

**APPENDIX G**

**OPEN SPACE MANAGEMENT PLAN**

**FOR THE PROPOSED**

**ISUNDU 765/400 KV SUB-STATION AND  
TURN-IN TRANSMISSION LINES**

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Report prepared for:

Eskom Holdings SOC Limited  
PO Box 1091  
Johannesburg  
2000

Report prepared by:

ACER (Africa) Environmental Consultants  
P O Box 503  
Mtunzini  
3867

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## 1. PURPOSE

Open Space Management Plans (OSMP) are generally applicable to urban environments where municipal councils, industry and residents set out guidelines to ensure that development requirements and long-term maintenance regimes for dedicated open space have been adequately addressed.

The purpose of the OSMP is to assist property developers and industry consultants in the preparation of Open Space Management Statements, Open Space Management Plans and Maintenance Management Plans for the following:

- ❑ Construction works (site establishment and construction).
- ❑ Operational works (landscape works, changes to ground level and vegetation management).

These plans contain general and specific management and maintenance requirements (including drawings) as well as specific industry based performance criteria for maintenance activities and relevant background information to assist consultants, maintenance managers and staff with maintenance matters. As such, the OSMP contains details of appropriate management of the open space area(s) throughout the construction and operational phases of the development.

The objectives of this plan are the following:

- ❑ To ensure the protection and management of all natural and cultural resources in the area affected by the implementation of the project.
- ❑ To safeguard the outdoor agricultural opportunities that already exist in the proximity of the project area and to ensure these continue in a responsible and safe manner.
- ❑ To ensure that detrimental impacts on the use of the open space associated with the construction and operation of the project are minimised.

## 2. OPEN SPACE MANAGEMENT

Given the rural location of the proposed site and the lack of infrastructure on site, Open Space Management on site for the proposed Isundu Sub Station will consist of the following management objectives during the construction phase, establishment phase and operational phase.

### 2.1 Vegetation Management

The project proponent must provide detail on the work procedures and control measures to be established and implemented for the protection of specific individual plants (protected and/or listed species) and vegetation communities located within the site footprint (fenced off area). This should detail vegetation protection measures (fencing, relocation etc.) to be implemented during the construction and establishment phase, including details of timeframes.

The project proponent must also provide details of any ongoing vegetation management, for example, landscaping, any proposed works adjacent to retained vegetation (mulching, porous surfacing etc.), arboricultural methods (pruning, root barrier installation etc.) and structures to protect retained vegetation (suspended fences, etc.) on site.

## 2.2 Placement of Infrastructure

As the location and proposed installation methods for any infrastructure have potential to significantly impact on Open Space Areas, details of location and installation methods are required at the preliminary stage. This should include any services, e.g. access roads, parking areas and sewer mains that are proposed or currently run through or adjacent to open spaces on site. Of particular importance is the installation of services adjacent to retained vegetation and sensitive areas particularly during construction.

## 3. PROPOSED MANAGEMENT MEASURES

In order to successfully manage open spaces within the proposed site, the following mitigation measures are recommended:

- ❑ Follow the management objectives and mitigation measures at outlined in the Eskom Standards (Appendix A of the EMPr), specifically the following:
  - Eskom Technical Standards (TRMSCAAC1 Revision 3).
  - Eskom's Standard for vegetation clearance and maintenance within overhead powerline servitudes (EPC 32-247) (TRMAGAAZ7).
  - Standard for Bush Clearance and Maintenance (ESKASABG3).
  - Eskom's Herbicide Management Policy (ESKPBAAD4).
  - Eskom's Standard for Fire Risk Management (EST 32-124).
  - Eskom's Access to Farms Standard (TPC 41-340).
  - Eskom's Erosion Guideline (TGL 41-337).
  - Eskom's Standard for Transmission Line Towers and Line Construction (TRMSCAAC1).
- ❑ Follow the management objectives and mitigation measures in the Re-vegetation and Rehabilitation Management Plan as outlined in Appendix B of the EMPr.
- ❑ Follow the management objectives and mitigation measures in the Invasive Alien Plant Management Plan as outlined in Appendix C of the EMPr.
- ❑ Follow the management objectives and mitigation measures in the Erosion Management Plan as outlined in Appendix D of the EMPr.
- ❑ Follow the management objectives and mitigation measures in the Stormwater Management Plan as outlined in Appendix E of the EMPr.
- ❑ Follow the management objectives and mitigation measures in the Transportation and Traffic Management Plan as outlined in Appendix F of the EMPr.

## 4. MONITORING

- ❑ Monitor and address all incidences of public complaints related to the construction and operation of the facility, as well as any health and safety incidences that arise at the sub station site or along the proposed transmission line alignments as a result of construction and operational activities.