

# **ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED ACTIVITY IN OSHAKATI**

Proposed Township Establishment of Uupindi North and Okandjengedi North and Subdivision of Erf 4181, Oshakati Extension 16, Oshana Region

List of triggered activities identified in the EIA Regulations which apply to the proposed project

## **Activity 10.1 (b) Infrastructure**

The construction of Public roads (The proposed project includes the construction of roads)

## **Activity 10.2 (a) Infrastructure**

The route determination of roads and design of associated physical infrastructure where – it is a public road; (The proposed project includes the route determination of roads)

## **BACKGROUND INFORMATION DOCUMENT**

### **1 PURPOSE OF THIS DOCUMENT**

The purpose of this Background Information Document (BID) is to brief Interested & Affected Parties (I&AP's) about the Environmental Impact Assessment (EIA) being undertaken for the proposed development activities in Oshakati.

The BID also provides an opportunity for I&APs to register for the EIA process and to submit any initial comments or issues regarding the proposed project.

### **2 BACKGROUND INFORMATION**

The Oshakati Town Council hereinafter referred to as the proponent intends to undertake the following activities:

- **Subdivision of Erf 4181, Oshakati Extension 16 into 17 erven and Remainder;**
  - **Rezoning of Erf 1/4181, Oshakati Extension 16 from "Single Residential" to "Civic";**
  - **Rezoning of Erf 9/4181, Oshakati Extension 16 from "Single Residential" to "Accommodation";**
  - **Rezoning of Erf 2/4181 from "Single Residential" to "Local Business";**
  - **Rezoning of Remainder Erf 4181, Oshakati Extension 16 from "Single Residential" to "Street";**
  - **Inclusion of the rezoning's in the next Zoning Scheme to be prepared for Oshakati.**
  - **Subdivision of the Remainder of Erf 1574, Oshakati into Erf A and Remainder;**
  - **Layout approval and township establishment on Erf A to become known as Uupindi Extension 1;**
- **Inclusion of Uupindi Extension 1 in the next Zoning Scheme to be prepared for Oshakati.**
  - **Subdivision of the farm Oshakati town and townlands north no. 880 into portion A and the Remainder**
  - **Layout approval and township establishment on portion a of the farm oshakati town and townlands no. 880 to become known as Okandjengedi north proper**

In terms of the Environmental Management Act (No. 7 of 2007) and Environmental Impact Assessment Regulations (Government Notice No. 30 of 2012), the listed activities indicated above were triggered by the proposed project.

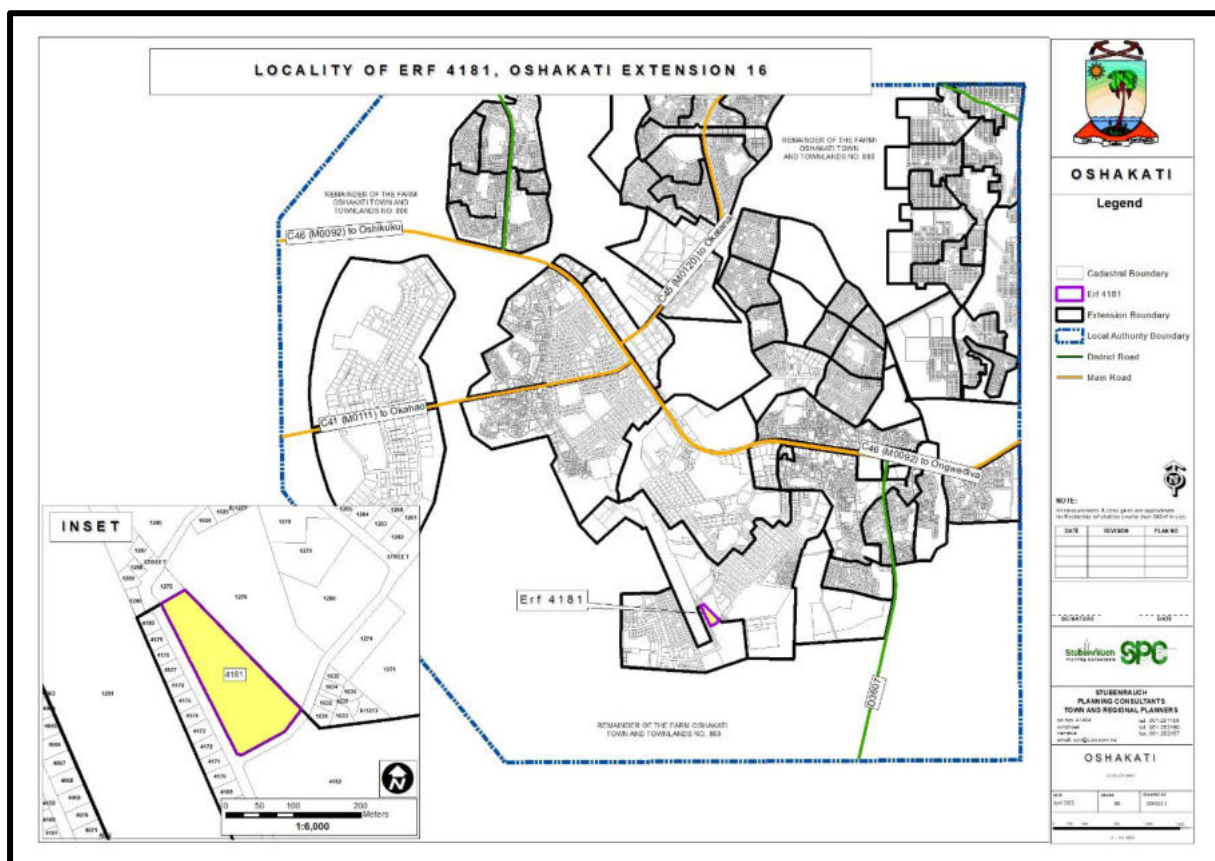
The proponent commissioned this EIA and appointed Stubenrauch Planning Consultants (SPC) to undertake the necessary activities to enable an application for an Environmental Clearance with the Environmental Commissioner as prescribed by the Environmental Management Act (No. 7 of 2007) and Environmental Impact Assessment Regulations (Government Notice No. 30 of 2012). In line with Regulation 21(2) of the mentioned EIA Regulations, this BID is distributed to potential I&APs as part of the public consultation process for this EIA.

This Environmental Assessment will therefore be undertaken to determine the potential environmental and socio-economic impacts associated with the proposed development activity.

### 3 DEVELOPMENT DESCRIPTION

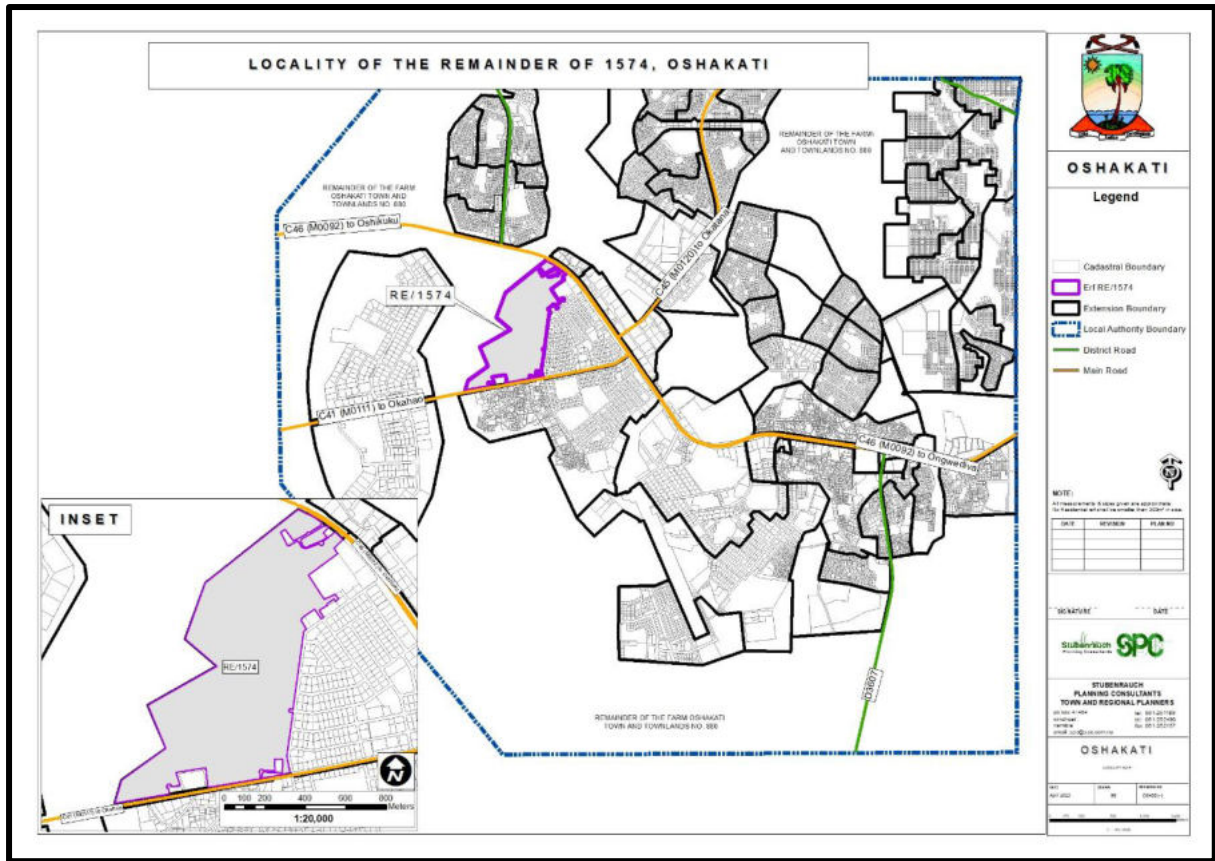
#### 3.1 Locality

Erf 4181 is located in Oshakati Extension 16, in an easterly direction from the Air Strip as depicted in **Figure 1** and it is zoned for “Single Residential” purposes in accordance to the Oshakati Zoning Scheme.



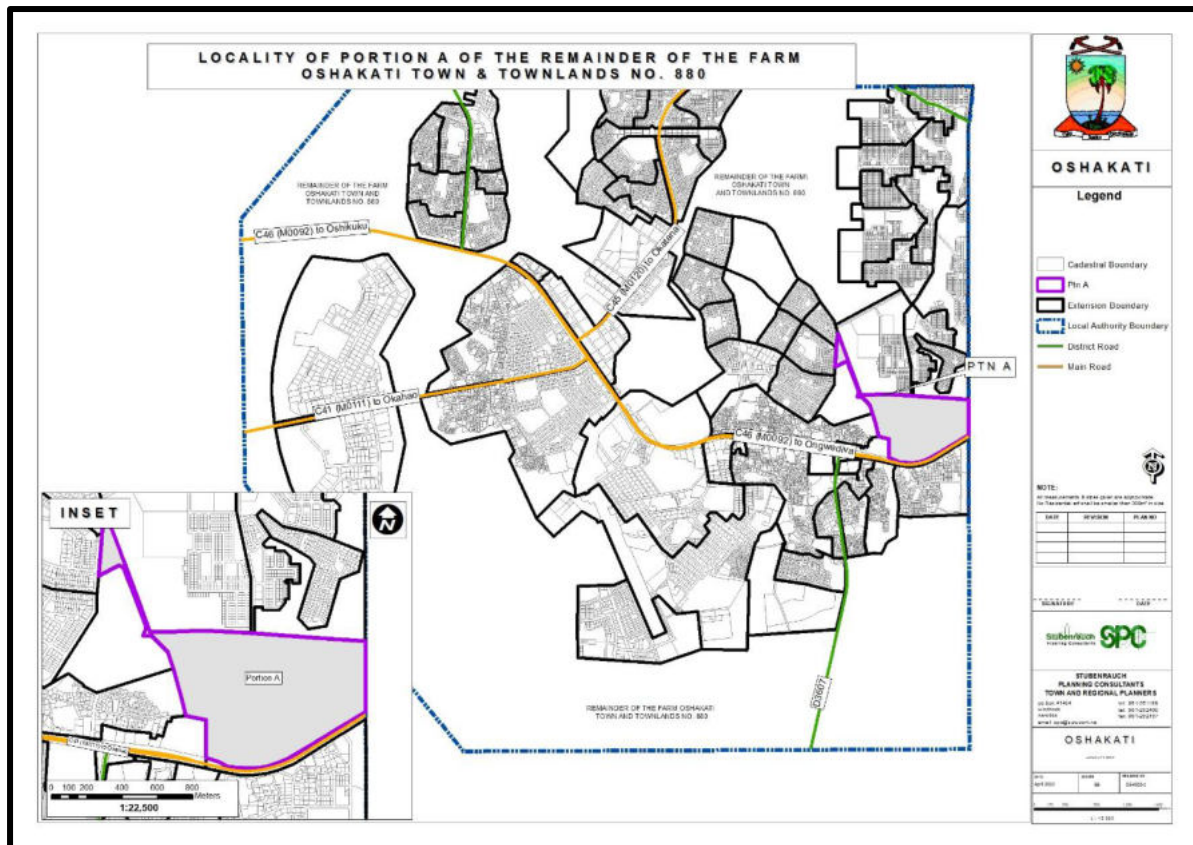
**FIGURE 1:** LOCALITY OF ERF 4181, OSHAKATI EXTENSION 16, OSHAKATI

The section of Uupindi North that is to be formalised is located in Oshakati West, along the C41 Road to Okahao. The area is located north of the C41 Road as depicted in **Figure 2**



**FIGURE 2:** LOCALITY OF UUPINDI NORTH, OSHAKATI

Okandjengedi North is located along the C46 road to Ongwediva. As depicted in **Figure 3** below, the area to be formalised is located in a northerly direction from the C46.



**FIGURE 3:** LOCALITY OF OKANJANGEDI NORTH

### 3.2 Proposed Development

The purpose of this project is to enable the Oshakati Town Council

- To create additional erven to be used for various land use activities that will respond to the varying needs of the residents of Oshakati Extension 16 as well as the entire Oshakati.
- To enable the Oshakati Town Council to formalise the settlement of Uupindi North by establishing a township to become known as Uupindi North Proper and in so doing, providing the residents of Uupindi North with freehold land tenure.
- To formalise the informal area that is informally known as Okandjengedi North. Through this formalisation process, the Oshakati Town Council will be able to formally avail land to the residents of the area, and in so doing, the residents will obtain free hold tenure.

#### 3.2.1 The Planning Process

The main objective of this layout planning and township establishment input is to facilitate freehold title ownership for the areas already developed.

### 3.3 Engineering services and Access Provision

The existing municipal services have adequate capacity to accommodate the intended development. No additional services or upgrades will be required. The subject erven will be connected to the Municipal Reticulation Services of the town consisting of water, electricity, sewage, and storm water. It is expected that the services will be sufficient for this area.

The proposed erven will gain access from the already existing road networks.

## 4 THE ENVIRONMENTAL BASELINE

### 4.1 Overview

Oshakati is located within the Oshana Region in the northern part of Namibia. It is situated in the Oshakati East and West Constituencies.

### 4.2 Biophysical Environment

#### 4.2.1 Fauna and Flora

The Oshana Region lies in the Savanna vegetation zone with a Cuvelai drainage vegetation type. Trees such as *Hyphaena petersiana*, *Sclerocarya birrea*, *Ficus sycamores* and a variety of other trees are characteristic of this zone (Twenty Namibian Trees, 2011).

#### 4.2.2 Geology and soils

The soil of the northern Namibia is dominated by deep Kalahari and Namib sand that mostly occur in the formation of sands and other sedimentary materials, while the clay sodic sands dominate in the Oshanas (Mendelssohn, 2002).

#### 4.2.3 Hydrology and Hydrogeology

The groundwater of the Cuvelai Basin is relatively shallow but mostly brackish or saline. The ground water in the area is found in shallow discontinuous aquifers (Perched Aquifers). All groundwater within the basin flows towards the Etosha Pan, due to the structure of the basin and because it's the pans deepest point, is the base level of the groundwater flow system (MWAf, 2011).forms part of the Cuvelai Drainage Biome which is dominated by floodplain grasslands and woodlands (Mendelsohn, Jarvis, Roberts & Roberston, 2002). The indigenous trees dominantly found in the region include Makalani Palm Trees (*Hyphaene petersiana*) and Mopane Trees (*Colophospermum mopane*). The local occurring fauna that are expected or known to occur at the site

### ENVIRONMENTAL ASSESSMENT PROCESS

- Establishing environmental risks of the intended project
- Establishing mitigation protocol
- Preparing the draft Environmental Assessment Report (EAR) and Environmental Management Plan (EMP)
- Public reviewing of Draft EAR and EMP
- Preparing the final EAR & EMP and submitting to MET
- Awaiting decision from Authorities
- Communicating decision to Interested & Affected Parties
- Availing opportunities to Appeal.

includes domestic animals (cattle, sheep and goats), small ground burrowing animals, reptiles, and local bird's species (Ministry of Agriculture Water and Rural Development, 2011).

#### 4.3 Social Environment

The population of Oshakati is approximately 36 541 people (NSA, 2011).

## 5 POTENTIAL IMPACTS

The following potential impacts have been identified so far:

- **Traffic Impacts:** During construction, the movement of construction material to and from site may cause additional traffic.
- **Waste:** During construction, waste may be generated on site which would have to be disposed of at an approved landfill site.
- **Ground and surface water impacts:** may be experienced during construction due to the use of machinery and chemicals to construct the roads and services infrastructure.
- **Disturbance:** During construction the surrounding property owners and community members may be disturbed by the construction activities.
- **Employment Creation:** During construction temporary jobs may be created for the construction of the associated services.

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

## 6 PUBLIC CONSULTATION

The Environmental Impact Assessment process involves interaction with people who are interested in, or who could be affected by the proposed development and/or operational activities of the proposed Oshakati development. As part of this process a public meeting will be held as follows:

Okandjengedi North	
Date	Friday, 28 April 2023
Time	10h00
Venue	Omwandi Gwiigongi Center, Okandjengedi

Uupindi Ext 1 and Erf 4181, Oshakati Ext 16	
Date	Friday, 28 April 2023
Time	14h00
Venue	Uupindi North, behind Push & Pull Bar

To further obtain inputs into the developments to take place. Communication will be sent out to various potential I&APs and Line Ministries in addition to the public notices to be placed in the newspapers, on the sites and around the subject area to obtain comments on the proposed developments.

## 7 ALL STAKEHOLDER/INTERESTED & AFFECTED PARTIES (I&AP)

**Public participation process gives you the opportunity to:**

- Obtain information about the proposed project
- Raise any environmental issues relating to the project

### ***How can you be involved?***

- By responding to the invitation advertised in the newspapers
- By registering as an I&AP, for your name to be added to our register list
- Submitting your comments or requests in writing.

We are inviting the public to participate by contributing issues and suggestions regarding the proposed projects on or before **26 May 2023**. For further information, or concerns, I&APs can complete the register below:

## 8 REGISTRATION AND COMMENTS

<b>Participant Name:</b>	<b>Organization/Affiliations:</b>
<b>Position:</b>	<b>Telephone:</b>
<b>Fax:</b>	<b>E-Mail:</b>

<b>Postal Address:</b>
<b>Comments/Suggestions and Questions:</b>

Please fill in particulars and return completed document to be registered as an Interested & Affected Parties (I&AP) to:

<b>Stubenrauch Planning Consultants (SPC)</b> <b>Tel: 061 25 11 89</b> <b>Fax: 061 25 21 57</b> <b>E-Mail: <a href="mailto:bronwynn@spc.com.na">bronwynn@spc.com.na</a></b>
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