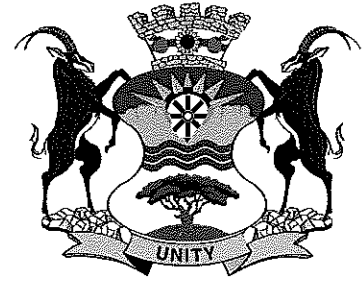


RUSTENBURG LOCAL MUNICIPALITY

DIRECTORATE: PLANNING AND HUMAN SETTLEMENT



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28 May 2014

Enq: Kelebogile Mekgoe

Attn: Brenda Makanza
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**DRAFT SCOPING REPORT FOR THE PROPOSED RUSTENBURG STRENGTHENING
PHASE 2 (MARANG B): CONSTRUCTION OF ±2 KM 400 KV POWERLINES BY
LOOPING IN AND OUT OF THE EXISTING BIGHORN-MARANG/MEDUPI
MARANG/MARANG-MIDAS 400KV POWER LINE AND 400/132KV MARANG B
SUBSTATION WITHIN RUSTENBURG LOCAL MUNICIPALITY**

With regard to the aforementioned subject, the Unit: Integrated Environmental Management acknowledges receipt of the draft Scoping Report for the proposed construction of a new Marang B 400/132 kV substation comprising of 3x500MVA Transformers with approximately ±2km of 400kV loop in loop out power lines which will feed into the new substation. These lines will feed off the existing 400kV Matimba-Marang, Medupi-Marang and Midas-Marang power lines on Portion 2 of Elandsheuveel 282 JQ and Klipgat 281 JQ. The project is under the jurisdiction of the Rustenburg Local Municipality.

The proposed route of the power lines will traverse through various land uses (mining, residential, cultivated lands and grazing) within the Royal Bafokeng Nation. The proposed substation site is approximately 39 hectares whilst the corridor has a width ranging from approximately 55-812m and length of 1800m respectively.

According to the Rustenburg Local Municipality's Environmental Management Framework (EMF, 2011), the site is situated within the Environmental Management Zone identified as "Agricultural Holdings Management Zone and "Conservation Management Zone". Conservancy management zone is characterized by protected areas, open spaces, tourism areas and areas of conservation importance. This zone must be managed in a way that will prevent degradation of natural resources and promote biodiversity protection and conservation. However, the proposed site of the development is severely disturbed/ modified by activities related to agriculture, mining and urbanization.

The site is dominated by shrubs, few trees and illegal dumping of household and building refuse is present, therefore the development will thus have a minimal and controllable impact on the surrounding environment, alternatively the potential detrimental impacts resulting from this activity should be mitigated to acceptable levels.


There is a need to strengthen the transmission system for the supply of electricity and also to meet changing customer needs.

The Unit: Integrated Environmental Management is satisfied with the proposed application since the proposed power line route and substation within Rustenburg area is taking place on an already disturbed land.

RECOMMENDATIONS:

1. All hazardous and solid waste must be removed to a licensed waste disposal site for the type of waste produced. No solid waste may be disposed of on site. The storage of solid waste on site, until such time as it may be disposed of, must be in a manner acceptable to the Local Authority and the Department of Water Affairs (DWA) or the Department of Environmental Affairs (DEA).
2. Precautionary measures must be taken during the construction phases of the project to reduce the possibility of soil erosion (i.e. stream bed or banks) and pollution occurring.
3. Provision must be made for the adequate storage of used and contaminated substances such as oil, lubricants and other petroleum products during the construction and operational phases of the development. The substances must be stored in such a way that it would not pose threat to the environment.
4. Any complaint from the public during the construction and operation of this project must be attended to by the person involved as soon as possible to the satisfaction of the parties concerned. A complaint register must be kept up to date and should be produced upon request.
5. It is recommended that the proposed construction of the proposed construction for the proposed construction of a new Marang B 400/132 kV substation comprising of 3x500MVA Transformers with approximately ±2km of 400kV loop in loop out power lines which will feed into the new substation, be supported.

Yours faithfully



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LILLIAN SEFIKE

ACTING UNIT MANAGER: INTEGRATED ENVIRONMENTAL MANAGEMENT