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Environmental Impact Assessment for the Proposed Construction and Operation of a Telecommunication Tower in Onamundindi Village, Omusati Region

Scoping Report

Version - **Draft**

January 2025



PowerCom (Pty) Ltd

GCS Project Number: 24-0509




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Telecommunication Tower in Onamundindi Village, Omusati Region****Scoping Report****Version - Draft****January 2025**

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EXECUTIVE SUMMARY

Introduction

PowerCom (Pty) Ltd (“PowerCom”) proposes to erect a telecommunication tower in Onamundindi Village in Omusati Region. PowerCom aims to strengthen the coverage for mobile and wireless services (inclusive of voice and data services) within the subject area.

This report documents the assessment of the significance of potential impacts from the proposed activity and proposes mitigation measures to reduce impacts to acceptable levels, if not avoid them altogether.

Project Description

PowerCom proposes to erect a telecommunication tower in Onamundindi Village in Omusati Region.

Network coverage predictions were used to determine the black holes in wireless and fixed-wireless services that resulted in the selection of the proposed site. This site will be used to improve coverage for mobile services (including voice and data services).

The proposed development will comprise the construction of a 48-80-meter-high 3-legged lattice tower. The site will be fenced off to restrict access to Powercom employees and prevent vandalism.

Public Participation

Communication with I&APs about the proposed development was facilitated through the following means, in this order:

- A Background Information Document (BID) containing descriptive information about the proposed activities was compiled (**Appendix D**) and sent out to all identified and registered I&APs on 01 November 2024;
- Notices were placed in The New Era and the Namibian newspapers dated 01 November 2024 and 08 November 2024, briefly explaining the activity and its locality, inviting members of the public to register as I&APs (**Appendix E**);
- A site notice was fixed on the proposed site (See **Appendix G**);
- A public meeting was held at the project site, on 11 November 2024 at 15h00.

Public consultation was carried out according to the Environmental Management Act’s EIA Regulations. After the initial notification, the I&APs were given two weeks to submit their comments on the project until **22 November 2024**; and

The Draft Scoping Report will be circulated from the **3rd of February until the 17th of February 2025** for public review and comment. The overall commentary received from the public (if any) on the draft report will be documented in the comments and responses trail document. This report will highlight issues raised and contain statements of how these are addressed and incorporated into the final document. The comment period will remain open until the final scoping report is submitted to MEFT.

Conclusions and Recommendations

The key potential biophysical and social impacts related to the planning and design, construction, operation/maintenance and decommissioning phases of the proposed project were identified and assessed. Suitable mitigation measures (where required and possible) were recommended. The impacts can be summarised as follows:

- **Impacts on Surrounding Property Owners** (during construction): There is a possibility of disturbance to surrounding property owners due to the presence of the construction team and construction site activities. The construction work will last for a period of two (2) months and is not expected to continue for an extended period. The significance of this impact is rated as *low*.
- **Impacts on Health and Safety** (during construction and decommissioning) Workers may be subject to issues of health and safety during construction on site. Improper handling of construction materials and equipment may cause injuries. With no mitigation measures in place, this impact would receive a *medium-to-high* significance rating. However, with the implementation of applicable safety measures, the impact would be reduced to a *low* rating.
- **Impacts of Waste** (during construction and decommissioning): Construction activities generate waste - food waste and ablutions from site personnel, bulk construction wastes (scrap metal and packaging) - which leads to environmental pollution if not properly handled, and a negative visual impact to observers in the surroundings. Without mitigation measures implemented, the impact is rated as *medium* significance. After the implementation of mitigation, the impact will be reduced to a *low* significance rating.
- **Impacts of dust and noise** (during construction): Dust and noise generation may occur during construction. Without mitigation measures implemented, the impact is rated as *medium* significance. After the implementation of mitigation, the impact will be significantly reduced to a *low* rating.

- **Impacts on Health and Safety** (Potential radiation during operational phase): Health concerns, as they relate to potential radiation from telecommunication sites, are a national and international topic that require investigation. The significance of this impact can be reduced to *low* significance by ensuring that sufficient mitigation measures governed by national and international standards, such as those of the International Commission on Non-Ionizing Radiation Protection (ICNIRP) for infrastructure electromagnetic radiation (EMR) emissions are implemented.
- **Impact on mobile users** (of decommissioning): The affected residents and businesses will lose network coverage if the tower is decommissioned and no alternative cellular service infrastructure is put in place. In the unlikely event that the tower was to be removed in the future, it would most probably be replaced with improved infrastructure of the same purpose.

Based on the information provided in this report, and provided the measures recommended in the Environmental Management Plan (EMP) are implemented and monitored effectively, GCS is confident the identified risks associated with the proposed development can be reduced to acceptable levels.

It is recommended that the project receive Environmental Clearance, provided that the EMP is fully implemented.

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1 INTRODUCTION

PowerCom (Pty) Ltd (“PowerCom”) proposes to erect a telecommunication tower in Onamundindi Village in Omusati Region., which aims to strengthen the coverage for mobile and wireless services (inclusive of voice and data services) within the subject area. The location of the proposed site is shown in **Figure 1-1** below.

1.1 The Need for an Environmental Assessment (EA)

Under the 2012 Environmental Impact Assessment (EIA) Regulations of the Environmental Management Act (EMA) No. 7 of 2007, the proposed development is a listed activity that may not be undertaken without an Environmental Clearance Certificate (ECC). This activity is listed under the following relevant sections:

- *10.1 (g) The construction of masts of any material or type and of any height, including those used for telecommunication, broadcasting, and radio transmission.*

To fulfil the requirements of the EMA and its 2012 EIA Regulations, PowerCom (Pty) Ltd (“PowerCom”) appointed GCS Water and Environmental Engineering Namibia (Pty) Ltd (“GCS”) as an independent, registered Environmental Assessment Practitioner (EAP), to conduct an Environmental Assessment (EA) (including public consultation) and to submit the required documents in support of an application for an ECC. The findings of the EA process are incorporated into an environmental scoping report (this report) which, together with the draft Environmental Management Plan (EMP), will be submitted as part of an application for an ECC to the Environmental Commissioner at the Department of Environmental Affairs and Forestry (DEAF), Ministry of Environment, Forestry and Tourism (MEFT).

Victoria Shikwaya, a qualified Environmental Assessment Practitioner (EAP) conducted this EA process under the supervision of Paula Tolksdorff, a qualified and experienced EAP. The curriculum vitae of the consultants are attached as **Appendix A** at the end of this report.



1.2 Need for and Desirability of the Project

Due to the constant growth in the use of mobile and wireless communication services in Namibia, the pressure to expand the communications network is increasing. PowerCom identified the need for the new structure at the proposed site that will increase capacity and improve mobile coverage in this particular area. This proposed development will ensure that the quality of the service provided to telecommunication users in the area is improved.

1.3 Scope of Work

This scoping study was carried out in accordance with the Environmental Management Act (EMA) (7 of 2007) and its 2012 EIA Regulations (GG No. 4878 GN No. 30). After opening an application for an ECC with the DEAF, the first stage in the EA process is to submit a scoping report. This report is structured as follows:

Table 1-1: Structure of the Scoping Report

Description	Section of the Report
The need and desirability of the proposed project	Subchapter 1.2
Project description and the need for it	Chapter 2
Alternatives considered for the proposed project in terms of no-go option and tower sharing	Chapter 3
The relevant laws and guidelines pertaining to the proposed project	Chapter 4
Baseline environment in which the proposed activity will be undertaken	Chapter 5
The public consultation process followed (as described in Regulation 7 of the EMA Act) whereby interested and affected parties (I&APs) and relevant authorities are identified, informed of the proposed activity and provided with a reasonable opportunity to give their concerns and opinions on the project;	Chapter 6
The identification of potential impacts, impacts description, assessment, mitigation measures and recommendations	Chapter 7
Recommendations and Conclusions to the report	Chapter 8

The next chapter will be focusing on the description of the proposed project and its associated activities.

2 PROJECT DESCRIPTION

2.1 Description of Activity

2.1.1 Site Location

Network coverage predictions were used to determine the black holes in wireless and fixed-wireless services which drove the selection of the proposed site. This site will be used to improve coverage for mobile services, which include voice and data services. Details of the proposed site are provided in the table below.

Table 2-1: Site location details

Site Name	Onamundindi
GPS Coordinates	17°45'35.6"S 15°15'07.5"E
Local Authority	Ogongo Constituency Council
Region	Omusati

2.1.2 Site Design

The proposed development will include the construction of a 48-80-meter-high 3-legged lattice tower. **Figure 2-1** below depicts the type of lattice tower that will be constructed in the project.

The site will be fenced to restrict access to Powercom employees and to prevent vandalism.

2.1.3 Infrastructure and Services

Water will be used only during the construction period, more specifically for the foundation works. The contractor will be responsible for the sourcing of water and is likely to bring it in by dispensing tanker.

Access to the site will be prohibited to anyone except the construction team and PowerCom.

AC power will be required for the operation of the tower and will be connected to the respective electricity provider's grid.



Figure 2-1: Example of the proposed tower

(<https://www.powercom.na/index.php/portfolio-details/item/2-lattice#portfolio-wrapper>)

2.1.4 Resources and Working Team

Construction workers will be required for the following:

- excavation of the foundation;
- steel fixers for the fixing of reinforced steel;
- casting of concrete for both tower and equipment room; and
- riggers for the erection of the tower.

Materials for construction will be stored on site during the construction period. The workforce will not reside on site.

3 PROJECT ALTERNATIVES CONSIDERED

Alternatives are defined as: “different means of meeting the general purpose and requirements of the activity” (Environmental Management Act (2007) of Namibia (and its regulations (2012))). This chapter will highlight the different ways in which the project can be undertaken and to identify the alternative that will be the most practical but least damaging to the environment.

The above-mentioned alternatives considered for the proposed activity are discussed in the following subchapters.

3.1 No-Go Alternative

The “No-Go” alternative is the option of not proceeding with the activity, which typically implies a continuation of the status quo. This would mean that the proposed tower would not be installed at the proposed site. Should the proposed project be discontinued, none of the potential impacts (positive and negative) identified would occur. Therefore, the network coverage for the area will remain unchanged and would not be improved.

In considering the purpose of the proposed project, the ‘no-go’ option cannot be considered as the preferred alternative.

3.2 Tower Location

Network coverage predictions were used to determine the black holes in wireless and fixed-wireless services which drove the selection of the proposed site. In light of the above, the site is considered to be the preferred site.

3.3 Tower Sharing

In accordance with the Communications Act No. 8 of 2009, service providers should consider using other existing structures first before constructing new ones. This is done to avoid cumulative impact. However, the Proponent intends to construct a multi-user tower for future service providers to be able to mount their antennae onto this proposed tower.

3.4 Conclusions on the Considered Alternatives

The alternatives considered for the project are summarized as follow:

- **No-go vs. continuation of the proposed project:** The no-go alternative is not considered to be the preferred option. This would mean that the proposed tower would not be installed on the proposed site. Should the proposed project be discontinued, none of the potential impacts (positive and negative) identified would occur. Therefore, the network coverage for the area will remain unchanged and would not be improved.
- **Tower location:** Network coverage predictions were used to determine the black holes in wireless and fixed-wireless services which drove the selection of the proposed site. The selected site is a viable location option for this kind of development due to the relevant zoning, topography, and accessibility.
- **Tower sharing:** The sharing of another tower in this case will not be a viable option since there is no other tower infrastructure near this location. The Proponent intends to construct a multi-user tower for future service providers to be able to mount their antennae onto this proposed tower.

4 LEGAL FRAMEWORK

A review of applicable and relevant Namibian legislation, policies and guidelines to the proposed development are given in this chapter. This review serves to inform the Proponent (PowerCom (Pty) Ltd), Interested and Affected Parties and the decision makers at the DEAF of the requirements and expectations, as laid out in terms of these instruments, to be fulfilled in order to undertake the proposed activities.

4.1 The Environmental Management Act No. 7 of 2007

This scoping assessment was carried out according to the Environmental Management Act (EMA) and its Environmental Impact Assessment (EIA) Regulations (GG No. 4878 GN No. 30). The EMA has stipulated requirements to complete the required documentation in order to obtain an Environmental Clearance Certificate (ECC) for permission to undertake certain listed activities.

4.2 The Constitution of Namibia Act (No 1 of 1990)

According to Legal Assistance Centre (LAC), there is no clear right to health in the Namibian Constitution. But under the Article 95 of the Namibian Constitution that deals with Principles of State Policy, the Namibian Constitution states that “the state shall enact legislation to ensure consistent planning to raise and maintain an acceptable standard of living for the country’s people” and to improve public health.

4.3 The Communications Act (No.8 of 2009)

This Act provides for the regulation of telecommunications services and networks, broadcasting, postal services and the use and allocation of radio spectrum; for that purpose the establishment of an independent Communications Regulatory Authority of Namibia; to make provision for its powers and functions; the granting of special rights to telecommunications licensees; the creation of an Association to manage the “.na” internet domain name space and for matters connected therewith.

The full list of all applicable legislation identified and conducted during the EA process are presented in **Table 4-1** below.

Table 4-1: Applicable and relevant Namibian and international legislation, policies and guidelines conducted during the EA process

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this project
Environmental Management Act EMA (No 7 of 2007)	Requires that projects with significant environmental impacts are subject to an environmental assessment process (Section 27). Details principles which are to guide all EAs.	The EMA and its regulations should inform and guide the EA process.
Environmental Impact Assessment (EIA) Regulations GN 28-30 (GG 4878)	Details requirements for public consultation within a given environmental assessment process (GN 30 S21). Details the requirements for what should be included in a Scoping Report (GN 30 S8) and an Assessment Report (GN 30 S15).	
The Constitution of Namibia Act No. 1 of 1990	According to Legal Assistance Centre (LAC), there is no clear right to health in the Namibian Constitution. But under the Article 95 of the Namibian Constitution that deals with Principles of State Policy, the Namibian Constitution states “the state shall enact legislation to ensure consistent planning to raise and maintain an acceptable standard of living for the country’s people” and to improve public health.	The Proponent should ensure compliance with the conditions set in the Act.
Namibian Communications Act 8 of 2009	Provides for the regulation of telecommunications services and networks, broadcasting, postal services and the use and allocation of radio spectrum; for that purpose the establishment of an independent Communications Regulatory Authority of Namibia; to make provision for its powers and functions; the granting of special rights to telecommunications licensees; the creation of an Association to manage the .na internet domain name space and for matters connected therewith.	Provides the standards for setting up cellular, wireless and satellite services.
Local Authorities Act (No. 23 of 1992)	Provides for the determination, for purposes of local government, of local authority councils; the establishment of such local authority councils; and to define the powers, duties, and functions of local authority councils; and to provide for incidental matters.	The Ogongo Constituency Council is the responsible Local Authority of the area in which the proposed development will be located, and they should be consulted for this EA.

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this project
The Atomic Energy and Radiation Protection Act, Act 5 of 2005	Provides for the adequate protection of the environment and of people against the harmful effects of radiation by controlling and regulating the production, processing, handling, use, holding, storage, transport and disposal of radiation sources and radioactive materials, and controlling and regulating prescribed non-ionising radiation sources according to the standards set out by the ICNIRP.	To determine the “safe distance” around the site.
“Guidelines for Limiting Exposure to Electromagnetic Fields (100kHz to 300GHz)” (March 2020, developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP))	Provides international standards and guidelines for limiting the adverse effects of non-ionising radiation on human health and well-being, and, where appropriate, provides scientifically based advice on non- ionising radiation protection including the provision of guidelines on limiting exposure.	Justifies the need for assessing the impact of electromagnetic radiation from the antennae, on the nearby residents.
The Aviation Act, Act 74 of 1962	Gives effect to certain International Aviation Conventions and makes provision for the control, regulation, and encouragement of flying within the Republic of Namibia and for other matters incidental thereto	Provides the regulations for setting up cellular structures in Namibia.
Namibian Civil Aviation Regulations, 2001	Section 139.01.34 outlines the obstacle limitations and marking outside aerodromes	The proposed project should adhere to the limitations outlined in the act.
Convention on International Civil Aviation, Annex 14	<ul style="list-style-type: none"> Annex 14 to the Convention on International Civil Aviation. Chapter 4: Obstacle restrictions and removal Chapter 6: Visual aids and donating of obstacles 	The proposed new structures may be obstacles to some aerodromes in Namibia. Those that are close to existing aerodromes need to be assessed in accordance with the document. Visual aids to the new structures to make them visible to aircraft need to be applied in accordance with this Convention.

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this project
Labour Act (No. 6 of 1992)	Ministry of Labour (MOL) is aimed at ensuring harmonious labour relations through promoting social justice, occupational health and safety and enhanced labour market services for the benefit of all Namibians. This ministry insures effective implementation of the Labour Act no. 6 of 1992.	PowerCom should ensure that construction, operation and maintenance of the towers, the safety and welfare of workers are not compromised.

The environmental baseline (features) of the project area and the surrounding areas are presented and discussed in the following chapter.

5 ENVIRONMENTAL BASELINE

The proposed project will be undertaken in a specific biophysical and social environment. The baseline conditions of these environmental features are described in the following subchapters.

5.1 Biophysical Environment

5.1.1 Climate

The climate of Omusati Region can be described as semi-arid. Average annual temperatures are usually more than 22 °C, with average maximum temperatures between 34 °C and 36 °C and average minimum temperatures between 6 °C and 8 °C (Mendelsohn, Jarvis, Roberts & Roberston, 2002). The area generally experiences more rainfall than the south and west of the country with an average rainfall of 350 to 550 mm

5.1.2 Topography, Soils, Geology, Hydrology and Hydrogeology

The Omusati Region forms part of the Kalahari Group Geological division depicted in pale yellow in **Figure 5-1** below. The dominant soils within the area are mainly sands and clays (Mendelsohn et al., 2002).

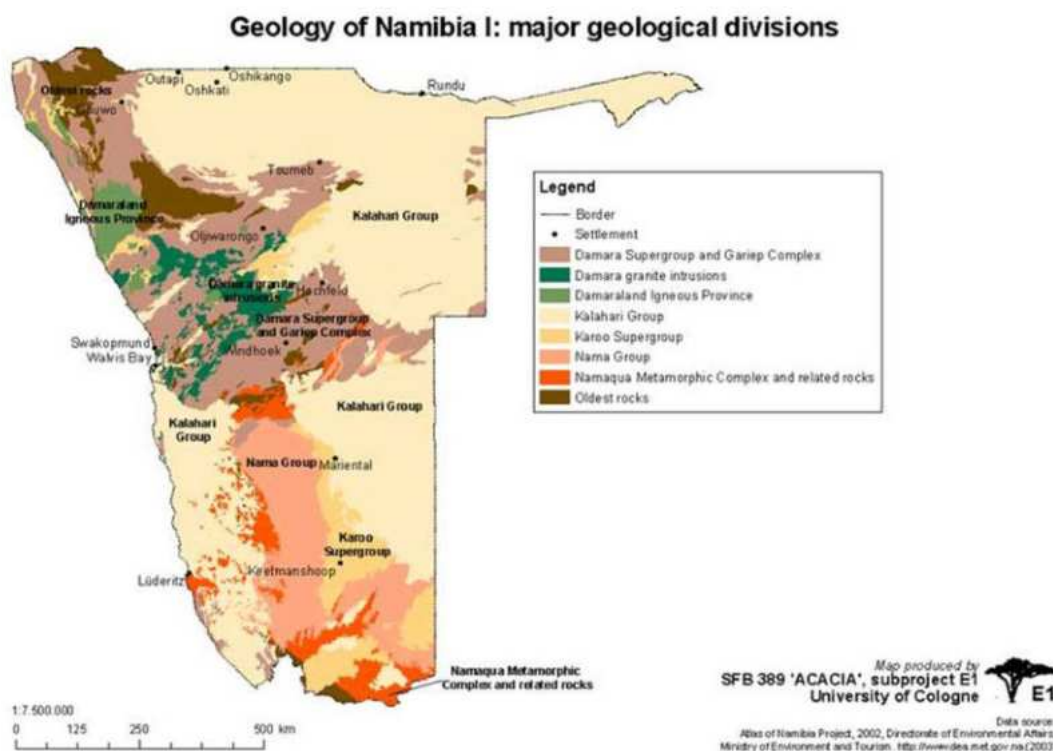


Figure 5-1: Geology of Namibia (http://www.uni-koeln.de/sfb389/e/e1/download/atlas_namibia/pics/physical/geology.jpg)

In terms of groundwater, Onamundindi Village falls within the Cuvelai-Etosha groundwater basin depicted in **Figure 5-2** below. The hydrogeological Cuvelai Basin comprises the Omusati, Oshana, Ohangwena, and Oshikoto Regions and parts of the Kunene Region (Ministry of Agriculture Water and Rural Development, 2011).

The Cuvelai Basin consists of thousands of drainage channels or oshanas which flow during the rainy season. The oshanas are “shallow, often vegetated and poorly defined, interconnected flood channels and pans through which surface water flows slowly or may form pools depending on the intensity of the floods (“efundja”)” (Ministry of Agriculture Water and Rural Development, 2011).

The Cuvelai Basin is one of the most densely populated areas in the country with most communities living in rural areas largely dependent on agriculture (Ministry of Agriculture Water and Rural Development, 2011). The villages and towns located within the Cuvelai Basin are supplied with water from the Calueque Dam, north of the Angolan border, via an extensive system of canals and pipelines. “Water stored in the Calueque Dam on the Kunene River just north of the border is pumped via a canal to the Olushandja Dam in Namibia, from where it is gravity fed via a concrete-lined canal to Oshakati” (Ministry of Agriculture Water and Rural Development, 2011). Because surface water is only available during the rainy season, people rely on other water sources during the dry season. As such groundwater is sourced in the region through dug wells and boreholes.

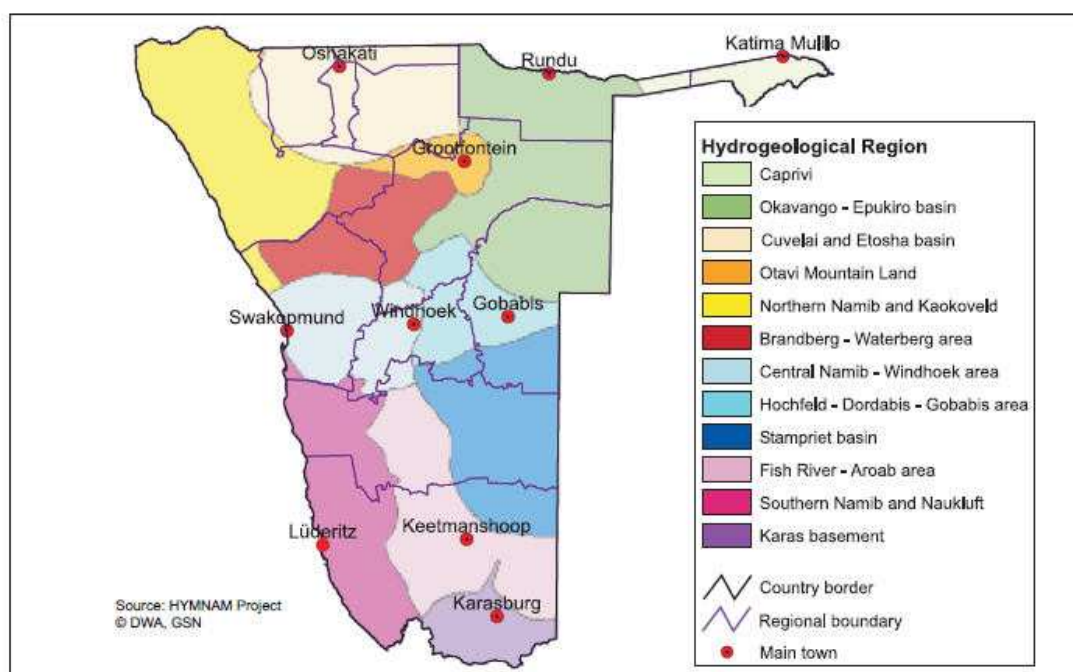


Figure 5-2:Groundwater basins and hydrogeological regions in Namibia (Ministry of Agriculture Water and Rural Development, 2011)

5.1.3 Fauna and Flora

The Omusati Region falls within the broader Tree-and-Shrub Savanna biome and forms part of the Acacia Tree-and -shrub Savanna sub-biome. The Acacia Tree-and -shrub Savanna sub-biome is characterized by large, open expanses of grasslands dotted with Acacia trees (Mendelsohn et al., 2002).

The region falls within the Cuvelai Drainage vegetation type. Within north-central Namibia, Mopane is a very common tree species in the Cuvelai Drainage where grassy channels of oshana carry floodwater during heavy rains from the higher areas in the north of Angola (Mendelsohn & el Obeid, 2005). The indigenous trees found within the region include the Makalani Palm Trees (*Hyphaene petersiana*) and Mopane Trees (*Colophospermum mopane*). If removal of protected tree species is required a permit needs to be obtained from the Ministry of Agriculture Water and Forestry prior to removal.

Most wildlife is located within the Etosha National Park and thus it is mostly animals such as cattle, donkeys and goats which are dominant within the subject area. There are scattered trees located on the subject site.

5.1.4 Archaeological and Anthropological Resources

No archaeological and heritage sites are known to be located within the proposed development area. The project management should however be made aware of the provisions of the National Heritage Act regarding the prompt reporting of archaeological finds.

5.2 Social Environment

5.2.1 Demography

According to Namibia Statistics Agency (2023), the population of Omusati Region is 316 671 people, with the population of the Ogongo Constituency being 17 649 people (Namibia Statistics Agency, 2023).

5.2.2 Economy

Wages and salaries are the main source of income in this region (17%), while other income sources include Old age pension (26.3%), business (7.6%) etc.(Namibia Statistics Agency, 2023).

5.2.3 Land Uses

The proposed site is located in Onamundindi village. The subject site is currently zoned for Local authority Purposes.

6 PUBLIC CONSULTATION

6.1 Objective

Public consultation forms an important component of an Environmental Assessment (EA) process. Public consultation provides potential Interested and Affected Parties (I&APs) with an opportunity to comment on and raise any issues relevant to the project for consideration as part of the assessment process. Public consultation has been done in accordance with both the EMA and its EIA Regulations.

The public consultation process assists the EAP in identifying all potential impacts, which in turn informs decisions to commission further investigations or specialist studies. Public consultation may also contribute to identifying mitigation measures.

6.2 Approach

6.2.1 *Interested and Affected Parties (I&APs)*

An I&AP is identified under the Environmental Management Act (2007) as:

- (a) “Any person, group of persons or organization interested in or affected by an activity; and
- (b) Any organ of state that may have jurisdiction over any aspect of the activity”.

GCS identified specific I&APs, who were considered interested in and/or affected by the proposed activities through the following means:

- Information for the applicable local authorities was obtained from the existing GCS stakeholder database;
- Notices were placed in the local newspapers requesting any potentially affected or interested members of the public to register as I&APs.

A summary of the I&APs identified are presented in **Table 6-1** below. The complete list of I&APs is provided in **Appendix C**.

Table 6-1: Summary of Identified IAPs

List of IAPs	Description
	Ministry of Environment, Forestry and Tourism
	Ministry of Information and Communication Technology
	National Radiation Protection Authority
	Ogongo Constituency Council
	Neighbouring Property Owners

6.2.2 Communication with I&APs

Regulation 21 of the EIA Regulations details steps to be taken during a given public consultation process and these have been used in guiding this process.

Communication with I&APs about the proposed development was facilitated through the following means and in this order:

- A Background Information Document (BID) containing descriptive information about the proposed activities was compiled (**Appendix D**) and sent out to all identified and registered I&APs on 01 November 2024;
- Notices were placed in The New Era and The Namibian newspapers dated 01 November 2024 and 08 November 2024, briefly explaining the activity and its location, and inviting members of the public to register as I&APs (**Appendix E**);
- A site notice was fixed on the proposed site (See **Appendix G**);
- A public meeting was held at the project site location on 12 November 2024 at 15h00.

Public consultation was carried out according to the Environmental Management Act's EIA Regulations. After the initial notification, the I&APs were given two weeks to submit their comments on the project, until **22 November 2024**.

The Draft Scoping Report will be circulated from the **3rd of February until the 17th of February 2025** for public review and comment. The overall commentary received from the public on the draft report will be documented in the comments and responses trail document. This report will highlight issues raised from the public on the documents and contain statements of how these are addressed and incorporated into the final document. The comment period will remain open until the final scoping report is submitted to MEFT.

7 IMPACTS IDENTIFICATION, DESCRIPTION AND ASSESSMENT

7.1 Impact Assessment Methodology

The proposed activities have impacts on biophysical and social features. The identified impacts were assessed in terms of probability (likelihood of occurring), scale/extent (spatial scale), magnitude (severity) and duration (temporal scale) as presented in **Table 7-1**, **Table 7-2**, **Table 7-3** and **Table 7-4**. The rating is performed using a semi-quantitative numeric scale to ensure consistency and standardisation. However, the numeric values assigned are not to be interpreted as integer based quantitative values.

It is assumed that the assessment of the significance of a potential impact is a good indicator of the risk associated with such an impact. The following process will be applied to each potential impact:

- Provision of a brief explanation of the impact;
- Assessment of the pre-mitigation significance of the impact; and
- Description of recommended mitigation measures.

The recommended mitigation measures prescribed for each of the potential impacts contribute towards the attainment of environmentally sustainable operational conditions on the project for various features of the biophysical and social environment.

The following criteria were applied in this impact assessment:

7.1.1 Extent (spatial scale)

Extent is an indication of the physical and spatial scale of the impact. **Table 7-1** shows rating of impact in terms of extent of spatial scale.

Table 7-1: Extent or spatial impact rating

Low (1)	Low/Medium (2)	Medium (3)	Medium/High (4)	High (5)
Impact is localised within the site boundary: Site only	Impact is beyond the site boundary: Local	Impacts felt within adjacent biophysical and social environments: Regional	Impact widespread far beyond site boundary: Regional	Impact extend National or over international boundaries

7.1.2 Duration

Duration refers to the timeframe over which the impact is expected to occur, measured in relation to the lifetime of the project. **Table 7-2** shows the rating of impact in terms of duration.

Table 7-2: Duration impact rating

Low (1)	Low/Medium (2)	Medium (3)	Medium/High (4)	High (5)
Immediate mitigating measures, immediate progress	Impact is quickly reversible, short term impacts (0-5 years)	Reversible over time; medium term (5-15 years)	Impact is long-term	Long term; beyond closure; permanent; irreplaceable or irretrievable commitment of resources

7.1.3 Intensity, Magnitude / severity

Intensity refers to the degree or magnitude to which the impact alters the functioning of an element of the environment. The magnitude of alteration can either be positive or negative. These were also taken into consideration during the assessment of severity. **Table 7-3** shows the rating of impact in terms of intensity, magnitude or severity.

Table 7-3: Intensity, magnitude or severity impact rating

Type of criteria	Negative				
	H-(10)	M/H-(8)	M-(6)	M/L-(4)	L-(2)
Qualitative	Very high deterioration, high quantity of deaths, injury of illness / total loss of habitat, total alteration of ecological processes, extinction of rare species	Substantial deterioration, death, illness or injury, loss of habitat / diversity or resource, severe alteration, or disturbance of important processes	Moderate deterioration, discomfort, partial loss of habitat / biodiversity or resource, moderate alteration	Low deterioration, slight noticeable alteration in habitat and biodiversity. Little loss in species numbers	Minor deterioration, nuisance or irritation, minor change in species / habitat / diversity or resource, no or very little quality deterioration.

7.1.4 Probability of occurrence

Probability describes the likelihood of the impact's actually occurring. This determination is based on previous experience with similar projects and/or based on professional judgment. See **Table 7-4** for impact rating in terms of probability of occurrence.

Table 7-4: Probability of occurrence impact rating

Low (1)	Medium/Low (2)	Medium (3)	Medium/High (4)	High (5)
Improbable; low likelihood; seldom. No known risk or vulnerability to natural or induced hazards.	Likely to occur from time to time. Low risk or vulnerability to natural or induced hazards	Possible, distinct possibility, frequent. Low to medium risk or vulnerability to natural or induced hazards.	Probable if mitigating measures are not implemented. Medium risk of vulnerability to natural or induced hazards.	Definite (regardless of preventative measures), highly likely, continuous. High risk or vulnerability to natural or induced hazards.

7.1.5 Significance

Impact significance is determined through a synthesis of the above impact characteristics. The significance of the impact “without mitigation” is the main determinant of the nature and degree of mitigation required. As stated in the introduction to this chapter, for this assessment the significance of the impact without prescribed mitigation actions was measured.

Once the above factors (Table 7-1, Table 7-2, Table 7-3 and Table 7-4)

have been ranked for each potential impact, the impact significance of each is ‘calculated’ using the following formula:

$$SP = (\text{magnitude} + \text{duration} + \text{scale}) \times \text{probability}$$

The maximum value per potential impact is 100 significance points (SP). Potential impacts were rated as high, moderate or low significance, based on the following significance rating scale (Table 7-5).

Table 7-5: Significance rating scale

SIGNIFICANCE	ENVIRONMENTAL SIGNIFICANCE POINTS	COLOUR CODE
High (positive)	>60	H
Medium (positive)	30 to 60	M
Low (positive)	<30	L
Neutral	0	N
Low (negative)	>-30	L
Medium (negative)	-30 to -60	M
High (negative)	>-60	H

For an impact with a significance rating of high, mitigation measures are recommended to reduce the impact to a low or medium significance rating, provided that the impact with a medium significance rating can be sufficiently controlled with the recommended mitigation measures. To maintain a low or medium significance rating, monitoring is recommended for a period of time to enable the confirmation of the significance of the impact as low or medium and under control.

The impact assessment for the proposed activities is given in subchapter 7.2, 7.3 and 7.4.

7.2 Construction Phase Impact Assessment

The main potential impacts identified are:

- Vegetation loss
- Soil erosion
- disturbance to neighbouring property owners,
- Dust and Noise
- health and safety
- waste generation, and
- Archaeological and Heritage Impacts.

7.2.1 Impact on Surrounding Property Owners

During the construction of the proposed tower, the presence of the construction team will disturb the surrounding property owners. The construction work will last for a period of two (2) months and is not expected to continue for an extended period. Additionally, the immediate neighbouring properties are currently not occupied. Therefore, the likelihood of this impact's occurring is low. The assessment of this impact is presented in Table 7-6.

Table 7-6: Assessment of the impacts on surrounding property owners

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	2	1	4	3	M - 21
Post-mitigation	1	1	2	1	L - 4

7.2.1.1 Mitigation

- Construction work to take place during working hours only (07h00 - 17h00).
- Should construction need to be done outside of normal working hours, neighbouring property owners need to be informed in writing prior to construction commencing.

7.2.2 Impact on Health and Safety

Construction workers will be working at height, lifting heavy objects, and working in proximity to large moving equipment (dozers, crane) when constructing the proposed structure. The lack of safety measures will potentially lead to injuries. Improper handling of construction materials and equipment such as working with electrical installations and welding may cause injuries. With no mitigation measures in place, this impact will receive a *medium to high* significance rating. However, with the implementation of applicable safety measures, the impact can significantly be reduced to a *low* rating. The assessment of this impact is presented in Table 7-7.

Table 7-7: Assessment of the impacts on health and safety

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	3	3	8	4	M - 56
Post-mitigation	2	2	2	2	L - 12

7.2.2.1 Mitigation

- Develop a comprehensive health and safety system for the project including hazard assessments (HIRARCH), Safe Work Procedures and incident reporting, and train construction worksite personnel in appropriate behaviour and procedures.
- The contractor(s) should ensure that all personnel are provided with personal protective equipment (PPE), such as gloves, safety boots, safety glasses and hard hats etc, to be worn at all times on the construction site.
- No workers should be allowed to drink alcohol during working hours.
- No workers should be allowed on site if under the influence of alcohol.

7.2.3 Impact of Waste Generation

Construction activities usually generate wastes that lead to environmental pollution, unless properly stored and disposed of. Litter may also pose negative visual impacts to the surrounding residents and observers. Without any mitigation measures implemented, the impact can be rated as of a medium significance. After the implementation of the mitigations, the impact significance will be reduced to low rating. The assessment of this impact is presented in Table 7-8.

Table 7-8: Assessment of the impacts of waste generation

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	2	2	6	3	M - 30

Post-mitigation	1	1	2	1	L - 4
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7.2.3.1 Mitigation

- The construction site should be kept tidy at all times.
- All domestic and general construction wastes produced on a daily basis should be contained in covered bins and disposed of regularly.
- No waste may be buried or burned on site or anywhere else.
- Separate waste containers for hazardous and bulk construction wastes must be provided on site, eg. used oils and greases should be stored in covered drums until they can be sent to Windhoek for processing.
- Wherever machines or vehicles are repaired or are leaking oil, they are to be placed on a sump and the oil/ greases captured and collected in covered drum/s
- Construction labourers should be sensitised to dispose of wastes in a responsible manner and not to litter.
- No wastes may remain on site after the completion of the project.

7.2.4 Impact of Dust

Dust generation may occur during construction. Dust suppression interventions need to be incorporated if dust levels are found to be significant. Without any mitigation measures implemented, the impact can be rated as of a medium significance. After the implementation of the mitigations, the impact will be significantly reduced to low rating. The assessment of this impact is presented in **Table 7-9**.

Table 7-9: Assessment of the impacts of dust generation

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	2	2	8	3	M - 36
Post-mitigation	1	1	6	2	L - 16

7.2.4.1 Mitigation

- Dust abatement techniques should be implemented e.g. Spraying of water.

7.2.5 Impact of Noise

Construction equipment and machinery may produce high levels of noise when operating. Without any mitigation measures implemented, the impact can be rated as of a medium significance. After the implementation of the mitigations, the impact will be significantly reduced to a low rating. The assessment of this impact is presented in **Table 7-10**.

Table 7-10: Assessment of the impacts of noise generation

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	2	2	8	3	M - 36
Post-mitigation	1	1	6	2	L - 16

7.2.5.1 Mitigation

- Construction work to take place during working hours only (07h00 - 17h00) unless otherwise arranged with neighbouring property owners.
- Ensure all machinery is in optimal working order
- Noise levels should adhere to the South African National Standard (SANS 10103).

7.2.6 Impact Assessment of Archaeological and Heritage Impacts

The proposed activity is not taking place in an area that has significant archaeological or heritage resources. However, should these be encountered during the construction activities, mitigation measures need to be in place to ensure that these resources are not harmed. The assessment of this impact is presented in **Table 7-11**.

Table 7-11: Assessment of the impacts of the proposed activities on Archaeological and Heritage Impacts

	Impact Type	Ratings				Significance
		Extent	Duration	Intensity	Probability	
Pre-mitigation	Negative	1	2	2	1	6
Post-mitigation		1	1	1	1	4

7.2.6.1 Mitigations and recommendation to Archaeological and Heritage Impacts

- All works are to be immediately ceased in an affected area should an archaeological or heritage resource be discovered.
- The National Heritage Council of Namibia (NHCN) should advise with regards to the removal, packaging, and transfer of the potential resource.
- Should a heritage site or archaeological site be uncovered or discovered during the construction phase of the project, a “chance find” procedure should be applied as outlined in the EMP.

7.3 Operations and Maintenance Phase Impact Assessment

The main potential impacts associated with operational and maintenance phases identified are:

- health and safety, and
- civil aviation concerns.

7.3.1 Impact on Health and Safety (Electro-magnetic Radiation)

Although health concerns were not specifically raised as a concern during the public participation process, electro-magnetic radiation from communications installations is a national and international topic that requires further investigation, and due to the proximity of the structure to neighbouring properties.

Electromagnetic radiation is emitted from electrical appliances commonly used in most homes today, such as TVs, radios, cell phones, microwave ovens, electrical blankets, and computers. Studies have shown that transceiver base stations emit weaker electromagnetic radiation than most household daily appliances i.e. microwave, or cell phones used close to your body (Carstens and Kuliwoye, 2012).

The International Commission on Non-Ionizing Radiation Protection (ICNRP) provides guidance on protecting against the adverse health effects associated with electromagnetic fields (EMF). These guidelines are based on short-term, immediate health effects such as stimulation of peripheral nerve muscles, shocks and burn caused by touching conducting objects, and elevated tissue temperatures resulting from absorption of energy during exposure to EMF.

The National Radiation Protection Authority of Namibia (NRPA) is charged with the administration of the Atomic Energy and Radiation Protection Act (Act 5 of 2005) that specifically require that account be taken of any guidelines published by ICNIRP regarding the radiation risks associated with BTS structures (National Radiation Protection Authority, Unknown date).

7.3.1.1 Short-term Radiation (Health) Effects

The basic restrictions on the effects of exposure are based on established health effects. Different scientific bases were used in the development of basic exposure restrictions for various frequency ranges. Depending on the frequency, the physical quantities used to specify the basic restrictions on exposure to EMF are current density, SAR (Specific Energy Absorption Rate), and power density.

The significance of this impact can be reduced to a low significance rating by ensuring that the sufficient mitigation measures governed by the national and international legal standards such as International Commission on Non-Ionizing Radiation Protection (ICNIRP) on infrastructure EMR emissions are implemented. The impact is assessed in **Table 7-12**.

Table 7-12: Assessment of the impacts of the antennae on health and safety: Short term radiation

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	3	4	8	3	M - 45
Post-mitigation	2	2	4	2	L - 16

7.3.1.2 Mitigation

- PowerCom should ensure that the proposed tower and its EMR are within the standards of The Atomic Energy and Radiation Protection Act, Act 5 of 2005 and Guidelines for Limiting Exposure to Electromagnetic Fields (100kHz to 300GHz) (March 2020, developed by the ICNIRP)
- The design standards to be applied for the antennae should comply with the internationally accepted public exposure guidelines.
- PowerCom should ensure that the site is registered once operational, as required by regulation 4 of the non-ionising radiation gazetted in June 2020.
- PowerCom should ensure that all potential operations acquired pre-approval from the National Radiation Protection Authority.
- The National Radiation Protection Authority should be involved during this phase (operational) to assess the possible emissions from antennae.

7.3.1.3 Long-term Radiation (Health) Effects

In the case of potential long-term health effects of exposure, such as an increased risk of cancer, ICNIRP concluded that the available data are insufficient to provide a basis for setting exposure restrictions. Thus, the ICNIRP guidelines alone cannot be used as a basis for protection against non-thermal effects or long-term biological effects.

The significance of this impact is considered high, because the long-term effect is unknown. In the context of the above, the Precautionary Principle should be adopted, which states that if an action or policy has a suspected risk of causing harm to the public or to the environment, in the absence of scientific consensus that the action or policy is harmful, the burden of proof that it is not harmful falls on those taking the action.

Therefore, ICNIRP uses a reduction factor of 10 to derive at occupational limits for workers and a factor of about 50 to arrive at exposure limits for the public. This factor serves as a precautionary buffer to compensate for uncertainties in the research. By adhering to the threshold levels of ICNIRP, the precautionary measures should be sufficient to adequately address this impact. However, the risk will not be abolished, and it is recommended that the Proponent keep up to date with regards to any new literature published by ICNIRP. The impact is assessed in **Table 7-13**.

Table 7-13: Assessment of the impacts of the antennae on health and safety: Long term radiation

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	3	5	8	4	H - 64
Post-mitigation	2	2	4	2	L - 16

7.3.1.4 Mitigation

- PowerCom should ensure that tower construction and its EMR are within the standards of the Atomic Energy and Radiation Protection Act, Act 5 of 2005 and Guidelines for Limiting Exposure to Electromagnetic Fields (100kHz to 300GHz) (March 2020) developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP))
- The design standards to be applied for the antennae should comply with the internationally accepted public exposure guidelines.
- The National Radiation Protection Authority should be involved during this phase (operational) to assess emissions from antennae.

7.3.2 Impact on Civil Aviation

Potential impact on civil aviation due to the height and location of the site. Generally, the effective utilisation of an aerodrome can significantly be influenced by natural features and man-made constructions inside and outside its boundary. These features may result in limitations on the distance available for take-off and landing and on the range of meteorological conditions in which take-off and landing can be undertaken. For these reasons certain areas of the local airspace are regarded as integral parts of the aerodrome environment (Carstens and Kuliwoye, 2012).

It is required that the proposed structure comply with the regulations of the Namibia Civil Aviation Act in terms of limitations and markings. Therefore, this impact will receive a significantly low rating. This impact is assessed in **Table 7-14** below.

Table 7-14: Assessment of the impacts of the antennae on civil aviation

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	3	4	6	4	M - 52
Post-mitigation	1	1	2	2	L - 8

7.3.2.1 Mitigation

- Powercom should ensure that the structures adhere to the Namibia Civil Aviation Regulations (NAMCARs) Part 139 Aerodromes and Heliports: licencing and Operation.

7.3.3 Visual Impact

Network towers usually cause a visual impact on the environment. If not planned properly, the network tower presence will contrast the surrounding landscape and thus potentially become a visual intrusion. Currently and with no measures implemented, the visual impact would be rated as of medium significance. However, upon effectively implementing the measures, it will be reduced to a low significance rating. This impact is assessed in **Table 7-16** below.

Table 7-15: Assessment of the visual impacts

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	2	2	6	3	M - 30
Post-mitigation	2	1	2	1	L - 5

7.3.3.1 Mitigation

All the necessary options to improve the aesthetic of the site should be considered so that it blends in with the surrounding area or at least enhance it for a better appeal to the public

7.4 Decommissioning Phase

7.4.1 Impact of the Decommissioning on Mobile Users

The affected residents and businesses will lose good network coverage in the area, if the antennae are decommissioned and no other alternative cellular service infrastructure is put in place. This is an unlikely case due to the fact that the modern world is advancing on a daily basis, and there will always be a need for improved mobile services. Even if the tower is to be removed in the future, it will most likely be replaced by a better infrastructure for the same purpose. Pre-implementation of the necessary mitigation measures, this impact can be rated as “low to medium” and with the implementation of the necessary mitigation measures, the impact significance will be low. This impact is assessed in Table 7-16 below.

Table 7-16: Assessment of the impacts of the antennae decommissioning

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	2	2	6	3	M - 30
Post-mitigation	2	1	2	1	L - 5

7.4.1.1 Mitigation

- Mobile services network providers should ensure that mobile coverage is not compromised, by putting up an alternative cellular infrastructure.

7.4.2 Impact Assessment on Surrounding Property Owners

During the removal and destruction of infrastructure of the tower, the presence of the construction team will disturb the surrounding property owners. The construction work is not expected to continue for an extended period. Therefore, the likelihood of this impact is low. The assessment of this impact is presented in Table 7-17.

Table 7-17: Assessment of the impacts on surrounding property owners

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	2	1	4	3	M - 21
Post-mitigation	1	1	2	1	L - 4

7.4.2.1 Mitigation

- Decommissioning work to take place during working hours only (08h00 - 17h00).

- Should decommissioning need to be done outside of working hours, neighbouring property owners need to be informed in writing prior to construction commencing.

7.4.3 Impact Assessment on Health and Safety

Improper handling of demolished materials and equipment may cause injuries. With no mitigation measures in place, this impact will receive a “medium to high” significance rating. However, with the implementation of applicable safety measures, the impact can significantly be reduced to a low rating. The assessment of this impact is presented in **Table 7-18**.

Table 7-18: Assessment of the impacts on health and safety

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	3	3	8	4	M - 56
Post-mitigation	2	2	2	2	L - 12

7.4.3.1 Mitigation

- The contractor(s) should ensure the implementation of a health and safety system that includes HIRARCH analysis, Safe Work Procedures and incident reporting and that site workers are comprehensively trained in safe work practices;
- The Contractor should provide all personnel are provided with personal protective equipment (PPE), such as gloves, safety boots, safety glasses and hard hats, and that they use them continuously on site.
- No workers should be allowed to drink alcohol during working hours.
- No workers should be allowed on site if under the influence of alcohol.
- Decommissioning workers should be trained on how to handle materials and equipment on site in order to avoid injuries.

7.4.4 Impact Assessment of Waste Generation

The decommissioning of infrastructure will result in the generation of waste which may lead to environmental pollution if not properly stored and disposed of. This may pose a negative visual impact on the surrounding environment. Without any mitigation measures implemented, the impact can be rated as of a “medium” significance. After the implementation of the mitigations, the impact will be significantly reduced to low rating. The assessment of this impact is presented in **Table 7-19**.

Table 7-19: Assessment of the impacts of waste generation

	Extent	Duration	Intensity	Probability	Significance
Pre-mitigation	2	2	6	3	M - 30
Post-mitigation	1	1	2	1	L - 4

7.4.4.1 Mitigations and recommendation to waste generation

- The site should be kept tidy at all times.
- All domestic and general waste produced on a daily basis should be cleaned and contained daily.
- No waste may be buried or burned on site or anywhere else.
- Waste containers (bins) should be emptied after the construction and removed from site to the municipal waste disposal site.
- Separate waste containers (bins) for hazardous and domestic / general waste must be provided on site.
- Construction labourers should be sensitised to dispose of waste in a responsible manner and not to litter.
- No waste may remain on site after the completion of the project.

8 RECOMMENDATIONS AND CONCLUSION

8.1 Conclusion

The key potential biophysical and social impacts related to the planning and design, construction, operation/maintenance and decommissioning phases of the proposed project were identified and assessed. Suitable mitigation measures (where required and possible) were recommended. The impacts can be summarised as follows:

- **Impacts on Surrounding Property Owners** (during construction): There is a possibility of disturbance to surrounding property owners due to the presence of the construction team and construction site activities. The construction work will last for a period of two (2) months and is not expected to continue for an extended period. The significance of this impact is rated as *low*. However, the impact can be adequately addressed by the recommendations given under subchapter 7.2.1, 7.4.2 and management actions given in the EMP (Chapter 3).
- **Impacts on Health and Safety** (during construction and decommissioning) Workers may be subject to issues of health and safety during construction on site. Improper handling of construction materials and equipment may cause injuries. With no mitigation measures in place, this impact would receive a *medium-to-high* significance rating. However, with the implementation of applicable safety measures, the impact would be reduced to a *low* rating. The impact can be adequately addressed by the recommendations given under subchapter 7.2.2, 7.4.3 and management actions given in the EMP (Chapter 3).
- **Impacts of Waste** (during construction and decommissioning): Construction activities generate waste - food waste and ablutions from site personnel, bulk construction wastes (scrap metal and packaging) - which leads to environmental pollution if not properly handled, and a negative visual impact to observers in the surroundings. Without mitigation measures implemented, the impact is rated as *medium* significance. After the implementation of mitigation, the impact will be reduced to a *low* significance rating. The impact can be adequately addressed by the recommendations given under subchapters 7.2.3, 7.4.4 and also management actions given in the EMP (Chapter 3).

- **Impacts of dust and noise** (during construction): Dust and noise generation may occur during construction. Without mitigation measures implemented, the impact is rated as *medium* significance. After the implementation of mitigation, the impact will be significantly reduced to a *low* rating. The impact can be adequately addressed by the recommendations given under subchapter 7.2.4 and 7.2.5 and also management actions given in the EMP (Chapter 3).
- **Impacts on Health and Safety** (Potential radiation during operational phase): Health concerns, as they relate to potential radiation from telecommunication sites, are a national and international topic that require investigation. The significance of this impact can be reduced to *low* significance by ensuring that sufficient mitigation measures governed by national and international standards, such as those of the International Commission on Non-Ionizing Radiation Protection (ICNIRP) for infrastructure electromagnetic radiation (EMR) emissions are implemented. The impact can be adequately addressed by the recommendations given under subchapters 7.3.1, 7.4.3 and also management actions given in the EMP (Chapter 3).
- **Impact on mobile users** (of decommissioning): The affected residents and businesses will lose network coverage if the tower is decommissioned and no alternative cellular service infrastructure is put in place. In the unlikely event that the tower was to be removed in the future, it would most probably be replaced with improved infrastructure of the same purpose. The impact can be adequately addressed by the recommendations given under subchapter 7.4.1 and also management actions given in the EMP (Chapter 3).

8.2 Recommendation

Based on the information provided in this report, should the measures recommended in the EMP be implemented and monitored, GCS is confident the identified risks associated with the proposed development can be reduced to acceptable levels.

It is therefore recommended that the project receive Environmental Clearance, provided that the EMP is implemented.

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APPENDIX A - CV'S -VICTORIA SHIKWAYA AND PAULA TOLKSDORFF



VICTORIA SHIKWAYA

Environmental Consultant

CORE SKILLS

- Environmental Impact assessment
- Environmental Management Plans
- Environmental Compliance Monitoring Audit
- Public participation and stakeholder engagement
- Water Resource planning and management
- Geographic Information Systems

DETAILS

Qualifications

National Diploma -
Environmental Management

BTECH- Environmental
Management

PGD - Integrated Water Resource
Management

MSc - Environmental and Water
Science -present

Memberships

Environmental Assessment
Practitioners of Namibia
(EAPAN) - Membership No 223

Languages

- English - fluent
- Oshiwambo- fluent

Countries Worked In

Namibia

PROFILE

Victoria is an Environmentalist who has experience as an Environmental Assessment Practitioner with experience in Environmental projects in various sectors. The work experience that she has ranges from environmental assessments for urban development projects, town planning projects and telecommunication projects. She has conducted various public participation and stakeholder engagement relevant to the projects. Victoria has conducted environmental monitoring and compliance in the mining and tourism sector.

Victoria is a committed, ambitious young lady who enjoys working in a team and is focused on gaining further experience. She works independently and collaborates well with others.

Victoria has experience in the following areas:

- Environmental Impact Assessment
- Environmental management and mitigation
- Environmental compliance monitoring and reporting

Work Experience

Year	Employer	Position	Role and Responsibility
June 2021 - Present	GCS Namibia	Environmental Consultant	Environmental Impact assessment Environmental Management Plans Environmental Compliance Monitoring Audit Public participation and stakeholder engagement
April 2020 - May 2021	GCS Namibia	Environmental Intern	Technical Report Writing Impact Assessment and Environmental Management Plans Stakeholder Engagement
March - May 2017	Ministry of Environment and Tourism	Graduate Intern	Conducting field assessments and inspections Data entry and reviewing Environmental Impacts Assessment reports Receiving and filing reports
July - December 2013	Gecko Namibia	In- service Training	Reviewing Environmental Impact Assessment reports GIS mapping Stakeholder Engagement

Project Experience

Year	Client	Project Description	Role/ Responsibility
2023 (on going)	PowerCom	Environmental Assessment for the Proposed Construction of Telecommunication Towers in Oshana, Omusati and Otjozondjupa Region	Environmental Assessment Practitioner (EAP) and Public Consultation
2023 (ongoing)	Ministry of Agriculture, Water and Land Reform	ESIA and ESMP for Otjombinde Water Supply Schemes project- Omaheke Region	Public Consultation
2022 (on going)	Namibia Wildlife Resorts	Operational Environmental Management Plan (OEMP) for the Waterberg resort,	Environmental Compliance Officer (ECO)
2023	Stubenrauch Planning Consultants	Subdivision and Rezoning of Portion A of the Remainder of Portion B of the Farm Lüderitz Town and Townlands No. 11 for Aquaculture Farming, Lüderitz, //Karas Region	Environmental Assessment Practitioner (EAP)
2023	Stubenrauch Planning Consultants	Township Establishment, Creation of Street, and Installation of Bulk services on consolidated Erf 5952 Katima Mulilo Extension 1 to be known as Katima Mulilo Extension 29, Katima Mulilo, Zambezi Region	Environmental Assessment Practitioner (EAP)
2022	Municipality of Walvis Bay	Environmental Impact Assessment (EIA) for the Proposed various Township Establishments in Walvis Bay, Erongo Region	Public Consultation
2022	Sanli Construction CC	Environmental Impact Assessment for the proposed construction and operation of a proposed brick factory in Oshakati, Oshana Region	Public Consultation and Environmental Assessment Practitioner (EAP)
2022	Stubenrauch Planning Consultants	Subdivision of Erf 2544, Outapi Extension 1, Permanent Closure and Rezoning of Erf B/2544, Outapi Extension 1 and Registration of a 5 meter Right of Way and Storm Water Servitude Outapi, Omusati Region	Environmental Assessment Practitioner (EAP)
2022	Stubenrauch Planning Consultants	Subdivision of Erf 1173, Oranjemund Extension 3, Permanent Closure and Rezoning of Erf A/1173 and B/1173 from “Public Open Space” to “General Business” with a bulk of 2.0, Oranjemund, //Karas Region.	Environmental Assessment Practitioner (EAP)
2021/2022/2023	Fame Stone Distributors CC	Environmental Management Plan Compliance Monitoring and Auditing	Environmental Compliance Officer (ECO)
2022	MTC	Environmental Assessment for the Proposed Construction of Telecommunication Towers in the Walvis Bay Erongo Region	Public Consultation
2022	Namibia Wildlife Resorts	Operational Environmental Management Plan (OEMP) for NWR Resorts Etosha National Park, Namib Naukluft Park, Dorob National Park and //Ai-Ais Richterveld Transfrontier Park	Environmental Assessment Practitioner (EAP) and Environmental Compliance Officer (ECO)
2022	PowerCom	Environmental Assessment for the Proposed Construction of a Telecommunication Tower in Kavango West Region, Namibia	Environmental Assessment Practitioner (EAP)
2020-2021	MTC	Environmental Assessment for the Proposed Construction of Telecommunication Towers in the Erongo, Kunene, Otjozondjupa, Omusati and Kavango West Regions,	Public Consultation

Year	Client	Project Description	Role/ Responsibility
		Namibia	
2020/2021	Stubenrauch Planning Consultants	Subdivision and Consolidation of various Erven and Street Creation in Tsumeb and Nomtsoub, Oshikoto Region	Environmental Assessment Practitioner (EAP)
2021	Omuthiya Town Council	Environmental Impact Assessment (EIA) for the Proposed Township Establishment, creation of street and installation of bulk services for Omadhiya Proper and Omadhiya Extension 1, Omuthiya	Public Consultation
2021	Stubenrauch Planning Consultants	Proposed development of a Private School, Sport Stadium and creation of road in Ongwediva, Oshana Region	Environmental Assessment Practitioner (EAP)
2021	Stubenrauch Planning Consultants	Subdivision and Consolidation of Erf 1132, Okakarara Extension 2, Okakarara, Otjozondjupa Region	Environmental Assessment Practitioner (EAP)
2021	Stubenrauch Planning Consultants	Subdivision and Consolidation of Erven 1314, 1315 and 1316 1132, Outapi Extension 4, Outapi, Omusati Region	Environmental Assessment Practitioner (EAP)
2021	Stubenrauch Planning Consultants	Nakayale Densification Project: Consolidation, Rezoning and Subdivision of Erven 32-39, Nakayale Proper and creation of streets, Outapi, Omusati Region	Environmental Assessment Practitioner (EAP)
2021	Fame Stone Distributors CC	Environmental Management Plan Compliance Monitoring Audit	Environmental Compliance Officer (ECO)
2021	Namibia Wildlife Resorts	Environmental Management Plan (EMP) for the Torra Bay campsite, Mile 72 campsite, Mile 108 campsite, Jakkalsputz campsite and Terrace Bay Resort in the Erongo Region	Environmental Compliance Officer (ECO)
2021	Stubenrauch Planning Consultants	Subdivision and Rezoning of the Remainder of the Farm Outapi No. 1116, Outapi, Omusati Region	Environmental Assessment Practitioner (EAP)
2020/2021/2022/2023	Preferred Land Development Holdings	Environmental Management Plan Compliance Audit	Environmental Compliance Officer (ECO)
2020/2021/2022/2023	Okatji Marbel CC and Fame Stone Distributors CC	Environmental Compliance Monitoring for Mining Claims 71547, 71548, 71549 and 71550, 65425 and 65426 and Existing Mining operations	Environmental Compliance Officer (ECO)
2020	Stubenrauch Planning Consultants	Subdivision, Permanent Closure and Rezoning of Erf 332 Onethindi Extension 1, Oniipa, Oshikoto Region	Environmental Assessment Practitioner (EAP)



DECLARATION

I, Victoria Shikwaya hereby declare that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein, immediately. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

Signature: 

Date: 01/08/2023



Paula Tolksdorff

SENIOR TECHNICAL MANAGER

CORE SKILLS

- Environmental Legislation
- Equator Principles, IFC Performance Standards, World Bank EHS Guidelines
- Environmental and Social Impact Assessments
- Stakeholder Engagement and Management
- Environmental Management Programmes
- Operation and Construction Environmental Management Plans and Procedures
- Management Systems and Frameworks incl. ISO 14001
- Compliance Auditing, Due Diligence & Project Management
- Waste & Water Management

DETAILS

Academics

- Baccalaureus Technologiae (B-Tech), Engineering Civil, Urban and Rural Development, University of the Witwatersrand, 1997
- National Higher Diploma: Civil Engineering, University of the Witwatersrand, 1994
- National Diploma: Civil Engineering, University of the Witwatersrand, 1993
- MSc. Environmental Management, University of North West (two years course work complete 2011/2012)

Short Courses

- Certificate in Public Participation, International Association of Public Participation
- Centre of Environmental Management SAATCA approved course in Implementing Environmental Management Systems (ISO 14001)
- IEMA Approved Foundation course in Environmental Auditing
- IEMA Approved Carbon Footprint Management Course
- CESA, Developing Mentorship Skills for Management and Professionals
- Water Governance Course, Carin Bosman Sustainable Solutions

Languages

- English
- Afrikaans

Countries Worked In

Botswana, Democratic Republic of the Congo, Guinea, Liberia, Mozambique, Russia, Saudi Arabia, South Africa, Tanzania, Zambia and Zimbabwe

PROFILE

Paula brings over 30 years of specialised experience in the environmental sector, working across various industries, including global industrial and mining clients, as well as commercial and residential developments. Her career has taken her through significant projects across Africa, where she has gained a deep understanding of how environmental and social licenses to operate impact both operations and project outcomes.

With a strong foundation in sustainability, Paula applies her expertise to integrate and maintain effective, sustainable practices across a wide range of operational contexts. As an Environmental Assessment Practitioner and Professional Natural Scientist, her skills are both robust and multifaceted. She excels in conducting environmental and social (E&S) impact assessments and in developing comprehensive E&S management programs tailored to the specific needs of each project. Her work includes crafting and implementing E&S management systems for both construction and operational phases, ensuring they adhere to international standards.

Paula is also highly experienced in stakeholder engagement, ensuring clear communication and collaboration across all parties involved in a project. Her capabilities extend to due diligence and compliance auditing, where she provides critical oversight to ensure regulatory compliance and operational integrity. Additionally, she has extensive experience managing water and waste resources, promoting responsible and sustainable practices.

Through her well-honed project management skills, Paula effectively leads complex projects, consistently ensuring that sustainability goals are met. Her career and diverse background demonstrate a deep commitment to advancing environmental stewardship and sustainable development across challenging and diverse environments.

Professional Affiliations:

- Environmental Assessment Practitioners Association of South Africa (2019/509)
- South African Council for Natural Scientific Professions (152904)
- International Association for Impact Assessment South Africa (1745)
- International Association Public Participation (IAP2SA014)

Work Experience

Period	Employer	Position	Role/ Responsibility
Oct 24 - Current	GCS	Senior Technical Manager - Environmental Group	<p>As Technical Manager, Paula is responsible for overseeing the development and growth of environmental services. She leads business development efforts, builds and maintains client relationships, and develops and implements business strategies to drive the organisation's success. Paula manages a wide range of responsibilities, including overall project management, team leadership, and financial oversight, ensuring that projects are delivered on time and within budget while aligning with the organisation's long-term goals.</p> <p>In her technical capacity, Paula conducts environmental and social impact assessments, designs and implements environmental management programmes, and develops operational and construction environmental management plans and procedures. She plays a key role in establishing environmental management systems and engages with stakeholders to foster collaboration and ensure compliance. Her duties also include conducting compliance audits, due diligence assessments, and managing water and waste programs. Additionally, Paula provides environmental training and oversees project management from inception to completion. Her combined experience in technical and managerial roles equips her with a deep understanding of environmental practices and strategic leadership in various operational contexts.</p>
Sep 2023 - Jun 2024	OMI Solutions (Pty) Ltd, Pretoria	Principal Environmental Assessment Practitioner	<p>As a Principal Environmental Assessment Practitioner, Paula was responsible for leading business development efforts, managing client relationships, and developing business strategies to ensure the growth and success of the environmental services offered. She oversaw project management, guiding teams through the delivery of projects, and maintained financial oversight to ensure budgets and timelines were adhered to. In her technical capacity, Paula's role as an Environmental Assessment Practitioner and Professional Natural Scientist involved conducting environmental and social impact assessments, designing environmental management programmes, and developing both operational and construction environmental management plans. She was also responsible for implementing environmental management systems, managing stakeholder engagement, conducting compliance audits, performing due diligence assessments, and overseeing water and waste management. Her work included delivering environmental training and managing projects through their entire lifecycle, providing strategic guidance and ensuring regulatory compliance throughout.</p>
Nov 2022 - Aug 2023	Digby Wells Environmental (Pty) Ltd	Principal Environmental Assessment Practitioner	

Work Experience

Period	Employer	Position	Role/ Responsibility
Nov 2019-Aug 2022	Current Hatch Africa (Pty) Ltd, Johannesburg	Regional Director Africa for the Environmental Services Group	<p>As Regional Director, Paula was tasked with leading the development and growth of the Environmental Services Group across Africa. This role involved overseeing business development efforts, building and maintaining client relationships, and developing and implementing the business strategy to drive the organisation's success in the region. She managed a broad spectrum of responsibilities, including overall project management, team leadership, and financial oversight, ensuring that projects were delivered on time and within budget, while aligning with the group's long-term goals.</p> <p>In her role as an Environmental Practitioner, Paula was deeply involved in conducting environmental and social impact assessments, designing and implementing environmental management programmes, and developing operational and construction environmental management plans and procedures. She also played a key role in establishing environmental management systems and engaging with stakeholders to foster collaboration and ensure compliance. Her duties further extended to conducting compliance audits, due diligence assessments, and managing water and waste programs. Paula's work also encompassed delivering environmental training and overseeing the management of various projects from inception to completion. Her experience in both technical and managerial capacities equipped her with a comprehensive understanding of environmental practice and strategy in diverse operational contexts.</p>
2005-2019	Terra Pacis Environmental (Pty) Ltd	Managing Director (founding member)	<p>As a Director of Terra Pacis, Paula was responsible for the development of the Environmental Impact Assessment discipline, the management of business development, client relationship management, the development of the business strategy, overall project management, team management and financial management.</p> <p>As an Environmental Practitioner, Paula duties included: environmental and social impact assessments, environmental management programmes, operation and construction environmental management plans and procedures, environmental management systems, stakeholder engagement and stakeholder management, compliance auditing, due diligence, water and waste management, environmental training and project management.</p>
2006-2009	Cymbian Environmental and Social Consulting Services	Director (founding member)	As a Director of Cymbian, Paula was responsible for the development of the Environmental Impact Assessment discipline, the management of

Work Experience

Period	Employer	Position	Role/ Responsibility
			<p>business development, client relationship management, the development of the business strategy, overall project management, team management and financial management.</p> <p>As an Environmental Practitioner, Paula duties included: environmental and social impact assessments, environmental management programmes, operation and construction environmental management plans and procedures, environmental management systems, stakeholder engagement and stakeholder management, compliance auditing, due diligence, water and waste management, environmental training and project management.</p>
2005-2008	Contract to: Golder Associates Africa Pty Ltd	Environmental Consultant	Paula assisted on environmental and social impact assessments and environmental management programmes.
2005	ERM Southern Africa, Johannesburg	Snr Environmental Consultant	As an Environmental Practitioner, Paula duties included: environmental and social impact assessments, environmental management programmes, operation and construction environmental management plans and procedures, environmental management systems, stakeholder engagement and stakeholder management, compliance auditing, due diligence, water and waste management, environmental training and project management.
1998-2005	Contract to Anglo Gold Ashanti Limited, Johannesburg	Environmental Consultant	As an Environmental Practitioner, Paula duties included: environmental and social impact assessments, environmental management programmes, operation and construction environmental management plans and procedures, environmental management systems, stakeholder engagement and stakeholder management, compliance auditing, due diligence, water and waste management, environmental training and project management.
1996-1998	Anglo American, Johannesburg	Civil Engineering Technician and Environmental Consultant	As an Environmental Practitioner, Paula duties included: environmental and social impact assessments, environmental management programmes, operation and construction environmental management plans and procedures, environmental management systems, stakeholder engagement and stakeholder management, compliance auditing, due diligence, water and waste management, environmental training and project management.
1996-1996	Hamilton Associates, Rosebank	Civil Engineering Technician	Assisted civil engineers plan, design, and build residential development projects including services (access roads/ water/sewage/stormwater).

Work Experience

Period	Employer	Position	Role/ Responsibility
1990-1996	Stuart Scott Incorporated, Sandton	Civil Engineering Technician	Assisted civil engineers plan, design, and build highways, bridges, and services (water/sewage/stormwater). Worked on the site of a large highway construction project and a infrastructure development project.

Environmental and social impact assessments (including stakeholder engagement and supporting studies)

- Environmental Management Plan Update for North Mara Gold Mine Limited, Tanzania, Barrick Gold Corporation.
- Environmental Impact Study and Management Plan Kisanfu Project, Democratic Republic of the Congo, Phelps Dodge Congo SPRL.
- Environmental and Social Impact Assessment for the Proposed Chirundazi Dam and Associated Supporting Infrastructure, Karo Platinum, Zimbabwe.
- Environmental and Social Impact Assessment for the Opencast Expansion Project, Karo Platinum, Zimbabwe.
- Scoping and Environmental Impact Assessment for the Sasol Destoning Project, Mpumalanga Province, South Africa.
- Scoping and Environmental Impact Assessment for the Sasol Syferfontein Tweedraai Expansion, Mpumalanga Province, South Africa.
- Scoping and Environmental Impact Assessment for the 100 MW Namane Solar PV Plant, South Africa, Namane Generation (Pty) Ltd.
- Environmental Authorisation and Atmospheric Emissions Licence for the Copper Nickel Recovery Plant, Rand Refinery Limited, South Africa.
- Environmental Authorisation and Water Use Licence (by way of a Basic Assessment) for the Light Industrial Development on proposed Kya Sand Extension 104, Randburg, South Africa.
- Environmental Authorisation and Atmospheric Emissions Licence (by way of Scoping and Environmental Impact Assessment) for Mamatwan Mine New Sinter Plant, Samancor Manganese (Pty) Limited (BHP Billiton), South Africa.
- Environmental Authorisation, Waste Management Licence and Atmospheric Emissions Licence (by way of Scoping and Environmental Impact Assessment) for the M14 Furnace, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton), South Africa.
- Environmental Authorisation and Waste Management Licence (by way of Scoping and Environmental Impact Assessment) for the upgrade of the existing Pelletising Plant to an Agglomeration Plant, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton), South Africa.
- Environmental Authorisation and Atmospheric Emissions Licence (by way of Scoping and Environmental Impact Assessment) for the Medium Carbon Ferro Manganese Converter Project, Transalloys (Pty) Ltd, South Africa.
- Environmental Authorisation and Atmospheric Emissions Licence (by way of Scoping and Environmental Impact Assessment) for the Construction and Operation of Two Furnaces and Associated Infrastructure, Transalloys (Pty) Ltd.
- Environmental Authorisation and Atmospheric Emissions Licence (by way of Scoping and Environmental Impact Assessment) for Proposed Phosphoric Acid Plant, Hi-Fos (Pty) Ltd, South Africa.
- Waste Management Licence (by way of a Basic Assessment) for the Refurbishment of West Plant Sludge Dam 3 and Associated Mixing facility, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Water Use Licences for the Nyakallong and Virginia Wastewater Treatment Works Upgrade, Matjhabeng Local Municipality, Free State, South Africa.
- Water Use License Application, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton), South Africa.

Risk assessments

- Environmental Risk Assessment for the Hard Ice Plant at Mponeng Mine, AngloGold Ashanti, South Africa.
- Environmental Risk Assessment for the Surface Cooling System Expansion for Ventersdorp Contact Reef B120 Level Project, West Wits Mponeng Mine, AngloGold Ashanti, South Africa.
- Dam Risk Assessment Goedevonden Colliery, Xstrata Coal, South Africa.
- Environmental Risk Assessment for the Coal fired boilers, Newlands, SAB Miller, South Africa.

Feasibility studies

- Zimplats Selous Base Metals Refinery (BMR) Feasibility Study; Supporting Environmental Studies (environmental legal opinion and permitting requirements, environmental impact analysis, energy management and GHG emissions reduction study, water management study), Zimplats, Zimbabwe.
- Water Supply Feasibility Study (environmental legal opinion and permitting requirements), for Mondi South Africa (Pty) Ltd, South Africa.
- Port Durnford Prefeasibility Study Project, Tronox KZN Sands (Pty) Ltd, Richards Bay, South Africa.
- Prefeasibility study for the construction of a new converting facility, (environmental design criteria, regulatory review and permitting requirements, emissions modelling for technology selection, opportunities to improve GHG emissions and energy management), Confidential Project, South Africa.

- Establishment of an Aluminium Recycling Plant (site sensitivity analysis, regulatory review and permitting requirements, provision of cost estimates to obtain environmental permits and licences), (Confidential Project), South Africa.
- Feasibility study for the processing of a by-product in the platinum industry, (environmental design criteria, environmental legal opinion and permitting strategy, environmental legal register, environmental and human health impact analysis, water management, contractor social management plan, construction environmental management plan), Confidential Project, South Africa.

Environmental engineering and monitoring

- Review of Environmental Design Criteria for the Development of an Iron Ore Mine in Mauritania, El Aouj Mining Company, Northern Africa.
- Review of the Environmental Protection Measures developed for the construction and operation of a Gold Mine in Russia with particular focus on identifying relevant monitoring requirements, Kinross Gold.
- Environment Design Criteria for an SO₂ Abatement Plant, Anglo American Platinum, South Africa.
- Sustainable design options study for the Nimba Iron Ore Project, Société des Mines de Fer de Guinée (SMFG) Guinea and Liberia.
- Onshore and offshore environmental baseline studies, compilation of environmental monitoring/management plans and procedures, and environmental compliance monitoring for the construction of a LNG plant in the Afungi Peninsula in the Palma District of Cabo Delgado Province, CCSJV, Mozambique.
- Product and waste storage areas upgrade project at the Port of Durban, Bidvest Tank Terminals, KwaZulu-Natal, South Africa.
- Salvage Yard Layout, Detailed Design and Stormwater Management, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton), South Africa.
- Development of Water Balances for 1) Free State Operations, 2) Vaal River Operations and 3) West Wits Operations, AngloGold Ashanti, South Africa.
- Clean and Dirty Water Separation Studies for 1) Vaal River Operations (Mines and Processing Plants) and 2) West Wits Operations (Mines and Processing Plants), AngloGold Ashanti, South Africa.

Circular economy

- Scoping exercise to develop and Extended Producer Responsibility Scheme for a multi-national drink and brewing company (Confidential Project), South Africa.
- Concept Study for the Hillside Used Beverage Can (UBC) Recycling Project, South32, South Africa.

Environmental management systems and auditing

- Development of an Environmental Management System at Lumwana Mine, Zambia, Barrick Gold Corporation.
- Development of an Environment Management System (ISO 14001) including assurance of certification for ERGO, AngloGold Ashanti
- Environmental Management System (ISO 14001) development for Scaw Metals.
- Development of an Environment Management System (ISO 14001), Kimberley Mines, De Beers Consolidated Mines.
- Review and updating of the Environmental Management System (ISO 14001) at Newlands, SAB Miller.
- The Development and Implementation of processes and tools to comply with conditions defined in the Waste Management Licences, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Vegetation Control Procedure; Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- The Development of Standard Operating Procedures for the Materials Management Department, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Admox Bagging Plant, Admox Bagging Plant, Admox Pelletising Plant and OBC Fume Extraction Operation Environmental Management Plan; Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Internal ISO 14001 Audit, Venetia Mine, De Beers Consolidated Mines
- Internal ISO 14001 Audit, Voorspoed Mine, De Beers Consolidated Mines

Environmental policy and legislation

- Review the NEOM Environmental Standards and Policies, Saudi Arabia.
- Developing a Greenhouse Gas reporting framework for Department of Mineral Resources and the Department of Energy, Northern Cape Province, South Africa.
- Legal Opinion on Requirement for Environmental Authorisation of the Proposed Emergency Diesel Power Generation Project at Wessels Mine, Samancor Manganese

(Pty) Limited (BHP Billiton), South Africa.

- Environmental Legal Opinion Proposed Soya and Sunflower Bean Operations, Boksburg, South Africa.
- Strategic Planning on New Furnace Location, Samancor Manganese (Pty) Ltd (BHP Billiton), South Africa.
- Waste Management Licence and Atmospheric Emission Licence for A-Thermal Retort Technologies (Pty) Ltd.

Due diligence and technical advisory

- Independent Expert Report Roggeveld Wind Farm Phase 1 And Associated Infrastructure, South Africa.
- Technical Advisory services for a Power Purchase Agreement (PPA) for a gas to power plant near Maputo, Mozambique (Confidential Project).
- Environmental Due Diligence for an in-land and port side bauxite facility, Republic of Guinea (Confidential Project).
- Environmental Due Diligence for the Brush-Arc UG2 Smelting at Richards Bay Alloys, Anglo American Marketing Ltd.
- Environmental component of the Independent Engineering Review, for the New Generation Capacity Under the Risk Mitigation IPP Procurement Program (Confidential Project).

Auditing

- Audit of the Waste Management Practice at Mponeng and Kopanang Mine, AngloGold Ashanti.
- External Audit Reports for the Waste Management Licences, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Audit of the Water Use Licence held by Goedgevonden Colliery, Xstrata Coal South Africa.
- Annual Internal Audit of the Water Use Licence for Xstrata Coal South Africa (Pty) Ltd Tweefontein Division.
- Annual External Water Use Licence Audit, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Annual Audit of the Record of Decision and Environmental Management Plan for the Fouriespruit Stream Diversion and Old Slag Area, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Annual Environmental Performance Audit for the Pelletising Plant, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Environmental Legal Compliance Assessment for the Construction Phase of the M14 Furnace Project Environmental Authorisation, Metalloys Samancor Manganese (Pty) Ltd (BHP Billiton).
- Waste Management License Audit for the Slagment Operation, AfriSam Southern Africa (Pty) Ltd.
- Environmental-Legal Compliance Assessment Report SCE Ashman (Proprietary) Limited: Vanderbijlpark Plant.
- Environmental-Legal Compliance Assessment of the Waste Management Licence and Atmospheric Emission Licence for A-Thermal Retort Technologies (Pty) Ltd.

DECLARATION

I, Paula Tolksdorff hereby declare that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein, immediately. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

Signature: _____



Date: 03 October 2024

APPENDIX B - ENVIRONMENTAL MANAGEMENT PLAN (EMP)



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Environmental Management Plan (EMP) for the Proposed Construction and Operation of a Telecommunication Tower in Onamundindi Village, Omusati Region

Report

Draft

January 2025



PowerCom (Pty) Ltd

GCS Project Number: 24-0509



**Environmental Management Plan (EMP) for the Proposed Construction and Operation of
a Telecommunication Tower in Onamundindi Village, Omusati Region****Draft**

PowerCom (Pty) Ltd



24-0509

DOCUMENT ISSUE STATUS

Report Issue	Draft		
GCS Reference Number	GCS Ref - 24-0509		
Title	Environmental Management Plan (EMP) for the Proposed Construction and Operation of a Telecommunication Tower in Onamundindi Village, Omusati Region		
	Name	Signature	Date
Author	Victoria Shikwaya		January 2025

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1 OVERVIEW

1.1 Project Background

PowerCom (Pty) Ltd (“PowerCom”) proposes to erect a telecommunication tower Onamundindi Village, Omusati Region which aims to strengthen the coverage for mobile and wireless services (inclusive of voice and data services) within the subject area. The location of the proposed site is shown in **Figure 1-1** below.

In line with the Environmental Management Act (Act 7 of 2007) an Environmental Assessment (EA) has been conducted for the proposed development.

1.2 Purpose of the EMP

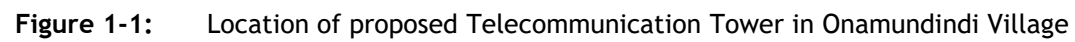
Regulation 8 of the Environmental Management Act’s (EMA) (7 of 2007) Environmental Impact Assessment Regulations (2012) requires that a draft Environmental Management Plan (EMP) be included as part of the Environmental Assessment (EA) process. A ‘management plan’ is defined as:

“...a plan that describes how activities that may have significant effects on the environment are to be mitigated, controlled and monitored.”

An EMP is one of the most important outputs of the EA process as it synthesises all the proposed mitigation and monitoring actions, set to a timeline and with specific assigned responsibilities. It provides a link between the impacts identified in the EIA process and the responsive environmental management actions to be taken on the ground during project implementation and operation.

This EMP is a living document and should be amended to address project changes and/or environmental conditions and feedback from compliance monitoring.

The purpose of this document is therefore to guide environmental management throughout the phases of the proposed development, namely planning and design, construction, operation and maintenance and, if considered, decommissioning.



The following phases are addressed in this EMP:

- **Planning and design** - the period prior to the construction phase, during which preliminary legislative and administrative arrangements are carried out in preparation of construction activities;
- **Construction phase** - during this phase, the tower and its related infrastructure will be constructed;
- **Operation and maintenance** - the period during which the tower and its related infrastructure will be operational and maintained as necessary.
- **Decommissioning** - Should the tower be decommissioned; this phase will be implemented. . There will always be a need for improved mobile services, hence the decommissioning of the infrastructure is not anticipated. Mitigation measures will be provided in the unlikely event of decommissioning.

1.3 Environmental Assessment Practitioner (EAP)

GCS Water Environmental Engineering Namibia (Pty) Ltd (“GCS”) have been appointed by PowerCom (Pty) Ltd (“PowerCom or Proponent”) as independent Environmental Assessment Practitioner (EAP) to conduct the required EA. This includes the compilation of an EMP for the proposed development. The EMP is to be submitted together with the Scoping EA Report as part of the application for an Environmental Clearance Certificate (ECC). The application will be submitted to the Environmental Commissioner at the Department of Environmental Affairs and Forestry (DEAF), Ministry of Environment Forestry and Tourism (MEFT). The EMP will also be used by Contractors, Engineers and the Proponent, to guide practices during the construction and operation of the tower to ensure that impacts on the environment are avoided or minimized.

1.4 Legal Requirements

Under the 2012 Environmental Impact Assessment (EIA) Regulations of the Environmental Management Act (7 of 2007), the proposed development is a listed activity that may not be undertaken without an ECC. This activity is listed under the following section:

“10.1 (g) The construction of masts of any material or type and of any height, including those used for telecommunication, broadcasting, and radio transmission.”

The content of the EMP must meet the requirements as laid out in Section 8(j) of the EIA Regulations. The EMP must address the potential environmental impacts of the proposed activity on the environment throughout the project life cycle. It must also include a system for assessment of the effectiveness of management and monitoring arrangements after implementation. PowerCom therefore has the responsibility to ensure that the proposed activity, as well as the EIA process, conforms to the principles of the EMA. Any contractors appointed by PowerCom must also comply with such principles.

It is important to note that an EMP is a legally binding document and a person who contravenes the provisions of this EMP may face imprisonment and/or a fine.

Table 1-1 below lists the applicable and relevant Namibian legislations and other international guidelines for this specific EA process

Table 1-1: Applicable and relevant Namibian legislations and other international guidelines for this specific EA process

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this project
Environmental Management Act EMA (No 7 of 2007)	Requires that projects with significant environmental impacts are subject to an environmental assessment process (Section 27). Details principles which are to guide all EAs.	The EMA and its regulations should inform and guide the EA process.
Environmental Impact Assessment (EIA) Regulations GN 28-30 (GG 4878)	Details requirements for public consultation within a given environmental assessment process (GN 30 S21). Details the requirements for what should be included in a Scoping Report (GN 30 S8) and an Assessment Report (GN 30 S15).	
The Constitution of Namibia Act No. 1 of 1990	According to Legal Assistance Centre (LAC), there is no clear right to health in the Namibian Constitution. But under the Article 95 of the Namibian Constitution that deals with Principles of State Policy, the Namibian Constitution states “the state shall enact legislation to ensure consistent planning to raise and maintain an acceptable standard of living for the country’s people” and to improve public health.	The Proponent should ensure compliance with the conditions set in the Act.
Namibian Communications Act 8 of 2009	Provides for the regulation of telecommunications services and networks, broadcasting, postal services and the use and allocation of radio spectrum; for that purpose the establishment of an independent Communications Regulatory Authority of Namibia; to make provision for its powers and functions; the granting of special rights to telecommunications licensees; the creation of an Association to manage the .na internet domain name space and for matters connected therewith.	Provides the standards for setting up cellular, wireless and satellite services.
Local Authorities Act (No. 23 of 1992)	Provides for the determination, for purposes of local government, of local authority councils; the establishment of such local authority councils; and to define the powers, duties and functions of local authority councils; and to provide for incidental matters.	The Ogongo Constituency Council is the responsible Local Authority of the area in which the proposed development will be located, and they are consulted for this EA.

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this project
The Atomic Energy and Radiation Protection Act, Act 5 of 2005	Provides for the adequate protection of the environment and of people against the harmful effects of radiation by controlling and regulating the production, processing, handling, use, holding, storage, transport and disposal of radiation sources and radioactive materials, and controlling and regulating prescribed non-ionising radiation sources according to the standards set out by the ICNIRP.	To determine the “safe distance” around the site.
“Guidelines for Limiting Exposure to Electromagnetic Fields (100kHz to 300GHz)” (March 2020, developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP))	Provides international standards and guidelines for limiting the adverse effects of non-ionising radiation on human health and well-being, and, where appropriate, provides scientifically based advice on non- ionising radiation protection including the provision of guidelines on limiting exposure.	Justifies the need for assessing the impact of electromagnetic radiation from the antennae, on the nearby residents.
The Aviation Act, Act 74 of 1962	Gives effect to certain International Aviation Conventions and makes provision for the control, regulation and encouragement of flying within the Republic of Namibia and for other matters incidental thereto	Provides the regulations for setting up cellular structures in Namibia.
Namibian Civil Aviation Regulations, 2001	Section 139.01.34 outlines the obstacle limitations and marking outside aerodromes	The proposed project should adhere to the limitations outlined in the act.
Convention on International Civil Aviation, Annex 14	<ul style="list-style-type: none"> Annex 14 to the Convention on International Civil Aviation. Chapter 4: Obstacle restrictions and removal Chapter 6: Visual aids and donating of obstacles 	The proposed new structures may be obstacles to some aerodromes in Namibia. Those that are close to existing aerodromes need to be assessed in accordance with the document. Visual aids to the new structures to make them visible to aircraft need to be applied in accordance with this Convention.

Legislation/Policy/ Guideline	Relevant Provisions	Implications for this project
Labour Act (No. 6 of 1992)	Ministry of Labour (MOL) is aimed at ensuring harmonious labour relations through promoting social justice, occupational health and safety and enhanced labour market services for the benefit of all Namibians. This ministry insures effective implementation of the Labour Act no. 6 of 1992.	PowerCom should ensure that construction, operation and maintenance of the towers, the safety and welfare of workers are not compromised.

1.5 Assumptions and Limitations

This EMP has been drafted with the acknowledgment of the following assumptions and limitations:

- This EMP has been drafted based on the scoping-level Environmental Assessment (EA) conducted for the proposed construction and operation of the telecommunication tower in Onamundindi Village, Omusati Region. No specialist studies were included as part of the assessment; and
- The mitigation measures recommended in this EMP document are based on the risks/impacts identified in the Scoping Report. These impacts were identified based on the provided project description and projected project impacts. Should the scope of the project change, the risks will have to be reassessed and mitigation measures adjusted accordingly.

1.6 Report Structure

This EMP lays out the management actions to be undertaken at the proposed site. The EMP addresses the following phases:

- **Planning and design;**
- **Construction phase;**
- **Operation and maintenance phase; and**
- **Decommissioning phase**

2 ROLES AND RESPONSIBILITIES

PowerCom is ultimately responsible for the implementation of the EMP. PowerCom may delegate this responsibility at any time as they deem necessary. The delegated responsibility for the effective implementation of this EMP will rest on the following key individuals who may be the same person:

- Proponent's Representative; and/or
- Environmental Control Officer.

2.1 Proponent's Representative

If the Proponent does not directly manage all aspects of the phases and activities referred to in this EMP, they should assign this responsibility to a suitably qualified individual referred to in this plan as the Proponent's Representative (PR). The Proponent may decide to assign the role of a PR to one person for the all the project phases. Alternatively, the Proponent may decide to assign a separate PR for each project phase. The PR's responsibilities, included in Table 2-1, are as follows:

Table 2-1: Responsibilities assigned to the Proponent's Representative for planning and design, construction, operation and maintenance and decommissioning phases

Responsibility	Project Phase
Managing the implementation of this EMP, updating and maintaining it when necessary.	Throughout the lifetime of the project.
Management and monitoring of individuals and/or equipment on-site in terms of compliance with this EMP.	Throughout the lifetime of the project.
Issuing fines for contravening EMP provisions.	Throughout the lifetime of the project.

2.2 Environmental Control Officer

The responsibility for overseeing the implementation of the EMP on the ground is conferred in this EMP to the Environmental Control Officer (ECO). The Proponent may decide to assign this role to one person for all project phases or may assign separate individual ECOs to oversee EMP implementation during each project phase. The ECO will have the following responsibilities:

- Management and facilitation of communication between the Proponent, PR and Interested and Affected Parties (I&APs) with regard to this EMP;
- Conducting site inspections (recommended minimum frequency is weekly during construction phase and bi-annually during the operation and maintenance and decommissioning phases) of all areas with respect to the implementation of this EMP (monitor and audit the implementation of the EMP);
- Advising the PR on the removal of person(s) and/or equipment where there is non-compliance with the provisions of this EMP;
- Making recommendations to the PR with respect to the issuing of fines for contraventions of the EMP; and
- Undertaking an annual review of the EMP and recommending additions and/or changes to this document.

3 ENVIRONMENTAL MANAGEMENT PLAN ACTIONS

3.1 Key Potential environmental impacts to be managed

From the EA, the following key potential negative impacts have been identified per project phase and are summarised in Table 3-1 below.

Table 3-1: Summary of key potential environmental impacts per project phase

	Project Phase	Potential negative impacts identified in the EA
1	Construction	<ul style="list-style-type: none"> • Disturbance to surrounding property owners, • Health and safety, • Waste generation, • Dust, • Noise.
2	Operation and maintenance	<ul style="list-style-type: none"> • Health and safety (radiation emissions), • Visual impacts.
3	Decommissioning	<ul style="list-style-type: none"> • Loss of improved cellular network coverage, • Removal of infrastructure, • Health and safety, • Waste handling and disposal.

The aim of the management actions of the EMP is to avoid potential impacts where possible. Where impacts cannot be avoided, measures are provided to reduce the significance of these impacts.

Actions recommended to manage the potential impacts rated in the EA carried out for the proposed tower construction are presented in the following tables, as follows:

- Planning and Design phase (Table 3-2);
- Construction phase (Table 3-3);
- Operation and maintenance phase management actions (Table 3-4); and
- Decommissioning phase (Table 3-5).

The responsible persons at PowerCom should assess these commitments in detail and acknowledge their responsibility to the specific management actions detailed in the tables.

3.2 Phase 1: Planning and Design Management Actions

Since the proponent is responsible for the construction of the sites, the management requirements detailed in **Table 3-2** need to be carried out before any construction work commences. Necessary preliminary legislative and administrative arrangements should be made in preparation for the operation of the proposed development. These management requirements are also applicable for the period during which engineering designs/drawings are carried out.

Table 3-2: Planning and design management actions

Aspect	Management Requirement	Responsibility	Timeframes
Tower and associated Equipment Design	<ul style="list-style-type: none"> The design standards to be applied to the associated equipment which produces the telecommunication signals should comply with the internationally accepted public electro-magnetic exposure guidelines. 	Proponent	Pre-construction phase
Labour Recruitment	<ul style="list-style-type: none"> It is anticipated that PowerCom will utilize its own workforce. However, should there be a need to employ additional labourers, local labour will be prioritized for unskilled or semi-skilled labour. Recruitment will not be done at the project site. 	Proponent	Ongoing
Construction schedule	<ul style="list-style-type: none"> A convenient construction work/schedule should be prepared and be shared with the surrounding property owners. This will ensure that the surrounding property owners are aware of when to expect the construction team at the site. 	Proponent	Pre-construction
EMP Implementation	<ul style="list-style-type: none"> PowerCom needs to appoint a Proponent's Representative (PR) who will act as their on-site agent. This person should be responsible to ensure that the Proponent and Contractor's responsibilities are executed in compliance with relevant legislation and this EMP. 	Proponent	Ongoing

Aspect	Management Requirement	Responsibility	Timeframes
Agreement with affected landowners	<ul style="list-style-type: none">PowerCom to ensure that permission is granted in writing by the landowners to erect the structures on the site prior to commencing construction.	Proponent	Pre-construction

3.3 Phase 2: Construction Phase Management Actions

The management actions for the construction phase are listed in **Table 3-2**.

Table 3-3: Construction phase management actions

Environmental Feature	Impact	Management Actions	Responsibility	Timeframes
EMP training	Lack of EMP awareness and the implications thereof	<ul style="list-style-type: none"> Employees appointed for construction work on respective infrastructure must ensure that all personnel are aware of necessary health, safety and environmental considerations applicable to their respective work. Comprehensive induction forms a critical component during the construction and operational periods. This includes the following: <ul style="list-style-type: none"> Ensuring that all employees are aware of their individual impact on the environment. Ensuring that preventative measures and procedures are undertaken in order to reduce the risk of a potential impact. 	ECO and Contractor	Continuous
Monitoring	EMP non-compliance	<ul style="list-style-type: none"> The PR should periodically (monthly) audit the implementation of this EMP. The ECO should inspect the site weekly throughout the construction period. 	PR and ECO	Duration of construction phase

Environmental Feature	Impact	Management Actions	Responsibility	Timeframes
Health and Safety	Health and Safety	<ul style="list-style-type: none"> Construction workers should be trained on how to handle materials and equipment on site (if they do not already know how to) in order to avoid injuries. The contractor(s) should ensure that all personnel are provided with personal protective equipment (PPE), such as gloves, safety boots, safety glasses and hard hats at all times during construction hours on site. No workers should be allowed to drink alcohol during working hours. No workers should be allowed on site if under the influence of alcohol. Dust and noise levels generated on the site will be monitored (qualitatively) to ensure worker health is not compromised, nor are community complaints are received. Dust suppression with water bowzers will be employed in the event of high dust levels 	PR and Contractor ECO/ PR	Ongoing
Waste Management		<ul style="list-style-type: none"> The construction site should be kept tidy at all times. All domestic and general construction waste produced on a daily basis should be cleaned and contained daily. No waste may be buried or burned on site or anywhere else. 	PR and Contractor	Ongoing

Environmental Feature	Impact	Management Actions	Responsibility	Timeframes
		<ul style="list-style-type: none"> Waste containers (bins) should be emptied after the construction and removed from site to the municipal waste disposal site. Separate waste containers (bins) for hazardous and domestic / general waste must be provided on site. Construction labourers should be sensitised to dispose of waste in a responsible manner and not to litter. No waste may remain on site after the completion of the project. The proponent should investigate and utilise possible methods for recycling waste generated on site. 		
Construction labourers		<ul style="list-style-type: none"> Construction workers will be transported, in a bus (or similar suitable passenger vehicle) to and from site. Portable toilets should be available on site at a ratio of at least 1 toilet per 10 workers. No workers may reside on-site for the entire duration of the construction period. No cooking on site to prevent the risk of fires. 	PR and Contractor	Duration of construction

Environmental Feature	Impact	Management Actions	Responsibility	Timeframes
Archaeology	Loss of heritage resources	<ul style="list-style-type: none"> Should a heritage site or archaeological site be uncovered or discovered during the construction phase of the project, a “chance find” procedure should be applied in the order they appear below: <ul style="list-style-type: none"> If operating machinery or equipment, stop work; Demarcate the site with danger tape; Determine GPS position if possible; Report findings to the construction foreman; Report findings, site location and actions taken to superintendent; Cease any works in immediate vicinity; Visit site and determine whether work can proceed without damage to findings; Determine and demarcate exclusion boundary; Site location and details to be added to the project’s Geographic Information System (GIS) for field confirmation by archaeologist; Inspect site and confirm addition to project GIS; 	ECO	Prior to site setup activities

Environmental Feature	Impact	Management Actions	Responsibility	Timeframes
		<ul style="list-style-type: none">○ Advise the National Heritage Council of Namibia (NHCN) and request written permission to remove findings from work area; and○ Recovery, packaging and labelling of findings for transfer to National Museum.• Should human remains be found, the following actions will be required:<ul style="list-style-type: none">○ Apply the chance find procedure as described above;○ Schedule a field inspection with an archaeologist to confirm that remains are human;○ Advise and liaise with the NHCN and Police; and• Remains will be recovered and removed either to the National Museum or the National Forensic Laboratory.		

3.4 Phase 3: Operation and Maintenance Management Actions

The table below (Table 3-4) presents the management action for the operation and maintenance phase.

Table 3-4: Operation and maintenance phase management actions

Environmental Feature	Impact	Management Actions	Responsibility	Timeframes
EMP training	Lack of EMP awareness and the implications thereof	<ul style="list-style-type: none"> Employees appointed for operation and maintenance on respective site infrastructure and services must ensure that all personnel are aware of necessary health, safety and environmental considerations applicable to their respective work. 	Operations Manager/ ECO	Ongoing
Monitoring	EMP non-compliance	<ul style="list-style-type: none"> The Operations Manager/ ECO should inspect the site operations on a biannual basis and report any non-conformances to the Proponent. 	Proponents Representative, Proponent and Environmental Control Officer	Ongoing
Health and Safety	Electromagnetic Radiation (EMR) emission	<ul style="list-style-type: none"> PowerCom should adopt the Precautionary Principle to optimize the benefits derived from the technology while also providing protection to allay the fears of those for whom the State has responsibility to protect. 	Proponent	Ongoing

Environmental Feature	Impact	Management Actions	Responsibility	Timeframes
		<ul style="list-style-type: none"> PowerCom should monitor to ensure that antennae construction and electro-magnetic radiation levels are within the international standards of The Atomic Energy and Radiation Protection Act, Act 5 of 2005 and “Guidelines for Limiting Exposure to Electromagnetic Fields (100kHz to 300GHz)” (March 2020, developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP)) 		
		<ul style="list-style-type: none"> The National Radiation Protection Authority should be involved during this phase (operational) to assess the possible emissions from antennae. 	National Radiation Authority of Namibia and Proponent	Ongoing
Civil aviation	Civil aviation impact	<ul style="list-style-type: none"> PowerCom should ensure that no other high projections/extensions will be added on top of the antennae that may compromise aerodrome (civil aviation) safety. PowerCom should ensure that the structures adhere to the Namibia Civil Aviation Regulations (NAMCARs) Part 139 Aerodromes and Heliports: Licencing and Operation. In the case that PowerCom will need to increase the height of the tower or add additional infrastructure on top of the tower, prior consultations should be made with Civil Aviation Department to ensure that the new infrastructure does not interfere with civil aviation operations. 	Proponent	Ongoing

3.5 Phase 4: Decommissioning Management Actions

The table below (Table 3-5) presents the management action for decommissioning phase.

Table 3-5: Decommissioning phase management actions

Environmental Feature	Impact	Management Actions	Responsibility	Timeframes
Tower Decommissioning	Loss of better mobile network coverage Loss of jobs	<ul style="list-style-type: none"> The proponent should ensure that the mobile coverage is not compromised, by putting up an alternative cellular infrastructure. The Proponent will redeploy employees no longer employed in operating the tower. 	Proponent	Pre-decommissioning
Health and Safety	Health and Safety during removal of infrastructure	<ul style="list-style-type: none"> Workers should be trained on how to handle hazardous materials and equipment on site. Workers should be trained on how to handle demolition activities safely. The contractor(s) should ensure that all personnel are provided with personal protective equipment (PPE), such as gloves, safety boots, safety glasses and hard hats at all times during construction hours on site. No workers should be allowed to drink alcohol during working hours. No workers should be allowed on site if under the influence of alcohol. 	Proponents Representative and Contractor	During decommissioning

Environmental Feature	Impact	Management Actions	Responsibility	Timeframes
Waste Management	Waste handling and removal during removal of infrastructure	<ul style="list-style-type: none"> The decommissioning site should be kept tidy at all times. All domestic and general waste produced on a daily basis should be contained daily in covered bins. No waste may be buried or burned on site or anywhere else. Waste containers (bins) should be emptied weekly and removed from site to the municipal waste disposal site. Separate waste containers for hazardous and domestic / general waste must be provided, and the appropriate disposal methods for each type of waste employed. The workforce should be sensitised to dispose of waste in a responsible manner and not to litter. No waste may remain on site after the completion of the project. It is recommended that the recycling and re-use of removed infrastructure should be explored and implemented. 	Environmental Officer and Contractor	Ongoing
Decommissioning team		<ul style="list-style-type: none"> Decommissioning workers will be transported in a bus (or similar suitable passenger vehicle) to and from site. 	Proponents Representative and Contractor	Ongoing

Environmental Feature	Impact	Management Actions	Responsibility	Timeframes
		<ul style="list-style-type: none">• If the decommissioning team is not allowed to use the toilets available on site, portable toilets (i.e. easily transportable) should be available at a ratio of at least 1 toilet per 10 workers.• No workers may reside on-site for the entire duration of the construction period.• No cooking on site to prevent the risk of fires.		

4 CONCLUSIONS

GCS has provided practical mitigation measures and monitoring regimes for all phases of the proposed tower development. Should the mitigation measures provided within this EMP be implemented effectively, GCS is of the opinion that no significant environmental or social impacts will be generated.

APPENDIX C - LIST OF INTERESTED AND AFFECTED PARTIES

Interested and Affected Parties-Telecommunication Tower		
Organisation / Land portion	Title	First Name - Contact Person
National Government		
Ministry of Environment, Forestry and Tourism (MEFT)	Environmental Commissioner	Timoteus Mofeti
MEFT - Deputy Environmental Commissioner	Deputy Environmental Commissioner	Dr Caroline Garus-oas
Ministry of Mines and Energy (MME)	Executive Director	Simeon Negumbo
Ministry of Information and Communication Technology	Executive Director	Mbeuta Ua-Ndjarakana
Ministry of Agriculture, Water and Land Reform	Executive Director	P Misika
Ministry of Labour Industrial Relations and employment creation	Executive Director	B. Shingudja
Ministry of Health and Social Services	Executive Director	B Nangombe
Ministry of Works and Transport	Executive Director	W Goeieman
Ministry of Urban and Rural Development	Planner	Tobias Newaya
Utilities		
Nampower	Environmental	C. Sisamu
Nampower	Engineering, Planning and Design	Gert Fourie
NamWater	Senior Environmental	N. P Du Plessis
NamWater	Chief: Planning and Water Resource management	Henry Mukendwah
Roads Authority	Chief Executive Officer	Conrad Lutombi
Roads Authority	Specialised road Legislation, Advise & Compliance	Elina Lumbu
Namibia Civil Aviation Authority		Executive Director
Namibia Civil Aviation Authority	Acting Senior Manager	Golden Siteka
Namibia Civil Aviation Authority		Theoline L. Kauraisa
Namibia Airports Company	CEO	Bisey /Uirab
National Radiation Protection Authority		Dauphin Matomola
National Radiation Protection Authority		Tekla Mwale Mutwamezi
National Radiation Protection Authority		Joseph Eiman
National Radiation Protection Authority		Amakali Gideon
CRAN	Head Electronic Communication	Ronel le Grange
NGOs, Environmental Groups		
Earth life Namibia		B. Korhs
Namibian Environment and Wildlife Society	Media, website and newsletter	F Kreitz
National Botanical Research Institute	Manager: Threatened Plants Programme,	Sonja Loots
National Heritage Council of Namibia	Archaeologist & Heritage Specialist	Alma Mekondjo Nankela

Interested and Affected Parties-Telecommunication Tower		
Organisation / Land portion	Title	First Name - Contact Person
National Heritage Council of Namibia	Director	Ms. Erica Ndalikokule
National Botanical Research Institute (NBRI)	Botanist	Vanessa Strauss
Namibian Environment and Wildlife Society	EIA Tracking and Monitoring in Namibia	Nelimona lipinge
Local Authorities		
Ogongo Counstituency Council	Councillor	Mr. Daniel lilende
Ogongo Counstituency Council	Secretary	Ms. Cornelia Nujoma
Ogongo Counstituency Council	Village Secretary	Mr. Shaanika lithete
Proponent		
PowerCom	Site Acquisition Officer	Mercutio Mowes
REGISTERED		
litananga	Community Member	Erastus Ashipala
Okagongo Kaakwambashu	Community Member	Joseph Amushila
Okagongo Kaakwambashu	Community Member	Vistorina liyambo
Okagongo Kaakwambashu	Community Member	Lea Shiimi
Omapopola	Community Member	Natalia Amushila
Onamundindi	Community Member	Menete lithete
Onamundindi	Community Member	Eunike Mutota
Onamundindi	Community Member	Konias liyambo
Onamundindi	Community Member	Lavia Kautondokwa
litananga	Community Member	Reinhold Johannes
Okagongo Kaakwambashu	Community Member	Amutenya Shikongo
Onamundindi	Community Member	Ashuuna Natanael
Onamundindi	Community Member	Martin Wellem
Onamundindi	Community Member	Risto Kefas
Onamundindi	Community Member	Julias Konias
Okagongo Kaakwambashu	Community Member	Malakia Namwaafo
Onamundindi	Community Member	Foibe Nicolas
Onamundindi	Community Member	Timoteus lithete
Onamundindi	Community Member	Soini Amafufu
Onamundindi	Community Member	Kuume Paulina
Onamundindi	Community Member	Angula Kandenge
Onamundindi	Community Member	Theresia Shiimi
Onamundindi	Community Member	DJ Kashani
Onamundindi	Community Member	Elise Inghepa
Onamundindi	Community Member	Wilhemina Mwatukange
Onamundindi	Community Member	Julia Kweedhi
Onamundindi	Community Member	Evelina Josua
Onamundindi	Community Member	Saara liyambo
Onamundindi	Community Member	Miina Shilongo
Onamundindi	Community Member	Alina liyambo
Onamundindi	Community Member	Linongamba liyambo
Onamundindi	Community Member	Lukas liyambo
Onamundindi	Community Member	Elizabeth Angulah
Onamundindi	Community Member	Ervast Shimpulu
Onamundindi	Community Member	Aksel Shikunda
Onamundindi	Community Member	Lyetushila Niilenge
Onamundindi	Community Member	Simon Konias

Interested and Affected Parties-Telecommunication Tower		
Organisation / Land portion	Title	First Name - Contact Person
Onamundindi	Community Member	Iiyambo Ottirie
Onamundindi	Community Member	Emilia Shetunyenga
Onamundindi	Community Member	Hilma Fanuel
Onamundindi	Community Member	Paulina Welheim
Onamundindi	Community Member	Rosalia Washeya
Onamundindi	Community Member	Elizabeth Lukas
Onamundindi	Community Member	Ally Amoonga
Onamundindi	Community Member	Victoria Hilinganye
Onamundindi	Community Member	Martha Akawa
Onamundindi	Community Member	Suama Sylvanus
Onamundindi	Community Member	Jonas Lukas
Onamundindi	Community Member	Josefina Shivolo
Onamundindi	Community Member	Lahja Shinyemba
Onamundindi	Community Member	Aini Malakia
Onamundindi	Community Member	Juna Kwedhi
Onamundindi	Community Member	Kleopas Shaumbwako
Onamundindi	Community Member	Eli Negumbo
Onamundindi	Community Member	Bilka Nakale
Onamundindi	Community Member	Lysia Namwaapo
Onamundindi	Community Member	Amoonga Ebba
Onamundindi	Community Member	Aili Ipale
Onamundindi	Community Member	Sheehama Justina
Onamundindi	Community Member	Lilya Shivute
Onamundindi	Community Member	Alina Andimba
Onamundindi	Community Member	Sesilia Josef
Onamundindi	Community Member	Eva Nanyuti
Onamundindi	Community Member	Tomas Iithete
Onamundindi	Community Member	Kalolina Namwapo
Onamundindi	Community Member	Tobias Konias
Onamundindi	Community Member	Johanna Athingo
Onamundindi	Community Member	Tomas Wenni
Onamundindi	Community Member	Ruth Iidhuwa
Onamundindi	Community Member	Rika Hangula
Onamundindi	Community Member	Happy Mwanyekange
Onamundindi	Community Member	Loide Iiyambo
Onamundindi	Community Member	Johanna Ashipala
Onamundindi	Community Member	Aune Nikolai
Onamundindi	Community Member	Veronika Eligius
Onamundindi	Community Member	Aili Amufufu
Onamundindi	Community Member	Perpetua Sikongo
Onamundindi	Community Member	Josefina Kashinasha
Onamundindi	Community Member	Teofilus Lwiinga
Onamundindi	Community Member	Jafita Amushila
Onamundindi	Community Member	Daniel Iitenda

APPENDIX D - BACKGROUND INFORMATION DOCUMENT



45 Feld Street, Ausspännplatz, Windhoek, Namibia
PO Box 81808, Windhoek, Namibia
Tel: (+264) 61 248 614 Fax: (+264) 61 238 586 Web: www.gcs-na.biz

BACKGROUND INFORMATION DOCUMENT (BID):

ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION OF TELECOMMUNICATION TOWERS IN OSHANA, //KARAS AND OMUSATI REGION, NAMIBIA

November 2024

Proponent: PowerCom (Pty) Ltd

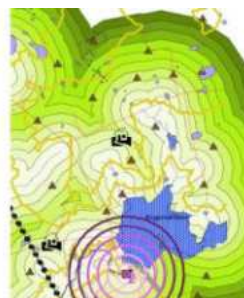


GCS Project Number: 24-0597

ENVIRONMENTAL ASSESSMENT PRACTITIONER: GCS (PTY) LTD

GCS Water Environmental Engineering (Pty) Ltd (GCS) is a fully integrated water, environmental, and earth science consulting services company based in the Republic of South Africa, with offices in Namibia, Botswana, and the Czech Republic. GCS provides a professional consulting service in the fields of environmental, water and earth sciences. GCS has a team of highly trained staff with considerable experience in the fields of environmental and water science.

GCS will act as the Independent Environmental Assessment Practitioner (EAP), as well as the Public Participation Practitioner for this environmental authorisation process.



ABBREVIATIONS	
BID	Background Information Document
CRR	Comments and Response Report
EAP	Environmental Assessment Practitioner
ESIA	Environmental and Social Impact Assessment
EMA	Environmental Management Act (No 7 of 2007)
EMP	Environmental Management Plan
I&AP	Interested and Affected Party
MEFT: DEAF	Ministry of Environment, Forestry and Tourism: Department of Environmental Affairs and Forestry
MHz	Megahertz
PPP	Public Participation Process

1 INTRODUCTION

PowerCom (Pty) Ltd (PowerCom or the proponent hereafter) proposes to erect five telecommunication towers, two in the Oshana Region, two in the //Karas Region, and one in the Omusati Region (**Figure 3**). The proposed project aims to strengthen the coverage for mobile services, inclusive of voice and data services within the subject area.

Under the Environmental Management Act (2007) and its Regulations (2012), an Environmental Assessment (EA) is required for:

10.1 The construction of (g) masts of any material or type and of any height, including those used for telecommunication, broadcasting, and radio transmission.

This Background Information Document (BID) has been compiled by GCS with the following aims:

- To introduce the proposed project and related activities to potential Interested and Affected Parties (I&APs);

- To provide information on the Environmental Impact Assessment and related processes;
- To inform I&APs on how to be involved in the Environmental Impact Assessment process;
- To invite all parties to register as I&APs on the Environmental Impact Assessment database; and
- To provide all I&APs with an opportunity to comment on the proposed project and associated process, including biophysical and socio-economic aspects, as well as any other issues of concern.

2 PROJECT DESCRIPTION

The Proponent proposes to erect five telecommunication towers in Oshana, //Karas and Omusati Region, which aims to strengthen the coverage for mobile services, inclusive of voice and data services within the subject area.

2.1 Need and desirability for the development

Due to the constant growth in the use of mobile communication services in Namibia, the pressure to continuously expand the communications network is increasing. PowerCom identified the need for the new structures, which will provide capacity and improve the coverage in these particular areas. This proposed development will ensure that the quality of the service provided to the telecommunication users in the area is improved.

2.2 Description of Activity

2.2.1 Site Location

The site was selected with the aid of a radio planning tool and as instructed by the shareholder. There is currently poor network coverage at the proposed areas. The proposed site locations are detailed in the table below:

Table 1: Site Locations

Site Name	Site Coordinates	Region
Keetmanshoop Industrial Area	26°35'09.7"S 18°08'09.3"E	Karas
Klein-Aus Vista	26°38'31.8"S 16°12'26.6"E	Karas
Eheke	17°55'49.77"S 15°52'17.88"E	Oshana
Oikango	17°46'37.5"S 15°49'41.3"E	Oshana
Onamundindi	17°45'35.6"S 15°15'07.5"E	Omusati

2.2.2 Site Design

There are different types of structures that can be utilised depending on the requirements. These different types of structures include:

- Palmtree towers are self-supporting structures. These towers are normally between 15-30m in height.

- Lattice towers are self-supporting structures that are generally made out of steel.
- Monopole towers consist of a single tubular mast.
- Guyed towers or lattice structures that has guyed ropes to stabilize it because of its height. These towers are normally between 60-240m in height.



Figure 1: Example of the proposed Lattice Tower
(<https://powercom.na/>)

The sites will be fenced in order to limit public access. The antenna size will differ depending on the frequency used as well as different types of antennae. The main frequencies that will be used is 900, 1800 & 2100 MHz. The proposed towers types and heights are detailed in the table below.

Table 2: Proposed Towers Type and Height

Site Name	Tower Type	Tower Height (m)
Keetmanshoop Industrial Area	3-legged lattice tower	30
Klein-Aus Vista	3-legged lattice tower	80
Eheke	3-legged lattice tower	48
Oikango	3-legged lattice tower	48/80
Onamundindi	3-legged lattice tower	48/80

2.3 Infrastructure and Services

Water will only be used during the construction period, more specifically for the foundation works. The contractor will be responsible for the sourcing of water. Access to the site will be prohibited to anyone except the construction team and PowerCom representatives. 3 Phase 40 Ampere power will be required for the operation of the towers and will be connected to the respective electricity provider's grid.



3 ENVIRONMENTAL ASSESSMENT PROCESS

3.1 Environmental Management Act No. 7 of 2007

The Environmental Management Act (EMA) provides a list of activities, the development or execution of which require an Environmental Clearance Certificate (ECC) from the Ministry of Environment, Forestry and Tourism: Department of Environmental Affairs (MEFT: DEAF) prior to construction. Due to the nature of the proposed project, an ECC will be required prior to project commencement. Accordingly, an Environmental Impact Assessment (EIA) process as per the requirements of EMA: Environmental Impact Assessment Regulations (18 January 2012) must be conducted to inform the ECC decision.

3.2 Environmental Impact Assessment

The EMA defines EIA as a process of identifying, predicting and evaluating the significant effects of activities on the environment, the risks and consequences of activities, alternatives to these activities and options for mitigation of such activities. This is done with a view to minimise negative impacts, maximise benefits and promote compliance with the principles of environmental management. The figure below outlines the EIA process to be undertaken for the proposed project.

Phases of EIA	
APPLICATION PHASE	
Review of project against EMA listed activities to determine the need for an EIA Process	
Compile and submit an ECC application to DEA	
SCOPING PHASE WE ARE HERE	
Identify and consult with Interested and Affected Parties (IAPs) and conduct baseline studies to determine the sensitivity of the receiving environment and population to the proposed project	
Identify potential environmental and social impacts based on the baseline studies and consultation with IAPs	
Determine the Terms of Reference for further study during EIA/EMP (if required).	
Compile Draft Scoping Report and Draft EMP detailing the above process and outcomes, and circulate to IAPs for review and comment.	
Finalise Scoping Report and Draft EMP with IAP review outcomes and submit to DEA for adjudication.	

Figure 3: The EIA Process

3.3 Competent Authority

The competent authority administering the EIA process and deciding on the issue of an ECC is the Ministry of Environment, Forestry and Tourism's Department of Environmental Affairs and Forestry (MEFT: DEAF). As such, the application for an ECC and all reports and documentation associated with the EIA process will be submitted to the MEFT: DEAF.

PURPOSE OF THE ENVIRONMENTAL ASSESSMENT PROCESS

The Environmental Management Act, 2007 (Act No. 7 of 2007), and supporting Environmental Impact Assessment (EIA) Regulation of 18 January 2012, prescribes the processes to be followed when conducting the Environmental Clearance Certificate (ECC) Application and associated Environmental Impact Assessment (EIA) process.

In broad terms, the purpose of the EIA process is to assess the current environment (including the socio-economic and cultural setting) in which a proposed activity will take place and assess all potential impacts.

The process aims to ensure that all relevant factors are considered when evaluating the potential impacts of a project, as well as developing appropriate environmental management measures (in the form of an Environmental Management Plan – EMP) to mitigate these impacts.

The EMP describes the goals and objectives for impact management to minimise or eliminate potential negative impacts; the action plans to bring effect to those goals and objectives; the procedures to be implemented to ensure integration of environmental management into the daily operations; as well as a plan to raise awareness of employees and the surrounding community with regards to environmental management.

4 REGISTRATION OF I&APS AND THEIR COMMENTS/CONCERNS

PUBLIC PARTICIPATION PROCESS

Public involvement is an essential part of any Environmental Assessment process. Interested and Affected Parties (I&APs) include any person or organisation that will be directly or indirectly involved and/or affected by the project.

You have been identified as a potential I&AP who may want to receive information regarding the above-mentioned project and/or provide input into the Environmental Impact Assessment process. To be recognised as an I&AP and to be kept informed of the proposed project and EIA process going forward, one must register with GCS to be added to the Stakeholder Database for the project. You may communicate via fax, email, or telephone to obtain further information or comment on the proposed project.

Registered I&APs will be kept informed of the Public Participation Process throughout the EIA process, will be given the opportunity to review and comment on the EIA reports and documents, will receive feedback on how comments have been taken into account, and will be informed of the outcome of the assessment. All comments will be recorded and presented to the project team and competent authority by means of the Project Comments and Responses Register (CRR).

Attached to this BID is a comment form which you can complete and record any comments you may have with respect to the proposed activity. The contact details of the EAP to whom the comments can be addressed are outlined to the right.

The general public as well as any I&APs are hereby invited to attend the public meeting during which the potential environmental and social impacts of the project will be presented for comments and inputs from the public. The meeting is scheduled to take place as follows:

Keetmanshoop Industrial Area

Date: 15 November 2024

Time: 17h30

Venue: Rem/384, Keetmanshoop

Klein-Aus Vista

Date: 15 November 2024

Time: 10h00

Venue: Aus Settlement Hall

Eheke

Date: 12 November 2024

Time: 11h00

Venue: Ondangwa Rural Constituency Open Hall

Oikango

Date: 12 November 2024

Time: 16h00

Venue: linyati Hall, Oikango (close to project site)

Onamundindi

Date: 11 November 2024


Time: 15h00

Venue: At the project site (close to Onamundindi Parish)

PUBLIC PARTICIPATION - CONTACT DETAILS

Contact Person: Victoria Shikwaya
Tel: +264 61 248 614
Fax: +264 61 238 586
Email: victorias@gcs-na.biz
Postal Address: PO Box 81808
 Windhoek

5 REGISTRATION OF I&APS AND THEIR COMMENTS / CONCERNS

		ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION OF TELECOMMUNICATION TOWERS IN OSHANA, //KARAS AND OMUSATI REGION, NAMIBIA			
		<u>I&AP Comments Form</u>			
Name:				Surname:	
Organisation / interest:					
Postal / Residential address					
		Area:		Code:	
Contact details		Tel:	()		
		Fax:	()		
		Mobile:	()		
		Email:			
Please mark with an X to indicate whether you would like to participate in the process:					
Yes, I would like to participate in this process and receive periodical updates					<input type="checkbox"/>
No, I am not interested in participating and do not wish to receive further information					<input type="checkbox"/>
Preferred method of communication			Email	<input type="checkbox"/>	Fax
				<input type="checkbox"/>	Post
Date commented			(DD / MM / YYYY)		
Please indicate any issues, comments and concerns with regards to the proposed project (feel free to use the additional space or attach additional pages, as required)					
Please indicate in which aspects you would require more information					
Please indicate the contact details of any IAPs whom you think should be contacted					
Name:				Surname:	
Tel:		()		Fax:	
				()	
Mobile:		()			
Email:					
In order to be registered as an IAP for this project, fax, mail, or e-mail the completed registration form before or on 22 November 2024 to:					
<p style="text-align: center;">Contact Person: Victoria Shikwaya Tel: +264 61 248 614 Fax: +264 61 238 586 Email: victorias@gcs-na.biz Postal Address: PO Box 81808, Windhoek</p>					

APPENDIX E - NEWSPAPER ADVERTS

Classifieds

Tel: +264-61-279 632 / 279 646 • Fax: +264-61-22 9206 • email: classifieds@namibian.com.na

DEADLINE: 12H00 - 2 WORKING DAYS PRIOR TO PLACEMENT

INDEX

Personal

- 1210 Anniversaries
- 1220 Weddings
- 1230 Announcements
- 1240 Birthdays Wishes
- 1250 Reunions
- 1260 Graduations
- 1270 Special Messages
- 1280 Thank You Messages
- Valentine's Messages

Business & Finance

- 1410 Opportunities
- 1420 Business for Sale
- 1430 Taxi Licences

Services

- 7420 House & Garden
- 1810 General
- 7440 Communications & Security
- 7450 Lost & Missing
- 7460 Transport Wanted & Offered

Education & Training

- 2610 Education & Training

Employment

- 2710 Wanted
- 2720 Offered

Food & Beverage

- 3210 Food & Beverages

Goods

- 3610 Wanted
- 3630 For Sale
- 3700 Auctions

Health & Beauty

- 3910 Health & Beauty

Hospitality

- 4010 Hospitality
- (See also 'Travel & Tourism')

Housing & Property

- 4110 Wanted
- 4210 For Rent
- 4310 For Sale

Leisure & Entertainment

- 4910 Leisure & Entertainment

Livestock & Pets

- 5010 Livestock & Pets
- 5010 Auctions
- 5010 For Sale
- 5010 Lost & Missing
- 5010 Wanted

Motoring

- 5310 Vehicles Wanted
- 5320 Vehicles for Hire
- 5360 Vehicles for Sale
- 5370 Vehicle Auctions
- 5380 Vehicle Spares & Accessories

Notices

- 5610 Legal
- 5620 Public
- 5630 Tenders
- 5710 Churches
- 5620 Name Change
- 5620 Rezoning

Obituaries

- 6000 In Memoriam
- 6010 Tombstone Unveiling
- 6020 Deaths & Funeral Notices
- 6030 Condolences
- 1270 Thank you messages

Travel & Tourism

- 7800 Travel & Tourism

Rates and Deadlines

DEADLINES: 2024

- ✓ To avoid disappointment of an advertisement not appearing on the date you wish, please book timeously.
- ✓ Classified emails and notices: 12h00, two working days prior to placement.
- ✓ Cancellations and alterations: 16h00, two days before date of publication in writing only.

RATES:

Visit www.namibian.com.na
Please note: ID card / Passport required for advertisement placement

1410 Business & Finance

• Opportunities •

DO YOU URGENTLY NEED CASH?
Get up to 75% of your vehicle's value in 45 min! Just a car! Moooi-laah when you need it! Autocash 061 400 676.

CLAO240003676

Newly 24/7 hour operating hospital in Ondangwa looking for General Practitioner Doctor and Pharmacist whom would like to expand their business to come and set their practices in this Health facility and work independently. Take note: Patients guaranteed. Call 0857815644/ 081662525/ 0833307551

CLAO240003914

1420 Business & Finance

• Business for Sale •

AN OPPORTUNITY NOT TO BE MISSED! Longstanding bottle store for sale in Khomasdal, Visarend Street. Call on 081-1287401 if interested.

CLAO240003920

2720 Employment

• Offered •

Bookings Open For 2025 (UK / USA / Canada / Ireland Healthcare Assistant / Nanny / housekeeper / Caregiver Call +27119726054 / +27784917253 (WhatsApp)
Web: www.careermarketingint.com
Registration fee 3500 Namibian Dollar. Assistance to travel and accommodation offered

CLAO240003899

Ilonga yokuhondjia likutu: Ohatu kongo ovanilonga yokuhondjia okulongila omashina oplatina rgeenge oushishi nawa okuhondjiajudegela nena kongodi 0811235216 wuyue ko lyutya ko Descher Investment: Ouli moVenduka, Katutura po pepi no-incubator Centre, mondjila yakula yadja koshingele shakaKatutura yafinda koHakahana Service.

CLAO240003913

4010 Hospitality

• Hospitality •

Good living Guesthouse. Khomasdal, Luxury Hill. Single bed from N\$300, Double from N\$400 - N\$500. Free Wi-Fi, DSTV, Air-con, swimming pool, secure parking. 0813224973 / 061300721 / 0812972830

CLAO240003917

4210 Housing & Property

• For Rent •

Two bedroom house in Freemondale available for N\$6500 month included. Call 0812410619/0858011922

CLAO240003877

Pionierspark Ext 1: Semi-furnished 1 bedroom garden flat. Available 1 December 2024. N\$5300, includes W&E. Deposit required. Call 081 638 1164.

CLAO240003923

4310 Housing & Property

• For Sale •

For Sale Hakahana: 1 BEDROOM house, open-plan Kitchen, Full Bathroom, big Erf for N\$350 000.00. Contact Mr Orr 081360 1559/081226502. Email: brwnymn@spc.com.na Tel: 061 25 11 89 Our Ref: W/21072

CLAO240003922

5360 Motoring

• Vehicles for Sale •

2.4 GDE 2017 Toyota Fortuner for sale. AIT 170000KM. Price N\$295 000. Call or WhatsApp 0818018993/ 0853018993

CLAO240003915

5610 Notices

• Legal •

NOTICE CONSENT IN TERMS OF TABLE B OF THE WINDHOEK ZONING SCHEME TO USE ERF 8611, HOSEA

5610 Notices

• Legal •

KUTAKO DRIVE, WINDHOEK FOR 'RETAIL/SHOPS' UNDER THE RESTRICTED BUSINESS ZONING DU TOIT TOWN PLANNING CONSULTANTS, are applying on behalf of the owners. Remainder of Erf 8611 (the members of Smith & Smith CC) in terms of the stipulations of the Urban and Regional Planning Act, 2018 (Act No. 5 of 2018), to the Windhoek City Council for:

- Consent in terms of Table B of the Windhoek Zoning Scheme to use Erf 8611, Windhoek for 'retail shops' under the restricted business zoning.
- Erf 8611 is located just off Hosea Kutako Drive in the Southern Industrial area of Windhoek. The erf is wedged between Erf 8612 (Southport building) and Erf 7477 where some offices, shops and flats are located on the erf. The erf is 5187m² in extent and zoned 'restricted business' with a bulk of 2.0. There are a number of buildings on the erf with uses ranging from warehousing/storage to administrative offices and a caretaker flat. The Closwa Blitong shop is also located there as well as Agrigro's office and warehouse with a small section where seeds are sold. Recently, the owners received notice that their tenants cannot renew their fitness certificates due to the absence of necessary consent for retail activities, as outlined in Table B of the Windhoek Town Planning Scheme. Despite the fact that these retail activities have been ongoing for many years, the City has begun enforcing consent applications for retail and general dealer activities on properties zoned as 'restricted business' and 'industrial' within the past year. The purpose of this application is to seek consent under Table B of the Windhoek Zoning Scheme to use the erf for 'retail shop' purposes. Any person objecting to the proposed use of land as set out above may lodge such objection together with the grounds thereof with the City Council (the Urban Planner-Town House, Fifth Floor, Room 516) and the applicant within 14 days of the last publication of this notice (final date for objections is 26th November 2024). Should you require additional information you are welcome to contact our office. Applicant: DU TOIT TOWN PLANNING CONSULTANTS P O Box 6871 AUSAANRANPLATZ, WINDHOEK Tel: 061-248010 Email: planner2@du-toitplan.com

CLAO240003918

PUBLIC NOTICE ENVIRONMENTAL IMPACT ASSESSMENT Stubenauch Planning Consultants (SPC) hereby give notice to all potentially interested and Affected Parties (I&APs) that an application will be made to the Environmental Commissioner in terms of the Environmental Management Act (No 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 of 6 February 2012) for the following:

PROJECT DETAILS: • Operation of a 'Hotel', 'Restaurant', and 'Office' within the Historic Schwernburg Castle on Erf 7270, Windhoek. The proponent (owners) of Erf 7270 Windhoek intends to operate a 'Hotel', 'Restaurant', and 'Office', within the Historic Schwernburg Castle on Erf 7270, Windhoek. It should be noted that the castle that is currently on the property is a Heritage Building, and this will be fully considered by the proposed development, by keeping the castle unaltered, in line with the National Heritage Act 27 of 2004, and it will remain an important feature in the Windhoek skyline. The Proponent: Aloe Investments Number Seventy Five (Pty) Ltd Environmental Assessment Practitioner (EAP): Stubenauch Planning Consultants (SPC) REGISTRATION OF I&APs AND SUBMISSION OF COMMENTS: In line with Namibia's Environmental Management Act (No. 7 of 2007) and EIA regulations (GN 30 of 6 February 2012), all I&APs are hereby invited to register and submit their comments, concerns or questions in writing on or before Wednesday, 27 November 2024. Email: brwnymn@spc.com.na Tel: 061 25 11 89 Our Ref: W/21072

CLAO240003918

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) INVITATION FOR AFFECTED AND INTERESTED PARTIES This notice serves to inform all Interested and Affected Parties that an application for the Environmental Clearance Certificate will be made to the Environmental Commissioner as per the Environmental Management Act (No. 7 of 2007) and the Government Notice No. 30 of 2012 (EIA Regulations) for the following activities:

PROJECT NAME: EIA PROCESS FOR SET UP AND OPERATION OF ACCOMMODATION FACILITY

Proponent: Omulunga Bush Lodge cc. Environmental Consultants: Extra Time Consulting

Public Participation forms an integral part of the EIA process. Therefore, all Interested and Affected Parties (I&APs)

are invited to register. All registered I&APs will receive a Background Information Document (BID) describing the proposed activity and the EIA process to be followed.

To register or to submit your contributions, please contact: clip_image002.jpg P.O. Box 50776, Bachbrecht, Windhoek cell: +264 811474742/ 0812795499 Email: Extratimes24@gmail.com Meeting dates will be shared with all registered I&APs.

CLAO240003867

IN THE HIGH COURT OF NAMIBIA CASE NO. HC-MD-CIV-ACT-CON-2022/04935 IN THE MATTER BETWEEN:- FIRST NATIONAL BANK OF NAMIBIA LIMITED PLAINTIFF AND TUVANGAPI CAROLOLINA POMBI-L KALUJI DEFENDANT NOTICE OF SALE IN EXECUTION OF IMMOVABLE PROPERTY Pursuant to a Judgment of the above Honourable Court granted on 18 April 2023 the following immovable property will be sold without a reserve price and voteholds by the Deputy Sheriff of the District of WALVIS BAY on 19 NOVEMBER 2024 at 12H00 at UNIT 8, CONSISTING OF SECTIONS NO. 11 & 15, HAGIN FLATS, ERF 3010, C/O BRAMWELL AND J/ CLEVERLY STREET, WALVIS BAY.

1. CERTAIN (a) Section No. 11 as shown and more fully described on Sectional Plan No. SS220/1988 in the building or buildings known as HAGIN FLATS, situated at WALVIS BAY, in the Municipality of WALVIS BAY, Registration Division "F", ERONGO Region, of which the floor area, according to the said Sectional Plan is 80 (EIGHTY) square metres in extent; and (b) An undivided share in the common property in the land and building or buildings as shown and more fully described on the Sectional Plan, apportioned to the participation quota of the said section specified in a schedule endorsed on the said Sectional Plan CONSISTING OF MAIN DWELLING

1 x Entrance Hall, 1 x Lounge, 1 x Kitchen, 2 x Bedrooms, 1 x Shower, 1 x Water Closet

2. CERTAIN (a) Section No. 15 as shown and more fully described on Sectional Plan No. SS220/1988 in the building or buildings known as HAGIN FLATS, situated at WALVIS BAY, in the Municipality of WALVIS BAY, Registration Division "F", ERONGO Region, of which the floor area, according to the said Sectional Plan is 15 (FIFTEEN) square metres in extent; and (b) An undivided share in the common property in the land and building or buildings as shown and more fully described on the Sectional Plan, apportioned to the said section in accordance with the participation quota of the said section specified in a schedule endorsed on the said Sectional Plan OUTBUILDING

1 x Out Garage

The "Conditions of Sale-in-Execution" will lie for inspection at the office of the Deputy Sheriff at WALVIS BAY and Plaintiff's Attorneys, Fisher, Quarumby & Pfeiffer, at the undermentioned address. DATED at WINDHOEK this 03RD day of OCTOBER 2024 FISHER, QUARMBY & PFEIFFER LEGAL PRACTITIONERS FOR PLAINTIFF c/o Robert Mugabe Avenue & Thorer Streets entrance on Burg Street P.O. Box 37 WINDHOEK AAH/vz/7067

CLAO240003577

IN THE HIGH COURT OF NAMIBIA MAIN DIVISION CASE NO. HC-MD-CIV-ACT-CON-2023/05150 IN THE MATTER BETWEEN:- K.D. GOLZ EXECUTION CREDITOR AND ERKEN ULRICH DRILLING AND BLASTING CO EXECUTION DEBTOR NOTICE OF SALE IN EXECUTION Pursuant to a Judgment of the above Honourable Court granted on the 03 May 2024, the following good will be sold in execution by public auction on WEDNESDAY the 20 NOVEMBER 2024 at 17h00 at the ERF 92 UNIT 5, MARTIN NEIB AVE, OKA-HANDJA namely: 1. x 1000LT Bower Fuel Trailer TERMS OF SALE: "VOETSTOOTERS AND CASH TO THE HIGHEST BIDDER". DATED at WINDHOEK on this day of OCTOBER 2024 KRÜGER, VAN VUUREN & CO. LEGAL PRACTITIONERS FOR EXECUTION CREDITOR PER: JOHAN VAN VUUREN UNIT 1, FIRST FLOOR SANSUNET BUILDING c/o SAM NUJOMA AND HOSEA KUTAKO DRIVES WINDHOEK KV879

CLAO240003820

IN THE HIGH COURT COURT OF WINDHOEK HELD AT WINDHOEK CASE NO. HC-MD-CIV-ACT-CON-2022/02361 IN THE MATTER BETWEEN:- NEDBANK NAMIBIA LIMITED PLAINTIFF AND ERKEN ULRICH CLOETE 1ST DEFENDANT/ANOTONETTE CLOETE 2ND DEFENDANT NOTICE OF SALE IN EXECUTION Pursuant to a Judgment granted by the

5610 Notices

• Legal •

above Court, the following goods will be sold in execution by a public auction on 29 NOVEMBER 2024 via live webcast starts at 10H00 at 163 RENS-BURGER STREET, LAFRENZ, WINDHOEK namely:

1 X TOYOTA HILUX D/C 2.8 GD 6 RB RAIDER ENGINE 1G00192555

TERMS : CASH to the highest bidder. DATED at WINDHOEK this 24TH OF OCTOBER 2024 FISHER, QUARMBY & PFEIFFER Legal Practitioners for Plaintiff c/o Robert Mugabe Avenue & Thorer Street P.O. Box 37, WINDHOEK (Ref.: SM/yjvb/248950)

CLAO240003836

IN THE HIGH COURT OF NAMIBIA MAIN DIVISION - WINDHOEK CASE NO. HC-MD-CIV-ACT-CON-2022/05410 IN THE MATTER BETWEEN:- BANK WINDHOEK LIMITED EXECUTION CREDITOR AND MARK KERKHOF EXECUTION DEBTOR NOTICE OF SALE IN EXECUTION Pursuant to Judgement of the above Honourable Court granted on 16th day of August 2023, the following immovable property will be sold without reserve and voteholds by the Deputy Sheriff of Outjo, at Erf no. 297(a portion of Erf. 295), Outjo, Namibia on 26th of November 2024, at 10h00, of the undermentioned property. Certain: Erf No 297(A Portion of Erf No 295) Outjo

Situate: In The Municipality of Outjo Registration Division "A" Kunene Region Measuring: 1320 (One Thousand Three Hundred and Twenty) Square Metres Held: Under Deed of Transfer No. T4727/2015 Improvements: Single storey dwelling consisting of lounge, kitchen, 3 bedrooms, one wc and one Bathroom. Outbuildings includes 2 garages and a covered stoep with BBQ.

TERMS 10% of the purchase price and the auctioneers' commission must be paid on the date of the sale. The further terms and conditions of the sale will be read prior to the auction and lie for inspection at the office of the Deputy Sheriff of the Court, Outjo, and at the offices of the Execution Creditor's Attorneys. DATED at WINDHOEK this 17th day of October 2024. DR. WEDER, KAUTA & HOEKA INC. LEGAL PRACTITIONERS FOR THE PLAINTIFF WKH HOUSE, 3rd FLOOR JAN JON ER ROAD AUSSPANPLATZ WINDHOEK (Ref: MAT6368/mvh)

CLAO240003850

IN THE HIGH COURT COURT OF WINDHOEK HELD AT WINDHOEK CASE NO. HC-MD-CIV-ACT-CON-2022/02361 IN THE MATTER BETWEEN:- NEDBANK NAMIBIA LIMITED PLAINTIFF AND ERKEN ULRICH CLOETE 1ST DEFENDANT MOIRA ANTONETTE CLOETE 2ND DEFENDANT NOTICE OF SALE IN EXECUTION Pursuant to a Judgement granted by the above Court, the following goods will be sold in execution by a public auction on 29 NOVEMBER 2024 via live webcast starts at 10H00 at 163 RENSBURGER STREET, LAFRENZ, WINDHOEK, namely: 1 X TOYOTA HILUX D/C 2.8 GD 6 RB RAIDER ENGINE 1G00192555 TERMS : CASH to the highest bidder. DATED at WINDHOEK this 24TH OF OCTOBER 2024 FISHER, QUARMBY & PFEIFFER Legal Practitioners for Plaintiff c/o Robert Mugabe Avenue & Thorer Street P.O. Box 37, WINDHOEK (Ref.: SM/yjvb/248950)

CLAO240003829

IN THE HIGH COURT COURT OF WINDHOEK HELD AT WINDHOEK CASE NO. HC-MD-CIV-ACT-CON-2023/00272 IN THE HIGH COURT OF NAMIBIA MAIN DIVISION - WINDHOEK IN THE MATTER BETWEEN:- FIRST NATIONAL BANK OF NAMIBIA LIMITED PLAINTIFF AND WILHELMINA REGINA MCNAB DEFENDANT NOTICE OF SALE IN EXECUTION In execution of a Judgement of the above Honourable Court in the above action, a sale without reserve will be held by the Deputy-Sheriff, REHOBOTH, at Erf No. Rehoboth F611, Rehoboth, on 20 NOVEMBER 2024, at 11h00, of the undermentioned property:

Certain: Erf No. Rehoboth F611, Rehoboth. Situated in the Town of Rehoboth Registration Division "M", Hardap Region. Measuring: 989 (Nine Eight Nine) square metres Held: by Land Title dated 1 November 1984

PROPERTY DESCRIPTION: Three bedroom dwelling with lounge, kitchen, dining room, two bathrooms, garage, shade net carport and covered patio

TERMS 10% of the purchase price and the auctioneers' commission must be paid on the date of the sale. The further terms and conditions of the sale will be read prior to the auction and lie for inspection at the office of the Deputy-Sheriff, Windhoek and at the offices

of the execution creditor's attorneys. DATED at WINDHOEK this 15TH day of OCTOBER 2024. DR. WEDER KAUTA & HOEKA INC Legal Practitioner for Plaintiff WKH House Jan Jonker Road WINDHOEK REF: MAT87162/CP/vb

CLAO240003697

Memorial & Funeral Service
John11:25-26

Klaudia lituvali Fritz
14 July 1958-1 November 2024

Memorial Service:
Friday 8 November 2024 @ 18h00
ELCRN Exodus1 Congregation,
Nomsoub, Tsumeb

Burial Service:
Saturday 9 November
2024 @ 07h00
From House 56, Leevi
Mwashekele St, Nomsoub,
Tsumeb

Contact:
Madam K
081 122 5999
Macky
081 296 6727
Kadafi
081 291 9778

AA

LOSING CONTROL?

VENUE: WINDHOEK,
19 Luderitz Street, Windhoek

DATE AND TIME:
Mondays & Thursdays
at 18h30

VENUE: SWAKOPMUND,
Roman Catholic Church,
City Centre

DATE AND TIME:
Mondays & Thursdays
at 18h30

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If you want to drink, that's your business.

If you want to stop, that's ours.

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SWAKOPMUND: 081 243 2649
E-MAIL:
aanamibia123@gmail.com

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DEADLINE: 12H00 - 2 WORKING DAYS PRIOR TO PLACEMENT

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DEADLINES: 2024

- ✓ To avoid disappointment of an advertisement not appearing on the date you wish, please book timeously.
- ✓ Classified emails and notices: 12h00, two working days prior to placement.
- ✓ Cancellations and alterations: 16h00, two days before date of publication in writing only.

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Business & Finance

• Opportunities •

DO YOU URGENTLY NEED CASH?
Get up to 75% of your vehicle's value in 45 min! Just a call! Moo-loah when you need it! Autocash 061 400 676.

CLAO240003676

Housing & Property

• For Sale •

Osona Village Development, COMING SOON Plot and Plan
2 Bedroom Modern houses with Modern finishes (Single residential)
3 Bedroom Modern houses Double Storey with Modern finishes
Price Range from: N\$790 000.00
NB: Clients with Bank Pre Approvals and proof of funds available welcome.
Contact Rachel on 0818140941

CLAO240002402

Obituaries

• In Memoriam •



Comrade Rtd Chief Inspector Phillip Shikongo Kalilo
Sunrise: 15 January 1969
Sunset: 12 November 2023

While the grief is still fresh in our hearts, on your first death anniversary, we hope and pray that you are in a better place. A day can't pass without remembering you, Comrade Rtd Chief Inspector Phillip Kalilo.

You were an integral part of our lives and shall always remain so. On this 1st anniversary, we commemorate the life of an extraordinary husband, father, brother, grandfather, cousin, and friend, and celebrate the beautiful life you lived, your memories bring both tears and smiles to our faces.

Though you are no longer here, your love and guidance continue to guide us every day. Your love remains attached to our souls and the enduring impact you've had on us. In the tapestry of life, you were a thread of unwavering love and support.

We love and miss you

CLAO240006802

Notices

• Legal •

IN THE HIGH COURT OF NAMIBIA MAIN DIVISION WINDHOEK CASE NO: HC-MD-CIV-ACT-CON-2024/01687 In the matter between: FIRST NATIONAL BANK NAMIBIA PLAINTIFF and GETRUIDA VARELA 1ST DEFENDANT AMILCAR VARELA 2ND DEFENDANT NOTICE OF SALE IN EXECUTION In execution of an order handed down by the above Honorable Court on the 5th of SEPTEMBER 2024 in the above mentioned case, a judicial sale by public auction of the following will be held by the Deputy Sheriff of Windhoek on the 30th of NOVEMBER 2024 at 10h00 at 10/100, 163 RENSBURGER STREET, LAFREZ, WINDHOEK, REPUBLIC OF NAMIBIA.

List of Goods to be sold:
1. 1x Lounge
2. 1x Delfy Microwave
3. 1x Delfy Fridge
4. 1x Samsung TV
5. 1x TV Unit 6. 1x Dining Table & 6 Chairs DATED at WINDHOEK on this 10th day of OCTOBER 2024 KOEP & PARTNERS LEGAL PRACTITIONERS FOR PLAINTIFF 33 SCHANZEN ROAD WINDHOEK (OD/um/84091/DEB1359)

clao240003650

Notices

• Legal •

IN THE HIGH COURT OF NAMIBIA MAIN DIVISION WINDHOEK CASE NO: HC-MD-CIV-ACT-CON-2024/01687 In the matter between: FIRST NATIONAL BANK NAMIBIA PLAINTIFF and GETRUIDA VARELA 1ST DEFENDANT AMILCAR VARELA 2ND DEFENDANT NOTICE OF SALE IN EXECUTION In execution of an order handed down by the above Honorable Court on the 5th of SEPTEMBER 2024 in the above mentioned case, a judicial sale by public auction of the following will be held by the Deputy Sheriff of Windhoek on the 30th of NOVEMBER 2024 at 09h00, 422, INDEPENDENCE AVENUE, WINDHOEK, REPUBLIC OF NAMIBIA.

List of Goods to be sold:
1. 1x Lounge
2. 1x Delfy Microwave
3. 1x Delfy Fridge
4. 1x Samsung TV
5. 1x TV Unit
6. 1x Dining Table & 6 Chairs DATED at WINDHOEK on this 30th day of OCTOBER 2024 KOEP & PARTNERS LEGAL PRACTITIONERS FOR PLAINTIFF 33 SCHANZEN ROAD WINDHOEK (OD/cs/84091/DEB1359)

CLAO240003886

Case No: HC-MD-CIV-MOT-GEN-2020/00231 IN THE HIGH COURT OF NAMIBIA MAIN DIVISION In the matter between: ROADHART CC 1ST EXECUTION CREDITOR ROADS AUTHORITY OF NAMIBIA 2ND EXECUTION CREDITOR AND WLD CONSTRUCTION AND CIVILS PTY LTD EXECUTION DEBTOR NOTICE OF SALE IN EXECUTION In the Execution of a Judgment granted by the High Court of Namibia and signed by the Registrar of the High Court on the 15th January 2024, the following movable property will be sold on the 19th November 2024 by the Deputy Sheriff of Court at 12h00 at Katima Mulilo Magistrate's Court, Katima Mulilo, of the under-mentioned movable property of the Execution Debtor.

1. 1 x Legend Hilux N216-500W
2. 1 x GWM Silver Bakkie N4588W
3. 1 x Concrete Mixer Industrial 4. 1 x Front End Loader Bell DATED AT WINDHOEK ON THIS 29TH DAY OF OCTOBER 2024, CONRADIE INCORPORATED LEGAL PRACTITIONERS FOR 1ST AND 2ND EXECUTION CREDITORS 7 NEWTON STREET, WINDHOEK.

CLAO240003855

In the matter between: QAU-TILE INVESTMENT T/A QAU-TILE TRACING AND COLLECTIONS (Execution Creditor) And TITUS EVARISTUS (Execution Debtor) Notice is hereby given that the undermentioned property will be sold in execution by public auction: JEEP N54559W. The Goods will be Sold Voeft-stoos to the Highest Bidder at Er 163 Rensburger Street, Lafrenz, Windhoek, Republic of Namibia on the 29th November 2024 at 10:00 am.

CLAO240004000

CASE NO : HC-MD-CIV-ACT-DEL-2023/05089 IN THE HIGH COURT OF NAMIBIA In the matter between: EPIC DISTRIBUTORS (PTY) LTD EXECUTION CREDITOR AND LUKAS NDA-KALAKO FIRST EXECUTION DEBTOR TANYAN TRADING CC SECOND EXECUTION DEBTOR NOTICE OF SALE IN EXECUTION In the EXECUTION of a Judgment granted by the High Court signed by the Registrar of the High Court on 23/09/2024, the following movable property will be sold on 21 November 2024 at 12h00 at Advanced Refrigeration, Main Road, Oshakati :
1 x CNHCT Hino U20 truck with registration number N231-111ND
1 x Iyu forklift
4 x pallets of cement
Various corrugated run sheets
Various sled lip channels
Various material rolls

Notices

• Legal •

Various shows
Various hardware goods
Various pots
Various rolls of wire
Various rolls of fencing
CONDITIONS OF SALE: "VOET-STOOTS"; CASH TO THE HIGHEST BIDDER. DATED AT WINDHOEK this 30th day of OCTOBER 2024. FRANCOIS ERASMUS & PARTNERS LEGAL PRACTITIONERS FOR PLAINTIFF 5 CONRADIE STREET WINDHOEK REF: FPHOL1/1686/ml TO: THE REGISTRAR HIGH COURT OF NAMIBIA WINDHOEK.

Notices

• Legal •

IN THE High Court Of Namibia Main Division Case No. HC-MD-LAB-AA-2023/00043 In the matter between: KEGHU CHRISTINE AND 4 OTHERS Execution Creditor/Plaintiff and ROYAL SECURITY SERVICES-Execution Debtor/Defendant NOTICE OF SALE IN EXECUTION In execution of a Judgement against the above mentioned Execution Debtor/Defendant by the above Honorable Court on 29 SEPTEMBER 2023 above mentioned suit, the undermentioned goods will be sold by public auction by the Deputy Sheriff for the District of Katima Mulilo in front of the

CLAO240004014

IN THE High Court Of Namibia Main Division Case No. 28/2020 In the matter between: Joseph Maria Execution Creditor/Plaintiff and Kamonde Moses Stephanus Execution Debtor/Defendant

Notices

• Public •



NOTICE OF ENVIRONMENTAL ASSESSMENT PROCESS FOR PROPOSED CONSTRUCTION AND OPERATION OF TELECOMMUNICATION TOWERS IN NAMIBIA GCS Water Environmental Engineering Namibia (Pty) Ltd (GCS) hereby give notice to all potentially interested and affected Parties (I&APs) that an application will be made to the Environmental Commissioner in terms of the Environmental Management Act (No 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 of 5 February 2012) for the construction and operation of telecommunication towers in Namibia. The proposed locations of the towers are presented below.

Site Name
• Keetmanshoop Industrial Area- Karas Region
• Klein-Aus Vista- Karas Region
• Ekeke- Oshana Region
• Okango- Oshana Region
• Onamundindi- Onamundi Region

PowerCom (Pty) Ltd (the proponent) proposes to erect five telecommunication towers in Namibia. The towers are proposed to be erected to improve the coverage for mobile services, inclusive of voice and data services within the subject areas. GCS Water Environmental Engineering Namibia (Pty) Ltd (GCS) has been appointed to conduct the process and submit the application to the Environmental Commissioner on behalf of the proponent.

The general public as well as any I&APs are hereby invited to attend the public meeting during which the potential environmental and social impacts of the project will be presented for comments and inputs from the public. The meetings are scheduled to take place as follows:

Keetmanshoop Industrial Area
Venue: Date: 15 November 2024
Time: 17h30
Rem/384, Keetmanshoop
Klein-Aus Vista
Date: 15 November 2024
Time: 10h00
Venue: Aus Settlement Hall
Ekeke
Date: 12 November 2024
Time: 11h00
Venue: Ondangwa Rural Constituency Open Hall
Okango
Date: 12 November 2024
Time: 16h00
Venue: Inyati Hall, Okango (close to project site)
Onamundindi
Date: 11 November 2024
Time: 15h00
Venue: At the project site (close to Onamundindi Parish)
To comment or receive further information on the project, please register with GCS (contact details below) as an I&AP before or on 22 November 2024.
Contact: Victoria Shikwaya
Tel: +264 248 614
Fax: +264 61 238 586
E-mail: victorias@gcs-namibia.biz

Notices

• Legal •

Magistrates Court, Katima Mulilo at 11h00 on 19 November 2024. Voeftstoos to the highest bidder Dated at Rundu 29/08/2024 Representative of the plaintiff: Office of the Labour Commissioner/Rundu Ref: HC-MD-LAB-AA-2023/00043 1X NISSAN, PICK-UP Reg: N237KM, VIN: ADNALGD22R077562, ENGINE: AA20133848X 1X GWM STEED CANOPY, REG: N7090KM, VIN: LGWCA2375JB614537, ENGINE: D170981915 Viewing on 18 NOVEMBER 2024 Contact AUL-DREN for viewing: 0813573385

CLAO240004005

IN THE High Court Of Namibia Main Division Case No. 28/2020 In the matter between: Joseph Maria Execution Creditor/Plaintiff and Kamonde Moses Stephanus Execution Debtor/Defendant

Notices

• Legal •

NOTICE OF SALE IN EXECUTION In execution of a Judgement against the above mentioned Execution Debtor/Defendant by the above Honorable Court on 13 October 2024 above mentioned suit, the undermentioned goods will be sold by public auction by the Deputy Sheriff for the District of Rundu in front of the Magistrates Court, Rundu at 11h00 on 21 November 2024. Voeftstoos to the highest bidder Dated at Rundu 29 August 2024 Representative of the plaintiff: Gciku Community Court Rundu Case no: 28/2020 IPSUM SEAN TOYOTA ISUZU BAKKIE N41814RU VIN NO: XBD205296357A HSE ENGINE NO: 238796 OMEGA PLASMA TV KIC FRIDGE WOODEN TABLE BLACK STOVE

CLAO240004006

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NNN never collapsed nor fainted

On Saturday, I, together with comrades Congo Hindjou and Susan Hikopua, attended the Swapo star rally in Otjiwarongo in the Otjozondjupa region.

As residents of Okahandja, we saw it fit to go and represent our town at the regional level.

Due to the extreme heat engulfing the country, the rally started very late.

The heat was penetrating, as if the sun moved in a downward direction.

Out of excitement to see the Swapo presidential candidate, Netumbo Ndemupelila Nandi-Ndaitwah, those in charge of the programme got carried away, and expanded what was supposed to be a timed event.

The Swapo presidential candidate took to the podium after being introduced by the special gun of the party, Sophia Nahango Shaningwa.

As Her Excellency, Nandi-Ndaitwah, neared the end of her speech, she paused.

The person closest to her at the time, Otjozondjupa governor James Uerikua, moved closer to establish the cause.

Being under a wrong impression – and rightly so, a few people in the white tent moved closer towards her in a protective manner.

The commotion created uneasiness amongst the security details, who insisted that the Vice President (VP) gets into the vehicle.

At this time, the security vehicles were already at the podium.

The VP refused to be whisked away, notwithstanding the pleas from Kaire Mbuende, as she could not see any justification because her life was in no danger.

After that refusal, the VP walked back, took her seat, and enjoyed a sip of water on her own – a conscious act.

When she got to her seat, Shaningwa took to the podium once again. At this stage, the VP stood up and walked back on her own to finish the last part of her speech.

She continued exactly where she left off.

The majority in the stadium were not alarmed.

As stated hereinbefore she returned to the podium without any assistance. After her speech, NNN continued to sit and sing both the national and the party anthems before departing as per the protocol at the end of the rally.

No medical personnel attended to her during and after her speech and/or speculated about her health hitherto.

The only person with medical qualifications who moved towards

the gazebo was Dr Bernard Haufiku, who also kept a distance from the VP, as she was in no danger to be assisted. During all this, the VP remained on her feet.

Her Excellency Nandi-Ndaitwah never collapsed or fainted.

One wonders why there are misleading headlines and social media frenzy.

I knew from the beginning that the heat and the fact that the two translators surrounded her, coupled with the wind, that she would feel irritated.

No one who was at the rally or those who, due to their love for the VP, rushed to the gazebo, will confirm the headlines and the social media frenzies.

It was hot, and some of us complained of a stadium that was not watered, and about the long translations.

If the VP collapsed or fainted, she would not have remained standing and walking back by herself to her seat – and again to the podium.

I am yet to witness someone who faints vertically.

Had she collapsed or fainted, the security details would have whisked her away.

Fainting is defined as a process of becoming unconscious, or 'blacking out' for a brief period.

On the other hand, Cambridge dictionary defines collapsing as a process of falling due to sickness or weakness.

When you collapse, you may become unconscious for a short while and fall to the ground, and not respond to sounds, or be shaking.

This never happened with the VP.

Her Excellency Nandi-Ndaitwah never collapsed nor fainted; thus, her annoyance or irritation at that moment is not worth the speculations and writing home about. NNN is in good spirits, healthy and even stronger after having celebrated her birthday with family and friends.

She is ready for the Zambezi region, despite her age and the heat.

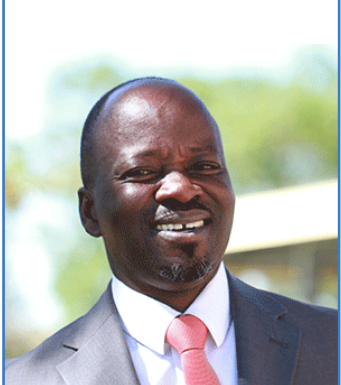
Whatever the season and political reward of the current season, we dare not cease to be humans.

At a time when we needed ethical leadership, she stepped forward to lead.

Come 27 November 2024, let us allow her to lead.

***Joshua Razikua Kaumbi holds a Bachelor of Arts in Political Science and Sociology (University of Namibia) and an LLB (Stellenbosch University). He is an admitted legal practitioner.**

Joshua Razikua Kaumbi



Namibia's high NNN expectations

Netumbo Nandi-Ndaitwah is on her way to State House to make history as Namibia's first female president.

She is a mobile library of the institutional knowledge of Swapo and the government. She is leader at heart, and an ideal candidate for the 2024 election.

She has cut her teeth in the political space for over four decades now, and has demonstrated unwavering dedication to her country and its people.

Born on 29 October 1952 in Onamutai, northern Namibia, she joined Swapo's diplomatic efforts at a tender age in 1974.

She later became the party's deputy representative in Zambia.

She was at the battlefront, and showed unwavering commitment to the liberation struggle.

She was very active in the women's empowerment desk, where she remained 'thought leadership', shaping Namibia's sustainable development programme – for which she has won awards.

With her versatile range of experience, Namibia has much to expect from her leadership.

As a seasoned diplomat, she has served as minister of International Relations and Cooperation since 2012, adeptly navigating the complexities of global relations.

Her commitment to environmental stewardship was evident during her tenure as minister of Environment and Tourism from 2010 to 2012, where she championed conservation efforts and sustainable tourism.

Additionally, her dedication to gender equity and women's empowerment is exemplified by her role as director general of Women Affairs from 1996 to 2000, where she tirelessly advocated for gender equality and social welfare.

Namibia has a unique window of opportunity through her leadership to enhance international cooperation and address the historical abuses inflicted by Germany and South Africa, helping to heal old wounds.

Her extensive diplomatic experience positions her to foster stronger relationships within the region and across the global community.

She brings a clear agenda focused on economic growth, prioritising sustainable development

and environmental conservation to fuel progress.

A critical aspect of her approach will be dismantling colonial-era barriers, promoting the free movement of goods – such as beef, fruits and vegetables – between the northern and southern regions, breaking the legacy left by colonial capitalism.

Research suggests that female leaders are often associated with huge gains in areas of healthcare, education and social welfare.

These are foundations of a healthy society.

A mother, Her Excellency Nandi-Ndaitwah, is empathetic and nurturing.

Like a hen, she will keep her chicks under her wings.

Namibia has crossed the line, and farmers of thought celebrate a mother president to an increased representation and gender equity.

She joins the list showcasing Africa's progressive policies and confidence in women leadership ahead of America and other first world countries.

Sylvie Kinigi served as the first female acting president of Burundi from February to October 1993, making her the first female president in Africa.

Ivy Matsepe-Casaburri served as acting president of

South Africa for a brief period in 2005 and for 14 hours in 2008.

Ellen Johnson Sirleaf became Africa's first elected female president, leading Liberia from 2006 to 2018.

Rose Francine Rogombé served as interim president of Gabon from June to October 2009.

Agnes Monique Ohsan Bellepeau was acting president of Mauritius from March to July 2012, and from May to June 2015.

Joyce Hilda Banda served as president of Malawi from 2012 to 2014.

Catherine Samba-Panza was acting president of the Central African Republic from 2014 to 2016.

Ameenah Gurib-Fakim served as president of Mauritius from 2015 to 2018.

Sahle-Work Zewde has served as president of Ethiopia since October 2018.

Samia Suluhu Hassan has been president of Tanzania since April 2021.

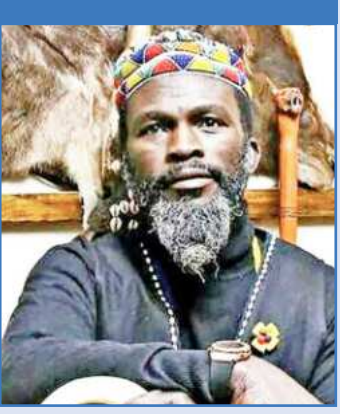
Farmers of thought congratulate Namibia in advance to show confidence in entrusting the nation to a mother.

This encourages the girl child to dream and pave a way for future generations of female leaders in Africa.

I am the watcher from the future, living with you in the present, with solutions from the past.

***Maponga jiii Marara Chigaramboko Changa Mbire Svovse Dzimbabgwe Afrika.**

Josua Maponga



NOTICE OF ENVIRONMENTAL ASSESSMENT PROCESS FOR PROPOSED CONSTRUCTION AND OPERATION OF TELECOMMUNICATION TOWERS IN NAMIBIA

GCS Water Environmental Engineering Namibia (Pty) Ltd (GCS) hereby give notice to all potentially Interested and Affected Parties (I&APs) that an application will be made to the Environmental Commissioner in terms of the Environmental Management Act (No 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 of 6 February 2012) for the construction and operation of telecommunication towers in Namibia. The proposed locations of the towers are presented below.

Site Name	Site Coordinates	Region
Keetmanshoop Industrial Area	26°35'09.7"S 18°08'09.3"E	Karas
Klein-Aus Vista	26°38'31.8"S 16°12'26.6"E	Karas
Eheke	17°55'49.77"S 15°52'17.88"E	Oshana
Oikango	17°46'37.5"S 15°49'41.3"E	Oshana
Onamundindi	17°45'35.6"S 15°15'07.5"E	Omusati

PowerCom (Pty) Ltd (the proponent) proposes to erect five telecommunication towers in Namibia. The towers are proposed to be erected to improve the coverage for mobile services, inclusive of voice and data services within the subject areas. GCS Water Environmental Engineering Namibia (Pty) Ltd (GCS) has been appointed to conduct the process and submit the application to the Environmental Commissioner on behalf of the proponent.

The general public as well as any I&APs are hereby invited to attend the public meeting during which the potential environmental and social impacts of the project will be presented for comments and inputs from the public. The meetings are scheduled to take place as follows:

Keetmanshoop Industrial Area Date: 15 November 2024 Time: 17h30 Venue: Rem/384, Keetmanshoop	Klein-Aus Vista Date: 15 November 2024 Time: 10h00 Venue: Aus Settlement Hall
Eheke Date: 12 November 2024 Time: 11h00 Venue: Ondangwa Rural Constituency Open Hall	Oikango Date: 12 November 2024 Time: 16h00 Venue: linyati Hall, Oikango (close to project site)
Onamundindi Date: 11 November 2024 Time: 15h00 Venue: At the project site (close to Onamundindi Parish)	

To comment or receive further information on the project, please register with GCS (contact details below) as an I&AP before or on **21 November 2024**.

Contact: Victoria Shikwaya
Tel: +264 248 614, Fax: +264 61 238 586
E-mail: victorias@gcs-na.biz



CLASSIFIEDS

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Fax: (061) 220 584

Job Wanted:
35 yrs looking for a job as a driving instructor in a driving school

I'm 26 years old
looking for job except baby sitng

Notice

Legal Notice

PUBLIC NOTICE ENVIRONMENTAL IMPACT ASSESSMENT

Notice is hereby given to all interested and Affected Parties (I & APs) that **Nghivella Planning Consultants (Environmental Consultants)** intends to apply to the **Environmental Commissioner** for the Environmental Clearance in terms of the Environmental Management Act (No. 7 of 2007) and Environmental Impact Assessment Regulations (GN No. 30 of 6 February 2012) for the following intended activities:

- Rezoning of Portion A of Erf 1182, Omatando Extension 4 from "General Residential" with a density of 1:100 to "Business" with a bulk of 1.0; and
- Rezoning of Erven 5687-5733, Ongwediva Extension 13 from "Single Residential" with a density of 1:600 to "Business" with a bulk of 2.0.

Location: Ongwediva Town, Ongwediva Urban Constituency, Oshana Region.
Proponent: Ongwediva Town Council
All I&APs are encouraged to register and raise concerns or provide comments and opinions with the consultant. All I&APs will be provided with a Background Information Document (BID) comprising of detailed information for the intended activity. Should you wish to register as an I&AP and receive BID, please contact the applicant on contact information provided at the end of the notice. The due date for submission of comments is **22nd November 2024**.

Applicant:
Nghivella Planning Consultants,
P O Box 40900, Ausspannplatz
Email: planning@nghivella.com.na
Tel: 085 3232 230 / 081 4127 359



PUBLIC NOTICE REZONING OF LAND

Notice is hereby given that **Nghivella Planning Consultants (Town and Regional Planners)** on behalf of the owners of Erven 1182, Omatando Extension 4 and 5687-5733, Ongwediva Extension 13, has applied to the **Ongwediva Town Council** and intends applying to the **Urban and Regional Planning Board** for the:

- Rezoning of Portion A of Erf 1182, Omatando Extension 4 from "General Residential" with a density of 1:100 to "Business" with a bulk of 1.0; and
- Rezoning of Erven 5687-5733, Ongwediva Extension 13 from "Single Residential" with a density of 1:600 to "Business" with a bulk of 2.0.

The intention for the owners to rezone the property is to allow for the re-alignment of Erf 1182 boundaries and for the conversion of Erven 5687-5733 from residential to commercial properties. The locality plans of the Erven lie for inspection on the town planning notice board of the Ongwediva Town Council: Ground Floor, Town Planning Office, Libertine Amathila Street, Ongwediva and the Applicant: 141, Werner List Street, Windhoek.

Any person objecting to the proposed use of the land as set out above may lodge such objection together with the grounds thereof, with the **Ongwediva Town Council** and with the applicant (**Nghivella Planning Consultants**) in writing within **14 days** of the last publication of this notice. The last date for any objections is: **13th December 2024**

Applicant:
Nghivella Planning Consultants
P O Box 40900, Ausspannplatz
Email: planning@nghivella.com.na
Cell : 081 4127 359



PUBLIC NOTICE REZONING OF LAND

Notice is hereby given that **Nghivella Planning Consultants (Town and Regional Planners)** on behalf of the owners of Erven 2031 and 2034, Ekuku Extension 7, has applied to the **Oshakati Town Council** and intends applying to the **Urban and Regional Planning Board** for the:

- Rezoning of Erven 2031 and 2034, Ekuku Extension 7 from "Single Residential" with a density of 1:300 to "Accommodation" with a bulk of 1.0.

The intention for the owners to rezone the erven is to allow for the formalization and extension of a Guest House already constructed on the properties. The locality plans of the Erven lie for inspection on the town planning notice board of the **Oshakati Town Council**: First Floor, Town Planning Office, Sam Nujoma Road, Oshakati and the Applicant: 141, Werner List Street, Windhoek.

Any person objecting to the proposed use of the land as set out above may lodge such objection together with the grounds thereof, with the **Oshakati Town Council** and with the applicant (**Nghivella Planning Consultants**) in writing within **14 days** of the last publication of this notice. The last date for any objections is: **13th December 2024**

Applicant:
Nghivella Planning Consultants,
P O Box 40900, Ausspannplatz
Email: planning@nghivella.com.na
Cell : 081 4127 359



Notice

Legal Notice

PUBLIC NOTICE REZONING OF LAND

Notice is hereby given that **Nghivella Planning Consultants (Town and Regional Planners)** on behalf of the owners of Erf , 4052 Oshakati Extension 16, has applied to the **Oshakati Town Council** and intends applying to the **Urban and Regional Planning Board** for the:

- Rezoning of Erf 4052, Oshakati
- Extension 16 from "Single Residential" with a density of 1:700 to "Accommodation" with a bulk of 1.0.

The intention for the owners to rezone the property is to allow for the establishment of a Guest House with 10 rooms to be constructed on the property. The locality plans of the Erf lie for inspection on the town planning notice board of the Oshakati Town Council: First Floor, Town Planning Office, Sam Nujoma Road, Oshakati and the Applicant: 141, Werner List Street, Windhoek.

Any person objecting to the proposed use of the land as set out above may lodge such objection together with the grounds thereof, with the **Oshakati Town Council** and with the applicant (**Nghivella Planning Consultants**) in writing within **14 days** of the last publication of this notice. The last date for any objections is: **13th December 2024**

Applicant:
Nghivella Planning Consultants
P O Box 40900, Ausspannplatz
Email: planning@nghivella.com.na
Cell : 081 4127 359



PUBLIC NOTICE REZONING OF LAND

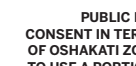
Notice is hereby given that **Nghivella Planning Consultants (Town and Regional Planners)** on behalf of the owners of Erf , 2471, Ondangwa Extension 8, has applied to the **Ondangwa Town Council** and intends applying to the **Urban and Regional Planning Board** for the:

- Rezoning of Erf 2471, Ondangwa Extension 8 from "Industrial" with a bulk of 1.5 to "Institutional".

The intention for the owners to rezone the property is to allow for the establishment of a Private Hospital on the rezoned property. The locality plans of the Erf lie for inspection on the town planning notice board of the Ondangwa Town Council: Ground Floor, Town Planning Office, Main Road, Ondangwa and the Applicant: 141, Werner List Street, Windhoek.

Any person objecting to the proposed use of the land as set out above may lodge such objection together with the grounds thereof, with the **Ondangwa Town Council** and with the applicant (**Nghivella Planning Consultants**) in writing within **14 days** of the last publication of this notice. The last date for any objections is: **13th December 2024**

Applicant:
Nghivella Planning Consultants
P O Box 40900, Ausspannplatz
Email: planning@nghivella.com.na
Cell : 081 4127 359



PUBLIC NOTICE CONSENT IN TERMS OF TABLE A OF OSHAKATI ZONING SCHEME TO USE A PORTION OF ERF 1611, OSHAKATI EXTENSION 7 FOR THE CONSTRUCTION OF A "DWELLING HOUSE" AND RESIDENTIAL BUILDINGS UNDER THE "BUSINESS" ZONING

Nghivella Planning Consultants (Town and Regional Planners) on behalf of the owners of Erf , 1611, Oshakati Extension 7, intends to apply to the **Oshakati Town Council** for the:

- Consent in terms of Table A of Oshakati Zoning Scheme to use a portion of Erf 1611, Oshakati Extension 7 for the construction of a "Dwelling House" and residential buildings under the "Business" zoning.

Erf 1611, is situated in Oshakati Extension 7, along the C46 Main Road. The Erf currently measure 7,0500m² in extent. The intention for the owners to apply for consent is to allow for the construction of dwelling house and additional residential buildings on a portion of the property. The locality plans of the Erf lie for inspection on the town planning notice board of the Oshakati Town Council: First Floor, Town Planning Office, Sam Nujoma Road, Oshakati and the Applicant: 141, Werner List Street, Windhoek.

Any person objecting to the proposed use of the land as set out above may lodge such objection together with the grounds thereof, with the **Oshakati Town Council** and with the applicant (**Nghivella Planning Consultants**) in writing within **14 days** of the last publication of this notice. The last date for any objections is: **29th November 2024**

Applicant:
Nghivella Planning Consultants
P O Box 40900, Ausspannplatz
Email: planning@nghivella.com.na
Cell : 081 4127 359



Notice

Legal Notice

PUBLIC NOTICE REZONING OF LAND

NOTICE OF ENVIRONMENTAL ASSESSMENT PROCESS FOR PROPOSED CONSTRUCTION AND OPERATION OF TELECOMMUNICATION TOWERS IN NAMIBIA

GCS Water Environmental Engineering Namibia (Pty) Ltd (GCS) hereby give notice to all potentially Interested and Affected Parties (I&APs) that an application will be made to the Environmental Commissioner in terms of the Environmental Management Act (No 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 of 6 February 2012) for the construction and operation of telecommunication towers in Namibia. The proposed locations of the towers are presented below.

Site Name	Site Coordinates	Region
Keetmanshoop Industrial Area	26°35'09.7"S 18°08'09.3"E	Karas
Klein-Aus Vista	26°38'31.8"S 16°12'26.6"E	Karas
Eheke	17°55'49.77"S 15°52'17.88"E	Oshana
Oikango	17°46'37.5"S 15°49'41.3"E	Oshana
Onamundindi	17°45'35.6"S 15°15'07.5"E	Omudati

PowerCom (Pty) Ltd (the proponent) proposes to erect five telecommunication towers in Namibia. The towers are proposed to be erected to improve the coverage for mobile services, inclusive of voice and data services within the subject areas. GCS Water Environmental Engineering Namibia (Pty) Ltd (GCS) has been appointed to conduct the process and submit the application to the Environmental Commissioner on behalf of the proponent. The general public as well as any I&APs are hereby invited to attend the public meeting during which the potential environmental and social impacts of the project will be presented for comments and inputs from the public. The meetings are scheduled to take place as follows:

Keetmanshoop Industrial Area
Date: 12 November 2024
Time: 17h30
Venue: Rem/384, Keetmanshoop

Eheke
Date: 12 November 2024
Time: 11h00
Venue: Ondangwa Rural Constituency Open Hall

Onamundindi
Date: 11 November 2024
Time: 15h00
Venue: At the project site (close to Onamundindi Parish)

To comment or receive further information on the project, please register with GCS (contact details below) as an I&AP before or on **21 November 2024**.

Contact: Victoria Shikwaya
Tel: +264 248 614
Fax: +264 61 238 586
E-mail: victorias@gcs-na.biz



CHANGE OF SURNAME • THE ALIENS ACT, 1937 NOTICE OF INTENTION OF CHANGE OF SURNAME

I, (1) **ERASMUS NDOVE** residing at **EENHANA ERF 413** carrying on business / employed a (2) **FISHERMAN** intend applying to the Minister of Home Affairs for authority under section 9 of the Aliens Act, 1937, to assume **NDEIKOYELE** for the reasons that (3) **ALL MY BROTHERS, SISTERS AND CHILDREN ARE USING NDEIKOYELE AS THEIR SURNAME. I AM THE ONLY ONE USING NDOVE AS MY SURNAME. I STRONGLY BELIEVE IT WILL AFFECT THEM IN THE FUTURE (WRITING OF THE WILL).** I previously bore the name(s) (4) **ERASMUS NDOVE**. I intend also applying for authority to change the surname of my wife and a minor child(ren) (5) **N/A**. Any person who objects to my/our assumption of the said surname of **ERASMUS NDEIKOYELE** should as soon as may be lodge his/her objection, in writing, with a statement of his/her reasons therefore, with the magistrate of **WINDHOEK MAGISTRATE COURT**, on or before **15th November 2024**.

NOTICE TO CREDITORS IN DECEASED ESTATES

All persons having claims against the estates specified below, are called upon to lodge their claims with the executor concerned within a period of 30 days (or otherwise as indicated) from the date of publication hereof. Please type Registered number of Estate: **E 1626/2024**

Master's Office: WINDHOEK
Surname: **Diamond**
First Names: **Robert Paul**
Date of Birth: **1985-03-19**
Identity Number: **850319 10666**
Last Address: **Okahandja**
Date of Death: **30th September 2024**
First Names and Surnames of Surviving Spouse: **Theopoldine M. Musambani**
Complete only if deceased was married in community of property
Date of Birth: **1990-07-16**
Identity Number: **900716 00126**

Name and (only one) address of executor or authorized agent:
MAGNA VENARI TRUST
P.O. BOX 868, OKAHANDJA
Period allowed for lodgement of claims if other than 30 days
Name and (only one) address of executor or authorized agent:
MAGNA VENARI TRUST
P.O. BOX 868, OKAHANDJA
Date: **08th November 2024**
Tel No.: **081 868 0463**
Notice for publication in the Government Gazette on: **08th NOVEMBER 2022**

We are at the SPCA – please take us home!

Job Wanted:
35 yrs looking for a job as a driving instructor in a driving school

Notice
cc. Contact me at 0818669849.

Legal Notice

Standard Notice:

Three Story Dwelling Unit, take notice that the owner, **Mr. Shikwa Nyambe**, of **ERF 715** intends applying to the **Windhoek Municipal Council** for the construction of a three-story dwelling unit on **ERF 715, Torra Street, Kleine Kuppe, Hotel**. The proposed construction will allow the owner to erect a three-story dwelling unit on **ERF 715**. The owner's current intentions are to erect and use the building solely for private residential purposes. Any other take notice that the plan of the ERF lies with the Town Planning notice board in the **Windhoek** Centre, Main Municipal Offices, Rev. Michael **Spies** at **Windhoek**. Further take notice that any person objecting to the proposed use of the land as set out above may lodge such objection together with the grounds thereof, with the City of Windhoek, fifth floor, office 524 and with the applicant/consultant in writing within 14 working days of the last publication of this notice. Dated at **Windhoek**: 30 October 2024. (date of first publication)

Last date for any objection is **24 November 2024**

Owner name:
Mr. Shikwa Nyambe
Contact details: 081 149 9585

NOTICE OF INTENTION TO APPLY FOR ELECTRICAL CONTRACTOR'S (Electrical Wiring) LICENCE

TULANGI NGULOFI of (address) **UNID INVESTMENTS CC, PO BOX 1548 SWAKOPMUND** hereby give notice of my intention to apply to the **CITY OF WINDHOEK**, for a License in terms of paragraph 57 Part 1 of the Electricity Supply Regulations.

I am a qualified electrician with just and valid objection to the issue of such license upon to lodge such objection, in writing on or before **15th November 2024** (a date at least seven days from the date of the last publication of this notice) with the Strategic Executive: Electricity, PO Box 5011, **Windhoek**. Signed: Applicant **05/11/2024**

Notice of Lost Land Title No. 902
Notice is hereby given that **W. V T VAN WYK ATTORNEYS**, intend to apply for a certified copy of: **CERTAIN:**
Portion 1 of the Farm No. 902 Commra Nil Nil One Six) Hectares **SITUATE IN:** The Registration Division "M" Hardap Region **DATED:** 21 October 2003 **THE PROPERTY OF:** Jacobus Cloete and Lergie Cloete

All persons who object to the issue of such copy are hereby required to lodge their objections with the Registrar within three (3) weeks from the last publication of this notice. Dated at Rehoboth on this 4th day of **November 2024**

NOTICE OF LOST LAND TITLE NO. 902
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Job Wanted:
35 yrs looking for a job as a driving instructor in a driving school

Notice
cc. Contact me at 0818669849.

Legal Notice

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Last date for any objection is **24 November 2024**

Owner name:
Mr. Shikwa Nyambe
Contact details: 081 149 9585

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I am a qualified electrician with just and valid objection to the issue of such license upon to lodge such objection, in writing on or before **15th November 2024** (a date at least seven days from the date of the last publication of this notice) with the Strategic Executive: Electricity, PO Box 5011, **Windhoek**. Signed: Applicant **05/11/2024**

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APPENDIX F - NOTIFICATION EMAILS AND LETTERS

Victoria Shikwaya

From: Ndesihafela Lucia Neliwa
Sent: Friday, 1 November 2024 2:01 pm
Subject: APPLICATION FOR ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION OF TELECOMMUNICATION TOWERS IN THE OSHANA, //KARAS AND OMUSATI REGIONS, NAMIBIA
Attachments: 24-0597 _PowerCom BID.pdf

Dear Potential Interested and Affected Party

GCS Water Environmental Engineering Namibia (Pty) Ltd (GCS) hereby give notice to all potentially Interested and Affected Parties (I&APs) that an application will be made to the Environmental Commissioner in terms of the Environmental Management Act (No 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 of 6 February 2012) for the below.

- **Construction of a Telecommunication Tower in Keetmanshoop Industrial Area, Keetmanshoop, //Karas Region.**
- **Construction of a Telecommunication Tower in Klein-Aus Vista, Aus, //Karas Region.**
- **Construction of a Telecommunication Tower in Eheke, Oshana Region.**
- **Construction of a Telecommunication Tower in Oikango, Oshana Region.**
- **Construction of a Telecommunication Tower in Onamundindi, Omusati Region.**

GCS has been appointed by PowerCom (Pty) Ltd to conduct the Environmental Impact Assessments (EIAs) and submit the required reports to the Environmental Commissioner as part of an application to apply for the Environmental Clearance Certificates (ECCs) in accordance with the Environmental Management Act (7 of 2007) and its 2012 Regulations.

Public consultation forms part of the EIA process. As part of the public consultation process, you have been identified as a potential interested and affected party with respect to the proposed activity, which is why you are receiving this email.

Furthermore, public meetings are scheduled to be held to provide more information regarding the proposed activities and to allow Interested and Affected Parties (I&APs) an opportunity to comment on the proposed activities. The public meetings are scheduled to be held as follows:

Keetmanshoop Industrial Area

Date: 15 November 2024

Time: 17h30

Venue: Rem/384, Keetmanshoop

Klein-Aus Vista

Date: 15 November 2024

Time: 10h00

Venue: Aus Settlement Hall

Eheke**Date:** 12 November 2024**Time:** 11h00**Venue:** Ondangwa Rural Constituency Open Hall**Oikango****Date:** 12 November 2024**Time:** 16h00**Venue:** linyati Hall, Oikango (close to project site)**Onamundindi****Date:** 11 November 2024**Time:** 15h00**Venue:** At the project site (close to Onamundindi Parish)

Should you wish to send us any potential issues or comments that you would like to be considered as part of the impact assessment process and addressed in the scoping report, please send us your inputs before the end of business on **Friday, 22 November 2024**.

Once the scoping stage is completed, GCS will provide you with access to the draft scoping report, for your review, and you will have another opportunity to submit comments based on your review.

Please do not hesitate to contact us should you have any questions regarding the proposed activity and its EIA process.

Kind regards,

APPENDIX G - PROOF OF SITE NOTICES

PUBLIC NOTICE

ENVIRONMENTAL ASSESSMENT PROCESS FOR THE PROPOSED CONSTRUCTION OF A TELECOMMUNICATION TOWER IN ONAMUNDINDI, OMUSATI REGION

PowerCom (Pty) Ltd (the proponent) proposes to erect a telecommunication tower in Onamundindi, Omusati Region. The location of the proposed site is indicated below.



Site Name	Onamundindi
GPS Coordinates	17°45'35.6"S 15°15'07.5"E
Local Authority	Ogongo Constituency Council
Region	Omusati

GCS Water Environmental Engineering Namibia (Pty) Ltd (GCS) hereby give notice to all potentially Interested and Affected Parties (I&APs) that an application will be made to the Environmental Commissioner in terms of the Environmental Management Act (No 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 of 6 February 2012) for the proposed activity.

You are hereby invited to attend a public meeting to be held as follows:

Date: 11 November 2024

Time: 15H00

Venue: Project site (close to Onamundindi Parish)

Please register via fax or e-mail as an I&AP to receive further information or to comment on the proposed project. All comments and registrations should reach us by Friday, 22 November 2024.

Contact: Victoria Shikwaya

Tel: +264 61 248 614

E-mail: victorias@gcs-na.biz



**APPENDIX H - PUBLIC MEETING PRESENTATION
PUBLIC MEETING MINUTES
PUBLIC MEETING ATTANDECE LIST**




Environmental Assessment for the Proposed Construction
of a Telecommunication Tower in Onamundindi, Omusati
Region

Public Meeting: Onamundindi

PowerCom (PTY) LTD

11 November 2024

1

Agenda

- Welcome and introduction
- Background
- Purpose of the meeting
- Legislative process
- Public Participation Process
- The proposed development
- The way forward
- How you can get involved
- Questions/Answers



2

Background

PowerCom (Pty) Ltd (PowerCom or the proponent hereafter) proposes to erect a telecommunication tower in Onamundindi, Omusati region.

The proposed project aims to strengthen the coverage for mobile services, inclusive of voice and data services within the subject areas.

GCS Water Environmental Engineering Namibia (Pty) Ltd (GCS) has been appointed to conduct the process and submit the application to the Environmental Commissioner on behalf of the proponent.



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Purpose of the meeting

- To explain the Environmental Assessment Process.
- To provide information on the proposed development.
- To identify potential issues and concerns from the public in terms of:
 - Environmental;
 - Social;
 - Cultural; and
 - Economic.



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Legal Requirements

Environmental Management Act No 7 of 2007 and Environmental Impact Assessment Regulations (Government Notice No 30 of 2012)

The following project activities trigger the need for an EIA in Namibia:

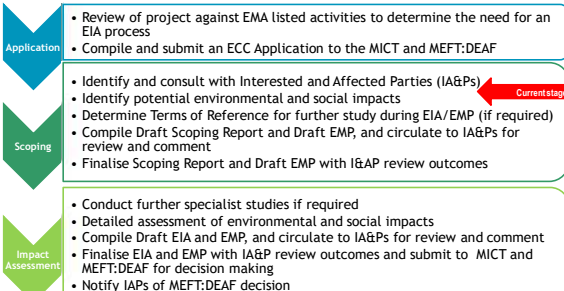
10.1 (g) The construction of masts of any material or type and of any height, including those used for telecommunication, broadcasting, and radio transmission.



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Environmental Impact Assessment Process



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Rationale for Environmental Impact Assessment

To identify potential negative and positive impacts (social, economic, cultural & biophysical) and to determine their likely significance

Assess alternative ways of undertaking the project such that negative impact are avoided or managed, and positive impacts enhanced

To allow for public involvement

To inform the proponents decision-making

To inform the Environmental Authority's decision-making (Ministry of Environment, Forestry and Tourism: Department of Environmental Affairs and Forestry, MEFT:DEAF)



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Public Participation Process

Advertisements: 01 November 2024 and 08 November 2024 in the New Era and the Namibian newspapers

Written notice and Background Information Document (BID) to pre-identified Interested and Affected Parties via email and/or registered mail.

Notice displayed on site.

Public meeting in Onamundindi.



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The proposed development: Need and Desirability

- Constant growth in use of mobile communication services
- Increasing need to expand the communications network
- Proposed structure aims to:
 - Provide capacity
 - Increase coverage
 - Improve quality of service



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The proposed development: Site Location



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The proposed development: Site Design

- 48/80-meter-high network tower
- Site fenced to limit access

Network Structure Type	3-legged lattice tower
Erf number	N/A
Height	48/80 meters



Figure 1: Example of Lattice Network Tower erected by PowerCom



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Potential Impacts

- **Telecommunications convenience:** Local mobile users will have improved infrastructure that will address problems with network coverage.
- **Disturbance:** During site establishment, the presence of the construction team may cause temporary disturbance to the direct neighbours.
- **Health and Safety issues:** Electromagnetic Radiation emitted from the antennae of cellular structures may affect human health. The study will assess whether the design standards applied will comply with the International Commission on Non-Ionizing Radiation Protection (ICNIRP) Guidelines on Limiting Exposure to Electromagnetic Fields and the National Radiation Protection Authority of Namibia recommendations.

More potential impacts of the proposed activity will be identified upon consultations with the public and further research on the area.



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The Way Forward

Scoping Phase:

- 1st comment phase: from **01 November 2024** - **22 November 2024**
- 2nd comment phase: Draft Scoping Report will be made available to all registered IAPs for review and comment for 14-day period.
- Preparation and Submission of Final Scoping Report to Ministry of Environment, Forestry and Tourism.



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How you can get involved

Contact Person:
Victoria Shikwaya
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Windhoek
Tel: +264 61 248 614
Fax: +264 61 238 586
Email: victorias@gcs-na.biz



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THANK YOU!!
DANKIE!!
OTWAPANDULA!!



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Questions/Comments



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PO Box 81808, Windhoek, Namibia
Tel: (+264) 61 248 614 **Fax:** (+264) 61 238 586 **Web:** www.gcs-na.biz

Our Reference 24-0597

Meeting Minutes

Subject: Public Participation Meeting for the Environmental Assessment for the Proposed construction of Telecommunication tower in Onamundindi Village, Omusati Region

Venue: Project site location

Date: 11 November 2024

Time: 15H00

Attendance: See attached attendance register

1 INTRODUCTION

The meeting was opened by Victoria Shikwaya the EIA consultant from GCS Water Environmental Engineering Namibia (Pty) Ltd (GCS). Victoria proceeded with the oral presentation after which the floor was opened to questions. This opened an interactive session between the consultant and the public members.

2 OVERVIEW OF PROPOSED PROJECT

The presentation focused on the project description for the proposed telecommunication tower to be erected in Onamundindi Village. The GCS consultant also explained the process to be followed during the environmental impact assessment, highlighting that part of the process is to engage the interested and affected parties, hence the meeting. She concluded the presentation by listing all project communication platforms and emphasising that the project is open for public participation until submission is done, after which comments will be submitted to the Environmental Commissioners office under the Ministry of Environment, Forestry and tourism: Department of Environmental Affairs and Forestry (MEFT:DEAF).

3 QUESTIONS AND COMMENTS REGARDING THE PROPOSED PROJECT

The issues/concerns raised by the attendants during the meeting are presented in the table below:

Table 2-1: Questions and comments raised during the meeting.

Question/Comment by	Question/Comment	Respondent	Response
Josephina Katshinatsha	So we should not go near the network tower because of health issues	Victoria Shikwaya (GCS consultant)	It's generally safe to be near the tower as long as you're outside any designated restricted or fenced-off areas. The towers are designed with safety in mind and comply with regulations to minimize risks from electromagnetic radiation and structural hazards.
Amutenya Shikongo	Do we have to pay for taxes for the usage of the network tower	Victoria Shikwaya (GCS consultant)	No, you will not have to pay for taxes for the tower.
Elise Nghiyepa	The tower will be there without supervision from securities? What is someone steals the instruments? What would happen?	Victoria Shikwaya (GCS consultant)	Yes, the network tower is designed to improve internet coverage in the area. Your internet service provider will install an antenna on the tower, which will enhance network signals. This means you will have stronger and more reliable internet connectivity for your computer and other devices
Risto Kefas	Does the network tower have a durability timeline?	Victoria Shikwaya (GCS consultant)	With proper maintenance these types of towers last long. Even 30-50 years.
Tobias Konias	Will PowerCom come with their own workers for the construction of the tower?	Victoria Shikwaya (GCS consultant)	PowerCom will employ the constructions workers. They are encouraged to use local people.
Teofelius Nyiinga	What type of network service will we get?	Victoria Shikwaya (GCS consultant)	PowerCom provides Telecom service. But the network Tower can accommodate other service providers antennae. Therefore MTC Is likely to place their antennae to this tower.

4 WAY FORWARD

The documented questions and comments from the meeting will be incorporated and fully addressed in the Environmental Scoping report. This report will be circulated to all registered Interested and Affected Parties (I&APs) for review before it can be submitted to the Ministry of Environment, Forestry and Tourism: Department of Environmental Affairs and Forestry for evaluation.

5 CONCLUSION

After the attendees had all raised their points and comments, Victoria Shikwaya gave a vote of thanks. The meeting was adjourned at 17:10.



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PUBLIC MEETING ATTENDANCE REGISTER

Project: Environmental Assessment Process for Proposed Construction of a Telecommunication Tower in Onamundindi, Omusati Region



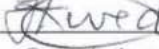
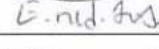

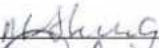
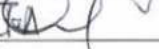

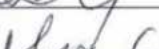
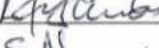
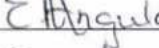
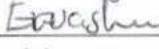







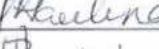
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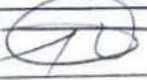
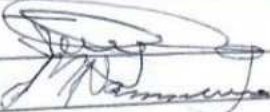
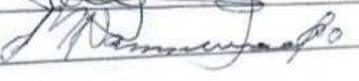


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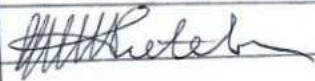

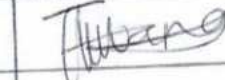




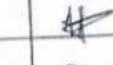

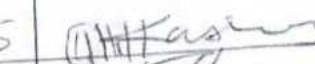
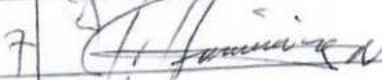


Venue: Onamundindi (Project site)

No.	Name and Surname	Erf Number	Email address	Telephone Contact	Signature
1.	Victoria Shikwaya	GCS	victorias@gcs-na.biz	0812010802	Shikwaya
2.	Erastus Ashipala	Litananga		0810445129	Ashipala
3.	Joseph Amushila	Okagongo ^{mbashu}		0810719442	JA
4.	VICTORINA Iiyambu	OKAGONGO-KAKU		0812754424	Viyambushu
5.	Lea Shimi	Okagongo ^{Kaikuwa}		0813690707	Shimi
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8.	Elmike Mutota	Onamundindi		0813107018	Elm. Mutota
9.	Konias Iiyambo	Onamundindi		0816458718	K.I
10.	Levici Kautemtokwa	Onamundindi		0816091304	Levici-K

No.	Name and Surname	Erf Number	Email address	Telephone Contact	Signature
31.	Alh Amoonga	Onamundindi		0812850319	A Amoonga
32.	Victoria Hilinganye	Onamundindi		0814711763	V Hilinganye
33.	Martha Aicawa	Onamundindi		0813872205	M Aicawa
34.	Suama Sylvanus	Onamundindi		0816914703	SS Sylvanus
35.	James Kikes	Onamundindi		0817006471	Jones
36.	Josefina Shivolo	Onamundindi		0817772890	JSHivolo
37.	Lahya Shinyemba	Onamundindi		0817201473	Lahya Shinyemba
38.	Ani Malakia	Onamundindi		0816916744	A M
39.	Jun a Kwedui	Onamundindi		0816221472	J Kwedui
40.	Kipops Shambwala	Onamundindi			
41.	Eli Negumbo				
42.	Eli Negumbo	Onamundindi			
43.	Bilha Nakali	Onamundindi		0818843415	B Nakali
44.	Lydia Namwaapo	Okagongo - Katumbi		08140225526	V Namwaapo
45.	Amoonga Ebba	Onamundindi		0813443316	Amoonga
46.	Aili Taleni Ipalt	Onamundindi		0816887022	A.T. Ipalt
47.	Shecham Justina N.	Onamundindi		0817084759	Shecham
48.	Lilya Shurite	Onamundindi		0817100121	L.D.M. Shurite
49.	Alina Andimba	Onamundindi		0817172532	Alina
50.	Sesilia Josef	Onamundindi		0814506214	Sesilia

No.	Name and Surname	Erf Number	Email address	Telephone Contact	Signature
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12.	Wilhelmina mwatukange	Onamundindi		0813048995	
13.	Julia Kweddi	Onamundindi		0813524807	
14.	Ernelina Josua	Onamundindi		0812986455	
15.	Saasa Iiyambo	Onamundindi		0814231060	
16.	Mina Shilongo	Onamundindi		0813758277	
17.	Alina Iiyambo	Onamundindi		0813341848	
18.	Linongamba Iiyambo	Onamundindi		0812014102 08120024	
19.	Lukas Iiyambo	Onamundindi		0816435807	
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21.	Ervast Shimpulu	Onamundindi		0814757139	
22.	Aksel Shikunda	Onamundindi		0812274907	
23.	Lefushila Nulenge	Onamundindi		0812010140	
24.	Simone Isob	Onamundindi		0814303377	
25.	Iiyambo. ottirie	Onamundindi		0818845022	
26.	Emilia Shebunjangi	Onamundindi		0818086011	
27.	Hilma Fanuel	Onamundindi		0813349687	
28.	Paulina wilhem	Onamundindi		0816636154	
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30.	Elizabeth Lukas	Onamundindi		0812606642	

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71	Reinhold Johannes	Letanaaga	N/A	0812718533	
72	Amu Terrya Shikongo	Okagongo	Ashikongo E	0811290930	
73	Ashuuna Natanael	Onamundindi	N/A	0812065690	
74	Martin Willem	Onamundindi	NO	0813146256	
75	Risto Kofas	Onamundindi	NO	0812840575	
76	Julius KOAIAS	II	N/A	081449725	
77	Malakia A. Namunjo	Okagongo	No	0815484504	
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80	Soim Amafufu	Onamundindi	N/A	0812324334	Amufufu
81	Kuume Paulina	Onamundindi	N/A	0813460012	K Pauling
82	Angula Kandenge	Onamundindi	N/A	0818222180	A K
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87					
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89					
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54	TOBIAS Komias			0812959970	T. K
55	Johanna Athingo			0812270257	J. Athingo
56	Tomas wenni			0816681141	Tweni
57	Ruth N. Lichuma			0812810972	
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61	Johanna Ashipala			0817787777	J. Ashipala
62	Aune Nikolai			0813630286	
63	VERONICA ELIGIUS			0813073311	
64	Aili AMUFUFI		ailitalen@gmail.com	0812869746	
65	Perpetua Skongo		ekongoperpetua@gmail.com	08133560544	
66	Josefina Kashinasha		rospengmakushina@gmail.com	0813125455	
67	TEOFILUS LWIRINGA		l. lwiriga@gmail.com	0812010527	
68	Tafita AMUSHILA			0812540864	
69	Daniel M. Ika		ilendelawel@gmail.com	0817305919	
70					



APPENDIX I - COMMENTS RECEIVED (IF ANY)