

**ENVIRONMENTAL ASSESSMENT  
PROPOSED ENDOLA SERVICE STATION IN  
ENDOLA SETTLEMENT, OHANGWENA REGION-  
NAMIBIA.**



**ENVIRONMENTAL SCOPING REPORT**

**JANUARY 2021**



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## Acronyms

<b>TERMS</b>	<b>DEFINITION</b>
BID	Background Information Document
EAP	Environmental Assessment Practitioners
ECC	Environmental Clearance Certificate
ECO	Environmental Control Officer
EIA	Environmental Impact Assessment
ESIA	Environmental and Social Impact Assessment
EMP	Environmental Management Plan
GHG	Greenhouse Gasses
ISO	International Organization for Standardization
I&APs	Interested and Affected Parties
JBIC	Junior Baiano Industrial Consultants
MET: DEA	Ministry of Environment and Tourism's Directorate of Environmental Affairs

## EXECUTIVE SUMMARY

**Junior Baiano Industrial Consultants (JBIC) cc** has been engaged by **Ino Investments Pty Ltd** to conduct an Environmental Impact Assessment (EIA), develop an Environmental Management Plan (EMP) and apply for an Environmental Clearance Certificate for the proposed fuel retail facility in Endola settlement, Ohangwena Region-Namibia.

In terms of the Environmental Impact Assessment Regulations 2012, the proposed project triggered the application for an environmental clearance certificate because of the following activities:

- ✓ **HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE**
  - *Activity 9.2: Any process or activity which requires a permit, licence or other form of authorisation, or the modification of or changes to existing facilities for any process or activity which requires an amendment of an existing permit, licence or authorisation or which requires a new permit, licence or authorisation in terms of a law governing the generation or release of emissions, pollution, effluent or waste.*
  - *Activity 9.4: The storage and handling of a dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.*
  - *Activity 9.5: The Construction of filling stations or any other facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.*

### Environmental Impacts

- Surface and groundwater impacts during construction and operation.
- Impacts on vegetation and biodiversity through clearing of land during construction.
- Generation of waste during construction and operation.
- Health and safety impacts during construction and operation.

### **Social Impacts**

The project is generally expected to contribute to improving the livelihoods of the local community of Outapi through the employment opportunities and increased provision of services and amenities which are not readily available in the area.

An EMP has been developed to mitigate any anticipated possible impacts of the project to the environment.

### **Public Participation Process**

Interested and Affected Parties were notified of the project through site notices and newspaper adverts. All relevant information regarding consultation is covered in Chapter 4 of this document and attached in Appendix A.

### **Recommendation**

Based on the Environmental Assessment it is concluded that most of the impacts identified can be addressed through the recommended mitigation and management actions for both the construction and operation phases of the fuel retail facility. Should the recommendations included in this report and the EMP be implemented the significance of the impacts can be reduced to reasonably acceptable standards and duration. All developments could proceed provided that general mitigation measures as set out are implemented as a minimum.

In this respect it is recommended that the proposed service station receives an Environmental Clearance Certificate, provided that the recommendations described in this report and the EMP are implemented.

## **1. CHAPTER ONE: BACKGROUND**

### **1.1. INTRODUCTION**

Ino Investments Pty Ltd intends to spearhead direct investments in Endola settlement, Ohangwena Region. In this respect the company intends to construct and operate a fuel retail facility in the settlement.

In this respect the proponent has appointed Junior Baiano Industrial Consultants cc to undertake an Environmental Scoping Assessment (ESA), formulate an Environmental Management Plan (EMP) and apply for an Environmental Clearance Certificate (ECC) to the Ministry of Environment and Tourism (MET): Directorate of Environmental Affairs (DEA) for the intended development.

This document forms part of the application to be made to the DEA's office for an ECC for the proposed fuel retail facility (service station) establishment, according the guidelines and statutes of the Environmental Management Act No.7 of 2007 and the Environmental Impacts Regulations (GN 30 in GG 4878 of 6 February 2012).

### **1.2. PROJECT LOCATION**

The proposed project site is located about 30km North of Oshakati town, along the Oshakati-Oshikango C45 highway. The project site is overlooking Endola shopping Centre to the west. The map below (Figure 1) gives an aerial view of the project site.

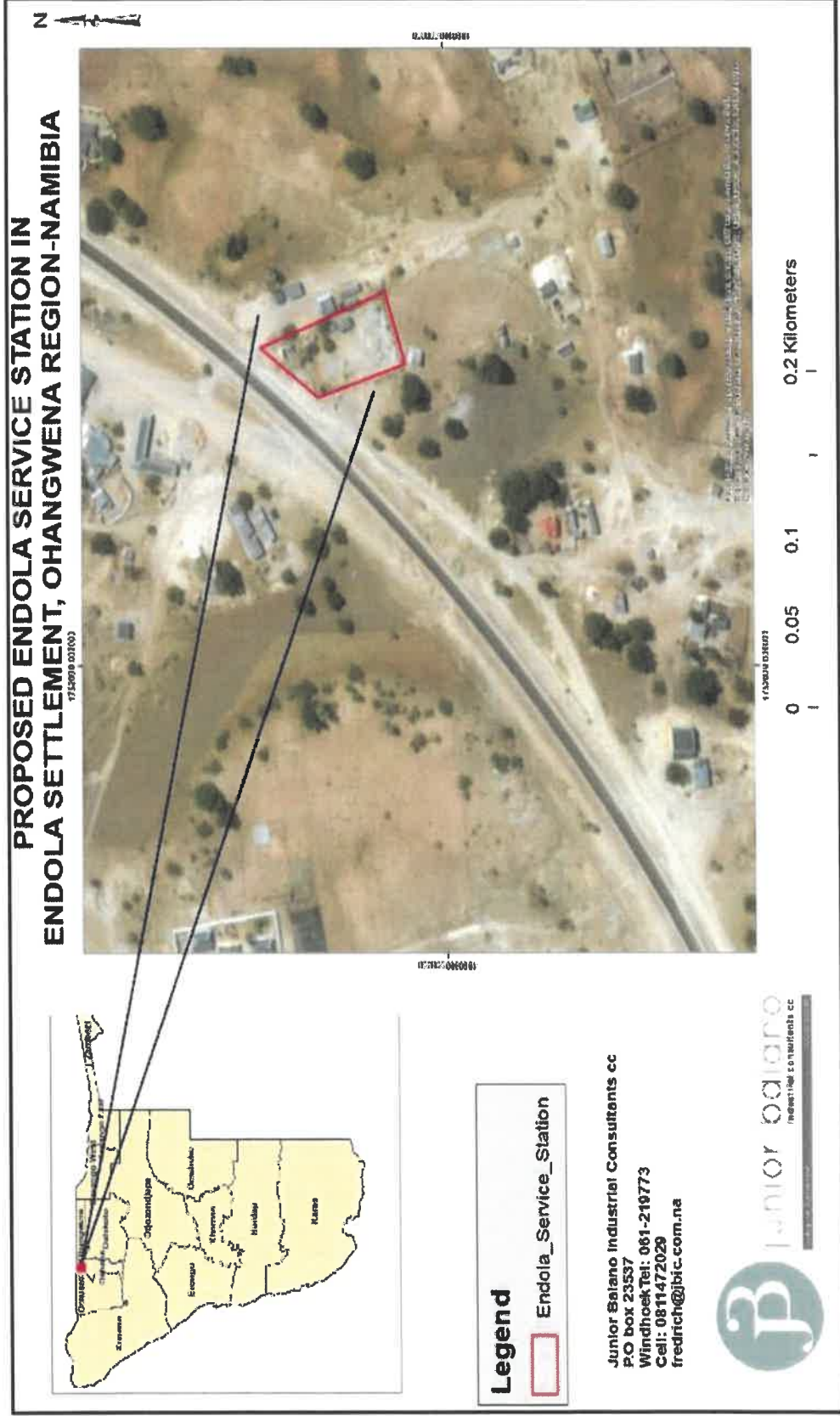


Figure 1: Proposed Fuel Retail Facility site.



### **1.3. PROJECT DESCRIPTION**

#### **1.3.1. DEVELOPMENT PROPOSAL & LAYOUT**

It is the intention of the proponent to construct and operate a service station establishment in Endola Settlement.

#### **1.3.2. SERVICE STATION**

The service station would be a 6-pump canopy supported by 4 tanks of 46 000 liters storing petrol and diesel. There will also be a convenience store and a mini-market on the proposed site.

The proposed facilities and services on site entail the following:

- Paved parking for vehicles,
- Fuel storage tanks and dispensation bay for refueling purposes,
- Convenience Store,
- Mini-market
- Offices for administrative and control center personnel, and
- Ablution facilities.

#### **1.3.3. ACCESSIBILITY**

The site can be accessed through the existing internal street network of Outapi town and access will be obtained from C46 main road in Outapi.

### **1.4. INFRASTRUCTURE AND SERVICES**

The proposed development will be connected to the existing water and sewerage reticulation system.

### **1.5. NEED AND DESIRABILITY**

The proposed activity is a welcome development in Endola, due to the increase in vehicles in the town and growth of the town in general. This is anticipated to reduce pressure on the existing fuel retail facilities in Endola.

The proposed site is desirable to be developed as proposed due to its location which is ideal for the proposed service station because of its ease of accessibility and proximity to the CBD.

The proposed development will enable the optimal use of the land and provide amenities which are not readily available to the residents in the area. In this respect, the proponent saw an opportunity for the proposed development.

#### **1.6. OBJECTIVES OF THIS STUDY**

This Environmental Scoping Assessment is being undertaken in compliance with the Environmental Management Act No.7 of 2007 and the Environmental Impact Assessments Regulations (GN 30 in GG 4878 of 6 February 2012).

In terms of the Environmental Impact Assessment Regulations 2012, the proposed project triggered the application for an environmental clearance certificate because of the following activities:

##### **✓ HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE**

- *Activity 9.2: Any process or activity which requires a permit, licence or other form of authorisation, or the modification of or changes to existing facilities for any process or activity which requires an amendment of an existing permit, licence or authorisation or which requires a new permit, licence or authorisation in terms of a law governing the generation or release of emissions, pollution, effluent or waste.*
- *Activity 9.4: The storage and handling of a dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.*
- *Activity 9.5: The Construction of filling stations or any other facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.*

The main objectives of this study are as follows:

- To identify and provide mitigation measures of the expected impacts of the proposed establishment to protect the environment;
- To brief the project proponent of the legal and policy framework governing the proposed activity;

- To identify the possible changes in bio-diversity index that might occur because of project implementation in the area;
- To reflect on the various public concerns which will inform the proponents and DEA's decision making;
- To come up with preventive and precautionary measures for the expected physical and biological environmental negative impacts associated with the proposed activities;
- To structure an effective environmental management plan for the proposed activity to minimise and prevent negative impacts and maximise the positive impacts.

### **1.7. TERMS OF REFERENCE**

The Environmental Scoping Assessment conducted by Junior Baiano Industrial Consultants (JBIC) cc provides a comprehensive evaluation of the proposed project producing both ESA and EMP reports documenting the following:

- A complete description of the existing site proposed for development;
- Significant environmental issues of concern that were based on the baseline data compiled by the ESA Team, which took into consideration social, cultural and heritage information;
- An assessment of the public perception on the proposed development.
- Identification of Policies, Legislation and Regulations relevant to the project;
- Prediction of the likely short, medium and long-term impact of the development on the environment, including direct, indirect and cumulative impacts, and their relative importance to the design of the development's facilities;
- Identification of any mitigation actions to be taken to minimize predicted adverse impacts and provide associated costs where applicable and practical;
- Development of an environmental monitoring plan which will ensure that the mitigation measures are adhered to during the implementation phase;
- A conclusion and recommendation for the project proponent on an advisory note.

## 2. CHAPTER TWO: POLICY, LEGAL AND ADMINISTRATIVE FRAMEWORK

### 2.1. INTRODUCTION

An important part of the Environmental Scoping Assessment (ESA) is identifying and reviewing the administrative, policy and legislative situation concerning the proposed activity, to inform the proponent about the requirements to be fulfilled in undertaking the proposed activities. This section looks at the legislative framework within which the proposed development will operate under. The focus is on the compliance with the legislation during the planning, construction and operational phases. All relevant legislation, policies and international statutes applicable to the project are highlighted in **Table 1: Relevant legislation, policies and international statutes applicable to the project****Error! Reference source not found.** below as specified in the Environmental Management Act, 2007 (Act No.7 of 2007) and the regulations for Environmental Impact Assessment as set out in the Schedule of Government Notice No. 30 (2012).

**Table 1: Relevant legislation, policies and international statutes applicable to the project**

Aspect	Legislation	Relevant Provisions	Relevance to the Project
<b>The Constitution</b>	Namibian Constitution Amendment Act 34 of 1998	<ul style="list-style-type: none"> <li>Article 16(1) guarantees all persons the right to property. It therefore provides everyone a right to acquire, own and dispose of property, alone or in association with others and to bequeath such property.</li> <li>Article 95(l) "The State shall actively promote and maintain the welfare of the people by adopting policies that are aimed at maintaining ecosystems, essential ecological processes and the biological diversity of Namibia. It further promotes the sustainable utilisation of living natural resources basis for the benefit of all Namibians, both present and future."</li> </ul>	<ul style="list-style-type: none"> <li>The project will enable the full execution of right to practice any profession, or carry on any occupation, trade or business by availing necessary provisions such as practising any profession, or carry on any occupation, trade or business in the country.</li> <li>Through implementation of the environmental management plan, the proponent will ensure conformity to the constitution in terms of environmental management and sustainability.</li> </ul>
<b>National Development Plans</b>		Namibia's overall Development ambitions are articulated in the National Vision 2030. At the operational level, five-yearly national development plans (NDP's) are prepared in extensive consultations led by the National Planning Commission in the Office of the President. The Government has so far launched a 4th NDP focusing on high and sustained economic growth, increased income equality Employment creation.	The proposed project will propel NDP4 targets in logistics, tourism and commodities market. Adding on, this will create employment which will work towards the NDP and Vision 2030.

<b>Aspect</b>	<b>Legislation</b>	<b>Relevant Provisions</b>	<b>Relevance to the Project</b>
<b>Archaeology</b>	National Heritage Act 27 of 2004  National Monuments Act of Namibia (No. 28 of 1969) as amended until 1979	Section 48(1) states that “A person may apply to the Namibian Heritage Council (NHC) for a permit to carry out works or activities in relation to a protected place or protected object”  <ul style="list-style-type: none"> <li>• “No person shall destroy, damage, excavate, alter, remove from its original site or export from Namibia:</li> <li>• Meteorites, fossils, petroglyphs, ornamental infrastructure graves, caves, rock shelters, middens, shells that came into existence before the year 1900 AD; or any other archaeological or palaeontological finds</li> </ul>	Any heritage resources discovered would require a permit from the NHC for relocation. The site is however already disturbed and semi-developed.  The proposed site of development is not within any known monument sites, both movable and immovable as specified in the Act, however in finding any materials specified in the Act, contractors on site will take the required route and notify the relevant commission.
<b>Environmental</b>	Environmental Management Act 7 of 2007	<ul style="list-style-type: none"> <li>• Requires that projects with significant environmental impacts are subject to an environmental assessment process (Section 27).</li> <li>• Requires for adequate public participation during the environmental assessment process for interested and affected parties to voice their opinions about a project (Section 2(b-c)).</li> <li>• According to Section 5(4) a person may not discard waste as defined in Section 5(1)(b) in any way other than at a disposal site declared by the Minister of Environment and Tourism or in a manner prescribed by the Minister.</li> <li>• Details principles which are to guide all EIAs</li> </ul>	This Act and its regulations should inform and guide this EIA process.

<b>Aspect</b>	<b>Legislation</b>	<b>Relevant Provisions</b>	<b>Relevance to the Project</b>
	EIA Regulations GN 57/2007 (GG 3812)	<ul style="list-style-type: none"> <li>Details requirements for public consultation within a given environmental assessment process (GN No 30 S21).</li> <li>Details the requirements for what should be included in a Scoping Report (GN No 30 S8) and EIA report (GN No 30 S15).</li> </ul>	This Act and its regulations should inform and guide this EIA process.
	Pollution and Waste Management Bill (draft)	<ul style="list-style-type: none"> <li>This bill defines pollution and the different types of pollution. It also points out how the Government intends to regulate the different types of pollution to maintain a clean and safe environment.</li> <li>The bill also describes how waste should be managed to reduce environmental pollution. Failure to comply with the requirements considered an offence and is punishable.</li> </ul>	The project should be executed in harmony with the requirements of the act to reduce negative impacts on the surrounding environs from waste during construction or operation.
	Soil Conservation Act 76 of 1969	This act makes provision for combating and for the prevention of soil erosion, it promotes the conservation, protection and improvement of the soil, vegetation, sources and resources of the Republic of Namibia.	The Project impact on soil will rather be localised, however the Act should provide for guidelines of operation during construction to prevent soil erosion and contamination during operation.
	National Biodiversity Strategy and Action Plan (NBSAP2)	The action plan was operationalised in a bid to make aware the critical importance of biodiversity conservation in Namibia, putting together management of matters to do with ecosystems protection, biosafety, and biosystematics protection on both terrestrial and aquatic systems.	Forming part of the EIA of and EMP for this Project, the proponent will consider all associated impacts, both acute and long term, and will propose methods and ways to sustain the local biodiversity.

<b>Aspect</b>	<b>Legislation</b>	<b>Relevant Provisions</b>	<b>Relevance to the Project</b>
<b>Forestry</b>	Forest Act 12 of 2001	<ul style="list-style-type: none"> <li>• Tree species and any vegetation within 100m from a watercourse may not be removed without a permit (S22(1))</li> <li>• Provision for the protection of various plant species.</li> </ul>	<p>The clearing of vegetation is prohibited (subject to a permit) 100m either side of a river. Certain tree species occurring in the area are protected under this Act. Permits must be obtained from MAWF in accordance with the Act.</p> <p>However, on site there are no trees that require clearing permit.</p>
<b>Water</b>	Water Act 54 of 1956	<ul style="list-style-type: none"> <li>• The Water Resources Management Act 24 of 2004 is presently without regulations; therefore, the Water Act No 54 of 1956 is still in force:</li> <li>• A permit application in terms of Sections 21(1) and 21(2) of the Water Act is required for the disposal of industrial or domestic wastewater and effluent.</li> <li>• Prohibits the pollution of underground and surface water bodies (S23(1)).</li> <li>• Liability of clean-up costs after closure/ abandonment of an activity (S23(2)).</li> <li>• Protection from surface and underground water pollution</li> </ul>	<p>The protection of ground and surface water resources should guide development's layout plans.</p>
<b>Health and Safety</b>	Labour Act (No 11 of 2007) in conjunction with Regulation 156, 'Regulations Relating to the	<ul style="list-style-type: none"> <li>• 135 (f): "the steps to be taken by the owners of premises used or intended for use as factories or places where machinery is used, or by occupiers of such premises or by users of machinery about the structure of such buildings of otherwise to prevent or</li> </ul>	<p>The proponent will employ several people and shall ensure securing a safe environment and preserving the health and welfare of employees at work. This will include applying appropriate hazard</p>



<b>Aspect</b>	<b>Legislation</b>	<b>Relevant Provisions</b>	<b>Relevance to the Project</b>
	Health and Safety of Employees at work'.	<p>extinguish fires, and to ensure the safety in the event of fire, of persons in such building;" (Ministry of Labour and Social Welfare).</p> <ul style="list-style-type: none"> <li>This act emphasizes and regulates basic terms and conditions of employment, it guarantees prospective health, safety and welfare of employees and protects employees from unfair labour practices.</li> </ul>	management plans and enforcing Occupational Health and Safety (OHS) enforcement by contractors.
	Public Health and Environmental Act, 2015	<ul style="list-style-type: none"> <li>Under this act, in section 119: "No person shall cause a nuisance or shall suffer to exist on any land or premises owned or occupied by him or of which he is in charge any nuisance or other condition liable to be injurious or dangerous to health."</li> </ul>	The service station operation will ensure compliance to the terms of the Act.
<b>Services and Infrastructure</b>	Road Ordinance 1972 (Ordinance 17 Of 1972)	<ul style="list-style-type: none"> <li>Width of proclaimed roads and road reserve boundaries (S3.1)</li> <li>Control of traffic during construction activities on trunk and main roads (S27.1)</li> <li>Infringements and obstructions on and interference with proclaimed roads. (S37.1)</li> <li>Distance from proclaimed roads at which fences are erected (S38)</li> </ul>	Although the project is a major boost for the town, the commodities market and the national highways the proponent needs to ensure that the development do not affect the major roads within their vicinity during construction and operation phases.

### 3. CHAPTER THREE: RECEIVING ENVIRONMENT

#### 3.1. SOCIO-ECONOMIC

Endola is a constituency in the Ohangwena Region of Namibia, on the border of Angola. It has 36,659 inhabitants; the district center is the settlement of Endola.

The constituency is hard-hit by the drought just like the rest of the northern region, but the situation was made worse by lack of drinking water for people and their animals as many water points were disconnected because of unpaid bills. Endola is a flood-prone area with many water pans therefore, good roads are needed to avoid a situation where villages are totally cut off during the rainy season. Endola is a rapidly developing community with many newly constructed government buildings and a growing commercial area in the town.

#### 3.2. CLIMATE

**Classification of climate:** Semi-arid highland savannah (0.2 0.5 p/pet). Climate is classified as subtropical stepper (low latitude dry) with a subtropical thorn woodland biozone.

**Average rainfall:** 400-500 mm per year

**Average Evaporation:** Evaporation in the area is averaged 3000 to 3200 mm.

**Precipitation:** Sporadic and unpredictable, high intensity, highly localised storm events between December and March.

**Temperature:** During the hottest month of the year, which is mainly November, the average maximum temperature is about 30 - 37 °C. During July which is the coldest month the average minimum temperature is 8 - 10 °C.

**Humidity:** The relative humidity during the least humid months of the year (i.e. September and October) is around 10-20% and the most humid month is March with 70-80% humidity. Namibia has a low humidity in general, and the lack of moisture in the air has a major impact on its climate by reducing cloud cover and rain and increases the rate of evaporation.

**Wind direction:** Predominantly easterly wind. The area experiences strong winds during August/Sep with an average wind of 8-10mph.

#### 3.3. TERRESTRIAL ECOLOGY

The subject site is located within an urban area that has been mostly developed and thus no significant fauna and flora are expected to be present on site.

### 3.3.1. FLORA

In North of Namibia the vegetation is classified as Savannah bush and comprises a number of Acacia species and numerous species of perennial thorn trees in the bushes and shrubs and grass on the flat slopes (Lawrence, 1971). According to Giess (1971), savanna bush vegetation type, is mainly characterised by trees such as Combretum apiculatum and Acacia species (such as Acacia reficiens, A. hereroensis, and A. erubescens). The grass in this vegetation type mainly comprises of the climax grasses such as Anthephora pubescens, Brachiaria nigropedata, Digitaria eriantha and many other species. There are three main tree species found in the study area as the area is sparsely vegetated.

The project site has minimal vegetation cover because of existing structures within its proximity.

**Table 2: Common Plant Species occurring on the project area**

Species	Common name	Status
<i>Acacia erioloba</i>	Camel thorn	Protected
<i>Acacia mellifera</i>	Black thorn	
<i>Acacia reficiens</i>	False umbrella thorn	
<i>Acacia erubescens</i>	Blue thorn	
<i>Acacia karroo</i>	Sweet thorn	
<i>Acacia tortolis</i>	Umbrella thorn	
<i>Commiphora tenuipetiolata</i>	White-stem corkwood	
<i>Ficus Cordata</i>	Fig Tree	Protected
<i>Arecaceae</i>	Palm tree	

### 3.3.2. FAUNA

Endola settlement area is dominated by human inhabitants which resulted in movement of wild animals away from the area. The EIA team researched and established that around the proposed project has minimum amount of wildlife.

This could mostly be the case due the presence inhabitants and economic activities that possibly scared away wildlife. Some form of human encroachment in the area may also have contributed to low number of wildlife due to lost and fragmented habitats. Only evidence of the presence of birds, squirrels and soil rodents, termites were observed.



## Figure 2: Current project environment

*The current state of the project site best reflects the nature of human impact on the environment, the project area has been previously developed and is often used as a solid waste dumping site by nearby residents, and the regional council will have to commission a scrapper periodically to clear off the waste.*

*The site is surrounded by several businesses, to the North is the C4 road and across is a shopping center. The east and western side of the project site are mixed residential and business erven, who have been informed of the development.*

*The site is void of vegetation because of the regular clearing of the ERF when it is full of solid waste. The site also has some illegal footpaths and roads used by residents as shortcuts to their respective businesses or homes.*

### 3.4. LANDSCAPE AND GEOLOGY

The site area has a generally flat terrain with a gradient of less 0.002% implying the importance of a well-drained development to avoid flooding on the area. The site area slopes towards south-west.

Endola settlement is located in the greater Kalahari Basin, which covers most of the northern and eastern parts of Namibia and extends across the Namibian border into Angola. The Sand mining area is located within the Congo Craton area and is mostly covered by quaternary sediments and karoo sediments.

The unconsolidated to semi-consolidated clay, sand and gravel of the Kalahari Group fill the Omusati Region, which deepens from the northeast towards the northwest, from 0 to >400 m along the north-west trending basin axis

The site area composed of completely weathered fine sandy loamy soils. The soil macro-fauna encountered within the study area include very few arthropods (insects, millipedes, and termites), molluscs (snails), annelids (earthworms) and nematodes that are always found in most soils.

### 3.5. HYDROLOGY

OutapiEndola settlement forms part of the Etosha Cuvelai Drainage and the Oshana flood plain which are common in the most parts of the North of Namibia. The groundwater basin underlain is the Owambo basin. The exact proposed project site is not within the flood plains of Oshana Region and however the project area resembles an Oshana type of environmental set up. But due to urbanisation and development within the locale of the site, the project area is not actively functioning as an Oshana anymore.

The project area is generally flat with very few evidences of surface erosion. The surrounding area is relatively flat giving limited chance for surface drainage Adequate drainage and spill prevention mechanisms will be employed to avoid potential pollution through surface water runoff of groundwater seepage.

## 4. CHAPER FOUR: PUBLIC CONSULTATION

### 4.1. OVERVIEW

The public consultation process forms an important component of the Environmental Assessment process. It is defined in the EIA Regulations (2012), as a “*process in which potential interested and affected parties are given an opportunity to comment on, or raise issues relevant to, specific matters*” (S1). Section 21 of the Regulations details steps to be taken during a given public consultation process and these have been used in guiding our process.

Formal public participation has taken place via public consultations and focal meetings, newspaper announcements to inform the public of the proposed project under consideration. The public consultation process has been guided by the requirements of Environmental Management Act (EMA) No. 7 of 2007 and the process has been conducted in terms of regulation 7(1) as well as in terms of the EMA Regulations of GN 30 of 6 February 2012 and the World Bank EIA standards and project ToR.

Its overriding goals have been to ensure transparency in decision making and to:

- Ensure stakeholder concerns are incorporated in project design and planning;
- Increase public awareness and understanding of the project and
- Enhance positive development initiatives through the direct involvement of affected people.

The objectives of the public participation are to build credibility through instilling integrity of conducting the ESA, educate the stakeholders on the process to be undertaken and opportunities for their involvement and build stakeholders by establishing an agreed framework accordingly. This requires accessible, fair, transparent and constructive participation at every stage of process. Inform stakeholders on the proposed project and associate issues, impacts and mitigation and using the most effective manner to disseminate information.

In this section of the report, the results of consultations with various classes of stakeholders are summarized. The results of consultations with other stakeholders and community members who took part in this EIA are attached as Appendices.

The consultation was facilitated through the following means:

- A Background Information Document (BID) containing brief project description, the EIA process and notice of invitation to participate. BID was shared with stakeholders and community members.
- Invitation to participate as published in the local newspapers as shown in Table 3 below and Appendix A of this document.
- Placement of a public notice at the project site and around Rundu town.

**Table 3: Details of public notification of the EIA study**

Method	Area of Distribution	Language	Date Placed
The Confidante	Country Wide	English	31 January and 07 February 2019
Windhoek Observer	Country Wide	English	01 and 08 February 2019
Site notices	Project site	English	5 and 12 February 2019
	Around Endola Market	English	5 and 12 February 2019
	Public consultation on the project	English	09 January 2021
Public Meeting	Project site	English	16 February 2019

Identification of Interested and Affected Parties (I&APs)

The EIA team identified and consulted the I&APs & key stakeholders for the proposed project. I&APs were allowed to register on a willing basis to the EIA team. A database was compiled containing their names and correspondence details. The registration was accomplished over a period of 30 days. Detailed information regarding points of concern is attached to Annexure 5 of this report.

Public Meeting

A public meeting was held on 16 February 2019 at Endola Community Hall, minutes were taken and attendance recorded, another latest door-to-door visit on the consultation of the public was held on the 9<sup>th</sup> of January 2021, proof of BID distribute is recorded, consultation documents are provided in the appendices.

## 5. CHAPTER FIVE: ENVIRONMENTAL AND SOCIO-ECONOMIC IMPACTS

### 5.1. OVERVIEW

The chapter describes the potential environmental and socio-economic impacts that may occur due to the proposed activities being undertaken as part of the proposed fuel retail facility. The various impacts are discussed throughout the project cycle (during construction, operation and decommissioning). This chapter aims to inform the decision to be taken by the Ministry of Environment and Tourism in respect of the ECC.

### 5.2. IMPACT ASSESSMENT METHODOLOGY

An impact assessment matrix was used to assess all possible impacts of the project on the environment. In line with Namibia's Environmental Management Act No. 7 of 2007 and the Environmental Impacts Regulations (GN 30 in GG 4878 of 6 February 2012) with the direction on impacts analysis the following impact assessment criteria was identified by the team and deemed suitable.

**Table 4: Impact Screening Criteria**

Aspect	Description
<b>Nature</b>	Focuses on the type of effect that the project will have on environmental components. Addresses questions related to "what will be affected and how?"
<b>Extent</b>	Spatial extent of the project and anticipated spatial extent of impacts indicating whether the impact will be within a limited area (on site where construction is to take place); local (limited to within 15km of the area); regional (limited to ~100km radius); national (extending beyond Namibia's borders).
<b>Duration</b>	This looks at the temporal issues pertaining to time frames e.g. whether the impact will be temporary (during construction only), short term (1-5 years), medium term (5-10 years), long term (longer than 10 years, but will cease after operation) or permanent.
<b>Intensity</b>	Establishes whether the magnitude of the impact is destructive or innocuous and whether it exceeds set standards, and is described as none (no impact); low (where natural/ social environmental functions and processes are negligibly affected); medium (where the environment continues to function but in a noticeably modified manner); or high (where environmental functions and processes are altered such that they temporarily or permanently cease and/or exceed legal standards/requirements).
<b>Probability</b>	Considers the likelihood of the impact occurring and is described as uncertain, improbable (low likelihood), probable (distinct possibility), highly probable (most likely) or definite (impact will occur regardless of prevention measures).



Aspect	Description
<b>Significance</b>	Significance is given before and after mitigation. Low if the impact will not have an influence on the decision or require to be significantly accommodated in the project design, Medium if the impact could have an influence on the environment which will require modification of the project design or alternative mitigation (the route can be used, but with deviations or mitigation) High where it could have a “no-go” implication regardless of any possible mitigation (an alternative route should be used).

The application of the above criteria will be used to determine the significance of potential impacts using a combination of duration, extent, and intensity/magnitude, augmented by probability, cumulative effects, and confidence. Significance is described as follows:

**Table 5: Impact Rating Criteria**

Significance Rating	Criteria
<b>Low</b>	Where the impact will have a negligible influence on the environment and no modifications or mitigations are necessary for the given development description. This would be allocated to impacts of any severity/ magnitude, if at a local scale/ extent and of temporary duration/time.
<b>Moderate</b>	Where the impact could have an influence on the environment, which will require modification of the development design and/or alternative mitigation. This would be allocated to impacts of moderate severity/magnitude, locally to regionally, and in the short term.
<b>High</b>	Where the impact could have a significant influence on the environment and, in the event of a negative impact the activity(ies) causing it, should not be permitted (i.e. there could be a ‘no-go’ implication for the development, regardless of any possible mitigation). This would be allocated to impacts of high magnitude, locally for longer than a month, and/or of high magnitude regionally and beyond.

### 5.1. IMPACT ASSESSMENT

By subjecting each of the potential impacts to the matrix above, the EIA team established the significance of each impact prior to implementing mitigation measures and then after mitigation measures have been implemented. Some of the mitigation measures are mentioned but detailed descriptions of management actions are contained in the accompanying EMP.

**Table 6: Environmental impact assessment matrix for the proposed service station**

Environmental Impact	Element	Impact	Project Phase	Duration	Magnitude	Extent	Type	Probability	Significance
<b>TOPOGRAPHY</b>	With Mitigation	Alteration of existing topography	Construction & operation	Short term	Low	Local	Direct	Probable	Low
	No Mitigation	Alteration of existing topography	Construction & operation	Short term	Low	Local	Direct	Probable	Moderate
	With Mitigation	Topographic changes and Visual Impact	Construction & Operation	Medium term	Moderate	Local	Direct	Probable	Moderate
	No Mitigation	Topographic changes and Visual Impact	Construction & Operation	Medium term	Moderate	Local	Direct	Probable	High
	With Mitigation	Loss of usable topsoil material	Construction	Long term	Low	Local	Direct	Probable	Moderate
	No Mitigation	Loss of usable topsoil material	Construction	Long term	Moderate	Local	Direct	Highly probable	High
	With Mitigation	Spillages and leakages of fuel, oil and other hazardous substances ferried by trucks.	Construction and Operations	Long term	Moderate	Local	Direct	Probable	Moderate
	No Mitigation	Spillages and leakages of fuel, oil and other hazardous substances ferried by trucks.	Construction and Operations	Long term	Moderate	Local	Direct	Highly probable	High
	With Mitigation	Underground tanks leakages and fuel spillages during tank and vehicles refill.	Operation	Long Term	Moderate	Local	Direct	Probable	Moderate
	No Mitigation	Underground tanks leakages and fuel	Operation	Long Term	High	Local	Direct	Probable	High

Environmental Impact	Element	Impact	Project Phase	Duration	Magnitude	Extent	Type	Probability	Significance
		spillages during tank and vehicles refill.							
	With Mitigation	Contamination to soil from waste disposal	Construction and Operations	Long term	Moderate	Local	Direct	Improbable	Low
<b>LAND CAPABILITY</b>	No Mitigation	Contamination to soil from waste disposal	Construction and Operations	Long term	Moderate	Local	Direct	Probable	<b>Moderate</b>
	With Mitigation	Land utilisation for the benefit of the people	Operations	Long term	High	National	Indirect	Probable	<b>Moderate</b>
	No Mitigation	Land utilisation for the benefit of the people	Operations	Long term	High	National	Indirect	Probable	<b>Moderate</b>
	With Mitigation	Decreased vegetated (biodiversity zones) around the town.	Construction and Operations	Long term	Low	Local	Direct	probable	Low
	No Mitigation	Decreased vegetated (biodiversity zones) around the town.	Construction and Operations	Long term	Moderate	Local	Direct	probable	<b>Moderate</b>
	With Mitigation	Pollution of underground aquifers from contaminated seepage and fuel storage tank leakages	Construction and Operations	Medium term	Moderate	Local	Direct	Improbable	<b>Moderate</b>
<b>GROUND AND SURFACE WATER</b>	No Mitigation	Pollution of underground aquifers from contaminated	Construction and Operations	Medium term	High	Local	Direct	Improbable	<b>High</b>

ENVIRONMENTAL SCOPING REPORT: PROPOSED ENDOLA SERVICE STATION IN ENDOLA SETTLEMENT, OHANGWENA REGION-NAMIBIA.

Environmental Impact	Element	Impact	Project Phase	Duration	Magnitude	Extent	Type	Probability	Significance
		seepage and fuel storage tank leakages							
	With Mitigation	Groundwater sources and soil may be polluted by construction activities	Construction	Short term	Moderate	Local	Direct	probable	Moderate
	No Mitigation	Groundwater sources and soil may be polluted by construction activities	Construction	Short term	High	Local	Direct	probable	High
	With Mitigation	Groundwater source potentially contaminated by sewerage waste	Operations	Long term	Low	Local	Direct	probable	Low
	No Mitigation	Groundwater source potentially contaminated by sewerage waste	Operations	Long term	Moderate	Local	Direct	probable	Moderate
	With Mitigation	Potential pollution of groundwater from fuel storage tank leakages or insufficient control of wastewater and oils on site.	Operations	Long term	Moderate	Local	Direct	Probable	Moderate
	No Mitigation	Potential pollution of groundwater from fuel storage tank leakages or insufficient control of	Operations	Long term	High	Local	Direct	Highly probable	High

ENVIRONMENTAL SCOPING REPORT: PROPOSED ENDOLA SERVICE STATION IN ENDOLA SETTLEMENT, OHANGWENA REGION-NAMIBIA.

Environmental Impact	Element	Impact	Project Phase	Duration	Magnitude	Extent	Type	Probability	Significance
		wastewater and oils on site.							
	With Mitigation	Groundwater source and soil may be polluted by construction activities	Construction	Short term	Moderate	Local	Direct	probable	<b>Moderate</b>
	No Mitigation	Groundwater source and soil may be polluted by construction activities	Construction	Short term	High	Local	Direct	probable	<b>High</b>
	With Mitigation	Increased sediment load from exposed surfaces	Construction	Short term	Low	Local	Direct	Probable	<b>Low</b>
	No Mitigation	Increased sediment load from exposed surfaces	Construction	Short term	Moderate	Local	Direct	Probable	<b>Moderate</b>
	With Mitigation	Stormwater generation from the open surface area for parking of vehicles will be created, the large open surface area may create stormwater which may result in pollution.	Construction and operations	Long term	Moderate	Local	Direct	Probable	<b>Moderate</b>

Environmental Impact	Element	Impact	Project Phase	Duration	Magnitude	Extent	Type	Probability	Significance
<b>AIR QUALITY</b>	No Mitigation	Stormwater generation from the open surface area for parking of vehicles will be created, the large open surface area may create stormwater which may result in pollution.	Construction and operations	Long term	High	Local	Direct	Highly Probable	Moderate
	With Mitigation	Increase in surface water run-off from a large open surface area on site because of vegetation removal	Construction and operations	Short term	Moderate	Local	Direct	Improbable	Low
	No Mitigation	Increase in surface water run-off from a large open surface area on site because of vegetation removal	Construction and operations	Short term	Moderate	Local	Direct	Improbable	Moderate
	With Mitigation	Generation of dust causing a nuisance to neighbouring residents and businesses	Construction	Short term	Low	Local	Direct	Probable	Low
	No Mitigation	Generation of dust causing a nuisance to neighbouring residents and businesses	Construction	Short term	Moderate	Local	Direct	Probable	Moderate
	With Mitigation	Fuel vapour and noxious smells may be released during UST	Operations	Long Term	Moderate	Local	Direct	Probable	Moderate

Environmental Impact	Element	Impact	Project Phase	Duration	Magnitude	Extent	Type	Probability	Significance
		refill, through vent pipes and during vehicle refilling processes.							
	No Mitigation	Fuel vapour and noxious smells may be released during UST refill, through vent pipes and during vehicle refilling processes.	Operations	Long Term	Moderate	Local	Direct	Probable	High
	With Mitigation	Nuisance from construction machinery and vehicular noise.	Construction and operation	Long term (operation)	Low	local	Direct	Probable	Low
	No Mitigation	Nuisance from construction machinery and vehicular noise.	Construction and operation	Long term (operation)	Moderate	local	Direct	Probable	Moderate
	With Mitigation	Visual impacts due to use of unsustainable disposal methods	Construction and Operations	Long term	Low	Local	Direct	Probable	Low
	No Mitigation	Visual impacts due to use of unsustainable disposal methods	Construction and Operations	Long term	Moderate	Local	Direct	Probable	Moderate
<b>FAUNA</b>	With Mitigation	Loss of habitat and clearing or damage to vegetation	Construction	Short Time	Moderate	Local	Direct	Highly Probable	Moderate
	No Mitigation	Loss of habitat and clearing or damage to vegetation	Construction	Short Time	High	Local	Direct	Highly Probable	High

Environmental Impact	Element	Impact	Project Phase	Duration	Magnitude	Extent	Type	Probability	Significance
<b>FLORA</b>	With Mitigation	Proliferation of invasive species Establishment of bush encroachers in disturbed areas.	Construction and Operations	Long Term	Low	Local	Direct	Probable	Low
	No Mitigation	Proliferation of invasive species Establishment of bush encroachers in disturbed areas.	Construction and Operations	Long Term	Low	Local	Direct	Probable	<b>Moderate</b>
	With Mitigation	Illegal collection of firewood	Construction and Operations	Long Term	Low	Local	Direct	Probable	Low
	No Mitigation	Illegal collection of firewood	Construction and Operations	Long Term	Low	Local	Direct	Probable	Low
	With Mitigation	Clearing of land may lead to destruction of protected vegetation and loss of biodiversity. Loss of mature and protected tree species due to clearing of land for parking space.	Construction	Short Term	Low	Local	Direct	Highly Probable	Low
	No Mitigation	Clearing of land may lead to destruction of protected vegetation and loss of biodiversity. Loss of mature and protected tree species	Construction	Short Term	Moderate	Local	Direct	Highly Probable	<b>Moderate</b>



Environmental Impact	Element	Impact	Project Phase	Duration	Magnitude	Extent	Type	Probability	Significance
		due to clearing of land for parking space.							
	With Mitigation	Uncontrolled/accidental fires	Construction and Operations	Long Term	High	Local	Direct	Probable	Moderate
	No Mitigation	Uncontrolled/accidental fires	Construction and Operations	Long Term	High	Local	Direct	Probable	Moderate
<b>SOCIO-ECONOMIC</b>	With Mitigation	Temporary employment prospects in the area	Construction	Short Term	Low	Local	Direct	Probable	Moderate Positive
	No Mitigation	Temporary employment prospects in the area	Construction	Short Term	Low	Local	Direct	Probable	Moderate Positive
	With Mitigation	Security concerns due to increased number of persons in areas	Construction and Operations	Long	High	Local	Direct	Probable	Moderate Positive
	No Mitigation	Security concerns due to increased number of persons in areas	Construction and Operations	Long	High	Local	Direct	Probable	Moderate Positive
	With Mitigation	Job creation permanent workforce	Operations and constructions	Long term	Moderate	Local	Direct	Probable	Moderate Positive
	No Mitigation	Job creation permanent workforce	Operations and constructions	Long term	Moderate	Local	Direct	Probable	Moderate Positive

ENVIRONMENTAL SCOPING REPORT: PROPOSED ENDOLA SERVICE STATION IN ENDOLA SETTLEMENT, OHANGWENA REGION-NAMIBIA.

Environmental Impact	Element	Impact	Project Phase	Duration	Magnitude	Extent	Type	Probability	Significance
	With Mitigation	Improved infrastructure and services	Operations	Long Term	Moderate	National	Direct	Highly Probable	High Positive
	No Mitigation	Improved infrastructure and services	Operations	Long Term	Moderate	National	Direct	Highly Probable	High Positive
	With Mitigation	Employment and local procurement.	Construction and Operations	Long Term	Moderate	Local	Direct	Probable	Moderate Positive
	No Mitigation	Employment and local procurement.	Construction and Operations	Long Term	Moderate	Local	Direct	Probable	Moderate Positive

## **5.2. RECOMMENDATION**

Based on the Environmental Assessment it is concluded that most of the impacts identified can be addressed through the recommended mitigation and management actions for both the construction and operation phases of the fuel retail facility.

Should the recommendations included in this report and the EMP be implemented the significance of the impacts can be reduced to reasonably acceptable standards and durations. All developments could proceed provided that general mitigation measures as set out are implemented as a minimum.

In this respect it is recommended that the proposed service station receives an environmental clearance certificate, provided that the recommendations described in this report and the emp are implemented

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# ENVIRONMENTAL ASSESSMENT PROPOSED ENDOLA SERVICE STATION IN ENDOLA SETTLEMENT, OHANGWENA REGION- NAMIBIA.



## ENVIRONMENTAL MANAGEMENT PLAN

JANUARY 2021



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## Acronyms

<b>TERMS</b>	<b>DEFINITION</b>
BID	Background Information Document
EAP	Environmental Assessment Practitioners
ECC	Environmental Clearance Certificate
ECO	Environmental Control Officer
EIA	Environmental Impact Assessment
ESIA	Environmental and Social Impact Assessment
EMP	Environmental Management Plan
GHG	Greenhouse Gasses
ISO	International Organization for Standardization
I&Aps	Interested and Affected Parties
JBIC	Junior Baiano Industrial Consultants
MET: DEA	Ministry of Environment and Tourism's Directorate of Environmental Affairs

# **1. CHAPTER ONE: BACKGROUND**

## **1.1. INTRODUCTION**

Ino Investments Pty Ltd intends to spearhead direct investments in Endola settlement, Ohangwena Region. In this respect the company intends to construct and operate a fuel retail facility in the settlement.

In this respect the proponent has appointed Junior Baiano Industrial Consultants cc to undertake an Environmental Scoping Assessment (ESA), formulate an Environmental Management Plan (EMP) and apply for an Environmental Clearance Certificate (ECC) to the Ministry of Environment and Tourism (MET): Directorate of Environmental Affairs (DEA) for the intended development.

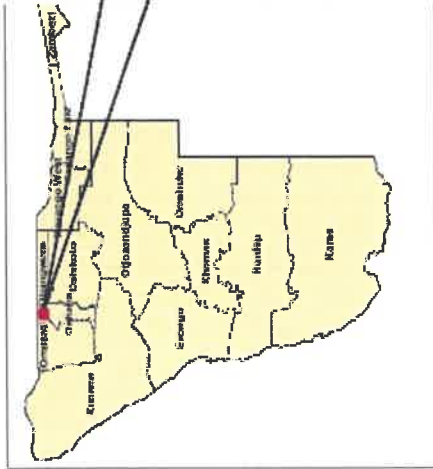
This document forms part of the application to be made to the DEA's office for an ECC for the proposed fuel retail facility (service station) establishment, according to the guidelines and statutes of the Environmental Management Act No.7 of 2007 and the Environmental Impacts Regulations (GN 30 in GG 4878 of 6 February 2012).

## **1.2. PROJECT LOCATION**

The proposed project site is located about 30km North of Oshakati town, along the Oshakati-Oshikango C45 highway. The project site is overlooking Endola shopping Centre to the west. The map below (Figure 1) gives an aerial view of the project site.



# PROPOSED ENDOLA SERVICE STATION IN ENDOLA SETTLEMENT, OHANGWENA REGION-NAMIBIA



**Legend**  
 Endola\_Service\_Station

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**Figure 1: Proposed Fuel Retail Facility site.**

### **1.3. PROJECT DESCRIPTION**

#### **1.3.1. DEVELOPMENT PROPOSAL & LAYOUT**

It is the intention of the proponent to construct and operate a service station establishment in Endola.

#### **1.3.2. SERVICE STATION**

The service station would be a 6-pump canopy supported by 4 tanks of 46 000 liters storing petrol and diesel. There will also be a convenience store and a mini-market on the proposed site.

The proposed facilities and services on site entail the following:

- Paved parking for vehicles,
- Fuel storage tanks and dispensation bay for refueling purposes,
- Convenience Store,
- Mini-market
- Offices for administrative and control center personnel, and
- Ablution facilities.

#### **1.3.3. ACCESSIBILITY**

The site can be accessed through the existing C45 highway.

#### **1.3.4. INFRASTRUCTURE AND SERVICES**

The proposed development will be connected to the existing Endola settlement sewer reticulation system.

### **1.4. NEED AND DESIRABILITY**

The proposed activity is a welcome development in Endola, due to the increase in vehicles in the settlement, and the current settlement growth in general. This is anticipated to reduce pressure on the existing fuel retail facilities in Endola.

The proposed site is desirable to be developed as proposed due to its location which is ideal for the proposed service station because of its ease of accessibility and proximity to the C45 highway.

### **1.5. OBJECTIVES OF THIS STUDY**

This Environmental Scoping Assessment is being undertaken in compliance with the Environmental Management Act No.7 of 2007 and the Environmental Impact Assessments Regulations (GN 30 in GG 4878 of 6 February 2012). It is a prerequisite by the law to have an Environmental Assessment carried out before the implementation of the prescribed projects as elaborated in the Environmental Impact Regulations (GN 30 in GG 4878 of 6 February 2012).

In terms of the Environmental Impact Assessment Regulations 2012, the proposed project triggered the application for an environmental clearance certificate because of the following activities:

#### **✓ HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE**

- *Activity 9.2: Any process or activity which requires a permit, licence or other form of authorisation, or the modification of or changes to existing facilities for any process or activity which requires an amendment of an existing permit, licence or authorisation or which requires a new permit, licence or authorisation in terms of a law governing the generation or release of emissions, pollution, effluent or waste.*
- *Activity 9.4: The storage and handling of a dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.*
- *Activity 9.5: The Construction of filling stations or any other facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.*

The main objectives of this study are as follows:

- To identify and provide mitigation measures of the expected impacts of the proposed establishment to protect the environment;
- To brief the project proponent of the legal and policy framework governing the proposed activity;
- To identify the possible changes in bio-diversity index that might occur because of project implementation in the area;
- To reflect on the various public concerns which will inform the proponents and DEA's decision making;
- To come up with preventive and precautionary measures for the expected physical and biological environmental negative impacts associated with the proposed activities;
- To structure an effective environmental management plan for the proposed activity to minimise and prevent negative impacts and maximise the positive impacts.

#### **1.6. TERMS OF REFERENCE**

The Environmental Scoping Assessment conducted by Junior Baiano Industrial Consultants (JBIC) cc provides a comprehensive evaluation of the proposed project producing both ESA and EMP reports documenting the following:

- A complete description of the existing site proposed for development;
- Significant environmental issues of concern that were based on the baseline data compiled by the ESA Team, which took into consideration social, cultural and heritage information;
- An assessment of the public perception on the proposed development.
- Identification of Policies, Legislation and Regulations relevant to the project;
- Prediction of the likely short, medium and long-term impact of the development on the environment, including direct, indirect and cumulative impacts, and their relative importance to the design of the development's facilities;

- Identification of any mitigation actions to be taken to minimize predicted adverse impacts and provide associated costs where applicable and practical;
- Development of an environmental monitoring plan which will ensure that the mitigation measures are adhered to during the implementation phase;
- A conclusion and recommendation for the project proponent on an advisory note.

## 2. CHAPTER TWO: POLICY, LEGAL AND ADMINISTRATIVE FRAMEWORK

### 2.1. INTRODUCTION

An important part of the ESA is identifying and reviewing the administrative, policy and legislative situation concerning the proposed activity, to inform the proponent about the requirements to be fulfilled in undertaking the proposed activities. This section looks at the legislative framework within which the proposed development will operate under.

The focus is on the compliance with the legislation during the planning, construction and operational phases. All relevant legislation, policies and international statutes applicable to the project are highlighted in **Error! Reference source not found.** below as specified in the Environmental Management Act, 2007 (Act No.7 of 2007) and the regulations for Environmental Impact Assessment as set out in the Schedule of Government Notice No. 30 (2012). An explanation is additionally provided regarding how these provisions apply to this project.

**Table 1: Relevant legislation, policies and international statutes applicable to the project**

Aspect	Legislation	Relevant Provisions	Relevance to the Project
<b>The Constitution</b>	Namibian Constitution First Amendment Act 34 of 1998	<ul style="list-style-type: none"> <li>Article 16(1) guarantees all persons the right to property. It therefore provides everyone a right to acquire, own and dispose of property, alone or in association with others and to bequeath such property.</li> <li>Article 95(f) "The State shall actively promote and maintain the welfare of the people by adopting policies that are aimed at maintaining ecosystems, essential ecological processes and the biological diversity of Namibia. It further promotes the sustainable utilisation of living natural resources for the benefit of all Namibians, both present and future."</li> </ul>	<ul style="list-style-type: none"> <li>The project will enable the full execution of right to practice any profession, or carry on any occupation, trade or business by availing necessary provisions such as practising any profession, or carry on any occupation, trade or business in the country.</li> <li>Through implementation of the environmental management plan, the proponent will ensure conformity to the constitution in terms of environmental management and sustainability.</li> </ul>
<b>National Development Plans</b>		Namibia's overall Development ambitions are articulated in the National Vision 2030. At the operational level, five-yearly national development plans (NDP's) are prepared in extensive consultations led by the National Planning Commission in the Office of the President. The Government has so far launched a 4th NDP focusing on high and sustained economic growth, increased income equality Employment creation.	The proposed project will propel NDP4 targets in logistics, tourism and commodities market. Adding on, this will create employment which will work towards the NDP and Vision 2030.
<b>Archaeology</b>	National Heritage Act 27 of 2004	Section 48(1) states that "A person may apply to the Namibian Heritage Council (NHC) for a permit to carry out	Any heritage resources discovered would require a permit from the NHC for

Aspect	Legislation	Relevant Provisions	Relevance to the Project
		works or activities in relation to a protected place or protected object”	relocation. The site is however already disturbed and semi-developed.
	National Monuments Act of Namibia (No. 28 of 1969) as amended until 1979	<ul style="list-style-type: none"> <li>• “No person shall destroy, damage, excavate, alter, remove from its original site or export from Namibia:</li> <li>• Meteorites, fossils, petroglyphs, ornamental infrastructure graves, caves, rock shelters, middens, shells that came into existence before the year 1900 AD; or any other archaeological or palaeontological finds</li> </ul>	The proposed site of development is not within any known monument sites, both movable and immovable as specified in the Act, however in finding any materials specified in the Act, contractors on site will take the required route and notify the relevant commission.
<b>Environmental</b>	Environmental Management Act 7 of 2007	<ul style="list-style-type: none"> <li>• Requires that projects with significant environmental impacts are subject to an environmental assessment process (Section 27).</li> <li>• Requires for adequate public participation during the environmental assessment process for interested and affected parties to voice their opinions about a project (Section 2(b-c)).</li> <li>• According to Section 5(4) a person may not discard waste as defined in Section 5(1)(b) in any way other than at a disposal site declared by the Minister of Environment and Tourism or in a manner prescribed by the Minister.</li> <li>• Details principles which are to guide all EIAs</li> <li>• Details requirements for public consultation within a given environmental assessment process (GN No 30 S21).</li> </ul>	This Act and its regulations should inform and guide this EIA process.
	EIA Regulations GN 57/2007 (GG 3812)		This Act and its regulations should inform and guide this EIA process.



Aspect	Legislation	Relevant Provisions	Relevance to the Project
		<ul style="list-style-type: none"> <li>Details the requirements for what should be included in a Scoping Report (GN No 30 S8) and EIA report (GN No 30 S15).</li> </ul>	
	Pollution and Waste Management Bill (draft)	<ul style="list-style-type: none"> <li>This bill defines pollution and the different types of pollution. It also points out how the Government intends to regulate the different types of pollution to maintain a clean and safe environment.</li> <li>The bill also describes how waste should be managed to reduce environmental pollution. Failure to comply with the requirements considered an offence and is punishable.</li> </ul>	The project should be executed in harmony with the requirements of the act to reduce negative impacts on the surrounding environs from waste during construction or operation.
	Soil Conservation Act 76 of 1969	This act makes provision for combating and for the prevention of soil erosion, it promotes the conservation, protection and improvement of the soil, vegetation, sources and resources of the Republic of Namibia.	The Project impact on soil will rather be localised, however the Act should provide for guidelines of operation during construction to prevent soil erosion and contamination during operation.
	National Biodiversity Strategy and Action Plan (NBSAP2)	The action plan was operationalised in a bid to make aware the critical importance of biodiversity conservation in Namibia, putting together management of matters to do with ecosystems protection, biosafety, and biosystematics protection on both terrestrial and aquatic systems.	Forming part of the EIA of and EMP for this Project, the proponent will consider all associated impacts, both acute and long term, and will propose methods and ways to sustain the local biodiversity.
<b>Forestry</b>	Forest Act 12 of 2001	<ul style="list-style-type: none"> <li>Tree species and any vegetation within 100m from a watercourse may not be removed without a permit (S22(1))</li> </ul>	The clearing of vegetation is prohibited (subject to a permit) 100m either side of a river. Certain tree species occurring in

Aspect	Legislation	Relevant Provisions	Relevance to the Project
		<ul style="list-style-type: none"> <li>Provision for the protection of various plant species.</li> </ul>	<p>the area are protected under this Act. Permits must be obtained from MAWF in accordance with the Act.</p> <p>However, on site there are no trees that require clearing permit.</p>
<b>Water</b>	Water Act 54 of 1956	<ul style="list-style-type: none"> <li>The Water Resources Management Act 24 of 2004 is presently without regulations; therefore, the Water Act No 54 of 1956 is still in force:</li> <li>A permit application in terms of Sections 21(1) and 21(2) of the Water Act is required for the disposal of industrial or domestic wastewater and effluent.</li> <li>Prohibits the pollution of underground and surface water bodies (S23(1)).</li> <li>Liability of clean-up costs after closure/ abandonment of an activity (S23(2)).</li> <li>Protection from surface and underground water pollution</li> </ul>	<p>The protection of ground and surface water resources should guide development's layout plans.</p>
<b>Health and Safety</b>	Labour Act (No 11 of 2007) in conjunction with Regulation 156, 'Regulations Relating to the Health and Safety of Employees at work'.	<ul style="list-style-type: none"> <li>135 (f): "the steps to be taken by the owners of premises used or intended for use as factories or places where machinery is used, or by occupiers of such premises or by users of machinery about the structure of such buildings of otherwise to prevent or extinguish fires, and to ensure the safety in the event of fire, of persons in such building;" (Ministry of Labour and Social Welfare).</li> </ul>	<p>The proponent will employ several people and shall ensure securing a safe environment and preserving the health and welfare of employees at work. This will include applying appropriate hazard management plans and enforcing Occupational Health and Safety (OHS) enforcement by contractors.</p>

Aspect	Legislation	Relevant Provisions	Relevance to the Project
		<ul style="list-style-type: none"> <li>This act emphasizes and regulates basic terms and conditions of employment, it guarantees prospective health, safety and welfare of employees and protects employees from unfair labour practices.</li> </ul>	
	Public Health and Environmental Act, 2015	<ul style="list-style-type: none"> <li>Under this act, in section 119: "No person shall cause a nuisance or shall suffer to exist on any land or premises owned or occupied by him or of which he is in charge any nuisance or other condition liable to be injurious or dangerous to health."</li> </ul>	The service station operation will ensure compliance to the terms of the Act.
<b>Services and Infrastructure</b>	Road Ordinance 1972 (Ordinance 17 Of 1972)	<ul style="list-style-type: none"> <li>Width of proclaimed roads and road reserve boundaries (S3.1)</li> <li>Control of traffic during construction activities on trunk and main roads (S27.1)</li> <li>Infringements and obstructions on and interference with proclaimed roads. (S37.1)</li> <li>Distance from proclaimed roads at which fences are erected (S38)</li> </ul>	Although the project is a major boost for the town, the commodities market and the national highways the proponent needs to ensure that the development do not affect the major roads within their vicinity during construction and operation phases.

### **3. CHAPTER THREE: ENVIRONMENTAL MANAGEMENT PLAN (EMP)**

#### **3.1. INTRODUCTION**

In line with the Namibian Environmental Management legislation and International best practices the proponent will implement an Environmental Management Plan (EMP) to prevent, minimise and mitigate negative impacts. The environmental management plan is being developed by Junior Baiano Industrial Consultants (JBIC) cc to address all the identified expected impacts, the plan will be monitored and updated on a continuous basis with aim for continuous improvement to addressing impacts.

This section outlines the Environmental Management Plan (EMP) for the proposed fuel retail facility in Endola settlement. The EMP stipulates the management of environmental programs in a systematic, planned and documented manner. The EMP below includes the organizational structure, planning and monitoring for environmental protection at the proposed development site and other areas of its influence. The aim is to ensure that the facility maintains adequately controlled over the project operations to:

- To prevent negative impacts where possible;
- Reduce or minimise the extent of impact during project life cycle;
- Prevent long term environmental degradation.

#### **3.2. EMP ADMINISTRATION**

There is a strong need to clearly outline the roles and responsibilities of all stakeholders to ensure that the EMP is fully implemented. There is also a need for the proponent to appoint an overall responsible person (project manager) to ensure the successful implementation of the EMP as highlighted on table 3:

**Table 2: Roles and Responsibilities in EMP Implementation**

ROLE	RESPONSIBILITIES
Ino Investments Pty Ltd	Responsible to enforce EMP implementation to contractors
Environmental Control Officer	<ul style="list-style-type: none"> <li>• Implement, review and update the EMP.</li> <li>• Ensure all reporting and monitoring required under EMP is undertaken, documented and distributed as needed</li> <li>• Conduct environmental site training (toolbox talks) and inductions with the support of an environmental consultant.</li> <li>• Conducts environmental audit at work site with the support of environmental consultant.</li> <li>• Close out all non-conformances.</li> <li>• Ensure materials being used on site are environmentally friendly and safe.</li> </ul>
The Department of Environmental Affairs	<ul style="list-style-type: none"> <li>• Review the EMP and any amendments to the EMP.</li> <li>• Review reports of environmental issues and non-conformances as issued.</li> <li>• Review and approve environmental reports submitted as part of EMP implementation</li> </ul>
Site Engineers	<ul style="list-style-type: none"> <li>• Control and monitor actions required by the EMP.</li> <li>• Report all environmental issues to HSE Manager.</li> <li>• Ensure documented procedures are followed and records kept on site.</li> <li>• Ensure any complaints are passed onto the management within 24 hours of receiving the complaint.</li> </ul>
Workers	<ul style="list-style-type: none"> <li>• Follow requirements as directed by site engineers.</li> <li>• Report any potential environmental issues to site engineer/project manager, indicating spilt oil, excess waste, excessive dust generation, dirty water running off the site and other possible non-conformances</li> </ul>

### **3.3. EMP MANAGEMENT ACTIONS**

The management actions aim to avoid potential impacts where possible. Where impacts cannot be avoided, management actions are outlined in order to minimize the significant impacts.

The tables below outline the specific management actions which need to be undertaken during the construction and operational phase of the development to ensure that the site activities are compliant.

### **3.4. CONSTRUCTION PHASE MANAGEMENT ACTIONS**

Table 8 below outlines the management actions to be undertaken during the construction phase of the project to ensure compliance with the EMP.

**Table 3 : Construction Phase Management Actions**

Impact	Description	Effects	Time frame	Responsibility	Action
<b>Noise pollution</b>	<p>Noise will be generated through:</p> <ul style="list-style-type: none"> <li>• Construction of drainage services and water reticulation systems.</li> <li>• Construction of site structures</li> <li>• Moving of vehicles.</li> </ul>	<ul style="list-style-type: none"> <li>• The health of working personnel could be disturbed.</li> <li>• Passers-by could be disturbed by the noise.</li> <li>• General annoyance</li> <li>• Drive away local animal species near the project site</li> </ul>	6-8 months	<ul style="list-style-type: none"> <li>• ECO</li> <li>• Site Manger</li> </ul>	<ul style="list-style-type: none"> <li>• A construction interval will be established, used and adhered to, daytime only (6am to 5pm).</li> <li>• During operation the service station will operate 24 hrs a day.</li> <li>• Workers will be issued ear plugs to protect them from excessive noise.</li> <li>• Public will be notified through printed timetable stating planned operational activities.</li> <li>• Site notices will be erected on and around the site notifying visitors and nearby residents of different hazards on site.</li> </ul>
<b>Dust Generation</b>	<p>Dust will accumulate because of the land preparation, onsite movements of vehicles and machines, wind blowing on loose</p>	<ul style="list-style-type: none"> <li>• Can lead to respiratory illnesses especially to those working in the area.</li> <li>• General air pollution.</li> <li>• Nuisance to nearby residents</li> </ul>	6-8 months	<ul style="list-style-type: none"> <li>• ECO</li> <li>• Project Manger</li> </ul>	<ul style="list-style-type: none"> <li>• Dust suppression will be done through watering dust sources surfaces.</li> <li>• Ensure that protective equipment such as respirators are distributed to employees and ensure their use.</li> </ul>

Impact	Description	Effects	Time frame	Responsibility	Action
	material during construction and tipping.				<ul style="list-style-type: none"> <li>Site notices to be erected on and around the site to inform visitors and surrounding residents.</li> <li>Avoid construction operations during windy days.</li> <li>Regular testing of dust levels during construction period (PPM), maintain dust levels at minimum by monitoring construction activities, stop operations if dust levels are high.</li> </ul>
Debris Accumulation	Debris will accumulate due to construction activities, removal of existing dilapidated infrastructure on site	<ul style="list-style-type: none"> <li>Can be an eyesore.</li> <li>Can be source of water and soil pollution.</li> <li>Can result in scenic pollution</li> </ul>	2-3 months	ECO	<ul style="list-style-type: none"> <li>Reuse reusable material such as bricks.</li> <li>Recycle where possible</li> <li>Reduce debris accumulation by acquiring/procuring only material that is sufficient, avoid over stocking of construction material.</li> <li>Collect all non-reusable debris and dispose at Endola settlement dumping sites.</li> </ul>
Loss of Biodiversity	<ul style="list-style-type: none"> <li>Vegetative plants on site will be removed</li> </ul>	<ul style="list-style-type: none"> <li>The clearing of vegetation will result in the breaking of</li> </ul>	Construction phase	<ul style="list-style-type: none"> <li>ECO</li> <li>Site Manager</li> </ul>	<ul style="list-style-type: none"> <li>The proposed project area surroundings are already developed,</li> </ul>



Impact	Description	Effects	Time frame	Responsibility	Action
	<ul style="list-style-type: none"> <li>Habitat destruction for both ground dwelling species and tree dwelling species.</li> <li>Soil disturbance on and around the site.</li> </ul>	<p>the ecosystem processes in the area.</p> <ul style="list-style-type: none"> <li>Loss of aesthetic value of the proposed project area.</li> <li>The few small animals still habituating the place such as small rodents and birds will be forced away.</li> <li>The ecosystem food chain on and around the area will be broken.</li> </ul>			<p>hence there is little vegetation to be affected by the development.</p> <ul style="list-style-type: none"> <li>All the major trees will be preserved, and the layout plan will fit into the environment without affecting the trees.</li> <li>Ground disturbance will only be limited to boundary area to avoid affecting a large area.</li> </ul>
<b>Greenhouse gas emissions</b>	<p>Green House Gasses (GHGs) emissions will be produced from the following activities:</p> <ul style="list-style-type: none"> <li>Fuels combustion for transport (construction vehicles and equipment)</li> </ul>	<p>-Global climate change - Air pollution</p>	12 Months	<ul style="list-style-type: none"> <li>ECO Project Manager</li> <li>Department of Environmental Affairs.</li> </ul>	<ul style="list-style-type: none"> <li>Adopt the use of ethanol blended fuels wherever necessary.</li> <li>Design an operation system that cuts on fuel consumption.</li> <li>Promote the use of energy efficient machinery, equipment and electricals during construction and operation</li> </ul>

Impact	Description	Effects	Time frame	Responsibility	Action
	<ul style="list-style-type: none"> <li>Ground excavation releases phosphorus found underground and releases particulate matter into the atmosphere.</li> </ul>				
<b>Pollution from construction activities</b>	<p>Construction is associated with a lot of raw material and activities that results in pollution</p>	<ul style="list-style-type: none"> <li>Chemical pollution from oil spills resulting from the handling of various machineries used during the construction phase</li> <li>Construction rubble, empty packaging containers/bags and materials remnants.</li> <li>Construction workers can also pollute the</li> </ul>	Construction phase	<ul style="list-style-type: none"> <li>ECO</li> <li>Project Manger</li> </ul>	<ul style="list-style-type: none"> <li>Ensure that all waste from construction activities is stored and contained in designated skip containers and transported to a nearby waste disposal site.</li> <li>Bulky waste such as building rubbles must be collected and disposed of at any of the various municipal satellite sites or for landfilling.</li> </ul>

Impact	Description	Effects	Time frame	Responsibility	Action
		<p>surrounding environs if they are not provided with adequate toilet facilities and a waste management system for domestic waste.</p>			<ul style="list-style-type: none"> <li>• Adequate mobile toilets must be provided at the construction camps for the use of the workers.</li> <li>• A skip container will be put on site and regularly emptied to handle domestic waste.</li> </ul>
<p><b>Hydrocarbons release into the environment</b></p>	<p>The storage of fuel in underground tanks poses a risk of spillage of hydrocarbons additionally also from vehicles and machinery operations, maintenance through leakages and spillages which may result in environmental contamination</p>	<ul style="list-style-type: none"> <li>• Washing away of contaminated soils by rains into nearby rivers</li> <li>• Pollution of soil and affecting small living organisms habituating the soil</li> <li>• Result in possible groundwater pollution.</li> <li>• Possible fire risk on and around the site</li> </ul>	<p>Construction Phase</p>	<ul style="list-style-type: none"> <li>• ECO</li> <li>• Project Manager</li> <li>• Department of Environmental Affairs.</li> </ul>	<ul style="list-style-type: none"> <li>• Implement a maintenance programme to ensure all vehicles, machinery and equipment are remain in proper working order</li> <li>• Vehicle maintenance should be Conducted in designated areas only, preferably off-site.</li> <li>• Waste oil, fuels and other chemicals from drip trays on stationary vehicles and machinery will be disposed of as hazardous waste at a licensed facility by a specialist hazardous waste handler.</li> <li>• Oil residue will be treated with oil absorbent material such as Drizit or</li> </ul>

Impact	Description	Effects	Time frame	Responsibility	Action
					<p>bio-remediation and removed to an approved waste disposal site.</p> <ul style="list-style-type: none"> <li>No bins containing organic solvents such as paint and thinners shall be cleaned on site, unless containers for liquid waste disposal are provided on site.</li> </ul>
<p><b>Safety and Health risks</b></p>	<p>Construction related Safety and Health hazards</p>	<p>Injuries to workers such as Occupational dermatitis, slips and fall of humans and objects, musculoskeletal disorders, etc.</p>	<p>Construction phase</p>	<p>Project manager</p>	<ul style="list-style-type: none"> <li>Equip workers with Personal Protective Equipment (PPE), provide trainings on how to effectively use the PPE.</li> <li>Provide platforms for briefings and meetings about possible safety and health hazards in the workplace.</li> <li>Provide site signs warning and informing about different hazards on site.</li> </ul>
<p><b>Population Influx</b></p>	<p>The project will bring in skilled and unskilled workforce into Endola</p>	<ul style="list-style-type: none"> <li>There is potential for cultural systems conflict</li> </ul>	<p>Construction phase</p>	<ul style="list-style-type: none"> <li>ECO</li> <li>Project Manger</li> </ul>	<ul style="list-style-type: none"> <li>Train and brief employees to respect local cultures and leaders,</li> </ul>

Impact	Description	Effects	Time frame	Responsibility	Action
	area from other places increasing population density in the area.	<p>between locals and new people in the area</p> <ul style="list-style-type: none"> <li>• Potential for rife prostitution and spread of HIV/AIDS and other STDs</li> <li>• Potential for scaring away of local wild animals, poaching and removal of protected indigenous vegetative species</li> </ul>			<ul style="list-style-type: none"> <li>• Engage on massive sexual health training and awareness and providing contraceptives such as condoms, as well as provide means counselling for those that are affected by HIV/AIDS and other STDs,</li> <li>• Provide environmental trainings and continue a regular basis briefing the employees about nature conservation (animal and plants) and discourage indiscriminate vegetation clearance.</li> </ul>
<b>Land change</b>	The environment will drastically change from a dormant piece of land to a modernised urban development.	Sudden change in landscape appearances may be unfavourable to the residents who frequent the area.	Permanent	<ul style="list-style-type: none"> <li>• ECO</li> <li>• Project Manger</li> </ul>	<ul style="list-style-type: none"> <li>• The development should blend into the existing area through designing and colour coding.</li> <li>• Green designing will bring life to the site and blend with surrounding areas.</li> </ul>
<b>Extraction of consumption resources</b>	Construction raw materials such as sand and aggregate come	-Sand abstractors may result in degradation from the source areas.	Construction phase	<ul style="list-style-type: none"> <li>• ECO</li> <li>• Site Engineer</li> </ul>	The project manager will only make sure that suppliers of raw materials from the extractive industry have an

Impact	Description	Effects	Time frame	Responsibility	Action
	from the extractive industry and it might have detrimental impacts on the environment.	-Unsustainable construction practices can cause damage to the ecological and social environment through noise, driving away animals and destruction of forest resources.			Environmental Clearance Certificate for their activities.
<b>Resources consumption</b>	The construction industry can be resource intensive, i.e. electrical and water resources.	The project can result in a strain on available water resources and electricity.	Construction phase.	<ul style="list-style-type: none"> <li>• ECO</li> <li>• Project Manger</li> </ul>	<ul style="list-style-type: none"> <li>• Water saving should be ensured by the site manager i.e. repairing leakages, opening taps only when water is required and recycling of water on site.</li> <li>• Electricity supply can be augmented by sustainable energy such as solar to power things such as boreholes and smaller appliances on site.</li> </ul>
<b>Employment creation</b>	The construction exercise provides an opportunity of outsourcing work	Improves disposable income to those employed and their immediate families.	Project lifetime	Project Manger	Work with local leadership (councillor) on acquiring non-skilled labour from the residents.

Impact	Description	Effects	Time frame	Responsibility	Action
<b>Business linkages</b>	Raw materials acquiring and contracting companies provide an opportunity for businesses.	<ul style="list-style-type: none"> <li>Local suppliers will be presented with an opportunity to empower their businesses.</li> <li>Construction workers can be provided with accommodation, food and services from the local community increasing business activities.</li> </ul>	Construction phase	Project Manger	The proponent will outsource most of its materials and services from Endola.

### **3.5. OPERATIONAL PHASE**

The operational phase is the most critical component of project implementation since it is more on a long term, however and it is normally associated with less impacts as compared to construction phase. This phase will comprise of the actual day to day running of the service station. This phase is expected to last permanently, but with upgrading activities occasionally. There will be several impacts that will occur on a daily basis or other sequential routine. The phase forms the basis of an Environmental Management Plan that is detailed in Chapter and will be followed by the decommissioning phase. The major impacts identified by this study for the operational phase are as detailed in the previous chapter.



**Table 4: Impacts associated with the Operation Phase**

Aspect	Description	Effects	Time Frame	Responsibility	Action
<b>Noise pollution</b>	<ul style="list-style-type: none"> <li>• Vehicle movements</li> <li>• People at the operational sites</li> </ul>	<ul style="list-style-type: none"> <li>• The health of working personnel could be disturbed.</li> <li>• Residents could be disturbed by the noise.</li> <li>• General annoyance</li> <li>• Driving away of local animal's species near the project site.</li> </ul>	Project lifetime	ECO	Provide public notices through printed timetable showing schedule of planned work.
<b>Air Quality</b>	<ul style="list-style-type: none"> <li>• Noxious Smells</li> <li>• Fumes</li> </ul>	<ul style="list-style-type: none"> <li>• Dizziness amongst employees</li> <li>• General environmental nuisance</li> <li>• Intoxication</li> <li>• Fumes poses fire risk</li> </ul>	Project lifetime	ECO	<ul style="list-style-type: none"> <li>• The fuel station must have vent pipes installed on the tanks</li> <li>• During underground tank refilling, a vapour containment system must be installed.</li> </ul>
<b>Occupational health and safety risks and accidents</b>	Dealing with hazardous substance can pose threats to workers and the surrounding people.	Injuries to workers such as Occupational dermatitis, slips and fall of humans and objects, musculoskeletal disorders, etc.	Project lifetime	ECO	<ul style="list-style-type: none"> <li>• Equip workers with Personal Protective Equipment (PPE).</li> <li>• Provide trainings on how to effectively use the PPE.</li> <li>• Provide platforms for briefings and meetings about possible safety and health hazards in the workplace</li> <li>• OHS legal appointments on site in accordance with the Labour Act and the OHS regulations.</li> </ul>

Aspect	Description	Effects	Time Frame	Responsibility	Action
<b>Water and soil quality</b>	Hydrocarbons release into the environment	Ground and surface water contamination: Both chemical and physical contamination	Project lifetime	DEA Namwater	<ul style="list-style-type: none"> <li>• Specific safety measures should be in place in case of fire and explosion.</li> <li>• On site staff should be trained in firefighting</li> <li>• Visual monitoring and photographic record of any surface and/or groundwater intersected during construction.</li> <li>• There is need to drill monitoring wells around the service station facility to monitor water samples quarterly, to check for pollution.</li> <li>• Visual monitoring during rainfall events to measure the level of contamination of runoff water</li> <li>• Vehicles and machinery are to be regularly serviced to minimise oil and fuel leaks.</li> <li>• An oil separator should be installed around the fuel dispensing bay, car washing bay and the truck parking bay to prevent oils being channelled into the main sewerage works.</li> </ul>
<b>Energy usage</b>	Operation of the service station consume electrical energy daily on some cases generators and standby, this can affect the atmosphere	Energy supply through the main grid will be strained	Perman ent	Building/Site manager	The proponent should explore the use of solar energy to power the area.

Aspect	Description	Effects	Time Frame	Responsibility	Action
<b>Solid Waste</b>	Solid waste will be generated by the activities and operations at the service station. It is therefore very important to construct appropriate infrastructure to management thus waste types like bins etc.	<ul style="list-style-type: none"> <li>• Eyesore to the environment</li> <li>• Unwanted nutrient disposal into the soils,</li> <li>• Detrimental to livestock health</li> </ul>	Permanent	-Site manager	<ul style="list-style-type: none"> <li>• Visual inspections and monitoring</li> <li>• All waste will be managed by the Endola Settlement from collection to dumping, the developer will ensure that domestic waste handling facilities such as solid waste bins and skip containers are available at the service station.</li> <li>• Waste separation will be provided for to allow for recycling of recyclable materials.</li> </ul>
<b>Sewerage and effluent waste</b>	Sewer and wastewater release into the environment	<ul style="list-style-type: none"> <li>• Health hazard</li> <li>• Communicable diseases</li> <li>• Eutrophication of rivers</li> <li>• Groundwater Contamination</li> </ul>	Permanent	Site Manager	<ul style="list-style-type: none"> <li>• All sewerage waste will be channelled into the town council sewer reticulation system.</li> <li>• Wastewater and solids on site will be cleared (desludged) regularly and the interval depends on actual tank capacity and disposal habits.</li> <li>• Wastewater from the oil and water separation pits to be analysed regularly to ensure that it's within acceptable quality.</li> <li>• General maintenance of all pipes and temporary tanks on site.</li> </ul>

Aspect	Description	Effects	Time Frame	Responsibility	Action
<p><b>Spillages and leakages</b></p>	<p>Underground tanks can leak or surface leaks and spillage during refilling</p>	<p>Adverse environmental contamination</p>	<p>Project lifetime</p>	<p>ECO</p>	<ul style="list-style-type: none"> <li>• Sand buckets to be on site to clean minor spillages during fill up</li> <li>• Spillages above 200 litres are to be reported immediately to Ministry of Mines and Energy and MET:DEA.,</li> <li>• Fuel, oils and chemicals are to be stored in banded areas.</li> <li>• Hazardous chemicals (such as fuels) are to be handled over areas provided with impervious surfaces.</li> <li>• Spills of hazardous chemicals are to be contained and cleaned-up to ensure protection of the environment.</li> <li>• All the necessary PPE required for the safe handling and use of petrochemicals and oils shall be provided to, and used or worn by, the onsite staff</li> <li>• Chemicals, oil and fuel must be stored securely to prevent any accidental spills.</li> <li>• A leakage detecting system to monitor underground fuel storage tanks should be installed to enable strict and practical detection of leakages.</li> <li>• The underground fuel storage tanks should be replaced on regular as recommended by suppliers as well</li> </ul>

Aspect	Description	Effects	Time Frame	Responsibility	Action
					<p>as depending on environmental conditions and natural disasters.</p> <ul style="list-style-type: none"> <li>All fuel storage and handling facilities in Namibia must also comply with strict safety distances as prescribed by SANS 10089.</li> </ul>
<b>Increased storm water flow</b>	The area is undeveloped hence most water quickly infiltrates as it reaches the ground, but due to the paving and hard surfaces storm water will increase	<ul style="list-style-type: none"> <li>Enhance the chances of flood occurrences</li> <li>Chances of soil erosion and gully formation will be increased</li> </ul>	Permanent	<ul style="list-style-type: none"> <li>Site Engineer</li> <li>ECO</li> </ul>	Standard storm water drainage will be part of the water reticulation designs indicating the storm water deposit areas.
<b>Infrastructure hazards</b>	Infrastructure hazards are potential risks that building pose to its inhabitants, local environment or surrounding residents.	<ul style="list-style-type: none"> <li>There is potential for building collapse.</li> <li>Firebreaks potential</li> </ul>	Permanent	<ul style="list-style-type: none"> <li>Site Engineer</li> <li>Contractor-Project proponent</li> <li>Buildings inspectorate</li> <li>Ministry of Health and Social Services.</li> </ul>	<ul style="list-style-type: none"> <li>Sewerage infrastructure will be regularly monitored and inspected over time.</li> <li>Standard buildings will be constructed</li> <li>Fire emergency evacuation plan will be put in place to avoid fatalities and injuries in case of an emergency.</li> </ul>

Aspect	Description	Effects	Time Frame	Responsibility	Action
<b>Development of the area</b>	The project will further develop Endola Settlement.	Ripple effects will result in construction of supporting infrastructure such as schools, hospitals, car services and supermarkets.	Permanent	<ul style="list-style-type: none"> <li>Ministry of Safety and security</li> </ul>	The Development should be regulated in such a way that the local people are empowered and benefit from the development activities.
<b>Revenue generation</b>	The development is bound by to pay tax and rates to the Ohangwena Regional Council and the government.	<ul style="list-style-type: none"> <li>The municipality and other service providers will benefit from revenue generation from the development</li> <li>-Business facilities will be paying tax to the government benefiting the country at large.</li> </ul>	Permanent	<ul style="list-style-type: none"> <li>Project proponent</li> </ul>	The project will benefit the locals, authorities and the government if all dues, rates and taxes are adhered to.
<b>Rehabilitation maintenance of the environment.</b>	Currently the project environment is already degraded	<ul style="list-style-type: none"> <li>-After construction trees will be planted and a green zone created improving the aesthetic value of the environment</li> </ul>	Permanent	Building/site manager	<ul style="list-style-type: none"> <li>During operation phase tree planting will continue and maintenance of the green zone.</li> </ul>

Aspect	Description	Effects	Time Frame	Responsibility	Action
		to a better position than it was before.			<ul style="list-style-type: none"> <li>Regular watering of the lawns that will be planted.</li> </ul>

### 3.6. ENVIRONMENTAL MONITORING PLAN

Monitoring is very important for identifying the success of mitigation measures formulated for the significant impacts identified. Monitoring of activities will identify impacts that have not been foreseen and give enough time to analyse the situation and formulate measures to minimise impacts. Survey records and results must be maintained for these monitoring and inspections, highlighting any problems and the measures taken to address it.

Prior to site preparation and construction activities, the main contractor should present an environmental monitoring plan (including, *inter alia*, location of construction camp and toilet facilities, location of material storage areas, solid waste management plan, dust control measures, activity schedule, etc.) for review and approval by the DEA, the environmental control officer and the project manager. The developer should present a landscape plan and the trees/vegetation earmarked for protection should be flagged and hoarded by the contractor.

The entity selected to carry out environmental monitoring of the construction works should then prepare an environmental monitoring programme based on the above, the requirements of the EIA, and conditions of the development permit. The major elements of the environmental impact monitoring programme to be implemented during the construction phase of the project are as follows:

- Site clearance to ensure that trees marked for protection are left untouched and that large areas of soil are not left exposed and uncovered for extended periods of time.
- Site drainage and surface runoff, especially during and shortly after major rainfall events, to ensure there is no flooding, ponding and runoff of surface water  
Compliance of construction works with site management and landscape plans.
- Ensure transportation of earth materials is done by covered trucks and from approved sites.
- The contractor must immediately and completely clean up spills of materials in public areas.
- Solid waste disposal practices to ensure appropriate on-site management and final disposal at approved dump.



#### **4. CHAPTER FOUR: CONCLUSION AND RECOMMENDATIONS**

The environmental impact assessment process for the proposed service station was conducted in accordance to the Environmental Management Act 2007 and EMA Regulation 2012. Further consideration was given to relevant legislation throughout the entire process to ensure a successful assessment process.

Impacts likely to occur during project phases (construction and operation) were assessed depicting a positive outlook despite limited details of the magnitude of the proposed development. Based on the assessment, the overall project is less damaging to the environment demonstrating high job creation opportunities and community development. Impacts with negative effects were also identified and summarized in a form of environmental management plan to ensure sustainable implementation.

The site has access to services such as electricity and roads for accessibility. Adding on the site has minimal vegetation such that no trees will be removed during the construction phase. It is important that the proponent observe and maintain accountability to both socio-economic and environmental sensitive activities from the project, such that the project is harmonized with policy, regulations, administrative frameworks and social interface with the public as proposed in the environmental management plan. Failure to observe these measures will significantly affect the local environment and lead to non-compliance. Therefore, implementation environmental protection measures should be executed in consultation with the key stakeholders.

JBIC cc hereby recommends that MET: DEA grant the environmental clearance certificate for the proposed Endola Service Station, under the condition of full implementation of this EMP.

## References

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# PUBLIC NOTICE

## ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION OF A SERVICE STATION IN ENDOLA SETTLEMENT, OHANGWENA

Junior Baiano Industrial Consultants cc hereby give notice to all potentially Interested Parties that an application will be made to Environmental Commissioner in terms of the Environmental Management Act and Environmental Impact Assessment Regulations (GN 30 of 6 February 2012) for the following:

**PROJECT LOCATION:** The proposed project site is located about 30km North of Erongo on the Oshikango C45 highway. The project site is overlooking the Erongo coastline.

**PROJECT DESCRIPTION:** The construction and operation of a fuel dispensation and storage facility.

**PROPOSITOR:** Ino Investment (PTY) LTD

### Public Meeting

**Date:** 16 February 2019

**Time:** 11 00hrs

**Venue:** Endola Community Hall

**ENVIRONMENTAL CONSULTANT:** Junior Baiano Industrial Consultants

### REGISTRATION OF I&APS AND SUBMISSION OF COMMENTS:

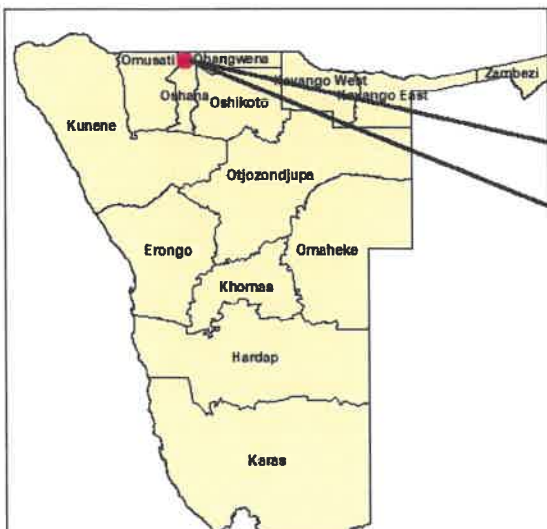
In line with Namibia's Environmental Management Act (No. 7 of 2007) and EIA regulations (GN 30 of 6 February 2012), all interested parties are hereby invited to register and submit their comments, concerns or questions. All I&APs must submit an Information Document (ID) consisting of descriptive information about the development and an I&AP, kindly contact Junior Baiano Industrial Consultants on the contact details below:

**Tel:** +264 (0) 81 147 2029

**Email:** [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)

**CLOSING DATE FOR COMMENTS: 01 March 2019**

## PROPOSED ENDOLA SERVICE STATION ENDOLA SETTLEMENT, OHANGWENA REGION



Po box 23537  
Windhoek  
Tel: 061-219773  
Cell: 0811472029  
[fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)

---

**To whom it may concern**

---

**SUBJECT: NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR PROPOSED CONSTRUCTION AND OPERATION OF A FUEL RETAIL FACILITY IN ENDOLA, OHANGWENA REGION-NAMIBIA**

Notice is hereby given that an application for Environmental Clearance in terms of Environmental Management Act of 2007 (Act no 7 of 2007) and its regulations, government notice no. 30 of 2012 will be subsisted to the Ministry of Environment and Tourism.

**Junior Baiano Industrial Consultants**, an independent Environmental Assessment Practitioner was appointed by **Ino Investments (PTY) LTD** to facilitate the EIA process. In this respect, you have been identified as key stakeholder/ interested and affected party thus we request your inputs to the EIA process being carried out.

For further enquiries do not hesitate to contact us on **061-219773/0811472029/08522222**

**Yours in truly,**

Fredrich Nghiyolwa



.....  
Managing Member  
**Junior Baiano Industrial Consultants**

## ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN ENDOLA VILLAGE, OHANGWENA REGION-NAMIBIA

PROPONENT: INO INVESTMENTS PTY LTD

ENVIRONMENTAL IMPACT ASSESSMENT-JANUARY 2019

### INTRODUCTION

**INO INVESTMENTS (PTY) LTD** intends to spearhead direct investments in Endola Settlement, in this respect they have embarked on developments in fuel supply and logistics.

In this respect Junior Baiano Industrial Consultants (JBIC) cc have been appointed to carry out an Environmental Assessment study to obtain an environmental clearance certificate as per the requirements of the Ministry of Mines and Energy and the Ministry of Environment and Tourism.

The study will incorporate biophysical, ecological and socio-economic baseline investigations relating to the proposed project. In terms of the Namibian environmental Impact Assessment Regulations of 2012, an Environmental Clearance Certificate is to be obtained before the project can proceed.

This is because the proposed projects falls under the list of Activities that would trigger the need for an Environmental Assessment as follows:

- Land use and development activities 5.1(d) use for nature conservation or zoned open space to any other land use.
- Hazardous substance treatment, handling and storage9.1 the manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

### AIMS & OBJECTIVES OF THIS EIA PROCESS

The aims of this EIA:

- To comply with Namibia's Environmental Assessment Policy, Environmental Management Act (No. 7 of 2007) with its 2012 EIA Regulations and the;
- Consult all interested and affected parties such as local residents, regional council, and line ministries to ensure that their inputs are taken into account;
- To assess the significance of issues and concerns raised;
- Review the legal and policy framework and its relevance to this project;
- Describe general and socio-economic environment of the project to determine impacts and suitability to the project site.
- Identify and assess impacts related to the continued operations.
- Compile an Assessment Report and Management Plan (EMP) which includes recommendations and methods to minimize the identified negative environmental impacts of the proposed project.
- To identify existing environmental conditions and associated environmental sensitivities within and adjacent to the project area that may potentially be affected, i.e. Environmental sensitivity and monitoring procedures.

### THE PUBLIC PARTICIPATION PROCESS







The Public Participation Process (PPP) is an integral part of the EIA process whereby it allows the public to obtain information about the proposed project, to view documentation, to provide input and voice any concerns concerning the project. The Public Participation Processes that will be undertaken will include consultation with the local authority, line ministries, government extension offices, owners of neighboring properties and other I&AP's living around the proposed area.

During the meeting participants will be availed an opportunity to comment, ask questions and raise any concerns be it environmental or social regarding the proposed solar farm. Comments will be recorded and considered in the Environmental Assessment report that will be submitted to the Ministry of Environment for review

## PROJECT DESCRIPTION

The applicant, Ino Investments Pty Ltd intends to embark the following developments on a piece of communal land in Endola Settlement:

The proposed project will mainly focus on the following developments:

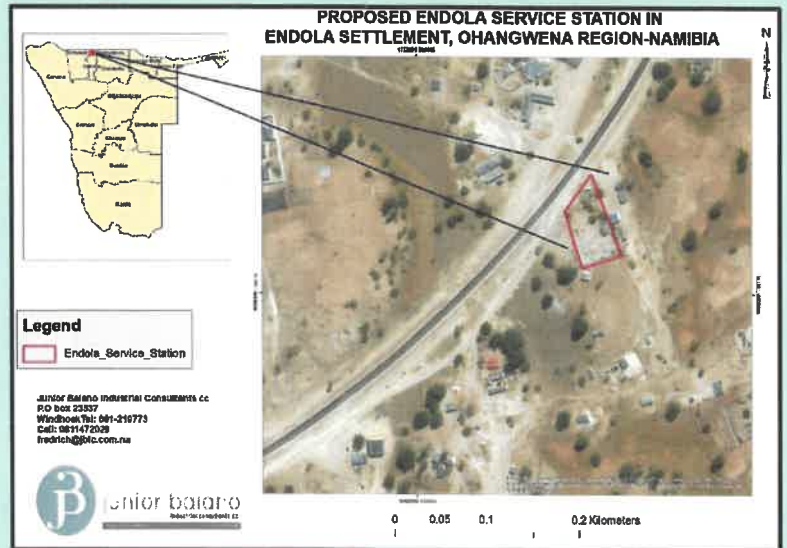
-  Fuel storage tanks
-  Fuel dispensation bay for refuelling retailing purposes
-  A workshop on site
-  A wash bay for washing vehicles
-  Offices to house the administrative and Control centre personnel;
-  Ablution and change house facilities for the drivers

The proposed infrastructure will have minimal impacts on the natural resources, i.e. water, fauna and flora. The operations will ensure minimal new land clearances on and around the site.

## PROJECT LOCATION

The proposed project site is located about 30km north along the Oshakati-Oshikango C45 highway. The project site is overlooking Endola shopping Centre to the west.

Figure1: Site Locality Map



## ANTICIPATED PROJECT IMPACTS

Potential Impacts	Assessment to be Undertaken
<b>Negative Impacts</b>	
Land use Change (Aesthetic value)	baseline assessment
Impacts on fauna and Flora	JBIC EIA Team Vertebrate fauna (wildlife) and flora (vegetation) specialist assessment If there is need for specialist Assessment, the consultation process will Inform.
Impacts on surface and groundwater resources	JBIC EIA Team baseline assessment
Health and Safety hazards	JBIC EIA Team baseline assessment
Cumulative impacts of the project Operation	JBIC EIA Team baseline assessment
<b>Positive Impacts</b>	
Revenue generation	JBIC EIA Team baseline assessment
Land rehabilitation	JBIC EIA Team baseline assessment
Employment creation	JBIC EIA Team baseline assessment

## HOW TO PARTICIPATE?

This Public Consultation process forms an important component of the Environmental Assessment process. It is defined in the EIA Regulations (2012), as a “process in which potential interested and affected parties are given an opportunity to comment on, or raise issues relevant to, specific matters” (S1).

You can participate through the following:

- Responding to the newspaper adverts for public meeting, availability of scoping report and decision made by MET.
- A public meeting will be held on Date and Venue of Public Meeting will be communicated in due course.

## OUR CONTACT DETAILS.....

You can send all your comments and enquiries to the following:

Mr Nghiyolwa, Fredrich  
 Tel: +264 (0) 81 147 2029  
 Email: [fredrich@jibic.com.na](mailto:fredrich@jibic.com.na)



**PUBLIC MEETING REGARDING THE ENVIRONMENTAL  
ASSESSMENT FOR THE PROPOSED CONSTRUCTION  
OF A FUEL RETAIL FACILITY IN ENDOLA  
OHANGWENA REGION**

**16 February 2019**

**13h00**

**Endola Community Hall**

**Presented by Fredrich Nghiyolwa**

**Junior Baiano Industrial Consultants cc**



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# Introduction & Purpose of this Meeting

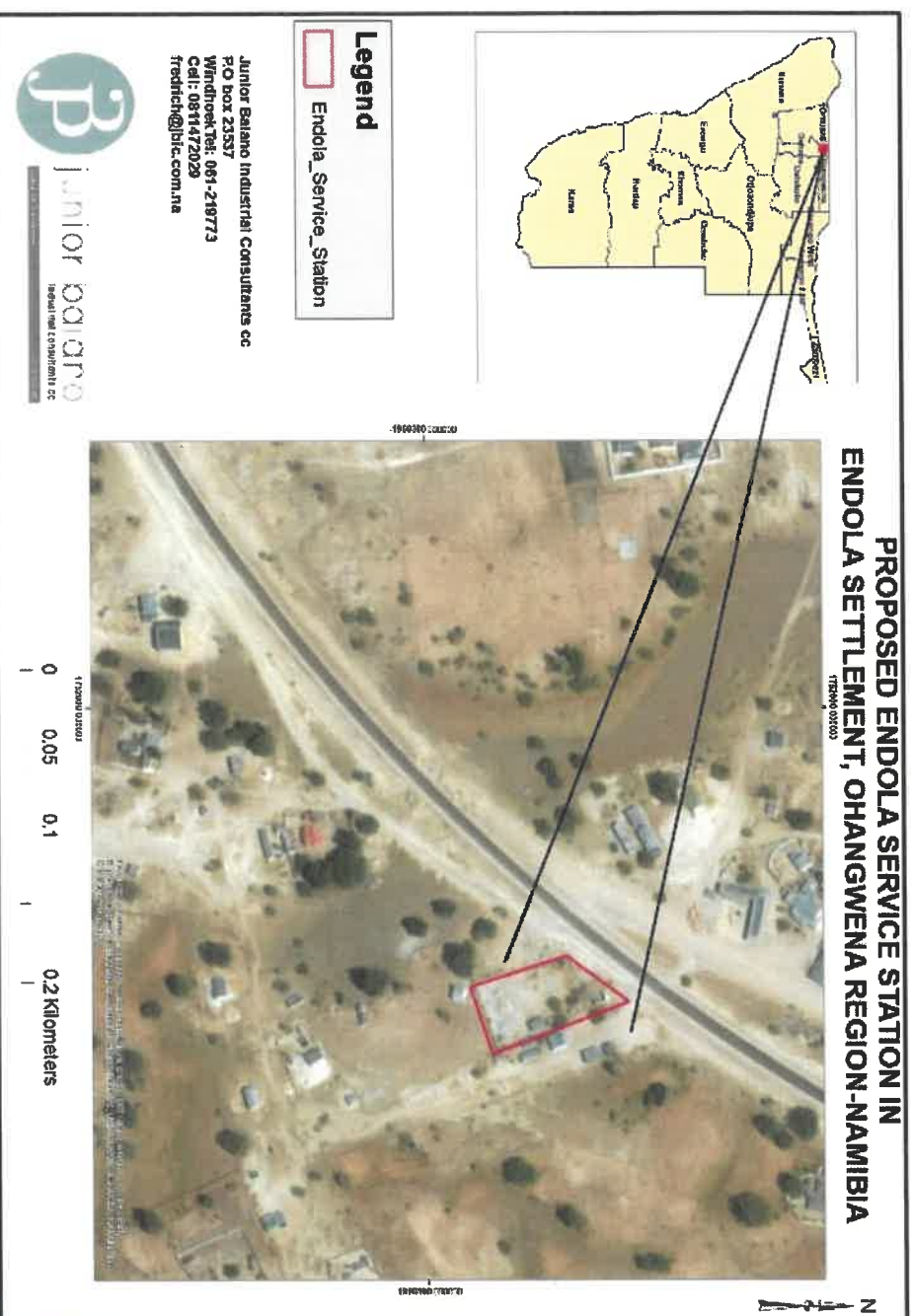
- ❖ Ino Investments intends to develop a new of a service station to cater for the motorists in and around Endola and those in transit to Oshakati or Oshikango
- ❖ In addition to the development, Endola is strategically located and its growing to be regional business hub of Ohangwena, which is surrounded by settlements, and it connects to Oshakati and Oshikango .
- ❖ Ino Investments thus appointed **Junior Baiano Industrial Consultants (JBIC)** to undertake the **Environmental Assessment (EA)** in order to obtain an **Environmental Clearance Certificate (ECC)** for the proposed developments.
- ❖ The competent authority is the Ministry of Mines and Energy whilst the Reviewing Authority is the Ministry of Environment and Tourism: Department of Environmental Affairs (MET: DEA).



# PROJECT RATIONAL

- ❖ Development in Endola is essential for the development of the region, since it is the Regional capital.
- ❖ Project is being undertaken in conjunction with the Government goals under the Harambee Prosperity Plan as well as the NDP5.
- ❖ Job creation
- ❖ New road
- ❖ Connects Oshakati to Oshikango

# PROJECT LOCATION



# Reason for Environmental Assessment

- ❖ To satisfy the requirements of the Environmental Management Act (EMA) (No. 7, 2007) and the Environmental Impact Assessment (EIA) regulations (GN 30 of 6 February 2012). The following listed activities were triggered by the proposed project:

ACTIVITY	RELEVANT SECTIONS
HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE	<p>-9.2 Any process or activity which requires a permit, licence or other form of authorisation, or the modification of or changes to existing facilities for any process or activity which requires an amendment of an existing permit, licence or authorisation or which requires a new permit, licence or authorisation in terms of a law governing the generation or release of emissions, pollution, effluent or waste.</p> <p>-9.4 The storage and handling of a dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.</p>

# Reason for Environmental Assessment cntd....

- ❖ Identify potential environmental impacts (social & biophysical) and to determine their likely significance
- ❖ Achieve Sustainable Development
- ❖ Recommend mitigation measures to minimise negative impacts and to enhance positive impacts
- ❖ Allow for public involvement
- ❖ Inform the Environmental Authority's decision-making (Ministry of Environment and Tourism: Department of Environmental Affairs and Development, MET:DEA)

# Public Participation Process to date

- ❖ Placing EIA advertisements in two newspapers (Confidente and Windhoek Observer)
- ❖ Announced in church and the radio
- ❖ Placing notices around Endola market,
- ❖ Providing written notice and Background Information Document (BID) to potential I&APs and stakeholders.
- ❖ Requesting potential I&APs to recommend other potential I&APs to be included in database (chain referral process).

# PROJECT CYCLE:

- Project Identification and design
- Environmental Impact Assessment
- Implementation
- Construction of the development

# ANTICIPATED PROJECT IMPACTS

Potential Impacts	Assessment to be Undertaken
<b>Negative Impacts</b>	
Land use Change (Aesthetic value)	baseline assessment
Impacts on fauna and Flora	JBIC EIA Team Vertebrate fauna (wildlife) and flora (vegetation) specialist assessment  If there is need for specialist Assessment, the consultation process will Inform.
Impacts on surface and groundwater resources	JBIC EIA Team baseline assessment
Health and Safety hazards	JBIC EIA Team baseline assessment
Cumulative impacts of the project Operation	JBIC EIA Team baseline assessment
<b>Positive Impacts</b>	
Revenue generation	JBIC EIA Team baseline assessment
Land rehabilitation	JBIC EIA Team baseline assessment <sup>9</sup> <small>2019/02/</small>
Employment creation	JBIC EIA Team baseline assessment

# Conclusions

- ❖ Based on the project, the EAP is of the opinion that the proposed development be authorised as the benefits outweigh the negative impacts.
- ❖ The significance of negative impacts can be reduced with effective and appropriate mitigation provided in the Draft Report and the EMP.
- ❖ If authorised, the implementation of an EMP should be adhered to as a condition of contractual works.





# Way Forward

## ASSESSMENT PHASE

- ▶ Provide comments on Public Meeting & Draft Environmental Assessment Report (DEAR):

Due date: 01 March 2019

- ▶ Final EAR to incl. all comments and be submitted to MET: DEA for authority review and authorisation.

# Comments can be sent to:

**Junior Baiano Industrial Consultants cc**

**P.O. Box 23537, Windhoek, Namibia**

**Tel: 061 219 773**

**Cell: 0811472029**

**E-mail: [fredrich@jibic.com.na](mailto:fredrich@jibic.com.na)**



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industrial consultants cc

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# Liverpool must control emotions in Premier League title race, says Jamie Redknapp

**J**amie Redknapp says Liverpool need to hold their nerve in the Premier League title race after failing to take full advantage of Manchester City's loss to Newcastle.

Jürgen Klopp's side had the chance to move seven points clear at the top of the table, but drew 1-1 with Leicester at Anfield on Wednesday.

While the result moved Liverpool five points clear of City, former Reds midfielder Redknapp thinks it was a missed opportunity.

"You can dress it up as a point gained on Manchester City but it felt like a miss," Redknapp said on Sky Sports News.

"At home, against Leicester, whose results have been up and down, it was a big opportunity to make the gap even bigger, but they will have to get used to it.

"Nerves will play a big part, that's inevitable. They haven't won the league in so long. I remember there were times when I was there and we got close and the feeling and anxiety goes next level.

"The players and the fans want it so badly, but you have to control your emotions. It was a tough one last night and they have to bounce back on Monday at West Ham. It did feel like two points dropped."

Liverpool have been hit with defen-

sive injuries this month, with Trent Alexander-Arnold out with a knee issue since January 12.

With Joe Gomez also out and Nathaniel Clyne allowed to leave on loan, midfielder Jordan Henderson played at right-back against Leicester.

"They need to get Trent Alexander-Arnold back," said Redknapp. "They are playing Jordan Henderson at right-back and, having played in midfield, you don't want to be at right-back. He can do it but he's not used to it.

"Letting Nathaniel Clyne leave was a strange one.

"When you haven't got a right-back that can come in, with Joe Gomez injured as well, they will need Alexander-Arnold back quickly because he is a special talent and makes such a difference." Former England Women's international Sue Smith thinks Liverpool are still in a strong position despite the draw with Leicester.

"City are in it and so are Spurs, but I still think Liverpool are still in control.

"It was a tough game, the conditions were awful and didn't help Liverpool with the way they play. I thought Leicester did well in the way they sat back and defended and Harry Maguire was excellent. Liverpool got a point and didn't lose and can move forward." - [skysports](#)



Jürgen Klopp



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3 Nguni Street  
Northern Industrial Area



Life's Good

## NOTICE

Take notice that HARMONIC TOWN PLANNING CONSULTANTS CC, Town and Regional Planners, on behalf of the owner of the respective erf, intends to apply to the Lüderitz Town Council for the:

- Rezoning of Erf 818 (A Portion of Erf No. 461) Lüderitz, Extension 1 from "Residential 1" with a density of 1:400 to "Residential 2"; with a density of 1:250 and
- Consent to operate a holiday accommodation establishment on the erf.

Erf 818 (A Portion of Erf No. 461) Lüderitz, Extension 1, Troost Street, measures 1067 m<sup>2</sup> in extent and is zoned "Residential 1" with a density of 1:400 in terms of the Lüderitz Town Planning Scheme. The current zoning allows the owner to erect two (2) dwelling units on the erf. The proposed rezoning to "Residential 2" with consent for a holiday accommodation will allow the owner to rent-out overnight self catering units.

Sufficient parking for the development will be provided in accordance with the requirements of the Lüderitz Town Planning Scheme.

Further take notice that the plan of the Erf lies for inspection on the town planning notice board at the Lüderitz Town Council and at Harmonic Town Planning Offices, 76B Pasteur Street, Windhoek West.

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 Lüderitz Town Council and with the Applicant in writing within 14 days of the last publication of this notice (final date for objections is Friday, 22<sup>nd</sup> February 2019).



Contact: Harold Kisting  
Harmonic Town Planning Consultants CC  
Town and Regional Planners  
P.O. Box 3218 Windhoek  
Cell: 081 127 5879 / 061 - 238480  
Fax: 085565401  
Email: [hkisting@namibnet.com](mailto:hkisting@namibnet.com)

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### NOTICE OF ENVIRONMENTAL ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

EnviroPlan Consulting cc hereby gives notice to all potential 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 Title:** Proposed Indigenous Timber Harvesting Activities.

**Project Description:** Proposed commercial harvesting of indigenous trees (Rosewood, Kiaat, Tick and Burkea Afrikaner) for timber.

**Project Location:** Activities are to be carried out on farming Units 1482 and 1479 38B. The farming are sited about 140km South East of Rundu Town. The units are within Shakambu Farming Units located in Kavango East Region, Namibia.

**Proponent:** Kwalereras Investments cc

IAPs are invited to register with the consultant and give their comments and concerns in writing. Please note that a public meeting will be held on 3<sup>rd</sup> February 2019 at Kehemu Community Hall in Rundu. The participation and comment period is effective from 21<sup>st</sup> January to 10<sup>th</sup> February, 2019.

To register or request for documents please submit your name, contact information and interest in the project, in writing to:

The Environmental Assessment Practitioner  
Email: [enviroplaninfo@gmail.com](mailto:enviroplaninfo@gmail.com)  
Phone: +264812550794



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### NOTICE OF ENVIRONMENTAL ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

Junior Bañano Industrial Consultants cc hereby gives 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 activity:

**Project Title:** Endola Service Station

**Project Description:** Proposed Construction of a Service Station in Endola Settlement, Zambezi Region-Namibia

**Project Location:** The proposed project site is located about 20km North of Oshakati town, along the Oshakati-Oshikango C45 highway. The project site is overlooking Endola shopping Centre to the west.

**Proponent:** Ino Investments Pty Ltd

IAPs are invited to register with the consultant and give their comments and concerns in writing. Please note that a public meeting will be held on 16 February 2018 at Endola Community Hall.

To register or request for documents please submit your name, contact information and interest in the project, in writing to:

Mr Nghiyolwa, Fredrich  
Tel: +264 (0) 81 147 2029  
Email: [fredrich@ibic.com.na](mailto:fredrich@ibic.com.na)





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**SITE INCEPTION CONSULTATION REGISTER: ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR PROPOSED CONSTRUCTION AND OPERATION OF A FUEL RETAIL FACILITY IN ENDOLA, OHANGWENA REGION-NAMIBIA**

Venue: Endola Market

Time: 09h00

Date: 23-01-19

NAME	Organisation/ Location	PHONE NUMBER	SIGNATURE
Fredrick Nghipfiso	TBIC	0811472029	
Natanael Ismael	Residents	0814420686	
KANJANH Ginas	Resident	0813094433	
Bam FATIUS F	Resident	0817766771	
MANGI K	Resident	0813733325	
Dobouda F	Resident	0812920439	
J. Pombili	Resident	0816982959	
Fanuel Ruben	Resident	0812950373	
Hannutengya Petrus	Resident	0812240290	
Josua Jonas	Resident	0810426828	



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NAME	Organisation/ Location	PHONE NUMBER	SIGNATURE
MATHEUS weyulu	Resident	0817213687	
Secilia Malca-da	Resident	0814794107	S.M
Selma Andreas	Resident	0812914670	S. Andra
Jacobs Dana	Resident	0812965539	
Joséf Martina L	Resident	0813461384	J. Martini
Job İsekwa	Resident	0818543222	J.I
Dave Shweda	Resident	0812924650	D.S
Ndatelela Nkhilalukwa	Resident	0812331367	Ndatelela Nkhilalukwa
Saima SHKONGO	Resident	0814695090	Saima SHKONGO
Haimbodi dinea	Resident	0816232710	Haimbodi dinea
SHWEDA hillerbarof	Resident	0814850560	
SHWETA Ndatk-angusipo	Resident	0813461595	



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[fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)

NAME	Organisation/ Location	PHONE NUMBER	SIGNATURE
JOSEPH SHILONGO	ENGOLED KARIBIB	08133390808	
<del>NATHANIEL</del> KOTSUB	<del>ERONGORED</del> / SHAROPUNNO	0812250094	<del></del>
Salmi Mutumburwa	Erongored / lomanyu	0812972252	
Shapoka Eric Johnny	ERONGORED	0812804537	
NGHISHATI BOILUS	ERONGOR - REI - ARRABIS	0813599039	



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**PUBLIC MEETING ATTENDANCE REGISTER**

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR PROPOSED CONSTRUCTION AND OPERATION OF A FUEL RETAIL FACILITY IN ENDOLA, OHANGWENA REGION-NAMIBIA**

Venue: Endola Community Hall

Time: 13h00

Date: 16 February 2019

NAME	Organisation/ Location	PHONE NUMBER	SIGNATURE
Ndhipunge Gathies	Baco Ongwediva	0811470616 / 0812415895	<i>[Signature]</i>
FRANZISKA I SHERIDI	ORC - Endola Constituents	0811665595 / 0818350142	<i>[Signature]</i>
Imper KATELA	Endola SWAPO Party A.C.	0812561212	<i>[Signature]</i>
FRANZ - RUBENI	ENDOLA SWAPO BRANCH	0812950373	<i>[Signature]</i>
Mungam Shionem	Enguena	0812281865	<i>[Signature]</i>
Bia Shungeng	Endola	08124405301	<i>[Signature]</i>
Filenevi Mutekwa Sualanga			<i>[Signature]</i>
Simeon Shikulo	Omatenga	0811277812	<i>[Signature]</i>
Petrus T. Tundile	Dumagosa	0812602019	<i>[Signature]</i>

4







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**PUBLIC MEETING ATTENDANCE REGISTER**

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR PROPOSED CONSTRUCTION AND OPERATION OF A FUEL RETAIL FACILITY IN ENDOLA, OHANGWENA REGION-NAMIBIA**

Venue: Endola Community Hall

Time: 13h00

Date: 16 February 2019

NAME	Organisation/ Location	PHONE NUMBER	SIGNATURE
Dolly Hampe	Endola	081 2220455	
Amora Amunungu			
Sonatas Koo Seho			
Fessy Hattre	Endola	0811447774	
Abed Mubeta	Endola	0812423502	
Victor Suedel	Endola	0812161211	
Elzabell Neumbo	Endola	0812461979	
Veikko Hasheela	Endola	0812447696	
Silvanus Hauriku	Endola	0812398437	





junior baiano  
Industrial consultants cc  
10001/77441

Po box 23537  
Windhoek  
Tel: 061-219773  
Cell: 0811472029  
[fredrich@jbc.com.na](mailto:fredrich@jbc.com.na)/[JuniorB200581@gmail.com](mailto:JuniorB200581@gmail.com)

**PUBLIC CONSULTATION REGISTER: ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR PROPOSED CONSTRUCTION AND OPERATION OF A FUEL RETAIL FACILITY IN ENDOLA, OHANGWENA REGION-NAMIBIA**

Venue: .. Endola .....

Time: .. 12h30 .....

Date: .. 09-01-21 .....

NAME	Organisation/ Location	PHONE NUMBER	SIGNATURE
Iskhaness Elizabeth	Endola	0812455645	
Josif Martina L	Endola	0813461384	JM Martini
Nkhoni Ndinelao	Endola	0813566513	Ndinelao
William Paulus	Endola	0814420086	RP
KUNH K.P NAWOSHITO	ENDOLA	0815768200	K-P
Mheshici Kavis	Endola	0814099674	Mheshici





Junior baiano  
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105601171

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[fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)  
[JuniorB200581@gmail.com](mailto:JuniorB200581@gmail.com)

NAME	Organisation/ Location	PHONE NUMBER	SIGNATURE
Elizabeth Shingudi	Endola	0818354709	
Eloa Lilius	Endola	0812480480	
Franciska Kehenge	Endola	0812966980	
Jushia David	Endola	0817038743	
Shela Karana	Endola	0818094933	
Mesahya Mubwapi	Endola	0818175311	
Eriksson Abed	Endola	0818350932	

**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
ENDOLA SETTLEMENT, OHANGWENA REGION-NAMIBIA**

KINDLY COMPLETE THIS FORM IN DETAIL AND RETURN TO:

Junior Baiano Industrial Consultants cc  
PO Box 23537  
Windhoek  
Tel: 061 219 773  
Cell: 0811472029  
Email Address: [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)/[JuniorB200581@gmail.com](mailto:JuniorB200581@gmail.com)

**Personal Details**

Name & Surname Johannes Elizabeth  
Postal Address Dmangoshe - Endola Email laudika.johannes@gmail.com  
Town Endola P.O. Box 288 Oshanafi

What is your main area of interest regarding the proposed development?

- \* Job Creation
- \* Close Services
- \* Nearby A.T.M.

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / ~~NO~~

.....  
.....  
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Should the project go ahead? If no, state reasons

~~YES~~ / NO

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**Personal Details**

Name & Surname Mantjua L Josef  
Postal Address ..... Email .....  
Town Endola .....

What is your main area of interest regarding the proposed development?

providing ATM  
Creation of job opportunities to the youth

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / ~~NO~~

.....  
.....  
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Should the project go ahead? If no, state reasons

~~YES~~ / NO

.....  
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**Personal Details**

Name & Surname Mdinelad Mhani  
Postal Address P.O. Box 288 Email N/A  
Town Oshakati

What is your main area of interest regarding the proposed development?

providing of ATM near areas  
job creation  
food services

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

No

Should the project go ahead? If no, state reasons

YES / NO

yes

**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
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Email Address: [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)/[JuniorB200581@gmail.com](mailto:JuniorB200581@gmail.com)

**Personal Details**

Name & Surname *Fillemon Paulus*  
Postal Address *4157* Email *N/A*  
Town *Oshana Kafi*

What is your main area of interest regarding the proposed development?

*Creation of Job*  
*Food service coming near us*  
*Providing A.T.M.*

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / ~~NO~~

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Should the project go ahead? If no, state reasons

YES / ~~NO~~

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**Personal Details**

Name & Surname..... KUNA K.P. NDINOSHITO  
Postal Address..... P O BOX 15276..... Email .....,  
Town..... OSHAKATI.....

What is your main area of interest regarding the proposed development?

- PROVISION OF JOBS TO THE YOUTH  
- FUELLING OF VEHICLES BY COMMUNITY MEMBERS AND ANY OTHER ROAD USERS.

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES /  NO

THE CONSTRUCTION OF THE SERVICE STATION IS ONE OF THE MAJOR DEVELOPMENTS IN THE AREA, THIS HIGHLY SUPPORTED AS OTHER PLACES PROVIDING SIMILAR SERVICES ARE VERY FAR.

Should the project go ahead? If no, state reasons

YES /  NO

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Registration and Comments Form

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Email Address: [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)/[JuniorB200581@gmail.com](mailto:JuniorB200581@gmail.com)

**Personal Details**

Name & Surname..... *M. Mhakili Konis*  
Postal Address..... *24/11 Shakati*..... Email ..  
Town..... *Endola*.....

What is your main area of interest regarding the proposed development?  
*job creation and provide jobs food*  
*service*

Do you have any points of concern or support regarding the proposed project? If "yes", please  
briefly list these in point format:

YES / ~~NO~~

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Should the project go ahead? If no, state reasons

~~YES~~ / NO

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Registration and Comments Form

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**Personal Details**

Name & Surname PETRUS HAMUN-PEPA  
Postal Address P.O. BOX 341 Email MrPhamunya@gmail.com  
Town OSHAKATI

What is your main area of interest regarding the proposed development?

JOB CREATION, ACCESS TO SERVICE WHICH IS TO BE  
PROVIDED AT NEAR BY AREA.

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / ~~NO~~

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Should the project go ahead? If no, state reasons

~~YES~~ / NO

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Email Address: [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)/[JuniorB200581@gmail.com](mailto:JuniorB200581@gmail.com)

**Personal Details**

Name & Surname Josef Thomas  
Postal Address Epuku, Endola Email 081 357 0242  
Town Oshakati

What is your main area of interest regarding the proposed development?  
Development in Endola, fear for take away

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

No

Should the project go ahead? If no, state reasons

YES / NO

Yes

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**Personal Details**

Name & Surname..... Gerhard Shiindi  
Postal Address..... Omakango ENDOLA Email .....

Town..... Oshakati.....

What is your main area of interest regarding the proposed development?

..... Development .....

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

..... Yes No .....

Should the project go ahead? If no, state reasons

YES / NO

..... Yes .....

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**Personal Details**

Name & Surname Elias Hambedi  
Postal Address Okanubwa Endola Email 081 3021 369  
Town G. Shabati

What is your main area of interest regarding the proposed development?

Development

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

No

Should the project go ahead? If no, state reasons

YES / NO

Yes



**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
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**Personal Details**

Name & Surname S Zombo  
Postal Address P.O. Box 1224 Email 0812314159  
Town W/B

What is your main area of interest regarding the proposed development?

Development

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

No

Should the project go ahead? If no, state reasons

YES / NO

Yes

**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
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**Personal Details**

Name & Surname NIWEEUANASAO LAMECK  
Postal Address OKAHENGE, ENDOLA Email 08.212.5933  
Town OSHAKATI

What is your main area of interest regarding the proposed development?  
Development, Job creation to reduce the rate of unemployment

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

NO

Should the project go ahead? If no, state reasons

YES / NO

YES

Registration and Comments Form

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**Personal Details**

Name & Surname Sharon Haufik  
Postal Address Okahenge Email sharonhaufiku@gmail.com  
Town Ohangwena

What is your main area of interest regarding the proposed development?

Endola Service of the development can be interested and the benefits needed

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

no

Should the project go ahead? If no, state reasons

YES / NO

yes

**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
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**Personal Details**

Name & Surname..... *M. Mathwe Shikula*  
Postal Address..... *PO Box 7979, Katutura, Windhoek*  
Town..... *Windhoek*

What is your main area of interest regarding the proposed development?  
*Development*

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

*NO*

YES / NO

Should the project go ahead? If no, state reasons

*yes*

YES / NO

**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
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**Personal Details**

Name & Surname Jushria David  
Postal Address Efululuta Email .....  
Town Obakati .....

What is your main area of interest regarding the proposed development?

development  
Job Creation

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

NO

Should the project go ahead? If no, state reasons

YES / NO

Yes

**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
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Email Address: [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)/[JuniorB200581@gmail.com](mailto:JuniorB200581@gmail.com)

**Personal Details**

Name & Surname... *Shetu Icanema* .....  
Postal Address... *Endola* ..... Email .....  
Town... *Est. Endola* .....

What is your main area of interest regarding the proposed development?

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.....  
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Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

*No*  
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Should the project go ahead? If no, state reasons

YES / NO

*yes*  
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**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
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**Personal Details**

Name & Surname... *Mesah Mushupi* .....  
Postal Address... *Endola* ..... Email .....  
Town.....

What is your main area of interest regarding the proposed development?

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Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

*No*  
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Should the project go ahead? If no, state reasons

YES / NO

*Yes*  
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**Personal Details**

Name & Surname... *Jeatanda Jafef* .....  
Postal Address... *P.O. Box 114* ..... Email .....  
Town... *Obakwana* .....

What is your main area of interest regarding the proposed development?

.....  
..... *development* .....  
..... *job creation* .....  
.....  
.....

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

..... *No* .....  
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Should the project go ahead? If no, state reasons

YES / NO

..... *Yes* .....  
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**Personal Details**

Name & Surname *Nangol Alfens*  
Postal Address *P. Box 146* Email .....  
Town *Obakati*

What is your main area of interest regarding the proposed development?

*Job Creation*  
*Provide A.T.A*

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

*No*

YES / NO

Should the project go ahead? If no, state reasons

*Yes*

YES / NO

**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
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**Personal Details**

Name & Surname: Fransiska Kahenge  
Postal Address: Fransiska Kahenge  
Town: Oshana

What is your main area of interest regarding the proposed development?

Development  
ATA

Do you have any points of concern or support regarding the proposed project? If "yes", please  
briefly list these in point format:

NO

Should the project go ahead? If no, state reasons

Yes

.....  
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YES / NO

YES / NO

**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
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**Personal Details**

Name & Surname... *Abed T. Eriksson*  
Postal Address... *Omuyindudya, Endola, Tca* Email... *Eriksson.abdullahen@gmail.com*  
Town... *Windhoek*

What is your main area of interest regarding the proposed development?

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Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

*No*  
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Should the project go ahead? If no, state reasons

YES / NO

*yes*  
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**Personal Details**

Name & Surname... *Elizabeth Shingudi* .....  
Postal Address..... Email .....  
Town..... *Endola* .....

What is your main area of interest regarding the proposed development?

*development*  
.....  
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.....

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

*No*  
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Should the project go ahead? If no, state reasons

YES / NO

*yes*  
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**Personal Details**

Name & Surname *Elaa Rikius*  
Postal Address *Okamufewa Endola* Email .....  
Town *Oshana* .....

What is your main area of interest regarding the proposed development?

*development*  
.....  
.....  
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.....

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

*No*  
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Should the project go ahead? If no, state reasons

YES / NO

*yes*  
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**ENVIRONMENTAL IMPACT ASSESSMENT: PROPOSED ENDOLA SERVICE STATION IN  
ENDOLA SETTLEMENT, OHANGWENA REGION-NAMIBIA**

KINDLY COMPLETE THIS FORM IN DETAIL AND RETURN TO:

Junior Baiano Industrial Consultants cc  
PO Box 23537  
Windhoek  
Tel: 061 219 773  
Cell: 081 1472029  
Email Address: [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)

**Personal Details**

Name & Surname..... *Silvanus Hanjiku*  
Postal Address..... *P.O. Box 15435*..... Email..... *0812398437*  
Town..... *Oshakati*.....

What is your main area of interest regarding the proposed development?

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Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES /  NO

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Should the project go ahead? If no, state reasons

YES /  NO

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**Personal Details**

Name & Surname Veikko Hasheela  
Postal Address P.O. Box 273 Email vhasheela@gmail.com  
Town Oshakati

What is your main area of interest regarding the proposed development?

It will decrease our distance to and from other  
services.  
It will provide employment.

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

No

Should the project go ahead? If no, state reasons

YES / NO

yes

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**Personal Details**

Name & Surname... HELENA N. KAHMBO  
Postal Address... P.O. BOX 7275..... Email ... helena.kaumbo@gmail.com  
Town..... OSHAKATI.....

What is your main area of interest regarding the proposed development?

is a good idea to bring development to people.  
Reduce long distance  
create job opportunity  
The project should go forward.

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES/NO

It will benefit us community in large because  
is reducing long distance.  
create job opportunity.

Should the project go ahead? If no, state reasons

YES/NO

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**Personal Details**

Name & Surname Miriam Katula  
Postal Address P.O. box 288 Oshakati Email .....  
Town.....

What is your main area of interest regarding the proposed development?

Endola  
.....  
.....  
.....  
.....

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

No  
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Should the project go ahead? If no, state reasons

YES / NO

Yes  
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Email Address: [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)

081 775020

**Personal Details**

Name & Surname... *Elia Hefete*  
Postal Address... *N/A* Email... *N/A*  
Town... *Endola "Omakango"*

What is your main area of interest regarding the proposed development?

*For I am interested in fuel develop-  
ment in our area.*

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

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Should the project go ahead? If no, state reasons

YES / NO

*Yes should go ahead*

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**Personal Details**

Name & Surname GABRIEL Mungungu  
Postal Address 298 Email mungungu.75@gmail.com  
Town OTJIKATT

What is your main area of interest regarding the proposed development?

- Creating jobs  
- Help fuel to community

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

- recruiting 1000 people

Should the project go ahead? If no, state reasons

YES / NO

YES

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Email Address: [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)

**Personal Details**

Name & Surname..... *Gottlieb Ndilipunye*  
Postal Address..... *P.O. Box 1527* Email *gndilipunye@beico.com.na*  
Town..... *Oshakati*

What is your main area of interest regarding the proposed development?

*Bringing development to the nation.  
People are traveling long distance to get  
services like this proposal.*

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

*No*

Should the project go ahead? If no, state reasons

YES / NO

*yes*

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**Personal Details**

Name & Surname..... *Poni Karifa Hango*  
Postal Address..... *P.O. Box 648*  
Town..... *OSA 91047*

What is your main area of interest regarding the proposed development?

*The Project must going ahead  
to our Village or Communities*

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES  NO

*because jobs opportunities will  
created to our people in town*

Should the project go ahead? If no, state reasons

YES  NO

*yes we need that in our town  
because we traveling long  
distance to going to estab  
to take our fuel.*

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**Personal Details**

Name & Surname Fredrich Hatutale  
Postal Address Private Bag 5548 Email .....  
Town OSTA KAT

What is your main area of interest regarding the proposed development?

It is very important to us because we are resident of Endola Community we need a service station in our communities of Endola

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

I don't have a problem with that particular development in our town. most of our people are traveling

Should the project go ahead? If no, state reasons

YES / NO

Yes we are really appreciate your ideas to construct your service station in Endola because you created jobs opportunities to our child in our town.

Registration and Comments Form

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**Personal Details**

Name & Surname..... *Abed Wapota*  
Postal Address..... *Box 148* Email *wapota7@gmail.com*  
Town..... *Oshanaat*

What is your main area of interest regarding the proposed development?

*It bring development to the community  
of our country and it will  
create opportunity of sustainable development*

Do you have any points of concern or support regarding the proposed project? If "yes", please  
briefly list these in point format:

YES / NO

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Should the project go ahead? If no, state reasons

YES / NO

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**Personal Details**

Name & Surname *VICTOR S. SHADUKA*  
Postal Address *PO BOX 2086* Email *shaduka.victor@gmail.com*  
Town *OSHANAATI*

What is your main area of interest regarding the proposed development?

*VERY HAPPY*

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

*Yes*

Should the project go ahead? If no, state reasons

YES / NO

*yes*



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**Personal Details**

Name & Surname... *Geedor Ndambala* .....  
Postal Address..... Email .... *0812019021* .....  
Town...: *Rundu* .....

What is your main area of interest regarding the proposed development?  
.....  
..... *Yes* .....  
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Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

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..... *Yes* .....  
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Should the project go ahead? If no, state reasons

YES / NO

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..... *Yes* .....  
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**Personal Details**

Name & Surname Amon Hinowye  
Postal Address Omakango Email .....  
Town Endola

What is your main area of interest regarding the proposed development?

Bringing development to the nation.  
Bringing services near the people (village)

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

NO

YES / NO

Should the project go ahead? If no, state reasons

yes

YES / NO

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**Personal Details**

Name & Surname Emilia Kapango Shadipeni  
Postal Address P.O. BOX, 2544 Email .....  
Town Oshakati

What is your main area of interest regarding the proposed development?

I am very much happy and interesting in this proposed development. Due to this that the Oshakati town where we get petrol and ATM is very far. Especial to our elderly people. I salute this development.

Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

Yes. Because this is the one of the development we need in our area.

Should the project go ahead? If no, state reasons

YES / NO

/ YES

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Email Address: [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)

**Personal Details**

Name & Surname..... *Kauffman Shingana*  
Postal Address..... *Amakango* Email .....  
Town..... *Endola*

What is your main area of interest regarding the proposed development?

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Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO  
*✓*

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Should the project go ahead? If no, state reasons

YES / NO  
*✓*

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Registration and Comments Form

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Email Address: [fredrich@jbic.com.na](mailto:fredrich@jbic.com.na)

**Personal Details**

Name & Surname Elizabeth Haijunge  
Postal Address P.O. Box 288 Email .....  
Town Endola

What is your main area of interest regarding the proposed development?

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Do you have any points of concern or support regarding the proposed project? If "yes", please briefly list these in point format:

YES / NO

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Should the project go ahead? If no, state reasons

YES / NO

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