

ENVIRONMENTAL IMPACT ASSESSMENT

Construction, Operation and Maintenance of a Bulk Liquid Fuel Storage and Handling Facility

Walvis Bay, Erongo Region

Background Information Document (BID)

November 2023

INTRODUCTION

Erongo Petroleum CC (the promotor) is proposing to develop a Bulk Liquid Fuel Storage and Handling Facility and has appointed **Ekwao Consulting (Ekwao)** to attend to the environmental services of the project, while **Seal Consulting Engineers (SCE)** handles all engineering facets of the project, from

design to management of all related construction activities.

PROJECT LOCATION

The project will be developed on Erf 5022, Ben Amathila Street, Walvis Bay, Erongo Region as more or less depicted in **Fig. 1**



Figure 1: Project Site

PROJECT DESCRIPTION

The project entails the development of a Bulk Liquid Fuel Storage and Handling Facility with a designed capacity of 24 million litres. These construction activities will be involved:

- Demolition of an existing timber jetty and replacing it with a concrete jetty able to dock tanker vessels.
- A product conveying pipeline from the quay to the tank farm with a total length of about 200 m. Across the jetty section, the conveying pipeline will run in a sleeve buried in concrete while the rest of the pipeline will be partly underground (road crossings) and partly overland.
- Construction of a tank farm consisting of six tanks, each tank with a diameter of 17.5 m and a height of 16.8 m. The tank farm will have a footprint of $\pm 330 \text{ m}^2$ which is about 65% of the total land area making up Erf 5022.
- Upon completion of the construction activities, day-to-day operation and routine maintenance of the bulk liquid fuel storage and handling facility in line with industry practices and standards.

EIA OBJECTIVE

The objective of the EIA is to identify potential negative and positive impacts associated with the envisaged

development. Where negative impacts are identified, to provide management measure on how such impacts may be eliminated, avoided or minimised to acceptable levels. Where positive impacts are anticipated, to provide measures to enhance such positive benefits to accrue to the broader society.

The EIA will be conducted in full compliance of the provisions of the Environmental Management Act (Act No. 7 of 2007) and EIA regulations as gazetted.

PURPOSE OF THIS DOCUMENT

This BID is intended to provide information related to the proposed development to stakeholders – government agencies as well as Interested and Affected Parties (IAPs). In this regard, an invitation is extended to IAPs to register for the EIA in order to receive information on the project and to participate in the EIA process by providing inputs, comments or to voice any concerns which they might have with respect to the development.

ENVIRONMENTAL CLEARANCE CERTIFICATE

The EIA process in order to obtain an Environmental Clearance Certificate (ECC) for the proposed development is presented in **Fig. 2**.

CONTACT DETAILS OF THE EIA CONSULTANT:

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Closing date for inputs, comments and or contributions:
5 December 2023

The EIA Process

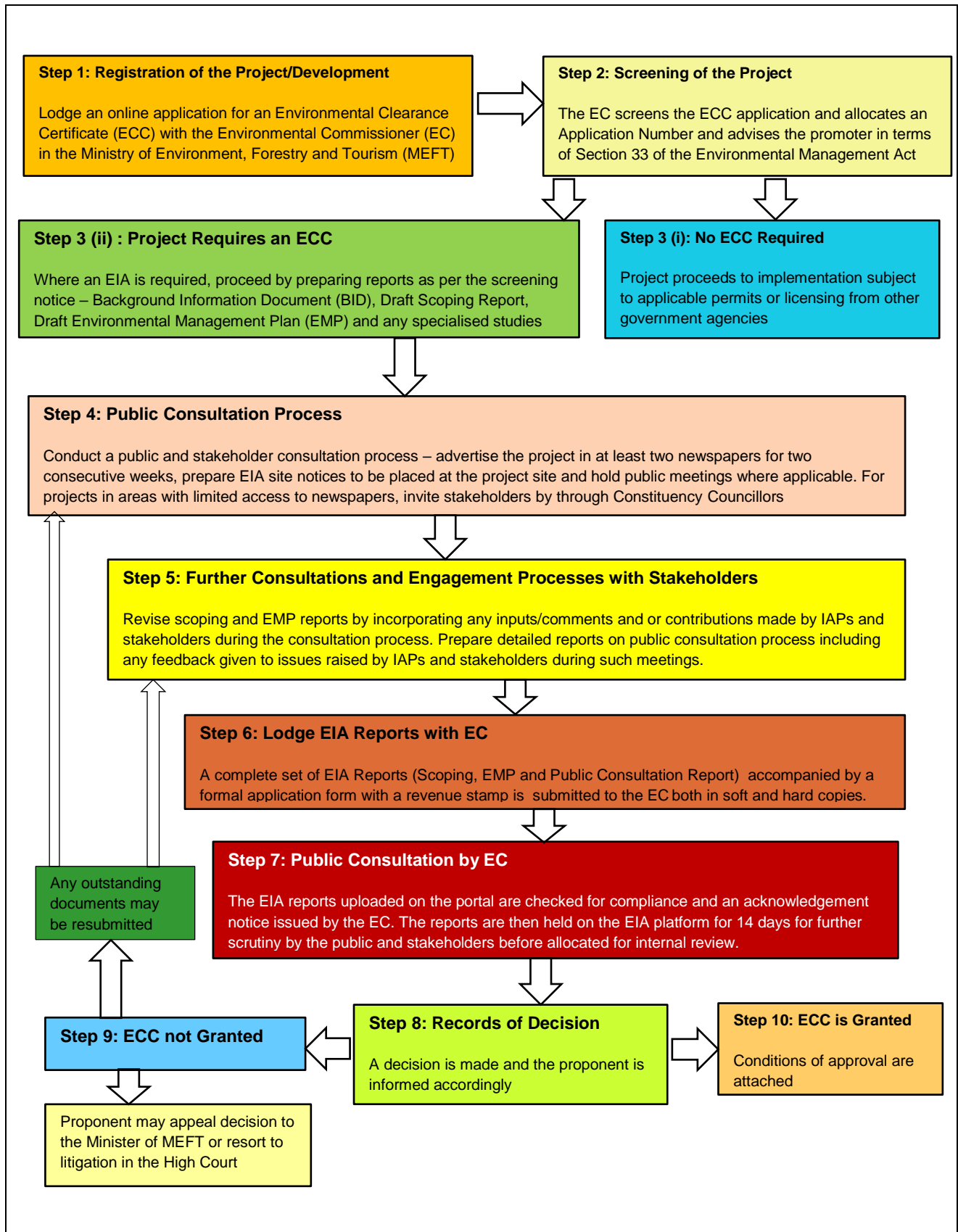


Figure 2: A Schematic Diagram of the EIA Process