

Annex B - Distribution Environmental Screening Document (DESD)
(Informative)


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

Form completed by XOLA Msiwa Assessor/s Signature: 

in consultation with : Signature:

CAPACITY (e.g. land owner, specialist):

DATE COMPLETED: 03/04/2021

Instructions

1. Fill the report in as neatly and completely as possible.
2. Where the question / statement is not applicable mark N/A.
3. Indicate sensitive areas on a map and/or spanning plans.
4. When in doubt, consult the Environmental Practitioner in your region.

The purpose of this *DESD* is to:

- Determine whether or not the project should be subject to R543-7, published in terms of the National Environmental management Act 107 of 1998.
- Identify and mitigate the negative impact of Eskom's activities to a minimum in line with both Legislation and Eskom's Environmental Policies.
- 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.

ESKOM COPYRIGHT PROTECTED

When downloaded from the WEB, this document is uncontrolled and the responsibility rests with the user
to ensure it is in line with the authorized version on the WEB.

Annex B
(continued)

1 Project description

Project name/Survey
Request ELECTRIFICATION OF ITSOSENG Area GA RANKUWA (ITSOSENG)
Project number NE-ERC-1809-8168 File number
Rural scheme/
Feeder SEBONI AND MOKWEPA Voltage 11kV
Supply from MMOK 106-2-35-28
(scheme name, pole numbers for tee-off)
Supply to
(Farm name, etc.)

2 Properties traversed

Farm name KAMEEL FONTEIN
Registration number and Division 257 JR Sub-division 2
Compilation number Line length (m)
Farm name
Registration number and Division Sub-division
Compilation number Line length/Site area (m²)

3 Brief description of the surrounding area

BUSHY AREA, WITH ROCKS, SHACKS AND STRUCTURES IT
LOOKS LIKE ITS FORMALIZED. THE AREA HAS STREAMS,
RIVERS AND PROTECTED TREES.

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.

ESKOM COPYRIGHT PROTECTED

When downloaded from the WEB, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the WEB.

Annex B
(continued)

4 Physical environment

4.1 Water: stream rivers dams wetlands springs floodplains OTHER

Present condition: WATER RUNNING IN THE RIVER

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

POLLUTION OF THE RIVER

4.2 Soil: sandy rocky clayey OTHER

Present condition: MOUNTAINIOUS

Potential impact (e.g. of erosion) EROSION DURING CONSTRUCTION

4.3 Topography mountains ridges hills valleys ravines dongas OTHER

Present condition: THE AREA IS MOUNTAINIOUS

Potential impact (e.g. of erosion) DIGGING IS GOING TO BE DIFFICULT

Comments/mitigating measures:

ROCK DRILLS MUST BE USED

ESKOM COPYRIGHT PROTECTED

When downloaded from the WEB, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the WEB.

Annex B
(continued)

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 PROTECTED TREES ON SITE

Potential impact (e.g. permit applications) AMARULA TREES AND CAMEL THORN TREES
NEED TO BE AVOIDED, DO NOT CUT WITHOUT PERMIT.

5.2 Fauna: mammals birds OTHER

Brief description and conservation status:

(e.g. rare, protected, etc., mention giraffe, elephants, eagles, vultures, etc., mention migratory paths)

NO RARE SPECIES OF BIRDS AND MAMMALS ON SITE

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

Comments/mitigating measures:

USE BIRD FRIENDLY STRUCTURES

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 RESIDENTIAL AREA WITH SHACKS AND BRICK HOUSES

ESKOM COPYRIGHT PROTECTED

When downloaded from the WEB, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the WEB.

Annex B (continued)

Potential impact e.g. threat of encroachment, etc.

6.2 Visual aesthetics: easily seen hidden partially.....

Brief description OVER HEAD LINES

Potential impact VISUALLY WILL BE MINIMAL BECAUSE OF ALREADY EXISTING INFRASTRUCTURE ON SITE

6.3 Natural heritage: cultural significance archaeological objects monuments palaeontological objects graves meteorites ruins OTHER

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. If line or access road length exceeds 300m SAHRA shall be notified.

Potential impact NOT OBSERVED HERITAGE SITES ON SITE

Comments/mitigating measures

NOT FORSEEN

7 Economic environment

7.1 Land use: crops orchards grazing crop spraying game farming forestry areas mining OTHER

Brief description CATTLE AND SHEEP ON SITE

ESKOM COPYRIGHT PROTECTED

When downloaded from the WEB, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the WEB.

Annex B
(continued)

Potential impact ANIMALS COULD BE DISTURBED

7.1.1 Commercial: factories shops OTHER

Brief description STAZA SHOPS AND SHOPS ON SITE AND ALSO HAIR SALONS

Potential impact NONE FORESEEN

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

Brief description: PARTS OF THE TOWNSHIP HAVE GRAVEL ROADS. IN SOME AREAS THERE ARE POWERLINES, PIPELINES AND SEWERAGE PIPES

Potential impact

Comments/mitigating measures:
APPLY FOR STATUTORY APPROVALS FROM MUNICIPALITY AND ROAD AGENCY

ESKOM COPYRIGHT PROTECTED

When downloaded from the WEB, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the WEB.