

PROCEDURE FOR THE ENVIRONMENTAL ASSESSMENT OF  
RETICULATION AND SUB-TRANSMISSION PROJECTS: ANNEX Q OF  
THE CAPITAL INVESTMENT PROCEDURE SCSPVABP7 Page 1 of 9

Annex B

Distribution Environmental Screening Document (DESD)  
Reticulation Powerlines and Ancillary Services

Ratified and accepted by  
Environmental Practitioner  
Environmental Specialist  
Head of Engineering Survey .....  
(one signature please)

Accepted by Land Owner/s/Users .....  
I have seen the completed document and accept the  
recommendations made .....

Assessor/s

Form completed by SIRUMULA P Signature: [Signature]  
\*in consultation with : P. Moloisane Signature: [Signature]  
CAPACITY (e.g. land owner, specialist): Councillor  
\* Date: 08-08-2014

Instructions

1. Fill the report in as neatly and completely as possible.
2. Where the question / statement is not applicable mark N/A.
3. The form must be completed in consultation with someone who knows the area well and who can also predict if any future development is envisaged (e.g. a landowner, land user, specialist, etc.).
4. Indicate sensitive areas on a map and/or spanning plans.
5. When in doubt, consult the Environmental Practitioner in your region.

The purpose of this DESD is to:

1. Determine whether or not the project should be subject to R1183, published in terms of the Environment Conservation Act No. 73 of 1989.
2. Identify and mitigate the negative impact of Eskom's activities to a minimum in line with both Legislation and Eskom's Environmental Policies.
3. This report is a guide to Route Selection, Construction and Field Services.

NOTE Complete the report before the survey!!!

This is not an office exercise.

Extra sheets of paper may be added and referenced if insufficient space has been provided.

P. PD

PROCEDURE FOR THE ENVIRONMENTAL ASSESSMENT OF  
RETICULATION AND SUB-TRANSMISSION PROJECTS: ANNEX Q OF  
THE CAPITAL INVESTMENT PROCEDURE SCSPVABP7 Page 2 of 9

Annex B

1 Project description

Project name/Survey .....  
Request MOUTHEKO ..... Area MOUTHEKO .....  
Project number MOUTHEKO ..... File number .....  
Rural scheme/  
Feeder MKK ..... Voltage 11 KV AND LV .....  
Supply from MKK 64/181 .....  
(scheme name, pole numbers for tee-off)  
Supply to WILDEBEESTKUIL 173 JQ PTM 4 .....  
(Farm name, etc.)

2 Properties traversed

Farm name WILDEBEESTKUIL .....  
Registration number and Division 173 JQ ..... Sub-division PTM 4 .....  
Compilation number ..... Line length/Site area (m<sup>2</sup>) .....  
  
Farm name .....  
Registration number and Division ..... Sub-division .....  
Compilation number ..... Line length/Site area (m<sup>2</sup>) .....

3 Brief description of the surrounding area

The area consist of sheeps, houses  
and the streets are not proper.  
The boundary fence is not according  
to design. There's an old wind pump  
which was used for water around  
the are

Could the proposed project have an impact on or be constrained by any of the following environmental aspects?

Encircle the appropriate aspect, giving a description of the present state as well as an indication of the possible negative impact. **Note that mitigating measures for these impacts are to be included in the Environmental Management Programme.**

PROCEDURE FOR THE ENVIRONMENTAL ASSESSMENT OF  
RETICULATION AND SUB-TRANSMISSION PROJECTS: ANNEX Q OF  
THE CAPITAL INVESTMENT PROCEDURE SCSPVABP7 Page 3 of 9

Annex B

4 Physical environment

4.1 Water: streams rivers dams wetlands springs floodplains OTHER *N/A*

Present condition: .....

Potential impact (e.g. threat of pollution): .....

.....  
..... *N/A* .....

4.2 Soil: sandy rocky clayey OTHER .....

Present condition: *Is too dry can be easily eroded.*

Potential impact (e.g. of erosion) *Soil erosion.*

4.3 Topography mountains ridges hills valleys ravines dongas OTHER .....

Present condition: *The area is gentle slope.*

Potential impact (e.g. of erosion) *Soil erosion can occur when it rains*

Comments/mitigating measures:  
*To avoid soil erosion only dig the holes required and put fill the holes with the sand removed*

*p. PD*



Annex B

5 Natural environment

5.1 Flora: indigenous protected exotic OTHER .....

Brief description and conservation status (e.g. rare, etc., mention trees/bush/grass) *There are lots of indigenous trees*

Potential impact (e.g. permit applications) *No permit application required as ~~few~~ only few are on the line*

5.2 Fauna: mammals birds OTHER *N/A*

Brief description and conservation status:  
(e.g. rare, protected, etc., mention giraffe, elephants, eagles, vultures, etc., mention migratory paths)

*rare*

Potential impact (e.g. threat of electrocution, collision, etc) .....

Comments/mitigating measures:

*only cut the trees which fall on the line.*

**PROCEDURE FOR THE ENVIRONMENTAL ASSESSMENT OF  
RETICULATION AND SUB-TRANSMISSION PROJECTS: ANNEX Q OF  
THE CAPITAL INVESTMENT PROCEDURE SCSPVABP7 Page 5 of 9**

**Annex B**

**6 Social environment**

**6.1 Restricted areas:** nature/game reserves    hiking trails    tourism routes    parks    recreational areas

residential areas    green belts    sacred/holy grounds    OTHER .....

Brief description ..... *The area is a residential, there's lots of Shacks*

Potential impact e.g. threat of encroachment, etc. .... *None. applicable.*

**6.2 Visual aesthetics:** easily seen    hidden    partially..... *N/A*

Brief description ..... *N/A*

Potential impact ..... *N/A*

**6.3 Natural heritage:** cultural significance    archaeological objects    monuments    palaeontological objects  
graves    meteorites    ruins    OTHER..... *N/A*

**Note:** Should any natural heritage resource as listed above, or as defined in the National Heritage Resource Act, No 25 of 1999 be identified, the requirements of Act 25 of 1999 shall be followed by notifying the SAHRA.

Potential impact .....

Comments/mitigating measures ..... *N/A*

*P. PD*

**PROCEDURE FOR THE ENVIRONMENTAL ASSESSMENT OF  
RETICULATION AND SUB-TRANSMISSION PROJECTS: ANNEX Q OF  
THE CAPITAL INVESTMENT PROCEDURE SCSPVABP7 Page 6 of 9**

**Annex B**

**7 Economic environment**

**7.1 Land use:**      crops                      orchards                      grazing                      crop spraying  
                                  game farming                      forestry areas                      mining                      OTHER ..... *N/A*

Brief description .....  
 ..... *N/A*  
 .....

Potential impact .....  
 ..... *N/A*  
 .....

**7.1.1 Commercial:**      factories                      shops                      OTHER ..... *N/A*

Brief description .....  
 ..... *N/A*  
 .....

Potential impact .....  
 ..... *N/A*  
 .....

**7.1.2 Infrastructure:**      roads                      railways                      communications      power lines                      air fields  
                                  pipelines                      sewage                      OTHER .....

Brief description: *There's a road passing by the village and eskom line passing*  
 .....

Potential impact *Not applicable*  
 .....

*P. AD*





**PROCEDURE FOR THE ENVIRONMENTAL ASSESSMENT OF  
RETICULATION AND SUB-TRANSMISSION PROJECTS: ANNEX Q OF  
THE CAPITAL INVESTMENT PROCEDURE SCSPVABP7 Page 8 of 9**

**Annex B**

**Environmental Management Plan**

**1 General conditions**

- 1.1 The Eskom project manager or co-ordinator shall be responsible for ensuring that the land owners have been informed before any work is carried out on site. Contractors shall find out if the landowners have been informed before moving onto site.
- 1.2 No fences, gates or locks shall be damaged to obtain access onto a line route. Arrangements shall be made in advance to obtain permission for access.
- 1.3 Use of private roads shall be arranged in advance. Any damage to private roads shall be repaired at the contractor's expense and to the satisfaction of the landowner. This shall be the responsibility of the project manager or co-ordinator.
- 1.4 Gates shall be left as they are found, i.e. closed gates shall be kept closed and open gates shall be left open. Gates to adjacent properties or onto public roads shall be closed at all times. Any Eskom gates installed on the line route shall be kept closed and locked except while stringing is taking place. Open gates shall be guarded to prevent animals straying and unauthorised persons and vehicles entering into adjacent camps or properties.
- 1.5 Permission shall be obtained from landowners before any water is used.
- 1.6 No fires shall be lit on private property. If fires are lit on Eskom's property or in the construction camp, provision shall be made that no accidental fires are started. No firewood shall be collected in the veld.
- 1.7 If activities that can cause a fire are carried out, fire extinguishers shall be available on site and in the construction camp.
- 1.8 No property may be accessed after normal working hours except with the permission of the landowner. Privacy shall be respected at all times.
- 1.9 Eskom, Eskom's contractors and their employees shall at all times be courteous towards landowners, tenants and the local community.
- 1.10 Eskom, Eskom's contractors and their employees shall not cause damage to property, crops or animals. Activities that may cause conflict with landowners, tenants, the local work force or the local community shall be avoided. Should conflict arise it shall be immediately reported to the Eskom project manager or co-ordinator.
- 1.11 Vehicles shall be driven at a moderate speed on private roads and stay within the statutory speed limit on public roads.
- 1.12 All movement of vehicles shall take place on the established Eskom servitude road or on private roads as agreed in advance. Keep to existing tracks. No movement shall take place through the veld. Special care shall be taken to prevent excess damage during wet weather.



