



ROAD DEVELOPMENT AGENCY

Improved Rural Connectivity Project

**REHABILITATION OF PRIMARY FEEDER ROADS IN LUSAKA
PROVINCE**

**ADDENDUM NO. 2
TO THE**

**ABBREVIATED RESETTLEMENT ACTION PLAN FOR PACKAGE 19
(CHONGWE, RUFUNSA & LUANGWA DISTRICTS)**

11 NOVEMBER 2024

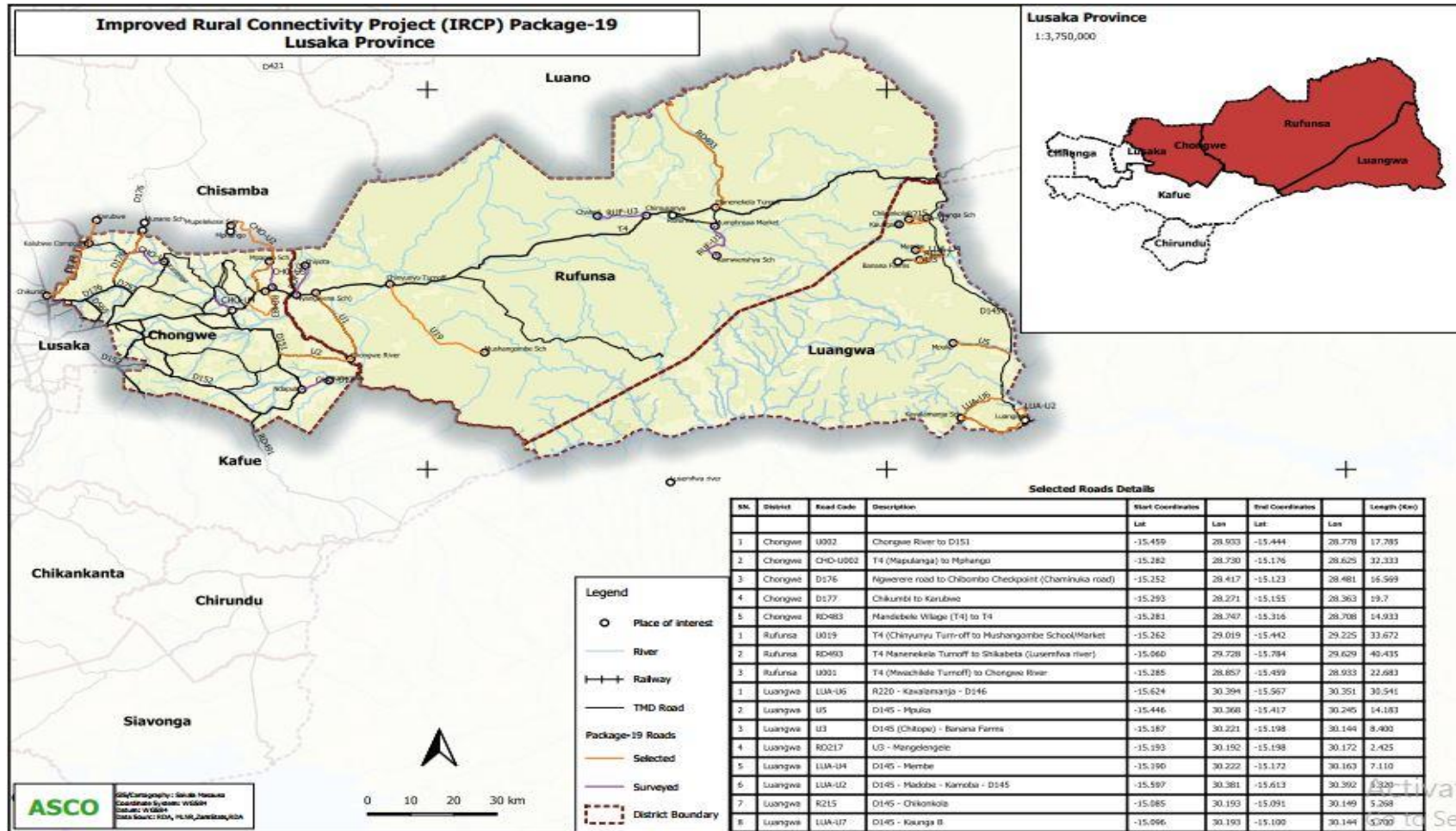
1.0 INTRODUCTION

The Government of the Republic of Zambia (GRZ) has received financing from the World Bank (WB) towards the cost of implementing the Improved Rural Connectivity Project (IRCP) in six (6) provinces of Zambia namely Central, Eastern, Luapula, Southern, Muchinga and Luapula provinces. The financing of the other four (4) provinces namely Copperbelt, Lusaka, Western and North-western which were initially supposed to be financed by the GRZ will now be financed by the World Bank after the World Bank had approved a request by GRZ on 30th June 2021 to restructure the project. The project will be implemented for a period of five (5) years from 2018 to 2025 using the Output and Performance Road Contract (OPRC) approach. The Road Development Agency (RDA) whose mandate is to care, maintain and construct the road network of the country is implementing component one of the IRCP on behalf of the Zambian Government.

The IRCP under Package 19 in Lusaka Province will be implemented on the following roads:

No	Road ID	District	Description (Start / End)	Road length (Km)
1	U002	Chongwe	Chongwe river to D151	17.785
2	CHO-U002	Chongwe	T4 (Mapulanga) to Mphango	32.333
3	D176	Chongwe	Ngwerere road to Chibombo checkpoint (Chaminuka road)	16.569
4	RD483	Chongwe	Mandebele village (T4) to T4	14.933
5	D177	Chongwe	T2 (Chikumbi) to Karubwe	26.400
Chongwe District Roads				108.020
6	U019	Rufunsa	T4 (Chinyunyu Turn Off) to Mushangombe School/Market	33.672
7	RD493	Rufunsa	T4 Manenekela Turn Off to Shikabeta (Lunsemfwa river)	40.435
8	U001	Rufunsa	T4 (Mwachilele Turn Off) to Chongwe river	22.683
Rufunsa District Roads				96.790
9	LUA-U006	Luangwa	R220 - Kavalamanja - D146	30.541
10	U5	Luangwa	D145 - Mphuka	14.183
11	U3	Luangwa	D145 (Chitope) - Banana Farms	8.400
12	RD217	Luangwa	U3 - Mangelengele	2.425
13	LUA-U004	Luangwa	D145 - Membe	7.110
14	LUA-U002	Luangwa	D145 - Madobe - Kamoba - D145	5.320
15	R215	Luangwa	D145 - Chinkola	5.268
16	LUA-U007	Luangwa	D145 - Kaunga B	5.700
Luangwa District Roads				78.947
Length of Package 19				283.757

Figure 1. Location of Chongwe, Rufunsa and Luangwa Districts in Lusaka Province



In accordance with the requirements of the World Bank (WB) Operational Policy 4.12 and the Zambian Environmental Impact Assessment (EIA) Regulations of 1997 the Abbreviated Resettlement Action Plan (ARAP) was prepared in October 2021 as a mitigation measure to address issues of land acquisition, resettlement and compensation that shall arise during the course of implementing the IRCP in Lusaka Province under Package 19. Prior to the preparation of the ARAP report an Environmental Project Brief (EPB) covering Package 19 of Lusaka Province was prepared based on the guidance that the Zambia Environmental Management Agency (ZEMA) had provided to the Road Development Agency on 3rd May 2017 that RDA should prepare EPB reports for each province under the IRCP. The Zambia Environmental Management Agency (ZEMA) issued the approval Decision Letter for the EPB report for Lusaka Province on 9th November 2023.

The initial ARAP report for Package 19 for Chongwe, Rufunsa and Luangwa districts of Lusaka Province was prepared in 2020. The revised final ARAP report was prepared in November 2022 and was cleared by the World Bank on 12th April 2023.

Addendum No. 1 report was prepared in August 2024 to include structures that were not captured in the revised ARAP of 2022.

2.0 ARAP ADDENDUM NO. 2

This ARAP Addendum No. 2 report has been prepared to include structures that were not captured in the revised ARAP of 2022 and Addendum No. 1 of August 2024. The affected structures that have been included in the ARAP addendum no. 2 have been verified by the Contracting Entity (CE) and the Monitoring Consultant (MC) for Package 19 after the preparation of the detailed engineering designs of the roads that will be rehabilitated.

The Government Valuation and Property Management Department (GVPM) valued the affected structures on the project roads namely D176 and D177 in Chongwe district during the month of September 2024. This ARAP is expected to be implemented by the Contracting Entity (CE) through the works contract under an arrangement that was agreed with the World Bank towards the end of 2019.

3.0 ENTITLEMENT MATRIX

Against the foregoing ARAP Addendum No.2 will therefore adhere to the following revised entitlement matrix:

Type of Loss	Category of Affected People	Entitlement
1. Loss of land	<p>Landowners with legitimate interests in the Road Corridor in the following categories:</p> <ol style="list-style-type: none"> 1. Traditional land tenure administered by the Chief 2. Privately purchased land in an area under traditional control 	<ul style="list-style-type: none"> • Financial compensation for lost land at full replacement value¹: <ul style="list-style-type: none"> – Where affected land is smaller than 1.25ha OR – Where the affected portion is less than 20% of the land • Full replacement of land allocated under traditional system: <ul style="list-style-type: none"> – Where the affected farm is cultivated and – Where the affected portion is more than 20% of the lost land, OR – Where the owner can prove that the residual (remainder) area is no longer economically viable, OR – Where land acquisition causes landlessness (minimum livelihood requirement is 1 lima or 0.25ha)
2. Loss of livelihood	Households suffering direct economic displacement (farm-based) resulting from the road project	<ul style="list-style-type: none"> • Transitional assistance to farmers with cultivated fields to mitigate the loss of livelihood until their crops have been re-established
	Households suffering direct economic displacement (legitimate businesses) resulting from the road project	<ul style="list-style-type: none"> • Payment of cash compensation for structures such as shops, churches, houses etc that have to be relocated • Compensation for loss of business income based on baseline financial data for affected enterprises • Any transactional costs to restore previously existing business rights will be borne by the Project
3 Disturbance allowance	Project affected households with affected assets within the road project.	<ul style="list-style-type: none"> • Cash compensation for the loss of opportunity as a result of the project. Compensation must be paid to project affected households.

¹ Land Acquisition Act: value of the property shall be the amount which the property might be expected to realize if sold in the open market by a willing seller.

4.0 PAYMENT OF CASH COMPENSATION

The amount of cash compensation to be paid to the PAPs will be in accordance with the amounts reflected in the Valuation Report of 28th October 2024 that has been attached to this addendum number 2.

5.0 STATUS OF ADDENDUM NO. 2

This addendum No. 2 supplements the ARAP report that was cleared in April 2023 and the Addendum No. 1 of August 2024. However, the provisions of the ARAP report of November 2022 and Addendum No. 1 will remain in force except where they have been supplemented by this Addendum No. 2.

6.0 DETAILS OF AFFECTED PROPERTIES

Details of the affected structures and the proposed amounts of compensation to the Project Affected People have been indicated in the Valuation Report dated 28th October 2024 which is in the appendix to this addendum.

7.0 FIELDS

Generally, the local people along the road sections do extend their fields into the road reserve areas for growing seasonal crops such as maize, cassava tubers and groundnuts. As a mitigation measure the Road Development Agency in conjunction with the Local Authorities at district and traditional levels have conducted and shall continue to conduct awareness campaigns prior to the commencement of civil works in any section of the road to sensitize the local people not to cultivate in the road reserve areas to ensure the smooth implementation of the civil works.

Furthermore, all the farmers that may have already planted will be allowed to harvest their crops prior to the commencement of civil works on any road sections where such fields may have extended into the road reserve.

In instances where the farmers crop will be damaged because of the civil works, an assessment of the lost crop will be made, and the concerned farmer(s) will be compensated accordingly.

8.0 ARAP COST

The compensation costs indicated in this addendum were determined by the Government Valuation and Property Management Department (GVPM) in October 2024. The total compensation cost is **ZMW 159,140.00**.

9.0 CONCLUSION

The Road Development Agency being the implementing agency for the IRCP component 1 is committed to the implementation of this Addendum No. 2 of the Abbreviated Resettlement Action Plan for Package 19 in accordance with the World Bank Safeguard policies and the national laws and policies.

**Director/Chief Executive Officer
ROAD DEVELOPMENT AGENCY**

10.0 APPENDIX

Valuation Report dated 28th October 2024.



REPUBLIC OF ZAMBIA

**DEPARTMENT OF VALUATION AND
PROPERTY MANAGEMENT**

**REPORT
AND
VALUATION**

OF

**PROPERTIES AFFECTED BY THE
REHABILITATION OF PRIMARY FEEDER
ROADS IN SOUTHERN AND LUSAKA
PROVINCES UNDER IMPROVED RURAL
CONNECTIVITY PROJECT (IRCP)**

Southern Region
P O Box 50236
LUSAKA

Northern Region
P O Box 21999
KITWE



MIHUD/DVPM/G057/2024/GC

REPUBLIC OF ZAMBIA

DEPARTMENT OF VALUATION AND PROPERTY MANAGEMENT

SOUTHERN REGION OFFICE
P.O. BOX 50235
LUSAKA

28th October, 2024

The National Project Coordinator
Ministry of Infrastructure, Housing and Urban Development
P. O. Box 50235
LUSAKA

Attention: Mr. Mwata Sekeseke (National Project Coordinator)

REPORT AND VALUATION OF PROPERTIES AFFECTED BY THE REHABILITATION OF PRIMARY FEEDER ROADS IN SOUTHERN AND LUSAKA PROVINCES UNDER IMPROVED RURAL CONNECTIVITY PROJECT (IRCP)

Reference is made to the internal memorandum dated 20th September, 2024 requesting us to advise on the market values of the above-mentioned properties for compensation purposes. The properties have been inspected and we are now pleased to report as follows:

1.0 INSTRUCTIONS

Client

The instructions were received from the Permanent Secretary, Ministry of Infrastructure, Housing and Urban Development P. O. Box 50235 Lusaka.

Purpose

To assess the market values of the subject properties for compensation purposes.

2.0 BACKGROUND

Government through the Ministry of Infrastructure, Housing and Urban Development has embarked on the program of rehabilitation of primary feeder roads across the country through the Improved Rural Connectivity Project (IRCP) with financing from the World Bank. Some of the roads that have been earmarked for the rehabilitation works have structures built closer to the roads and will require to be removed or reallocated to safer points.

In accordance with the government's procedure, the affected structures must be valued and owners compensated before they are removed or reallocated to safer points. Ministry of Infrastructure, Housing and Urban Development has identified the affected structures and Department of Valuation and Property Management was engaged to undertake valuation assessment of the said assets.

The valuation covered existing improvements on land which included ancillary structures, billboards, fences, fruits trees and boreholes. It must be stated that land was excluded in the valuation assessment because it did not form the basis of valuation as we understand the situation.

3.0 INSPECTION & MEASUREMENTS

The subject properties were inspected between 4th October and 13th October, 2024 by our Mr. Gerald Chiluba who was accompanied by a representative from the Road Development Agency (RDA) during which Information regarding location, age of the buildings, building materials used, state of repair, maturity of fruit trees, services and the neighborhood was obtained.

All measurements were taken in accordance with the Royal Institution of Chartered Surveyors (RICS) Code of Measuring Practice as recognized by the Zambia Institute of Valuation Surveyors (ZIVS). Areas have been calculated on Gross External Area (GEA) basis.

Dimensions and data of a technical nature are not included in this report as such information is considered to be irrelevant to the valuation assessment of the assets captured in this report.

4.0 STATE OF REPAIR & CONDITION OF PROPERTIES

We were not instructed and therefore did not carry out a structural survey of the buildings/structures listed in the attached schedules nor were any of the services tested. Therefore, no guarantee can be given in these respects. However, based on the information obtained which was limited to readily accessible and visible parts, we have commented on the condition of the individual properties in the attached valuation schedules.

5.0 VALUATION PRINCIPLES AND CONSIDERATIONS

The basic principle of compensation is that the sum awarded, should as far as practicable, place the claimant in the same financial position as they would have been, had there been no question of their land/property being acquired. This means that the claimant should not be made better off or worse off after the displacement. However, to place the claimant in an equal position is not achievable in practice as there are many unquantifiable parameters that affect their lives arising from the displacement. As a result, it is recommended and it has been an international practice in compensation projects that the compensating authorities go an extra mile to make the affected individuals/communities better off.

Land Use – Information obtained at the time of inspections indicate that the subject properties are located in customary areas. The customary areas where the properties/assets are located are not amenable to planning permission in accordance with the Urban Regional Planning Act No. 3 of 2015. However, for the purpose of this report, we have assumed that there are no existing planning restrictions that can substantially or materially affect the values of the properties described in this report.

Disturbance Allowance – Disturbance allowance is an issue of a social dimension and would best be handled by sociologists. However, from trends adopted internationally and local practices in projects of similar nature, disturbance allowance has been allocated at around 20%-30% of the assessed values. In our assessment, a fixed amount of disturbance allowance was adopted and allocated across the board and 20% of the assessed values was added to arrive at the disturbance allowance which was added to the replacement costs and/or land values to arrive at the values for compensation, considering items such as the costs of removal, relocation costs, distances to schools, clinics/hospitals, courts and other communal facilities.

Valuation of Crops - In arriving at the value of crops, units of value in terms of current rates per hectare for specific crop have to be established from the Ministry of Agriculture. Therefore, valuation of crops is estimated on the basis of earning capacity of the crop that considered actual value and inflation. Crop valuation by earning approach entails discounting net income expectancies to a present worth estimate which a prudent and well-informed purchaser would be willing to pay at a fixed time for the right to receive the income stream produced by a particular crop.

World Bank Recommended Valuation Method - The use of Replacement Cost Valuation Method for valuing assets is recommended by the World Bank Operational Policy 4.12. In this regard, “Replacement Cost” as it relates to agricultural land is defined as the pre-project or pre-displacement, market value of land of equal productive potential or use located in the vicinity of the affected land,

plus the cost of preparing the land to levels similar to those of the affected land, plus the cost of any registration and transfer taxes whichever is the higher.

For land in urban areas, it is the pre-displacement market value of land of equal size and use, with similar or improved public infrastructure facilities and services and located in the vicinity of the affected land, plus the cost of any registration and transfer taxes. For houses and other structures, it is the market cost of the materials to build a replacement structure within an area and quality similar to or better than those of the affected structure, or to repair a partially affected structure, plus the cost of transporting building materials to the construction site, plus the cost of any labour and contractors' fees, plus the cost of any registration and transfer taxes.

The World Bank Policy 4.12 further states that “in determining the replacement cost, depreciation of the asset and the value of salvage materials are not taken into account, nor is the value of benefits to be derived from the project deducted from the valuation of an affected asset and where domestic law does not meet the standard of compensation at full replacement cost, compensation under domestic law is supplemented by additional measures so as to meet the replacement cost standard.”

Lands Acquisition Act - The Lands (Compulsory) Acquisition Act, Cap.189 of the Laws of Zambia, provides that any acquisition of Land by the state under the Act shall require a reasonable and fair compensation based on market value of the property.

Section 12 of Part III (Compensation) of the Lands Acquisition Act Cap.189 of the Laws of Zambia states as outlined below:

“In assessing adequate compensation as provided in the Constitution for any property to be acquired under the provisions of this Act, the Minister and the Court shall act in accordance with the following principles:

- (a) No allowance shall be made on account of the acquisition being compulsory;
- (b) The value of 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 under section seven of the notice to yield up possession.

6.0 VALUATION METHODOLOGY

6.1 BASIS OF VALUATION

The bases of valuation adopted were Replacement Cost and Market Value in accordance with the World Bank Operational Policy 4.12 and the Land Acquisition Act Cap 189 of the Laws of Zambia respectively.

6.1.1 Replacement Cost

Replacement Cost (RC) is defined as “The aggregate amount of the value of the land for the existing use or a notional replacement site in the same locality, and the gross replacement cost of the buildings and other site works”. Therefore, the amount an entity would have to pay to replace an asset at the present time, according to its current worth. Replacement cost is the basis of valuation 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 were not taken into account.

6.1.2 Market Value

The basis of valuation adopted is market value. This is an estimated amount for which a property should exchange on the date of valuation between a willing buyer and a willing seller in an arm’s-length transaction after proper marketing wherein the parties had each acted knowledgeably, prudently and without compulsion.

Additionally, the losses that could not easily be valued or compensated for monetary terms such as social benefits, a disturbance allowance has been added to take those factors into account.

Any other unforeseen incidental costs relating to the relocation process, shifting modalities and period of transition would be assessed and determined by the compensating authority or other competent authorities.

6.2 VALUATION METHOD

In order for us to determine the compensation values of the subject properties/assets, the Cost Approach method was adopted. This method is described in detail below: -

6.2.1 The Cost Approach (Replacement Cost)

The Depreciated Replacement Cost Method of Valuation method is used to value properties where there is no general demand and thus for which comparable evidence is absent. If such properties are sold, the price required by the vendor would normally be the cost of construction plus the value of land for an alternative property. In such circumstances, it is reasonable to assume that value and cost are equal. Therefore, this method requires estimates of the value of the land in its existing use and of the gross replacement cost of buildings and other site works from which appropriate deductions may then be made to allow for age, condition, economic or functional obsolescence and environmental factors.

7.0 SOURCES OF INFORMATION

During the physical inspection of the properties valuable information was obtained including cost of construction per square metre of similar structures for the valuation subject properties. The current prices of assets were obtained from both local and international supplies.

Other sources of information include data of building rates per meter squares of similar structures from Ministry of Infrastructure, Housing and Urban Development and from private construction firms and Estate Agents on recent property sales/construction cost in the subject localities.

8.0 PROVISIO

This report is based on the information supplied and verbal enquiries with the relevant authorities. We have assumed that the subject properties comply with all Council By-laws and Statutory Ordinances.

9.0 CONFIDENTIALITY

This report is provided for the stated purpose and for the sole use of the **National Project Coordinator, Ministry of Infrastructure, Housing and Urban Development** to whom it is addressed. It is confidential to the Project Coordinator and his professional advisers. Consequently, and in accordance with the current practice, no responsibility is accepted by Department of Valuation and Property Management or its employees to any third party in respect of the whole or any part of its contents.

Before this report or any part of it is reproduced or referred to in any document circular or statement, the wording and contents should be agreed in writing with the Director, Department of Valuation and Property Management, before-hand.

10.0 VALUATION

After taking relevant factors into account, it is our considered opinion that the Grand Total Market Value for purposes of compensation of the affected properties in Southern and Lusaka Provinces is **ZMW587,216.00 (Five Hundred Eighty-Seven Thousand Two Hundred Sixteen Kwacha)** broken down in the attached schedules.

We attach herewith the property schedules on the individual breakdown of the values of the affected properties.

Date of Valuation: This is taken to be 20th September, 2024 being the date of your written instructions.

This report should not be considered valid if not acted upon forthwith or if circumstances substantially change from those obtaining on the date of valuation.

We thank you for the instructions and should you have any queries please, do not hesitate to contact us.



Wezi Banda

SENIOR VALUATION AND PROPERTY MANAGEMENT OFFICER
For/REGIONAL VALUATION AND PROPERTY MANAGEMENT OFFICER (S)
DEPARTMENT OF VALUATION AND PROPERTY MANAGEMENT

cc: The Permanent Secretary
Ministry of Infrastructure, Housing and Urban Development
LUSAKA

cc: The Director
Department of Valuation and Property Management
LUSAKA

SUMMARY OF OWNERS, PROPERTIES, LOCATIONS AND VALUES

. Location: Mazabuka

oad Name: F001

OWNERSHIP	DESCRIPTION OF PROPERTY	ROAD NAME	CONDITION	LOCATION	ORIENTATION & CHAINAGE	TOTAL CURRENT REPLACEMENT COST (ZMW)
Chinda Guilty	Mango tree	F001	Mature	Mazabuka	Right (0+160)	1,800.00
Nathan Nyaanwa	Hedge fencing	F001	Fair	Mazabuka	Left (0+380)	1,290.00
Chanda Chizooma	Hedge fencing	F001	Fair	Mazabuka	Left (1+843)	450.00
Clayford Machila	Hedge fencing	F001	Fair	Mazabuka	Right (1+986)	285.00
Austen Mwiinga	Hedge fencing	F001	Fair	Mazabuka	Left (2+107)	450.00
Mainza Chibule	Mango tree	F001	Mature	Mazabuka	Right (2+484)	1,800.00
Mainza Chibule	<ul style="list-style-type: none"> • Cassava plants • Winter maize garden 	F001	Fair	Mazabuka	Right (2+537)	702.00
Adrian Mampwe	Hedge fencing	F001	Fair	Mazabuka	Right (3+140)	966.00
Biggie Ng'andu	Hedge fencing	F001	Fair	Mazabuka	Right (3+240)	405.00
Fanwell Mwiinga	Hedge fencing	F001	Fair	Mazabuka	Left (3+473)	2,784.00
Mooya Tagamu	Hedge fencing	F001	Fair	Mazabuka	Right (5+643)	1,320.00
SDA (Kalonga)	Hedge fencing	F001	Fair	Mazabuka	Left (5+263)	450.00
Muloso	Hedge fencing	F001	Fair	Mazabuka	Right (5+286)	270.00
Malambo	Hedge fencing	F001	Fair	Mazabuka	Left (7+177)	3,600.00
Nusense Mayanda	2 Mangoes	F001	Mature	Mazabuka		3,600.00



Sub Total	16,572.00
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2. Location: Mazabuka
Road Name: RD645a

S.N	OWNERSHIP	DESCRIPTION OF PROPERTY	ROAD NAME	CONDITION	LOCATION	ORIENTATION & CHAINAGE	TOTAL CURRENT REPLACEMENT COST (ZMW)
1	Forest Department	1 Mango	RD645a	Mature	Mazabuka	Right (34+270)	1,800.00
Sub Total							1,800.00

3. Location: Mazabuka
Road Name: RD645b

S.N	OWNERSHIP	DESCRIPTION OF PROPERTY	ROAD NAME	CONDITION	LOCATION	ORIENTATION & CHAINAGE	TOTAL CURRENT REPLACEMENT COST (ZMW)
1	Giveness Hamaluba	1 Mongo tree	RD645b	Mature	Mazabuka	Right (0+343)	1,800.00
2	Giveness Hamaluba	1 Mongo tree	RD645b	Mature	Mazabuka	Right (0+520)	1,800.00
3	Harriet Hamunyongo	2 Mongo trees	RD645b	Mature	Mazabuka	Right (1+378)	3,600.00
4	Justine Habasimbi	Hedge fencing	RD645b	Fair	Mazabuka	Right (1+620)	660.00
5	Siyowi Cooperative	Concrete Surrounding	RD645b	Fair	Mazabuka	Right (4+220)	24,000.00
6	Milimo Hikapanda	Barbed wire fencing	RD645b	Fair	Mazabuka	Right (4+390)	66,240.00

7	Milimo Hikapanda	Sisal fencing	RD645b	Fair	Mazabuka	Right (4+390)	2,484.00
8	Milimo Hikapanda	Sisal fencing	RD645b	Fair	Mazabuka	Right (4+390)	2,484.00
9	Sineti Buumba	1 Mango tree	RD645b	Mature	Mazabuka	Left (5+772)	1,800.00
10	Community	Communal well	RD645b	Non Functional	Mazabuka	Left (6+488)	18,000.00
11	Dominic Juma	3 Mongo trees	RD645b	Mature	Mazabuka	Left (6+845)	5,400.00
12	Dominic Juma	Water well	RD645b	Dry well	Mazabuka	Left (6+845)	9,600.00
Sub Total							137,868.00

4. Location: Mazabuka
Road Name: U19

S.N	OWNERSHIP	DESCRIPTION OF PROPERTY	ROAD NAME	CONDITION	LOCATION	ORIENTATION & CHAINAGE	TOTAL CURRENT REPLACEMENT COST (ZMW)
1	Everet Mwando	Hedge fencing	U19	Fair	Mazabuka	Left (0+180)	420.00
2	Consilia Ntilimo	Hedge fencing	U19	Fair	Mazabuka	Left (0+190)	450.00
3	Community	Hand pump borehole	U19	New	Mazabuka	Left (1+620)	90,000.00
4	Namweembe Cheelo	1 Mongo trees	U19	Mature	Mazabuka	Right (2+165)	1,800.00
5	Namweembe Cheelo	Hedge fencing	U19	Fair	Mazabuka	Right (2+170)	1,800.00
6	Honest Nonde	Hedge fencing	U19	Fair	Mazabuka	Left (4+830)	47,520.00
7	Therdeous Mweene	Foundation box	U19	Fair	Mazabuka	Right (9+017)	3,600.00
8	Betty Mutinta	Shop	U19	Incomplete	Mazabuka	Right (9+044)	14,700.00

9	Kakola High School	Steel Sign post	U19	Fair	Mazabuka	Right (12+000)	1,200.00
Sub Total							112,890.00

5. Location: Mazabuka
Road Name: U17

S.N	OWNERSHIP	DESCRIPTION OF PROPERTY	ROAD NAME	CONDITION	LOCATION	ORIENTATION & CHAINAGE	TOTAL CURRENT REPLACEMENT COST (ZMW)
1	Brigilda Mainza	Hedge fencing	U17	Fair	Mazabuka	Right (0+100)	816.00
2	Moses Kapenda	Burnt brick sign post	U17	Fair	Mazabuka		1,800.00
Sub Total							2,616.00

6. Location: Mazabuka
Road Name: U16-18

S.N	OWNERSHIP	DESCRIPTION OF PROPERTY	ROAD NAME	CONDITION	LOCATION	ORIENTATION & CHAINAGE	TOTAL CURRENT REPLACEMENT COST (ZMW)
1	Mambo kandyata	Barbed wire fencing	U16-18	Fair	Mazabuka	Right (0+660)	37,872.00
2	Bwalya Haziell	Gum pole fence	U16-18	Fair	Mazabuka	Right (0+670)	1,188.00
3	Peter Mulambo	Sisal hedge fencing	U16-18	Fair	Mazabuka	Right (1+527)	540.00
4	Ng'andu Veld Mooya	hedge fencing	U16-18	Fair	Mazabuka	Left (8+300)	1,020.00
5	Micheal Chitalu	Hedge fencing	U16-18	Fair	Mazabuka	Right (9+500)	1,200.00
Sub Total							41,820.00

7. Location: Mazabuka
Road Name: D391-D392

S.N	OWNERSHIP	DESCRIPTION OF PROPERTY	ROAD NAME	CONDITION	LOCATION	ORIENTATION & CHAINAGE	TOTAL CURRENT REPLACEMENT COST (ZMW)
1	Mugoto Rural Health Centre	Burnt brick wall sign post	D391-D392	Good	Mazabuka	Left (3+484)	1,800.00
2	Skinna Tantomuchulu	Barbed wire fence	D391-D392	Fair	Mazabuka	Right (4+200)	102,000.00
3	Soft Chambwa	Hedge fencing	D391-D392	Fair	Mazabuka	Right (17+235)	510.00
4	Linda Mwiinga	Burnt brick Pit latrine toilet	D391-D392	Fair	Mazabuka	Right (17+278)	3,900.00
5	Linda Mwiinga	Grass thatched bathroom	D391-D392	Fair	Mazabuka	Right (17+278)	1,800.00
6	Sikachiye	Concrete blocks pit latrine	D391-D392	Fair	Mazabuka	Right (17+295)	4,500.00
Sub Total							114,510.00



8. Location: Chongwe Road Name: D177

S.N	OWNERSHIP	DESCRIPTION OF PROPERTY	ROAD NAME	CONDITION	LOCATION	ORIENTATION & CHAINAGE	TOTAL CURRENT REPLACEMENT COST (ZMW)
1	Tuzini Farm	Steel sign post	D177	Fair	Chongwe	Left (0+014)	1,200.00
2	Local Government	Steel sign post	D177	Fair	Chongwe	Left (0+016)	1,200.00
3	Seed.Com	Steel sign post	D177	Fair	Chongwe	Left (0+018)	1,400.00
4	Chilwezya Hamunjo	Steel sign post	D177	Good	Chongwe	Left (1+026)	1,200.00
5	Natasha Mwamba	Steel sign post	D177	Fair	Chongwe	Left (1+902)	1,200.00
6	Acacia way	Concrete sign post fitted with steel sign	D177	Fair	Chongwe	Left (1+902)	1,200.00
7	Plots for Sale	Steel sign post	D177	Fair	Chongwe	Left (1+902)	1,200.00
8	Shenda Chikondo	Lawn of grass		Good	Chongwe	Left (2+287)	15,000.00
9	Victor Chisani	Stretch of flowers & concrete lawn edge	D177	Good	Chongwe	Left (2+287)	11,900.00
10	Mwila Naomi	Lawn of grass	D177	Fair	Chongwe		1,080.00
11	Esther Zulu	Makeshift stand	D177	Fair	Chongwe	Right (4+087)	1,080.00
12	Lilian Mwansa	Makeshift stand	D177	Fair	Chongwe	Right (4+091)	1,100.00
13	Tigula Ng'ombe	Steel pole	D177	Fair	Chongwe	Left (4+681)	600.00
14	Tigula Ng'ombe	Steel sign post	D177	Good	Chongwe	Left (4+681)	1,080.00
15	Zamseed	Steel sign post	D177	Good	Chongwe	Left (5+060)	1,200.00

16	Mike Buumba	Steel sign post	D177	Good	Chongwe	Left (5+647)	1,080.00
17	Mutinta Nyambwe	Makeshift shop	D177	Fair	Chongwe	Left (6+052)	6,800.00
18	Simangolwa Sitali	Makeshift shop	D177	Fair	Chongwe		4,500.00
19	Dennis Lungu	6 Mongo trees	D177	Mature	Chongwe	Left (7+165)	10,800.00
20	Fuji Mbewe	Steel sign post	D177	Fair	Chongwe	Left (7+835)	1,200.00
21	Mulenga Nzala	Steel sign post	D177	Fair	Chongwe	Left (7+847)	1,200.00
22	Construction and Haulage	Concrete blocks sign post	D177	Good	Chongwe	Left (7+880)	2,400.00
23	Amake Catherine	Makeshift shop	D177	Fair	Chongwe	Left (8+017)	5,300.00
24	Ruth Phiri	Makeshift shop	D177	Fair	Chongwe	Left (8+243)	1,400.00
25	Peter Phiri	Makeshift shop	D177	Fair	Chongwe	Left (8+300)	5,300.00
26	Peter Phiri	23 mango trees	D177	Mature	Chongwe	Left (8+319)	41,400.00
27	Malumbwe John	1 Mongo tree	D177	Non Mature	Chongwe		960.00
28	Florence Phiri	Makeshift stand	D177	Fair	Chongwe		7,300.00
29	Reformed Church of Zambia	Steel sign post	D177	Fair	Chongwe	Right (9+687)	720.00
30	Hildah Tembo	Steel sign post	D177	Fair	Chongwe	Right (9+687)	720.00
31	James Lungu	Hedge fencing	D177	Fair	Chongwe	Right (9+690)	1,020.00
32	Loyd Musonda	Makeshift shop	D177	Incomplete	Chongwe	Right (10+190)	2,100.00
33	Jane Mbewe	2 Pine trees	D177	Non Mature	Chongwe	Right (18+752)	1,200.00
34	Elina Zulu	Makeshift shop	D177	Fair	Chongwe	Right (19+290)	1,600.0
35	Moses Chishala	1 mango tree	D177	Mature	Chongwe	Left (19+730)	1,800.00



36	Joseph Siame	1 mango tree	D177	Mature	Chongwe	Right (19+740)	1,800.00
37	Prince Phiri	1 mango tree	D177	Mature	Chongwe	Left (19+746)	1,800.00
38	Christian School	Steel sign post with gum pole members	D177	Fair	Chongwe	Left (20+290)	600.00
39	Emmanuel Samboma	1 mango tree	D177	Mature	Chongwe	Left (21+100)	1,800.00
Sub Total							146,440.00

9. Location: Chongwe
Road Name: D176

S.N	OWNERSHIP	DESCRIPTION OF PROPERTY	ROAD NAME	CONDITION	LOCATION	ORIENTATION & CHAINAGE	TOTAL CURRENT REPLACEMENT COST (ZMW)
1	Elinat Zulu	Market stall	D176	Fair	Chongwe	Right (6+910)	3,700.00
2	Beatrice Phiri	Market stall	D176	Fair	Chongwe	Right (6+910)	3,100.00
3	Charity Makai	Market stall	D176	Fair	Chongwe	Right (6+910)	2,300.00
4	Kasenga Heath Centre	Steel sign post	D176	Fair	Chongwe	Right (7+260)	1,200.00
5	Virginia Mushesho	Steel sign post	D176	Fair	Chongwe	Left (12+560)	1,200.00
6	Mathews Somba	Barbed wire fence	D176	Fair	Chongwe	Left (15+660)	1,200.00
Sub Total							12,700.00

