	1	Banana (Bunch of 5)	500.00	
309	R283	X9002	226286/46/1	SYLVIA NKANDU	SHIWANG'ANDU	R283A	1	Insaka	3,600.00	<b>3,600.00</b>
310	R284	X0695	188923/46/1	BRUCE CHANDA	SHIWANG'ANDU	R284A	1	Family House	12,696.00	<b>17,150.00</b>
									Veranda	
						R284B	1	Insaka	2,552.00	
						R284C	1	External Bathroom	1,100.00	
						R284E	1	Mexican Apple	250.00	
311	R285	X0697	-	DORIS MWANGE	SHIWANG'ANDU	R285A	1	Family house	51,300.00	<b>54,000.00</b>
						R285B	3	Eucalyptus Tree	2,700.00	
312	R286	X1106	282523/11/1	FELIX CHANDA	SHIWANG'ANDU	R286A	1	Family House	28,096.00	<b>35,860.06</b>
									Veranda	
						R286B	1	Insaka	1,709.73	
						R286C	1	External Bathroom	1,188.00	
						R286D	74	Eucalyptus Trees	1,480.00	
						R286E	1	Piggery	1,430.00	
				R286F	1	Mulberry tree	55.00			
313	R287	X0696	115509/45/1	ANASTASIA MBALAZI KAPESO	SHIWANG'ANDU	R287A	1	Family House	85,355.40	<b>95,637.35</b>
									Veranda	
						R287B	1	Insaka	5,494.50	
				R287C	1	Jatropha Tree	450.00			

						R287D	2	Eucalyptus Trees	800.00	
						R287E	1	Pit Latrine	315.00	
314	R288	X0417	183243/46/1	CAROL CHANDA	SHIWANG'ANDU	R288A	1	Family House	12,447.00	<b>16,202.00</b>
						Veranda		551.00		
						R288B	1	External Kitchen	2,484.00	
						R288C		External Bathroom	720.00	
315	R289	X0698	-	THERESA MASATUNYA	SHIWANG'ANDU	R289A	1	Derelict building	3,000.00	<b>3,000.00</b>
316	R290	X2854	162303/46/2	DAVID MUTALE	SHIWANG'ANDU	R290B	1	External Kitchen	3,654.00	<b>15,595.50</b>
						R290D	1	Family House	10,341.50	
						R290E	5	Mango Tree	750.00	
						R290F	1	Avocado	70.00	
						R290J	1	Piggery	780.00	
317	R291	X0419	206773/46/1	DERRICK CHIWALA	SHIWANG'ANDU	R291A	1	Family House	31,488.00	<b>39,683.00</b>
						R291B	1	Insaka	3,510.00	
						R291C	1	Water Well	4,500.00	
						R291F	1	Mexican Apple	150.00	
						R291G	1	Guava Tree	35.00	
318	R292	X0420	N/A	KASALANTE CORPORATIVE (WITSON CHIWALA KAKUNGU)	SHIWANG'ANDU	R292A	1	Office	83,720.00	<b>153,545.00</b>
						R292B	1	Fence	21,525.00	
						R292C	24	Pillars [Hosting Solar Panels]	48,300.00	
319	R293	X1532	177224/46/1	BARON CHIWALA	SHIWANG'ANDU	R293A	1	Family house	23,069.00	<b>35,299.88</b>
						R293B	1	Insaka	2,486.88	
						R293C	1	Shallow Well	4,374.00	
						R293D	1	External kitchen	4,500.00	
						R293E	2	Banana	200.00	
						R293F	2	Moringa Tree	400.00	

						R293G	1	Avocado Tree	70.00	
						R293H	1	Moringa Tree	200.00	
320	R294	X0437	151605/46/1	JOHN KAKUNGU	SHIWANG'ANDU	R294A	1	Water Well	4,500.00	<b>4,500.00</b>
321	R295	X1533	177217/46/1	CHARLES CHIWALA	SHIWANG'ANDU	R295A	1	Family House	12,800.00	<b>12,870.00</b>
						R295B	1	Avocado	70.00	
322	R296		177217/46/1	CHARLES CHIWALA	SHIWANG'ANDU	R296A	1	Family House	7,254.00	<b>7,254.00</b>
323	R297	X1569	296640/46/1	DORIS MWANGE	SHIWANG'ANDU	R297A	1	Shop	36,720.00	<b>42,440.00</b>
						R297B	1	Shallow Well	4,500.00	
						R297C	1	Lemon Tree	150.00	
						R297D	1	Pine Tree	70.00	
						R297E	1	Concrete slab	1,000.00	
324	R298	X1523	177285/46/1	LUCY KOSAMU	SHIWANG'ANDU	R298A	1	Pit Latrine	2,700.00	<b>6,675.00</b>
						R298B	1	External Bathroom	1,100.00	
						R298C	1	Insaka	1,125.00	
						R298D	1	Mango Tree	1,200.00	
						R298E	1	Avocado	550.00	
325	R299	X1570	170707/41/1	LESTON MUKOBE LUKWESA	SHIWANG'ANDU	R299A	1	Goat Pen	4,550.00	<b>10,470.00</b>
						R299B	2	Avocado Trees	1,500.00	
						R299C	1	Mexican Apple	150.00	
							1	Mexican Apple Seedling	70.00	
						R299D	23	Banana Suckers	3,450.00	
						R299E	1	Mango Tree	500.00	
						R299F	1	Guava Tree	150.00	
						R299G	1	Mulberry	100.00	
326	R300	X1571	156660/46/1	JAMES BWALYA	SHIWANG'ANDU	R300A	1	Pit Latrine	1,936.00	<b>2,386.00</b>
						R300B	1	Mango Tree	450.00	

327	R301	X1572	156660/46/1	JAMES BWALYA	SIWANGANDU	R301A	1	Family house	7,078.50	<b>7,078.50</b>
328	R302	X1573	248700/46/1	GEORGE CHANDA	SHIWANG'ANDU	R302A	1	Family House	5,642.00	<b>5,992.00</b>
						R302B	1	Mango Seedling	350.00	
329	R303	X1574	157258/46/1	EUNICE MWILA	SHIWANG'ANDU	R303A	1	Pit Latrine	1,800.00	<b>17,565.00</b>
						R303B	1	Piggery	9,315.00	
						R303C	2	Mango Trees	3,000.00	
						R303D	1	Incomplete Family House	3,450.00	
330	R304	X1575	212625/66/1	JOYCE MUSONDA	SHIWANG'ANDU	R304A	1	Pit Latrine	2,574.00	<b>9,974.00</b>
						R304B	1	External Bathroom	4,200.00	
						R304C	2	Mango Trees	3,000.00	
						R304D	2	Banana Suckers	100.00	
						R304E	1	Orange Seedling	100.00	
331	R305	X1576	177238/46/1	JOSEPHINE MUSHOTA	SHIWANG'ANDU	R305A	1	Pit Latrine	1,530.00	<b>3,810.00</b>
						R305B	1	External Bathroom	720.00	
						R305C	1	Mango Tree	950.00	
						R305D	8	Banana Suckers	560.00	
						R305E	1	Orange Seedling	50.00	
332	R306	X1530	157391/46/1	ANNET MPUNDU	SHIWANG'ANDU	R306A	1	Family house	39,480.00	<b>44,836.32</b>
						R306B	1	Pit latrine	2,250.00	
						R306C	1	Incomplete building	360.00	
						R306D	1	External bathroom	800.00	
						R306E	1	External kitchen	1,846.32	
						R306F	2	Mango Tree	100.00	
333	R307	X1531	157391/46/1	ANNET MPUNDU	SHIWANG'ANDU	R307A	1	Borehole and Handpump	8,500.00	<b>8,500.00</b>
334	R308	X1578	161947/46/1	ESTHER BWALYA	SHIWANG'ANDU	R308A	1	Family House	59,760.00	<b>65,607.00</b>
								Veranda	1,360.00	

						R308B	1	Insaka	1,575.00	
						R308D	1	External Bathroom	2,912.00	
335	R309	X1524	128611/46/1	MARY KUNDA	SHIWANG'ANDU	R309A	1	Family house	30,096.00	<b>34,647.50</b>
						R309B	1	External kitchen	2,551.50	
						R309D	1	External bathroom	800.00	
						R309E	1	Avocado	1,200.00	
336	R310	X1527	123484/46/1	WINSTON CHIWALA KAKUNGU	SHIWANG'ANDU	R310A	1	Shop	14,535.00	<b>14,535.00</b>
337	R311	X1525	171465/46/1	KENNEDY FIOSENI CHEWE	SHIWANG'ANDU	R311A	1	Shop	8,398.00	<b>8,398.00</b>
338	R312	X1579	169751/46/1	JANEPHER MWILA	SHIWANG'ANDU	R312A	1	Family House	51,516.00	<b>126,279.00</b>
								Veranda	945.00	
						R312B	1	Family House	70,537.50	
						R312C	1	Incomplete House	3,280.50	
339	R313	X1580	177246/46/1	SHADRICK BWALYA	SHIWANG'ANDU	R313A	1	Insaka	3,136.00	<b>4,792.00</b>
						R313B	1	External Bathroom	1,456.00	
						R313C	2	Banana	200.00	
340	R314	X0422	177310/46/1	MAJORY CHANDA	SHIWANG'ANDU	R314A	2	Mexican Apples	800.00	<b>15,000.00</b>
						R314B	130	Banana Suckers	13,000.00	
						R314C	1	Mango Tree	1,200.00	
341	R316	X1582	145438/46/1	ANNIE KOSAMU	SHIWANG'ANDU	R316A	2	Mango Tree	2,400.00	<b>2,540.00</b>
						R316B	2	Avocado Tree	140.00	
342	R317		280542/46/1	BERTHA CHOLA	SHIWANG'ANDU	R317A	1	Family House	6,597.50	<b>7,997.50</b>
						R317B	1	Insaka	1,400.00	
343	R318	X1528	114552/43/1	UNA CHIWALA BWALYA	SHIWANG'ANDU	R318A	1	External Kitchen	4,567.50	<b>7,567.50</b>
						R318B	1	Pit Latrine	1,800.00	
						R318C	1	Mango Tree	1,200.00	
344	R319	X0132	192640/18/1	KENNEDY CHANDA	SHIWANG'ANDU	R319A	1	Family House	16,926.00	<b>35,638.74</b>



						R319B	120	Banana (2No. Clustered of 60 Each)	12,000.00	
						R319C	1	Pit Latrine	6,712.74	
345	R320	X1405	203682/67/1	HUDSON LUFYENGO	SHIWANG'ANDU	R320A	1	Pit latrine	2,691.00	<b>11,541.00</b>
						R320B	1	External kitchen	4,320.00	
						R320C	1	External bathroom	850.00	
						R320D	1	Mexican Apple	70.00	
						R320E	2	Banana	60.00	
						R320F	1	Lemon Tree	50.00	
						R320G	1	Pig Sty	3,500.00	
346	R332	X1398	183026/11/1	ANDERSON BWALYA	SHIWANG'ANDU	R332A	1	Shop	20,979.00	<b>20,979.00</b>
347	R333	X1399	177318/46/1	VERONICA MUSANA	SHIWANG'ANDU	R333A	1	Pit latrine	1,400.00	<b>2,940.00</b>
						R333B	1	External bathroom	1,540.00	
348	R334	X9013	186415/46/1	DORCAS CHIBESA	SHIWANG'ANDU	R334A	1	Pit Latrine	3,300.00	<b>4,942.50</b>
						R334B	1	Pit Latrine	405.00	
						R334C	1	External bathroom	1,237.50	
349	R335	X1086	168576/46/1	MARJORIE MUSENGA	SHIWANG'ANDU	R335A	1	Shop	25,308.00	<b>28,120.00</b>
								Veranda	2,812.00	
350	R336	X1087	117396/56/1	MOSES BOWA	SHIWANG'ANDU	R336A	1	Shop	37,950.00	<b>42,350.00</b>
								Veranda	4,400.00	
351	R337	X1088	186921/46/1	RODWELL KAMPAMBA	SHIWANG'ANDU	R337A	1	Block of Shops	17,820.00	<b>17,820.00</b>
352	R338	X1089	156470/46/1	COSMAS MULENGA	SHIWANG'ANDU	R338A	1	Shop	38,844.00	<b>43,596.00</b>
								Veranda	4,752.00	
353	R339	X0677	194564/47/1	AUBREY SIAME	SHIWANG'ANDU	R339A	1	Shop	40,896.00	<b>44,736.00</b>
								Veranda	3,840.00	
354	R340	X0678	127340/46/1	KATONGO MUSEBA	SHIWANG'ANDU	R340A	1	Shop	52,668.00	<b>61,292.00</b>
								Veranda	8,624.00	

355	R341	X0679	404229/47/1	EDITH MUMBO	SHIWANG'ANDU	R341A	1	Bar	43,092.00	<b>51,030.00</b>
								Veranda	7,938.00	
356	R342	X0680	187043/47/1	MICAH NAMUTENDA	SHIWANG'ANDU	R342A	1	Block of Shops	82,992.00	<b>82,992.00</b>
357	R343	X0683	280721/46/1	REGINA MUNTHALI	SHIWANG'ANDU	R343A	1	Shop	12,528.00	<b>70,240.00</b>
								Veranda	864.00	
						R343B	1	Shop	19,488.00	
								Veranda	2,552.00	
						R343C	1	Shop	32,256.00	
								Veranda	2,552.00	
358	R344	X0682	-	BWALYA ELALIO KAYULA	SHIWANG'ANDU	R344A	1	Shop	28,320.00	<b>57,180.00</b>
								Veranda	26,196.00	
								Bus Station	2,664.00	
359	R345	X0681	186272/42/1	JOHN WILLOMBE	SHIWANG'ANDU	R345A	1	Shop	24,846.00	<b>27,142.00</b>
								Veranda	2,296.00	
360	R346	X1093	114234/46/1	CHARLES MUSANA	SHIWANG'ANDU	R346A	1	Shop	26,040.00	<b>26,040.00</b>
361	R347	X1092	289958/46/1	ABRAHAM LONGA	SHIWANG'ANDU	R347A	1	Shop	3,685.50	<b>3,685.50</b>
362	R348	X1091	169767/46/1	RAPHAEL CHANDA	SHIWANG'ANDU	R348A	1	Shop	41,724.00	<b>52,928.00</b>
								Veranda	11,204.00	
363	R349	X1090	112769/67/1	CHRISTINE CHITI KABWE	SHIWANG'ANDU	R349A	1	Shop	38,976.00	<b>44,576.00</b>
								Veranda	5,600.00	
364	R350	X1094	178457/46/1	FRED MULENGA	SHIWANG'ANDU	R350A	1	Shop	24,300.00	<b>27,360.00</b>
								Veranda	3,060.00	
365	R351	X1096	190456/95/1	EMMANUEL SIWALE	SHIWANG'ANDU	R351A	1	Shop	21,600.00	<b>24,960.00</b>
								Veranda	3,360.00	
366	R352	X0684	161712/46/1	JOSEPH MWILWA	SHIWANG'ANDU	R352A	1	Shop	21,060.00	<b>23,868.00</b>
								Veranda	2,808.00	

367	R353	X1095	178457/46/1	FRED MULENGA	SHIWANG'ANDU	R353A	1	Shop	38,520.00	<b>38,520.00</b>
368	R354	X0685	163534/46/1	JAMES SUNGE MULENGA	SHIWANG'ANDU	R354A	1	Shop	38,520.00	<b>38,520.00</b>
369	R355	X0686	195069/47/1	TOM HENRY CHIWALA	SHIWANG'ANDU	R355A	1	Shop	37,800.00	<b>37,800.00</b>
370	R356	X1256	220948/47/1	BRIGHT MUMBA	SHIWANG'ANDU	R356A	1	Shop	41,580.00	<b>41,580.00</b>
371	R357	X0687	199717/45/1	JOHN SIMWINGA	SHIWANG'ANDU	R357A	1	Shop	33,264.00	<b>33,264.00</b>
372	R358	X0688	199484/47/1	JULIUS SIWALE	SHIWANG'ANDU	R358A	1	Bar	36,729.00	<b>43,659.00</b>
								Veranda	6,930.00	
373	R359	X04359	195069/47/1	TOM HENRY CHIWALA	SHIWANG'ANDU	R359A	1	Incomplete Shop	18,444.00	<b>21,924.00</b>
								Veranda	3,480.00	
374	R360	X1098	781701/11/1	FRIDAY KASHIWA MUSONDA	SHIWANG'ANDU	R360A	1	Shop (One FK Bar)	189,420.00	<b>189,420.00</b>
375	R361	X1097	220298/46/1	PAMELA CHIWALA	SHIWANG'ANDU	R361A	1	Incomplete Shop	16,228.63	<b>19,741.96</b>
								Veranda	3,513.33	
376	R362	X1099	160477/46/1	JAMES CHILESHE	SHIWANG'ANDU	R362A	1	Block of shops	51,418.50	<b>51,418.50</b>
377	R363	X1100	197790/47/1	JUSTINE SIWALE	SHIWANG'ANDU	R363A	1	Boundary Fence	60,000.00	<b>195,644.50</b>
						R363C	1	Pawpaw Tree	650.00	
						R363D	2	Mango Trees	2,400.00	
						R363E	1	Mexican Apple	450.00	
						R363F	1	Septic Tank	4,500.00	
						R363G	1	Manhole	85.00	
						R363H	1	Soakaway	3,000.00	
						R363J	1	Bar/Entertainment Area	86,496.00	
								Veranda	29,256.00	
		Guard House	1,352.00							
R363T	1	External Kitchen	7,455.50							
378	R364	X1101	169666/46/1	MARJORIE MUMBA	SHIWANG'ANDU	R364A	1	Shop	14,760.00	<b>14,760.00</b>

379	R365	X2832	220296/46/1	JAMES KATONGO	SHIWANG'ANDU	R365A	1	Shop	7,714.00	<b>9,091.50</b>
								Veranda	1,377.50	
380	R366	X1257	155584/46/1	ELIAS KALUBA	SHIWANG'ANDU	R366A	1	Family House	15,691.00	<b>16,816.00</b>
						R366B	1	Pit Latrine	1,125.00	
381	R367	X0690	150097/97/1	LILIAN MALAMA	SHIWANG'ANDU	R367A	1	Family House	52,560.00	<b>63,410.00</b>
								Veranda	1,100.00	
						R367B	1	Water Well	4,500.00	
						R367C	3	Mango Tree	2,550.00	
						R367D	2	Mexican Apple	900.00	
R367E	4	Lemon Tree	1,800.00							
382	R368	X1103	156158/33/1	JOHN CHIBALE	SHIWANG'ANDU	R368A	1	Shop	6,851.00	<b>13,801.50</b>
								Veranda	2,650.50	
						R368B	1	Insaka	2,700.00	
						R368C	1	External Bathroom	720.00	
R368D	1	Pit Latrine	880.00							
383	R369	X0691	117033/46/1	GUSTAVE MULUNDA KAMPAMBA	SHIWANG'ANDU	R369A	1	Water Well	4,500.00	<b>31,324.00</b>
						R369B	23	Mango Tree	18,400.00	
						R369C	1	Goat Shelter	8,424.00	
384	R370	X0664	186473/46/1	ENELESS NAKAONGA	SHIWANG'ANDU	R370A	1	Family House	12,444.00	<b>12,444.00</b>
385	R371	X0674	138079/46/1	JUDITH CHIBULU KUNDA	SHIWANG'ANDU	R371A	1	Family House	187,600.00	<b>195,130.00</b>
								Veranda	4,830.00	
R371F	3	Mango Tree	2,700.00							
386	R372	X1085	177135/46/1	CLEMENT SHINGA	SHIWANG'ANDU	R372A	1	Shop	62,506.25	<b>71,176.25</b>
								Veranda	2,958.00	
						R372B		External Bathroom	1,680.00	
R372C		Insaka	4,032.00							

387	R373	X0672	155098/46/1	EDWIN KASASHI MALAMA	SHIWANG'ANDU	R373A	1	Shop	12,337.50	<b>36,580.50</b>
								Veranda	1,645.00	
						R373B	1	Family House	21,060.00	
						R373C	1	Pit Latrine	288.00	
						R373D	1	Goat Shelter	1,200.00	
					R373E	1	Avocado	50.00		
388	R374	X1397	155582/46/1	CHENGO RONALD	SHIWANG'ANDU	R374A	1	Family house	23,826.00	<b>24,966.00</b>
						R374B	1	External shower	1,140.00	
389	R375	X1395	118227/43/1	KAPANGA MONDAY CHIBOLE	SHIWANG'ANDU	R375A	1	Family house	31,200.00	<b>32,000.00</b>
						R375B	1	External shower	800.00	
390	R376	X1396	160332/68/1	AGNES CHEWE	SHIWANG'ANDU	R376A	1	Family House	91,200.00	<b>103,436.00</b>
						R376B	1	External Kitchen	7,680.00	
						R376C	1	External Shower	2,128.00	
						R376D	1	External Toilet	2,128.00	
						R376E	3	Banana	300.00	
391	R377	X1748	121153/46/1	MWANSA ASTRIDAH CHIWALA	SHIWANG'ANDU	R377A	1	Family House	96,441.00	<b>112,779.45</b>
								Veranda	7,316.00	
						R377B	1	Pit Latrine	3,180.45	
						R377C	1	Goat Pen	1,890.00	
						R377D	1	External Kitchen	1,932.00	
						R377E	1	External Bathroom	720.00	
R377F	13	Bananas	1,300.00							
392	R378	X1394	109388/68/1	DAVID SHIMUMBI	SHIWANG'ANDU	R378A	1	Incomplete Shop	8,564.00	<b>8,564.00</b>
393	R379	X1259	109137/42/1	EMELDAH BWALYA MWENYA	SHIWANG'ANDU	R379A	1	Shop 1	52,000.00	<b>113,970.00</b>
						R379B	1	Shop 2	54,120.00	
						R379C	5	Eucalyptus Tree	4,250.00	
						R379D	3	Mango Tree	3,600.00	

394	R380	X9011	137498/43/1	FRIDAH MULENGA	SHIWANG'ANDU	R380A	3	Mango Trees	3,600.00	<b>7,100.00</b>
						R380B	5	Eucalyptus Trees	3,500.00	
395	R381	X1260	183287/46/1	EDWIN MFULA	SHIWANG'ANDU	R381A	1	Mango Tree	1,200.00	<b>1,200.00</b>
396	R382	X1393	123497/46/1	PRISCA CHILESHE	SHIWANG'ANDU	R382A	1	Insaka	11,756.16	<b>15,126.16</b>
						R382B	1	Pit Latrine	1,820.00	
						R382C	1	External Shower	1,500.00	
						R382D	1	Banana	50.00	
397	R383	X1391	208172/46/1	LEYA CHIBESA	SHIWANG'ANDU	R383A	1	Insaka	3,846.89	<b>9,846.89</b>
						R383B	1	External Bathroom	1,200.00	
						R383C	4	Mango Trees	4,800.00	
398	R383.1	X1391	183092/46/1	SHADRICK KAIMBI	SHIWANG'ANDU	R383.1A	1	Family House	37,440.00	<b>67,194.00</b>
						R383.1B	1	External Kitchen	3,366.00	
						R383.1C	1	External Bathroom	448.00	
						R383.1D	1	Pit Latrine	950.00	
						R383.1E	49	Mango Trees	24,500.00	
						R383.1F	7	Avocado Seedlings	490.00	
399	R384	X1390	207080/46/1	BRUCE SIKAPILA	SHIWANG'ANDU	R384A	1	Insaka	3,780.00	<b>3,780.00</b>
400	R385	X1390	207080/46/1	BRUCE SIKAPILA	SHIWANG'ANDU	R385A	150	Bamboo	30,000.00	<b>30,850.00</b>
						R385B	1	Eucalyptus Tree	850.00	
401	R386	X1389	321684/47/1	KENNY SIWAKWI	SHIWANG'ANDU	R386A	1	Family House	17,550.00	<b>18,800.00</b>
						R386B	1	External Shower	800.00	
						R386C	1	Avocado Tree	450.00	
402	R387	X1387	161443/47/1	NICHOLAS MFULA	SHIWANG'ANDU	R387A	1	External Kitchen	3,588.00	<b>4,468.00</b>
						R387B	1	External Bathroom	880.00	
403	R388	X1747	202892/46/1	ELVIS CHAMA	SHIWANG'ANDU	R388A	1	Collapsed Pit Latrine	480.00	<b>1,360.00</b>
						R388B	1	Pit Latrine	880.00	

404	R389	X1392	182926/46/1	JOSEPHINE MUTONGWA	SHIWANG'ANDU	R389A	1	Pit Latrine	880.00	<b>880.00</b>
405	R390	X2830	169832/46/1	CHARLES MUTONGWA	SHIWANG'ANDU	R390A	1	External Bathroom	1,000.00	<b>3,385.00</b>
						R390B	1	Banana	75.00	
						R390C	1	Pit Latrine	2,310.00	
406	R391	X1261	792416/11/1	PETER NG'AMBI	SHIWANG'ANDU	R391A	1	Family House	131,661.25	<b>146,768.42</b>
								Veranda	6,329.17	
						R391D	1	Piggery	8,778.00	
407	R392	X1393	144590/46/1	LOVEWELL KANGWA	SHIWANG'ANDU	R392A	1	Family House	110,533.50	<b>155,028.67</b>
								Veranda	8,919.17	
						R392B	1	Storeroom	24,576.00	
						R392C	1	Pit Latrine	7,176.00	
						R392D	1	External Bathroom	1,250.00	
R392K	1	Piggery	2,574.00							
408	R393	X1393	144590/46/1	LOVEWELL KANGWA	SHIWANG'ANDU	R393A	1	Borehole fitted with Hand Pump	35,000.00	<b>35,000.00</b>
409	R394	X1262	188681/61/1	BELITA NGANDU	SHIWANG'ANDU	R394A	1	Pit Latrine	1,701.00	<b>2,601.00</b>
						R394B	2	Mango Tree	900.00	
410	R395	X1263	169901/46/1	MARY MUYONGWA	SHIWANG'ANDU	R395A	1	Family House	32,736.00	<b>44,640.33</b>
								Veranda	2,273.33	
						R395B	1	Insaka	3,915.00	
						R395C	1	Pit Latrine	2,904.00	
						R395D	12	Bananas	1,800.00	
R395E	1	External Bathroom	1,012.00							
411	R396	X1264	267125/46/1	PEPHIAS BOWA	SHIWANG'ANDU	R396A	1	Family House	37,896.60	<b>49,074.10</b>
								Veranda	1,421.00	
						R396B	1	Insaka	1,710.00	
						R396C	1	External Bathroom	800.00	

						R396D	1	Mexican Apple	450.00	
						R396E	9	Bananas	1,350.00	
						R396F	1	Pit Latrine	1,396.50	
						R396G	1	Foundation Box	4,050.00	
412	R397	X1265	209381/46/1	KELVIN KAMPAMBA	SHIWANG'ANDU	R397A	1	Pit Latrine	1,496.00	<b>1,496.00</b>
413	R397.1	X1266	183304/46/1	SUSAN CHAMA	SHIWANG'ANDU	R397.1A	1	Incomplete Family House	2,040.00	<b>2,040.00</b>
414	R398	X1267	182955/46/1	CAROL CHALELA	SHIWANG'ANDU	R398A	1	Family House	37,741.00	<b>40,897.00</b>
						R398B	2	Lemon Trees	900.00	
						R398C	1	Mango Tree	1,200.00	
						R398D	1	Incomplete External Kitchen	1,056.00	
415	R399	X1269	182962/46/1	SYDNEY MUNGULUBE	SHIWANG'ANDU	R399A	1	Family House	39,556.00	<b>53,754.65</b>
						R399B	1	External Kitchen	8,019.70	
						R399C	1	Ablution Blocks	6,178.95	
416	R400	X1269	169854/46/1	MUTOMPWE CECILIA MFULA	SHIWANG'ANDU	R400A	1	Shop	11,343.00	<b>11,343.00</b>
417	R401	X1270	196495/46/1	OLIVER CHALELA	SHIWANG'ANDU	R401A	1	Shop	11,343.00	<b>11,343.00</b>
418	R402	X1272	182956/46/1	JOSEPHINE CHALELA	SHIWANG'ANDU	R402A	1	Family House	101,088.00	<b>133,063.50</b>
						R402B	1	Insaka	15,120.00	
						R402C	1	Pit Latrine	1,056.00	
						R402D	1	Collapsed External Bathroom	800.00	
						R402E	2	Mango Trees	2,400.00	
						R402F	1	Goat Pen	1,932.00	
						R402G	1	Piggery	6,120.00	
						R402H	1	Foundation Box	4,547.50	
419	R403	X1271	196503/46/1	MARY CHALELA	SHIWANG'ANDU	R403A	1	Incomplete Shop (Foundation Box Only)	4,420.00	<b>4,420.00</b>



420	R404	X1273	225208/46/1	LYDIA CHIPANDE	SHIWANG'ANDU	R404A	1	Family House	5,027.00	<b>11,088.00</b>
								Veranda	686.00	
						R404B	1	Insaka	1,800.00	
						R404C	1	Pit Latrine	2,175.00	
					R404D	1	External Bathroom	1,400.00		
421	R405	X1274	157249/46/1	BOYD BWALYA	SHIWANG'ANDU	R405A	1	Family House 1	27,760.50	<b>63,189.10</b>
						R405B	1	External Kitchen	4,032.00	
						R405C	1	Family House 2	15,920.00	
						R405D	1	Family House 3	8,636.60	
						R405E	1	Pit Latrine	2,340.00	
						R405F	1	Shallow Well	4,500.00	
422	R406	X1275	265150/46/1	VICKNESS KUNDA	SHIWANG'ANDU	R406A	1	Family House	12,636.00	<b>20,214.00</b>
								Veranda	936.00	
						R406B	1	Insaka	4,752.00	
					R406C	1	Pit Latrine	1,890.00		
423	R407	X1276	202945/46/1	JEFF BANDA	SHIWANG'ANDU	R407A	1	Family House	44,576.00	<b>51,851.00</b>
						R407B	1	Insaka	3,037.50	
						R407C	1	Pit Latrine	850.00	
						R407D	1	External Bathroom	2,250.00	
						R407E	1	Orange Seedling	200.00	
						R407F	1	Piggery	937.50	
424	R408	X1277	156518/46/1	HILDA CHIBALE	SHIWANG'ANDU	R408A	1	Incomplete Family House	20,696.50	<b>26,300.50</b>
						R408B	1	Collapsed Piggery	540.00	
						R408C	1	Collapsed External Kitchen	2,880.00	
						R408D	1	Collapsed Pit Latrine	2,184.00	
425	R409	X1746	196493/46/1	CYNTHIA CHIKWEMBA	SHIWANG'ANDU	R409A	1	Pit Latrine	3,307.50	<b>10,507.50</b>
						R409B	6	Mango Trees	7,200.00	

426	R410	X1278	296185/46/1	QUEEN MBULO	SHIWANG'ANDU	R410A	1	Shop	19,440.00	<b>20,870.00</b>
						R410B	1	Pit Latrine	990.00	
						R410C	1	External Shower	440.00	
427	R411	X1279	168096/46/1	SARAH MUTALE	SHIWANG'ANDU	R411A	1	Bar	18,576.00	<b>18,576.00</b>
428	R412	X1280	183518/46/1	DAINESS MULENGA	SHIWANG'ANDU	R412A	1	Family House	14,680.00	<b>21,532.33</b>
								Veranda	909.33	
						R412B	1	Pit Latrine	1,080.00	
						R412C	1	Family House	3,213.00	
						R412D	1	Mexican Apple	450.00	
R412E	1	Mango Tree	1,200.00							
429	R413	X1281	171101/47/1	CHARLES NKOLE MUMBA	SHIWANG'ANDU	R413A	1	Incomplete Block of Shops	18,022.50	<b>21,022.50</b>
						R413A	1	Shallow Well	3,000.00	
430	R414	X1282	183390/46/1	GRACE NKONDE	SHIWANG'ANDU	R414A	1	Family House	29,275.20	<b>30,808.35</b>
						R414B	1	Collapsed House (Foundation Only)	1,478.15	
						R414C	1	Banana	30.00	
						R414D	1	Guava Seedling	25.00	
431	R415	X1283	205967/46/1	PYTHIAS KAMPAMBA	SHIWANG'ANDU	R415A	1	Family house	28,143.00	<b>28,143.00</b>
432	R416	X1284	242046/46/1	ALICE MULENGA	SHIWANG'ANDU	R416A	1	Family House	8,580.00	<b>9,835.00</b>
								Veranda	455.00	
433	R417	X1285	187024/46/1	MOSES NKANDU	SHIWANG'ANDU	R416B	1	External Bathroom	800.00	<b>7,482.50</b>
						R417A	1	Insaka	4,306.50	
						R417B	1	Pit Latrine	2,376.00	
434	R418	X1286	203282/46/1	JONAS BOWA	SHIWANG'ANDU	R417C	1	External Bathroom	800.00	<b>4,600.00</b>
						R418A	1	Shallow Well	4,500.00	
435	R419	X1287	176130/67/1	FOSTER KASONDE	SHIWANG'ANDU	R418B	1	Banana	100.00	<b>5,518.00</b>
						R419A	1	External Kitchen	2,783.00	

						R419B	1	Pit Latrine	1,377.00	
						R419C	3	Bananas	300.00	
						R419D	2	Mexican Apples	140.00	
						R419E	1	External Bathroom	918.00	
436	R420	X1286	176130/67/1	FOSTER KASONDE	SHIWANG'ANDU	R420A	1	Incomplete External Kitchen	765.00	3,315.00
						R420B	17	Bananas	2,550.00	
437	R421	X1288	242128/46/1	ZENO KALUBA	SHIWANG'ANDU	R421A	1	Shop	11,480.00	11,480.00
438	R422	X1745	242080/46/1	MILDRED BWALYA	SHIWANG'ANDU	R422A	1	Family House	7,436.00	15,827.33
								Veranda	381.33	
						R422B	1	Insaka	3,510.00	
						R422C	5	Mango Trees	4,500.00	
439	R423	X1743	209523/46/1	BARON KAIMBI	SHIWANG'ANDU	R423A	1	Family house	33,696.00	37,228.50
						R423B	1	Insaka	2,812.50	
						R423C	1	External shower	720.00	
440	R424	X1744	2421114/46/1	THELMA MULENGA	SHIWANG'ANDU	R424A	1	Collapsed Shop	892.50	892.50
441	R425	X1289	242104/46/1	BRENDA BWALYA	SHIWANG'ANDU	R425A	1	Family House	4,290.00	7,084.50
						R425B	1	Insaka	2,794.50	
442	R426	X1290	117329/46/1	ESTHER BWALYA	SHIWANG'ANDU	R426A	1	Family house	63,000.00	72,179.25
								Veranda	4,200.00	
						R426B	1	External Kitchen	3,179.25	
						R426C	12	Banana	1,800.00	
443	R427	X1291	287720/12/1	LEADNESS KALUNGA	SHIWANG'ANDU	R427A	1	Family House	5,005.00	7,461.33
								Veranda	524.33	
						R427B	1	Insaka	1,932.00	
444	R428	X1292	172339/46/1	MATTHEWS MWAMBA	SHIWANG'ANDU	R428A	1	Shop	42,600.00	158,627.35
								Veranda	5,000.00	

						R428B	1	Family House	68,145.00	
								Veranda	4,993.33	
						R428C	1	Shop	14,848.00	
								Veranda	2,901.33	
						R428E	1	Insaka	13,539.68	
						R428I	1	Paw Paw	200.00	
						R428J	8	Jatropher	6,400.00	
445	R429	X1294	242028/46/1	LAVENDA KAMPAMBA	SHIWANG'ANDU	R429A	1	Family house	2,800.00	<b>11,416.00</b>
						R429B	1	Collapsed External Kitchen	2,016.00	
						R429C	1	Mexican Apple	450.00	
						R429D	5	Mango Tree	6,000.00	
						R429E	1	Banana	150.00	
446	R430	X1294	242028/46/1	LAVENDA KAMPAMBA	SHIWANG'ANDU	R430A	1	Family House	6,600.00	<b>6,600.00</b>
447	R431	X1295	129359/56/1	EVANS MFULA	SHIWANG'ANDU	R431A	1	Block of Shops (Roofed Part)	13,305.60	<b>19,703.52</b>
								Block of Shops (Unroofed Part)	4,561.92	
						R431B	1	External Bathroom	1,000.00	
						R431C	1	Pit Latrine	836.00	
448	R432	X1296	127293/46/1	CHIMFWEMBE LISTER BWALYA	SHIWANG'ANDU	R432A	1	Insaka	4,327.31	<b>4,327.31</b>
449	R433	X2828	135015/63/1	COMMUNITY SHED	SHIWANG'ANDU	R433A	1	Incomplete Shed	11,025.00	<b>11,025.00</b>
450	R434	X2828	135015/63/1	COMMUNITY SHED	SHIWANG'ANDU	R434A	1	Shed	59,400.00	<b>59,400.00</b>
451	R435	X1297	178607/46/1	EDMOND MUKUKA	SHIWANG'ANDU	R435A	1	Family House	12,844.00	<b>26,268.83</b>
								Veranda	485.33	
						R435B	1	Collapsed Hammer Mill	3,712.00	
						R435C	1	Family House	6,331.50	

						R435D	1	Insaka	2,016.00	
						R435E	1	External Bathroom	880.00	
452	R436	X1297	178607/46/1	EDMOND MUKUKA	SHIWANG'ANDU	R436A	1	Shop	10,032.00	11,362.00
						R436B	1	Collpsed Shop	1,330.00	
453	R437	X1298	242049/46/1	HARRIET MBULO	SHIWANG'ANDU	R437A	1	Family house	11,934.00	13,689.00
								Veranda	780.00	
						R437B	1	Pit Latrine	675.00	
						R437C	1	Goat Shed	300.00	
454	R438	X1139	130944/46/1	GERTRUDE BWALYA	SHIWANG'ANDU	R438A	1	Incomplete Family house	5,832.00	11,832.00
						R438B	5	Mango Tree	6,000.00	
455	R439	X2817	N/A	COMMUNITY BOREHOLE	SHIWANG'ANDU	R439A	1	Borehole fitted with Hand Pump	25,000.00	25,000.00
456	R440	X1138	183313/46/1	CLEMENT BUPE	SHIWANG'ANDU	R440A	1	Family House	44,550.00	67,613.33
						R440B	1	Shop	10,439.33	
						R440C	1	Insaka	3,024.00	
						R440F	8	Mango Trees	9,600.00	
457	R441	X1141	218261/46/1	FRANCESCA CHEWE	SHIWANG'ANDU	R441A	1	Shop	22,231.00	25,857.33
								Veranda	3,626.33	
458	R442	X1140	154914/67/1	JACK NKONDE	SHIWANG'ANDU	R442A	1	Shop 1	5,850.00	25,170.00
						R442B	1	Shop 2	10,920.00	
						R442C	7	Mango Tree	8,400.00	
459	R443	X1146	N/A	CHINKUMBA COMMUNITY MARKET	SHIWANG'ANDU	R443A	1	Market with Stalls	75,240.00	75,240.00
460	R444	X1142	194196/46/1	ABRAHAM LUTANDA	SHIWANG'ANDU	R444A	1	Shop	3,024.00	3,024.00
461	R445	X1147	162342/63/1	LOVEWELL MATEYO	SHIWANG'ANDU	R445A	1	Incomplete Family House	9,204.00	10,404.00
						R445B	1	Mango Tree	1,200.00	
462	R446	X1143	134164/46/1	FRANCIS MUTAPA	SHIWANG'ANDU	R446A	1	Family House	37,608.00	89,398.50

						R446B	1	External Kitchen	4,450.50	
						R446C	1	Pit Latrine	3,375.00	
						R446D	1	External Bathroom	1,000.00	
						R446E	1	Avocado Tree	1,700.00	
						R446F	1	Mango Tree	1,200.00	
						R446G	1	Paw Paw	650.00	
						R446H	1	Shallow Well	4,500.00	
						R446I	1	Poultry Pen	31,000.00	
						R446J	1	Mexican Apple	150.00	
						R446K	1	Insaka	3,105.00	
						R446L	1	Rabbit House	660.00	
463	R447	X1144	164378/46/1	JULIET MFULA	SHIWANG'ANDU	R447A	1	Insaka	6,240.00	<b>9,115.00</b>
						R447B	1	External Bathroom	2,200.00	
						R447C	1	Pit Latrine	675.00	
464	R448	X1145	182967/46/1	SUNDAY MWILA	SHIWANG'ANDU	R448A	1	Family House	49,920.00	<b>55,520.00</b>
						R448B	2	Mango Trees	2,400.00	
						R448C	13	Bananas	1,950.00	
						R448D	1	Mexican Apple	450.00	
						R448E	1	Pit Latrine	800.00	
465	R449	X1148	204565/46/1	JUDITH KAMPAMBA	SHIWANG'ANDU	R449A	1	Orange Tree	450.00	<b>16,155.00</b>
						R449B	12	Mango Trees	14,400.00	
						R449C	7	Bananas	1,050.00	
						R449D	1	Collapsed Pit Latrine	255.00	
466	R450	X1149	147146/64/1	MWELWA MWEO	SHIWANG'ANDU	R450A	1	Family House	55,332.00	<b>79,003.00</b>
						R450B	1	Shop	6,528.00	
						R450C	4	Mango Trees	4,800.00	
						R450D	1	Insaka	3,393.00	

						R450E	1	Goat Pen	2,900.00	
						R450F	1	Shallow Well	4,500.00	
						R450G	1	External Bathroom	1,100.00	
						R450H	1	Pit Latrine	450.00	
467	R451	X1151	230641/46/1	WILLARD CHANDA	SHIWANG'ANDU	R451A	1	Family House	7,358.00	<b>8,423.00</b>
								Veranda	390.00	
						R451C	1	Pit Latrine	675.00	
468	R452	X1150	242029/46/1	MAYBIN MUSAKA	SHIWANG'ANDU	R452A	1	Family house	8,645.00	<b>25,961.00</b>
						R452B	1	Insaka	1,170.00	
						R452C	1	Pig Sty	576.00	
						R452D	2	Mexican Apple	300.00	
						R452E	1	Pit Latrine	400.00	
						R452F	11	Mango Tree	13,200.00	
						R452G	1	Guava Tree	150.00	
						R452H	1	Family house	1,520.00	
469	R453	X1152	209522/46/1	NORRIS MULENGA	SHIWANG'ANDU	R453A	1	Family House	18,171.00	<b>24,594.00</b>
								Veranda	675.00	
						R453B	1	Insaka	3,280.50	
						R453C	1	External Bathroom	1,320.00	
						R453D	1	Pit Latrine	1,147.50	
470	R454	X1153	149068/94/1	MEMORY LESA	SHIWANG'ANDU	R454A	1	Family House	16,380.00	<b>24,240.00</b>
						R454B	1	Pit Latrine	1,200.00	
						R454C	1	Insaka	5,460.00	
						R454E	1	Mango Tree	1,200.00	
471	R455	X1446	277982/47/1	ANNIE NSOFU	SHIWANG'ANDU	R455A	1	Pit Latrine	2,496.00	<b>2,496.00</b>
472	R456	X1447	183214/46/1	MARY MULUNDA	SHIWANG'ANDU	R456A	1	Pit Latrine	2,970.00	<b>2,970.00</b>

473	R457	X1448	190320/47/1	JACKSON SIKAUMBA	SHIWANG'ANDU	R457A	1	Family house	16,113.50	<b>19,830.00</b>
						R457B	1	Kitchen	2,812.50	
						R457C	1	External kitchen	760.00	
						R457D	1	Pit Latrine	144.00	
474	R458	X1486	242043/46/1	BELITA KAMPAMBA	SHIWANG'ANDU	R458A	1	External Kitchen	4,186.00	<b>4,636.00</b>
						R458B	1	Mulberry Tree	450.00	
475	R459	X1449	198933/42/1	GEOFFREY SIWAKWI	SHIWANG'ANDU	R459A	1	Insaka	1,980.00	<b>4,050.00</b>
						R459B	1	External Bathroom	1,320.00	
						R459C	2	Bananas	300.00	
						R459D	1	Piggery	450.00	
476	R460	X1450	233781/46/1	NELSON MBULO	SHIWANG'ANDU	R460A	1	Shallow Well	4,500.00	<b>6,280.00</b>
						R460B	1	Mango Tree	1,200.00	
						R460C	1	Guava Tree	550.00	
						R460D	1	Bananas	30.00	
477	R461	X1451	152122/46/1	WEBBY MWICHE	SHIWANG'ANDU	R461A	1	Family House	30,016.00	<b>114,166.00</b>
						R461B	1	Shallow Well	81,000.00	
						R461C	2	Mango Trees	2,400.00	
						R461D	5	Bananas	750.00	
478	R462	X1452	242134/46/1	SHADRICK MWICHE	SHIWANG'ANDU	R462A	1	Family House	37,600.20	<b>37,600.20</b>
479	R463	X1453	129211/46/1	ALESI NG'ONGA	SHIWANG'ANDU	R463A	1	Family house	21,275.00	<b>21,275.00</b>
480	R464	X1454	190002/46/1	ENED CHANDA	SHIWANG'ANDU	R464A	1	Insaka	3,780.00	<b>3,780.00</b>
481	R465	X1455	157161/48/1	FELIX MFULA	SHIWANG'ANDU	R465A	1	Block of Shops	115,440.00	<b>202,229.21</b>
								Veranda	9,216.00	
						R465B	10	Chalets	45,584.50	
						R465C	1	Store Room	8,736.00	
						R465E	10	Mango Trees	12,000.00	



						R465F	1	External shower	300.00	
						R465G	1	Kitchen	3,799.40	
						R465I	1	Insaka	7,153.31	
482	R466	X1456	232553/46/1	RICHARD MUSONDA	SHIWANG'ANDU	R466A	1	Insaka	3,159.00	<b>3,159.00</b>
483	R467	X1193	157161/46/1	FELIX MFULA	SHIWANG'ANDU	R467A	1	Insaka	3,159.00	<b>3,159.00</b>
484	R467.1	X2850	N/A	COMMUNITY BOREHOLE	SHIWANG'ANDU	R467.1A	1	Borehole	25,000.00	<b>25,000.00</b>
485	R468	X1458	237175/46/1	JOSEPH KALUBA	SHIWANG'ANDU	R468A	1	Family House	15,680.00	<b>20,733.33</b>
								Veranda	853.33	
						R468B	1	Insaka	4,050.00	
						R468C	1	Mango Tree	150.00	
486	R469	X1457	223487/46/1	CHRISTOPHER KALUBA	SHIWANG'ANDU	R0469A	1	Kitchen	2,592.00	<b>4,392.00</b>
						R0469C	1	Piggery	1,800.00	
487	R470	X1459	162576/66/1	DAVIES MFULA	SHIWANG'ANDU	R470A	1	Family House	15,756.00	<b>27,094.00</b>
								Veranda	468.00	
						R470B	1	Insaka	1,690.00	
						R470C	6	Mango Trees	7,200.00	
						R453D	1	Piggery	1,980.00	
488	R471	X1460	201773/46/1	ELIAS NYIRENDA	SHIWANG'ANDU	R471A	1	Family House	18,200.00	<b>28,622.50</b>
								Veranda	1,820.00	
						R471B	1	Insaka	2,250.00	
						R471C	1	External Bathroom	4,800.00	
						R471D	1	Piggery	1,552.50	
489	R472	X1461	224845/64/1	CHARITY MUSONDA	SHIWANG'ANDU	R472A	1	Family house	21,840.00	<b>30,138.00</b>
						R472B	1	Kitchen	1,410.50	
						R472C	1	Pit Latrine/Shower	1,863.00	
						R472D	1	External shower	562.50	

						R472E	1	Insaka	2,512.00	
						R472F	1	Moringa Tree	1,500.00	
						R472G	1	Mexican Apple	450.00	
490	R473	X1462	N/A	MATUTU COMMUNITY HEALTH POST	SHIWANG'ANDU	R473A	1	Community Health Post	12,096.00	<b>15,381.33</b>
								Veranda	3,285.33	
491	R474	X1463	129364/46/1	GOODWELL MATUTU	SHIWANG'ANDU	R474A	4	Mango Trees	4,800.00	<b>4,800.00</b>
492	R475	X1464	N/A	COMMUNITY BOREHOLE	SHIWANG'ANDU	R475A	1	Borehole fitted witted with a hand pump	25,000.00	<b>25,000.00</b>
493	R476	X1471	183691/68/1	FRED NKAMBA	SHIWANG'ANDU	R476A	1	Shop	12,519.00	<b>12,519.00</b>
494	R477	X1471	183691/68/1	FRED NKAMBA	SHIWANG'ANDU	R477A	1	Family House	12,512.50	<b>18,481.27</b>
								Veranda	595.83	
						R477B	1	Insaka	5,372.93	
495	R478	X1470	183389/46/1	MARY MULENGA	SHIWANG'ANDU	R478A	1	Family House	10,738.00	<b>10,738.00</b>
496	R479	X1469	202173/46/1	FOSTER BWALYA	SHIWANG'ANDU	R479A	1	Family House	5,712.00	<b>22,091.50</b>
						R479B	1	Family House	14,742.00	
						R479C	1	Pit Latrine	637.50	
						R479D	1	External Bathroom	1,000.00	
497	R480	X1468	133760/46/1	CROFORD CHEWE	SHIWANG'ANDU	R480A	1	Family House	44,550.00	<b>70,758.00</b>
								Veranda	900.00	
						R480B	1	Insaka	3,780.00	
						R480C	1	External Kitchen	3,200.00	
						R480D	1	Family House	9,588.00	
						R480E	1	Goat Pen	1,080.00	
						R480F	1	External Bathroom	2,160.00	
						R480H	2	Mango Trees	2,400.00	
						R480I	3	Guava Trees	1,650.00	
R480J	2	Orange Trees	400.00							

							3	Orange Seedlings	300.00	
						R480K	5	Banana	750.00	
498	R481	X1467	153045/46/1	BEAUTY CHANDA	SHIWANG'ANDU	R481A	1	Family House	5,850.00	<b>6,525.00</b>
								Veranda	675.00	
499	R482	X1466	237154/46/1	DORCAS BOWA	SHIWANG'ANDU	R482A	1	Collapsed Family House	5,565.00	<b>5,565.00</b>
500	R483	X1465	223611/46/1	KELVIN MFULA	SHIWANG'ANDU	R483A	1	Family house	36,135.00	<b>59,755.43</b>
								Slab	2,887.50	
						R483B	1	Kitchen	5,100.93	
						R483C	1	Shop	6,900.00	
								Veranda	1,100.00	
						R483D	1	Poultry Pen	432.00	
						R483E	1	Pit Latrine	787.50	
						R483F	1	Banana	150.00	
						R483G	1	External shower	562.50	
						R483H	1	Mango Tree	1,200.00	
R483I	1	Shallow Well	4,500.00							
501	R484	X1473	105499/95/1	FENWICK SIMUMBA	CHINSALI	R484A	1	Family House	257,670.00	<b>321,859.92</b>
								Veranda	10,319.17	
						R484B	1	External Kitchen	2,943.75	
						R484C	1	Poultry Pen	1,012.50	
						R484D	1	Piggery	2,964.00	
						R484E	1	Collapsed Pit Latrine	750.00	
						R484G	1	Shop	28,500.00	
								Veranda	5,225.00	
R484H	1	Collapsed House	5,082.00							
R484I	1	Hammer Mill	7,393.50							
502	R485	X1474	158551/46/1	EVARLYN WACHIPA	CHINSALI	R485A	1	Family House	102,088.80	<b>103,250.40</b>

								Veranda	1,161.60	
503	R486	X1415	155101/46/1	KENNEDY MUKUKA	CHINSALI	R486A	1	Shop	7,875.00	77,816.50
						R486B	1	Bar	20,160.00	
						R486C	1	Pit Latrine	2,772.00	
						R486D	1	Insaka	5,652.00	
						R486E	1	Pit Latrine	3,000.00	
						R486F	1	Lemon Tree	450.00	
						R486G	1	Family House	36,107.50	
						R486H	12	Bananas	1,800.00	
504	R487	X1475	195748/75/1	GOODWELL MUBANGA	CHINSALI	R487A	1	Family House	17,739.00	23,958.00
						R487B	1	Insaka	4,536.00	
						R487C	1	Pit Latrine	1,683.00	
						R487D	1	Mexican Apple	150.00	
505	R488	X1476	153317/46/1	JUSTINA MULENGA	CHINSALI	R488A	1	Collapsed Family House	1,814.40	4,634.40
						R488B	1	Collapsed Family House	1,620.00	
						R488C	1	Mango Tree	1,200.00	
506	R489	X1412	143239/46/1	DOROTHY MWILA	CHINSALI	R489A	1	Family House	7,507.50	9,308.17
								Veranda	450.67	
						R489B	3	Mexican Apple Trees	1,350.00	
507	R490	X1413	311396/46/1	JUSTINA BOWA	CHINSALI	R490A	1	Family house	2,400.00	25,500.00
						R490B	8	Mexican Apple	3,600.00	
						R490C	2	Guava Tree	1,000.00	
						R490D	14	Mango Tree	16,800.00	
						R490E	2	Malberry Tree	900.00	
						R490F	2	PawPaw	800.00	
508	R491	X1414	250172/46/1	CHRISTINA KANGWA	CHINSALI	R491A	1	Family House	25,758.00	32,058.00
						R491B	1	Insaka	6,300.00	

509	R492	X1416	218349/46/1	VATRA MUKUKA	CHINSALI	R492A	1	Family House	9,564.50	<b>9,564.50</b>
510	R493	X1417	282093/46/1	QUIZ MUKUKA	CHINSALI	R493A	1	Shop	5,837.40	<b>10,455.65</b>
								Shed	2,643.75	
						R493B	1	Pit Latrine	1,174.50	
						R493C	1	External Bathroom	800.00	
511	R494	X1418	185093/46/1	PHILIMON MULENGA	CHINSALI	R494A	1	Kitchen	12,756.25	<b>25,032.25</b>
						R494B	1	Family house	6,156.00	
						R494C	1	Goat Shed	1,620.00	
						R494D	1	Shallow Well	4,500.00	
512	R495	X1419	282179/46/1	JAMES MULENGA	CHINSALI	R495A	1	Family House	26,730.00	<b>29,199.40</b>
						R495B	1	Incomplete House	1,989.40	
						R495C	4	Bananas	480.00	
513	R496	X1427	256705/46/1	AARON BWALYA	CHINSALI	R496A	1	Family House	10,816.00	<b>10,816.00</b>
514	R497	X1428	129478/65/1	MARIOT KAMPAMBA	CHINSALI	R497A	1	Family house	7,040.00	<b>12,665.00</b>
						R497B	1	Insaka	2,812.50	
						R497C	1	Insaka	2,812.50	
515	R498	X1430	214793/47/1	ALICK SIMUCHIMBA	CHINSALI	R498A	1	Family House	36,872.00	<b>38,757.00</b>
								Veranda	935.00	
						R498B	1	Pit Latrine	950.00	
516	R499	X2849	208464/46/1	PEGGY KANGWA	CHINSALI	R499A	1	Family House	24,635.00	<b>27,918.09</b>
								Veranda	563.33	
						R499B	1	Insaka	1,519.76	
						R499C	1	External Bathroom	1,200.00	
517	R500	X1424	218202/46/1	EZRA CHANDA	CHINSALI	R500A	1	Family House	15,477.00	<b>18,595.05</b>
								Veranda	71.40	
						R500B	1	Insaka	1,326.65	
						R500C	10	Bananas	1,000.00	

						R500D	2	Guava Tree	240.00	
						R500E	1	Pit Latrine	300.00	
						R500F	1	Piggery	180.00	
518	R501	X1427	256705/46/1	AARON BWALYA	CHINSALI	R501A	1	Shop	9,639.00	<b>9,639.00</b>
519	R502	X1426	282179/46/1	JAMES MULENGA	CHINSALI	R502A	1	Shop	1,035.00	<b>1,035.00</b>
520	R503	X1425	251399/46/1	MOSES MULENGA	CHINSALI	R503A	1	Shop	5,880.00	<b>5,880.00</b>
521	R504	X1423	194090/46/1	GERTRUDE MUTALE	CHINSALI	R504B	1	Insaka	1,980.56	<b>3,706.56</b>
						R504C	1	External Bathroom	760.00	
						R504D	1	Pit Latrine	966.00	
522	R505	X1422	170083/16/1	JONAS CHIMBI	CHINSALI	R505E	1	External Bathroom No. 1	1,980.00	<b>3,288.00</b>
						R505F	1	External Bathroom No. 2	858.00	
						R505G	1	Jatropha Tree	450.00	
523	R506	X1421	193405/46/1	ERICK MUTALE	CHINSALI	R506C	1	External Bathroom	880.00	<b>3,745.00</b>
						R506D	1	Pit Latrine	765.00	
						R506E	1	Incomplete Shop	2,100.00	
524	R507	X1420	153874/46/1	KASONDE KAMPAMBA	CHINSALI	R507A	1	Shop	3,388.00	<b>4,414.00</b>
						R507B	1	Pit Latrine	1,026.00	
525	R508	X1237	108628/46/1	MONICA CHANDA	CHINSALI	R508C	1	Pit Latrine	765.00	<b>765.00</b>
526	R509	X1236	391650/61/1	FRIDAY CHILESHE	CHINSALI	R509A	1	Family House	9,541.00	<b>10,861.00</b>
						R509B	1	Pit Latrine	1,320.00	
527	R510	X1235	164689/46/1	VICTOR MUKUKA	CHINSALI	R510A	1	Family House	27,412.00	<b>29,384.58</b>
								Veranda	652.58	
						R510B	1	Pit Latrine	1,320.00	
528	R511	X1234	145494/46/1	GOODSON CHIBULU	CHINSALI	R511A	1	Family House	26,460.00	<b>31,279.88</b>
								Veranda	405.00	
						R511B	1	Kitchen	2,884.88	
						R511C	1	External Shower	720.00	

						R511D	1	Pit Latrine	810.00	
529	R512	X1233	N/A	CHIMBELE COMMUNITY BOREHOLE	CHINSALI	R512A	1	Borehole fitted with hand pump	25,000.00	<b>25,000.00</b>
530	R513	X1232	153927/66/1	GLADYS CHIBESAKUNDA	CHINSALI	R513A	1	Family House	31,290.00	<b>33,266.23</b>
								Veranda	245.70	
						R513B	1	Insaka	830.53	
						R513C	6	Bananas	900.00	
531	R514	X1231	115000/66/1	ROYCE CHIBESAKUNDA	CHINSALI	R514A	1	Family House	44,334.00	<b>70,732.30</b>
								Veranda	510.30	
						R514B	1	Family House	9,982.00	
						R514C	1	Goat Pen	1,176.00	
						R514D	30	Bananas	4,500.00	
						R514E	1	External Bathroom	1,800.00	
						R514F	2	Jatropher Trees	7,000.00	
						R514G	1	Pit Latrine	1,080.00	
R514I	1	Mexican Apple	350.00							
532	R515	X1230	185184/46/1	WESTONE MWILA	CHINSALI	R515A	1	Family House	98,040.00	<b>121,399.00</b>
								Veranda	1,260.00	
						R515B	1	Shop	13,195.00	
						R515C	1	External Bathroom	2,100.00	
		R515D	1	External Kitchen	6,804.00					
533	R516	X1241	144463/46/1	FRIDAH MWANSA	CHINSALI	R516A	1	Family house	20,174.00	<b>20,405.00</b>
								Veranda	231.00	
534	R517	X1239	108631/46/1	JOYCE CHANDA	CHINSALI	R517A	1	Family House	30,520.00	<b>56,682.00</b>
								Veranda	462.00	
						R517B	27	Bananas	4,050.00	
		R517C	1	Jatropher Tree	650.00					

						R517D	1	Pit Latrine	1,200.00	
						R517E	120	Bamboo Trees	2,400.00	
						R517F	1	Avocado Tree	1,200.00	
						R517G	1	Incomplete House	16,200.00	
535	R518	X1240	129478/65/1	MARRIOT KAMPAMBA	CHINSALI	R518A	1	Family house	39,591.00	<b>50,805.00</b>
						R518B	1	Avocado Tree	1,100.00	
						R518C	2	Mango Tree	1,800.00	
						R518D	1	Kitchen	5,742.00	
						R518E	1	Insaka	1,276.00	
						R518H	1	Goat Shed	756.00	
						R518I	1	Pit Latrine	540.00	
536	R519	X1174	N/A	PENTECOSTAL ASSEMBLIES OF GOD	CHINSALI	R519A	1	Church	83,520.00	<b>83,520.00</b>
537	R520	X1175	108683/66/3	MARIA MFULA CHASAYA	CHINSALI	R520B	1	Pit Latrine	1,200.00	<b>1,200.00</b>
538	R521	X1490	157397/46/1	EXILDAH SHULA	CHINSALI	R521A	1	Family House	45,885.00	<b>51,415.00</b>
						R521B	1	External Bathroom	1,012.00	
						R521C	1	Pit Latrine	1,518.00	
						R521D	30	Bananas	3,000.00	
539	R522	X1246	N/A	UNITED CHURCH OF ZAMBIA	CHINSALI	R522A	1	Pit Latrine	2,940.00	<b>7,770.00</b>
						R522B	1	Pit Latrine	3,906.00	
						R522D	1	External Bathroom	924.00	
540	R523	X1244	117489/46/1	RENALD MUSOSHA	CHINSALI			Family House	43,200.00	<b>62,187.50</b>
						R523A	1	Veranda	270.00	
							1	External Bathroom	432.00	
						R523B	1	External Bathroom	1,296.00	
						R523C	1	Pit Latrine	1,782.00	
						R523D	1	Goat Pen	540.00	



						R523E	1	Duck Shed	337.50	
						R523F	1	Chicken Coop	130.00	
						R523G	1	Avocado Tree	1,200.00	
						R523H	1	Insaka	2,200.00	
						R523I	1	Store Room	10,800.00	
541	R524	X1245	202013/46/2	CHARLES MBULO	CHINSALI	R524B	1	External Kitchen	4,290.00	<b>11,990.00</b>
						R524C	3	Mango Trees	2,700.00	
						R524D	6	Bamboo	5,000.00	
542	R525	X1243	241558/64/1	CLEMENT MPUNDU	CHINSALI	R525A	1	Block of Shops/Family House	52,682.00	<b>71,598.40</b>
								Veranda	3,998.40	
						R525B	1	Insaka	3,768.00	
						R525C	1	Storeroom	2,100.00	
						R525D	1	External Bathroom	960.00	
						R525E	1	Duck House	760.00	
						R525F	1	Ablution Block	4,900.00	
						R525G	1	Mango Tree	750.00	
							4	Mango Seedlings	480.00	
						R525H	1	Paw Paw	1,200.00	
543	R526	X1242	103361/63/1	WILLIAM NGOMA	CHINSALI	R526A	1	Shop	28,272.00	<b>31,859.40</b>
								Veranda	1,562.40	
						R526B	1	Pit Latrine	2,025.00	
544	R527	X1176	N/A	MUMBO MORTON (CHIMBELE PRIMARY SCHOOL)	CHINSALI	R527A	1	Family House	114,060.00	<b>118,194.00</b>
								Veranda	900.00	
						R527B	1	Pit Latrine	3,234.00	
545	R528	X1492	158009/95/1	DAVIES CHITUMBULA	CHINSALI	R528A	1	Block of Semi – Detached Flats	108,000.00	<b>113,820.00</b>
						R528B	1	Pit latrine	1,320.00	

						R528C	1	Insaka	4,500.00	
546	R529	X2820	N/A	KASONDE BWALYA	CHINSALI	R529A	1	Concrete Tank Stand +5,000 Litres water tank	7,128.00	<b>68,361.85</b>
						R529B	1	Borehole fitted with submersible pump	35,000.00	
						R529C	1	Poultry House	14,400.00	
						R529D	1	Insaka	2,833.85	
						R529E	60	Pine Trees	9,000.00	
547	R530	X1178	-	LEWIS NGOMA	CHINSALI	R530A	1	Office	3,600.00	<b>3,600.00</b>
548	R531	X1178	-	LEWIS NGOMA	CHINSALI	R531A	1	Block of Shops	49,440.00	<b>49,440.00</b>
549	R532	X1177	102006/46/1	NATHAN CHISHA	CHINSALI	R532A	1	Block of Shops	15,750.00	<b>22,505.75</b>
								Veranda	897.75	
						R532B	1	Insaka	3,768.00	
						R532C	1	Pit Latrine	2,090.00	
550	R533	X1180	281926/46/1	KATONGO CHILESHE	CHINSALI	R533A	1	Family House	37,908.00	<b>58,672.00</b>
						R533B	1	Pit Latrine	2,142.00	
						R533C	1	Family House	16,560.00	
								Veranda	462.00	
						R533D	1	Goat Pen	1,600.00	
551	R534	X1181	282677/43/1	PATRICIA BWALYA	CHINSALI	R534A	1	Family House	9,128.00	<b>9,464.00</b>
								Veranda	336.00	
552	R535	X1182	120742/46	FELISTER MBULO	CHINSALI	R535A	1	Family House	41,760.00	<b>53,092.07</b>
								Veranda	615.60	
						R535B	1	External Kitchen	6,234.47	
						R535C	1	External Shower	2,700.00	
						R535D	1	Pit latrine	924.00	
						R535E	1	Pig Sty	858.00	
553	R536	X1183	262163/46/1	JOHN NGOSA	CHINSALI	R536A	1	Pit Latrine	1,400.00	<b>1,400.00</b>

554	R537	X1184	184073/46/1	VICTOR MULENGA	CHINSALI	R537A		Incomplete Family House	6,930.00	<b>12,563.44</b>
						R537C	1	Insaka	2,813.44	
						R537D	1	Pit Latrine	2,100.00	
						R537E	1	External Bathroom	720.00	
555	R538	X1186	237281/46/1	MARTIN CHITI	CHINSALI	R538A	1	Family House	7,326.00	<b>7,326.00</b>
556	R539	X1185	N/A	SINO AFRICA TIMBER COMPANY LIMITED	CHINSALI	R539A	1	Boundary Fence	77,575.00	<b>213,465.00</b>
						R539B	1	Small Shelter	24,000.00	
						R539C	1	Big Shelter	91,770.00	
						R539D	1	Guava Seedling	120.00	
						R539E	1	Septic Tank	20,000.00	
557	R540	X8001	150195/46/1	JOHN MUTALE	CHINSALI	R540A	1	Collapsed Insaka	8,792.00	<b>14,342.00</b>
						R540B	37	Bananas	5,550.00	
558	R541.2	X1483	164299/46/1	MUBANGA KABALI	CHINSALI	R541.2B	8	Pine Trees	1,200.00	<b>1,200.00</b>
559	R542	X1479	143178/68/1	BEDDAH KABOMBO	CHINSALI	R542A	13	Pine Trees	8,450.00	<b>8,450.00</b>
560	R553	X1199	150945/46/1	JEAN LUO	CHINSALI	R553A	1	Boundary Fence	16,520.00	<b>16,520.00</b>
561	R554	X8000	-	FLEMING M'TAMBO	CHINSALI	R554	3	Pine Tree	750.00	<b>750.00</b>
<b>TOTAL</b>									<b>23,817,039.58</b>	<b>23,817,039.58</b>

## 17.0 Valuation

Having regard to the contents of this report we are of the opinion that a realistic assessment of the **Reinstatement Cost of Buildings, Structures and Improvements** - as at the date of inspection can fairly be stated as follows:

**ZMW23,817,039.58**

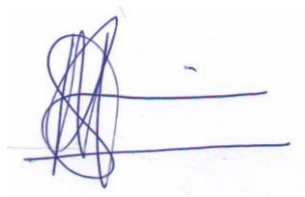
**(Twenty Three Million, Eight Hundred and Seventeen Thousand, Thirty Nine Kwacha, Fifty Eight Ngwee)**

In accordance with our standard practice we must state that the valuation is confidential to the party to whom it is addressed and no responsibility is accepted to any third party for the whole or any part of its contents. If our opinion of value is disclosed to persons other than the addressees of this report the basis of valuation should be stated.

Neither the whole nor any part of this report or any references thereto should be included in any published document, circular or statement, nor published in any way without the prior written approval of the form and context in which it may appear.

This report has been prepared by **Martin Lengwe Sauti** and **Gregory Chapepwa Sinkamba** in accordance with the RICS Appraisal and Valuation Standards and the Valuation Surveyors Act (Cap 207) of the Laws of Zambia on behalf of Sandridge Associates.

Yours faithfully,



Martin L. Sauti, BSc, MSIZ, MZEIA  
**REGISTERED VALUATION SURVEYOR**  
For and on behalf of Sandridge Associates



Gregory C. Chapepwa, BSc, MSIZ  
**REGISTERED VALUATION SURVEYOR**  
For and on behalf of Sandridge Associates