

PROPOSED DEVELOPMENT OF A 132KV ESKOM POWERLINE BETWEEN MELKSPRUIT SUBSTATION (ALIWAL NORTH, EASTERN CAPE) AND ROUXVILLE SUBSTATION (FREE STATE)

PUBLIC PARTICIPATION REPORT



FEBRUARY 2018

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

DOCUMENT INFORMATION

REPORT TITLE: Public Participation Report

REPORT STATUS: Final

PROJECT TITLE: Proposed development of a 132kV powerline from Melkspruit Substation in the Eastern Cape Province to Rouxville Substation in the Free State Province.

DEA REFERENCE NUMBER: 14/12/16/3/3/1/1847

CLIENT: Eskom Free State Operating Unit

ENVIRONMENTAL CONSULTANTS: NSVT Consultants

COMPILED BY: Lorato Tigatedi *Pr. Sci. Nat.*

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1. INTRODUCTION

The Public participation process (PPP) forms an integral part of the Environmental Impact Assessment process. It provides people with the opportunity to raise their issues and concerns. A comprehensive public participation process was conducted by NSVT Consultants, to ensure that all Interested and Affected Parties (I&APs) were informed of the proposed project and to ensure that everyone had the opportunity to give their input or raise their concerns and comments.

2. APPROACH AND METHODOLOGY

The Public Participation Process was conducted as per Environmental Impact Assessment Regulations 2014 (as amended 07 April 2017) and the Public Participation Guidelines, 2017 were considered. Steps, which were taken to inform the identified I&APs and surrounding community of the proposed development included:

1. Pre-application consultation with Department of Environmental Affairs (DEA);
2. House visits to landowners to obtain contact details and inclusion in the I&APs database;
3. Newspaper advertisement;
4. On site Notice and Posters;
5. Notifications, i.e. Distribution of Background Information Document (BID), Meetings with local authorities, organs of state, provincial authorities and land owners;
6. Information Sharing session with the identified interested and Affected Parties; and
7. Reviewing of the draft Basic Assessment Report.

3. PUBLIC PARTICIPATION PROCESS CONDUCTED

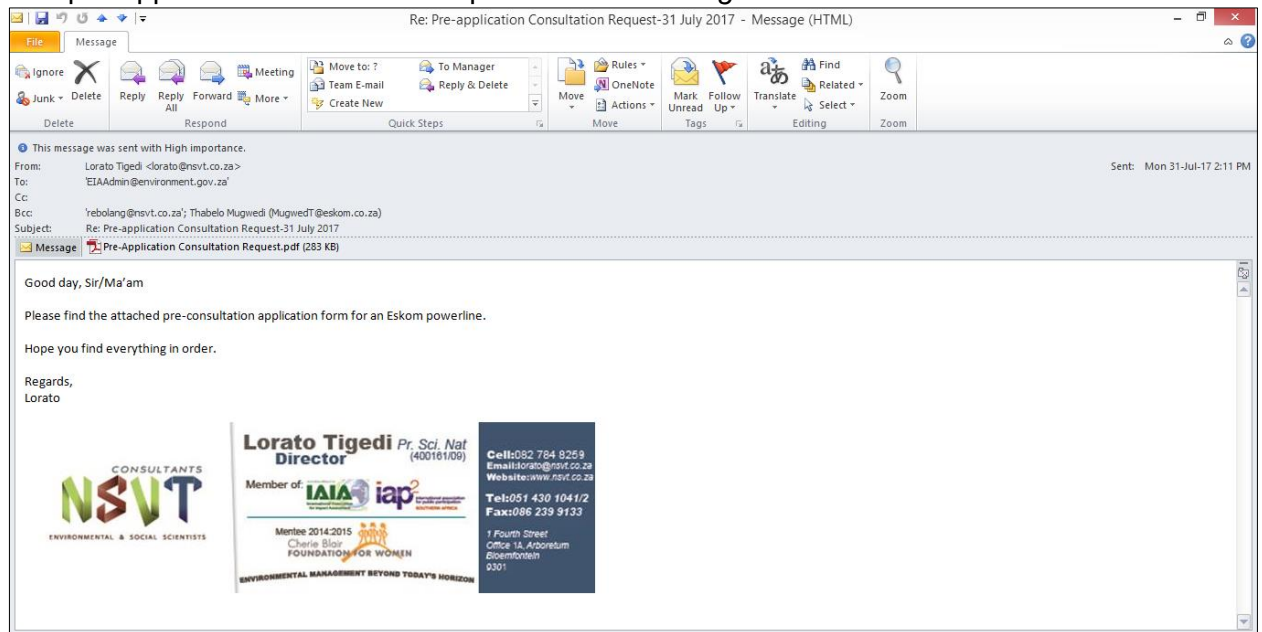
The methods that were undertaken during conducting of the public participation process as part of the basic Assessment Process are discussed in detail below including records thereto and the questions/comments and responses are included in the Comments and Responses Report attached hereto as Appendix 6B.

3.1. PRE-APPLICATION CONSULTATION WITH DEPARTMENT OF ENVIRONMENTAL AFFAIRS

Pre-application consultation request was submitted to the DEA as the competent authority for the application on the 31st of July 2017. The purpose of the pre-application meeting was to confirm the listed activities triggered by the proposed activity, especially decommissioning of the existing powerline, discuss the proposed public participation approach and confirm the application process to be followed. This will ensure that there won't be reasons that could result in the project being withdrawn due to unforeseen circumstances.

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The pre-application consultation request is shown in *Figure 1* below.



ATTACHMENT-PRE-APPLICATION REQUEST FORM

 **environmental affairs**
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Chief Directorate: Integrated Environmental Authorisations

Request for pre-application meeting

The information below is required to assist the Department to process your request for a pre-application meeting. All fields are compulsory. Please note that the proposed date and time will be confirmed prior to the meeting. This form must be submitted prior to lodging an application where a pre-application meeting is required. This form must be submitted prior to the lodging of an application and at least one (1) month prior to the requested meeting date. Note that the EAP is required to submit minutes of the meeting to the Department for approval as per the timeframes agreed to in the meeting. The Department reserves the right to refuse the pre application meeting based on the information provided in this request.

Any queries related to this form may be addressed to eiaadmin@environment.gov.za

Please submit the completed signed form in one of the following ways:

- (1) Post:

The Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Private Bag X447
Pretoria
0001
- (2) Hand Deliver:

Department of Environmental Affairs
Environment House
473 Steve Biko Road
Arcadia
Pretoria
- (3) E-mail:

EIAAdmin@environment.gov.za

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APPLICANT AND EAP INFORMATION

Company Name	NSVT Environmental & Social Scientists CC	
Applicant Name	Eskom Land development and Environment FSOU Distribution	
Postal Address	1 Fourth Street; Office 1A Arboretum, 9301	
Telephone Number	Work:051 430 1041/2	Cell:082 784 8259
Fax Number	086 239 9133	Email:loreto@nsvt.co.za

EAP	Ms Loreto Tigedi	
Contact Person	Loreto Tigedi	
Postal Address	P.O. Box 42452; Heuwelsig; 9332	
Telephone Number	Work:051 430 1041/2	Cell: 082 784 8259
Fax Number	086 239 9133	Email:loreto@nsvt.co.za

MEETING DETAILS

Purpose of the meeting request	To confirm the listed activities triggered by the proposed activity, especially decommissioning of the existing powerline, discuss the proposed public participation approach and confirm the application process to be followed. This will ensure that there won't be reasons that could result in the project being withdrawn due to unforeseen circumstances.		
Applicant Category	Application by Parastatal	<input checked="" type="checkbox"/>	
	Organ of State	<input type="checkbox"/>	
	Private Individual/Parties	<input type="checkbox"/>	
Application type	Application for EA	<input checked="" type="checkbox"/>	Application for integrated EA <input type="checkbox"/>
Preferred meeting date and time	Provide three suggested dates and times (note that the Department requires at least a month due to logistical arrangements)		
1	4 th September 2017	10h00	
2	5 th September 2017	12h00	
3	6 th September 2017	14h00	
Duration of the meeting	1 hour		
Estimated number of people attending meeting	2		

Please attach a proposed agenda as Appendix 1. If the Applicant or EAP intends to discuss several projects in one meeting, an agenda must be drafted for each proposed project and the project details for each project. Please note that a detailed agenda is required.

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PROJECT DETAIL

Project Description	The development of a 132kV powerline and the decommissioning of an existing 66kV powerline that is still in operation from the Rouxville substation towards the Melkspruit substation. Three possible alternatives for the new development have been identified.
Indicate if any screening has taken place on site	Desktop screening of the route has taken place but the initial site investigation will take place week of the 31/07/2017
Physical Address where the development will take place	<u>The powerline construction will occur between</u> Aliwal North and Rouxville along the N6 and farming lands.
Farm name(s)/Erf.No	108 Gedachtenis 561 Driekop 94 Avignon 961 Stotkraal 66 Botha's Kop 528 Kippersol 882 La Esperance 1024 Esperance 1018 Beesterkraal 64 Oonwegen 463 Wind Poort 39 The Willow 636 Wanga Nella 994 Niew Jaahrs Spruit 57 Orangia 810 Orangia A 1040 Oranje 1067 Klein Poortje 1082 Poortje 38 Melkspruit 12
Local Municipality	Mohokare Local Municipality and Walter Sisulu Local Municipality
District Municipality	Xhariep as well as Joe Gqabi District
Reason for applying with DEA as the competent authority (in terms of Section 24C of NEMA)	The proposed powerline route affects more than one province, i.e. Rouxville in the Free State and Aliwal North in the Eastern Cape Province.-Section 24C(c)

PROVIDE A DETAILED DESCRIPTION OF POTENTIALLY LISTED ACTIVITIES THAT IS OR MAY BE APPLICABLE TO THE PROJECT

Listed activity as described in GN R. 983, GN R. 984 and GN R.985	Description of project activity that may trigger the listed activity
e.g. GN R.983 Item XX(x): The development of bridge exceeding 100 square metres in size within a watercourse	e.g. A bridge measuring 110 square metres will be constructed within the watercourse

Pre-Application meeting request form

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<p>GNR327 LN1 Activity 11: The development of facilities or infrastructure for the transmission and distribution of electricity— (i) outside urban areas with a capacity of more than 33 but less than 275 kilovolts excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is — (a) temporarily required to allow for maintenance of existing infrastructure; (b) 2 kilometres or shorter in length; (c) within an existing transmission line servitude; and (d) will be removed within 18 months of the commencement of development</p>	<p>The construction of a 132kV powerline with the length of approximately 50km between Rouxville and Melkspruit substation.</p>
<p>GNR327 LN1 Activity 19 The infilling of any material of more than 10 cubic metres into or the excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse.</p>	<p>Removal of soil from wetlands to enable decommissioning of the existing powerline poles.</p>

ADDITIONAL INFORMATION IF ANY (ATTACH IF SEPARATE DOCUMENTS):

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APPENDIX 1
PROPOSED AGENDA

Item No	Agenda item
1.	Opening and Welcoming
2.	Introductions
3.	Purpose of Meeting
4.	Presentation by EAP regarding proposed activities
5.	Discussions (Questions and Answers)
6.	Way Forward
7.	Closure

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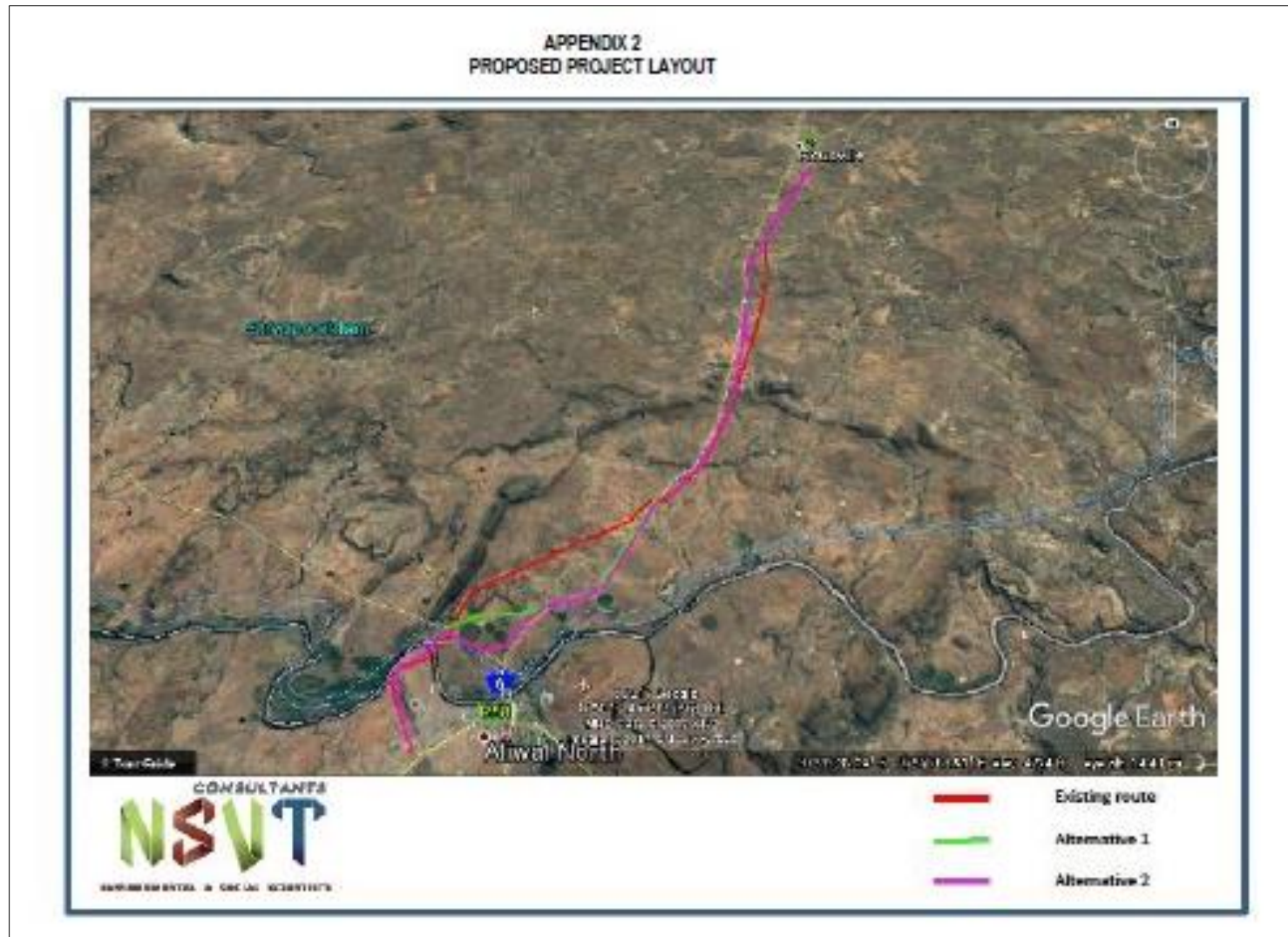


FIGURE 1: PRE-APPLICATION REQUEST

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Response was received on the 30th of August 2017 with the meeting scheduled for the 12th of September 2017, see *Figure 2* below.

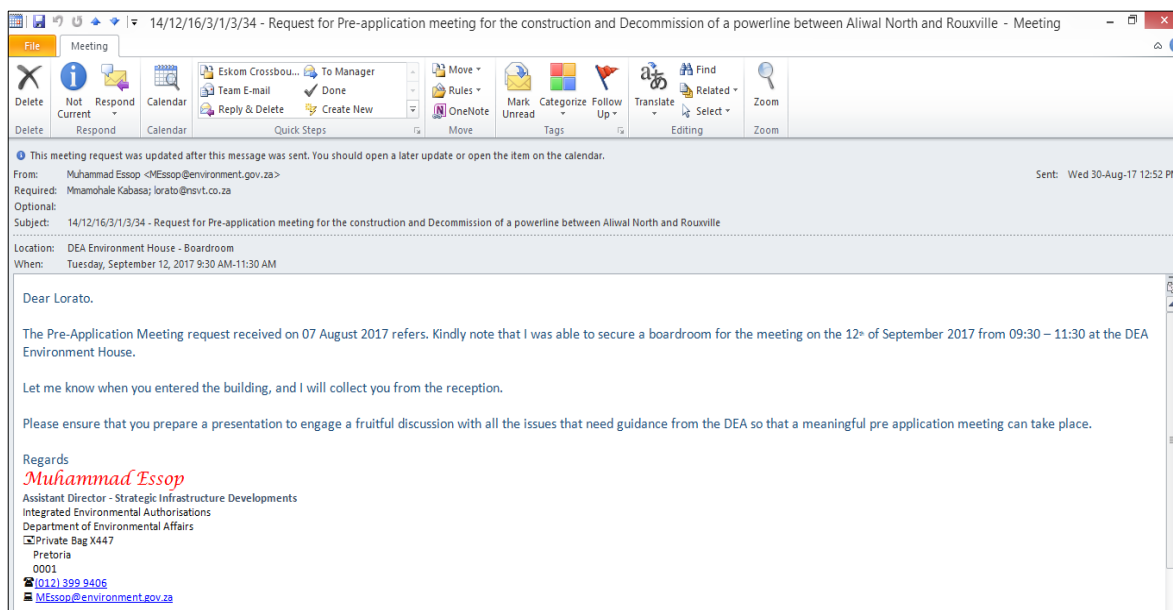


FIGURE 2: RESPONSE FROM DEA

The consultation was held on the 12th September 2017 with Department of Environmental Affairs, Eskom and NSVT Consultants. After discussions, way forward was as follows:

1. NSVT Consultants will be responsible for compiling the minutes, which should be included in the Public Participation Report;
2. The application for the proposed development will be handled by the National Department in terms of Section 24(C) of NEMA due the project being a cross boundary, i.e. between Aliwal North in the Eastern Cape and Rouxville in the Free-State; and also because all Eskom applications are submitted to the National Department.
3. Draft Basic Assessment Report should be submitted to the Eastern Cape and Free State Environmental Affairs Provincial Authorities for review and Biodiversity and Climate Change Units in DEA as part of the public participation process;
4. Proposed development is not a Strategic Project Infrastructure;
5. Specialists studies proposed for the application were approved;
6. Proposed public participation process was approved;
7. It was confirmed during the meeting that decommissioning of the existing powerline doesn't trigger Listing Notice 1 Activity 31 as per response received from Enquiry Desk;
8. Application for the proposed project should be submitted after specialists' reports are received to ensure that all the triggered activities are included in the application.
9. Specialist conducting the Ecological Impact Assessment should indicate the "ecologically suitable servitude" based on sensitivity of the development area;
10. Consent shouldn't be attached to the application form in terms of Section 39 of the Environmental Impact Assessment Regulations as linear developments are excluded.

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The minutes of the meeting are shown in *Figure 3* below.

<p align="center">MINUTES OF PRE-APPLICATION MEETING</p> <p align="center">NEW PROPOSED ESKOM POWER-LINE</p> <p align="center">PROPOSED POWER-LINE PROJECT HELD ON THE 12TH SEPTEMBER 2017 AT</p> <p align="center">09:30PM</p> <p align="center">DEPARTMENT OF ENVIRONMENTAL AFFAIRS BOARDROOM, PRETORIA</p>			
ITEM	DESCRIPTION	RESPONSIBLE PERSON(S)	ACTION & COMPLETION
1.	OPENING PRAYER AND WELCOMING		
2.	ATTENDEES 1. As per attached attendance register	All	
3.	INTRODUCTIONS 1. Mr Muhamed 2. Ms Lorato Tigedi 3. Mr Rebolang Makwaba 4. Ms Thabelo Mugwedi 5. Ms Mamohale		
4.	AGENDA 1. Opening and welcoming 2. Circulation of attendance register 3. Apologies 4. Matters arising 5. Progress report 5.1 Environmental authorisation and water use license application. 6. General/Announcements 7. Date of next meeting 8. Closure	All	Adopted
5.	APOLOGIES 1. Due to other commitments Mr Muhammed had to leave meeting during the information sharing session with the Department of Environmental Affairs.	Mr Muhammed	Noted

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5.2	MATTERS ARISING		
5.2.1	<p><u>NSVT Consultants Presentation</u></p> <ul style="list-style-type: none"> • The proposed Eskom power-line project is between Free-State and the Eastern Cape of which is a cross-boundary, therefore the application will be made to the national department. • The purpose of the meeting is to confirm the listed activities identified and discuss the public participation. • The power-line crosses over the Orange River, therefore applications for a Water Use License as well as Environmental Assessment Authorisation will be submitted to the national department. • Water Use License Application will be made at the Department of Water and Sanitation in the Bloemfontein due to the location of the proposed power-line of which is located in the Orange Basin of the Free-State. • The proposed 132kV power-line occupies 60% of the existing 66kV power-line's route and the proposed deviations of the new power-line will be to bypass areas that were inaccessible to Eskom maintenance. The wooden structures of the existing 66kV cannot withstand the weather condition in the region and rotting poles are of concern to Eskom. • Eskom FSOU would like to construct the proposed 132kV power-line in order to meet future demand of population growth between Rouxville and Aliwal North. • The residential area (Dukathole) in the Aliwal North region has encroached towards the existing power-line. Burning rubbish occurs underneath the power-line and may further damage the power-line, therefore Eskom has taken the decision to move the proposed power-line away from the community. No relocation of Dukathole community 	Ms Lorato	<p>The normal Basic Assessment procedure will be followed 197 days, if not; the additional fifty days will suffice depending on the Public Participation process.</p>

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	<p>members will occur due to the proposed project.</p> <ul style="list-style-type: none"> • IQ was consulted and recommended that the decommissioning phase of the projects need not be applied for due to the fact that the power-line does not have an operational factor in its entirety, therefore does not trigger any listed activity. 		
5.2.2	<p><u>NSVT Specialist studies conducted</u></p> <ul style="list-style-type: none"> • Aquatic Assessment • Ecological Assessment • Wetland Delineation • Avi-fauna Assessment • Archaeological Assessment • Paleontological Assessment • Visual Impact Assessment 	Ms Lorato	Noted
5.2.3	<p><u>NSVT Public Participation</u></p> <ul style="list-style-type: none"> • Advertisements of the impending proposed power-line construction were placed in local newspapers such as "The Weekly" that is predominantly within the Free-State and the Aliwal Weekly that is located in the Eastern Cape. • On-site notices were placed in Rouxville at the Mohokare local Municipality, the Rouxville libraries located in town and the township. On-site notice was also placed at the Rouxville substation. The Melkspruit substation had an on-site notice placed in close proximity as well as the Walter Sisulu local Municipality. • The background information document was distributed to all the land owners that were to be affected by the construction of the proposed power-line, liaising with the farmers' union secretary to make sure all the landowners knew of the project proved fruitful. • Public Participation meeting was held for the Area 13 community including councillor and ward committee members in Aliwal North, a meeting with the Aliwal North Farmers' Association was also held to inform 	NSVT	Physically travelling to interested and affected parties with regards to the Eskom proposed powerline construction to inform them of the project and receive feedback

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	<p>them of the Project.</p> <ul style="list-style-type: none"> • The Mhokare local Municipality did not have any objections to the construction of the new proposed power-line after a meeting with the unit manager. • Telkom did not object to the construction of the 132kV power-line after a meeting with Telkom representative. • Free-State roads did not object to the construction of the road but requires exact measurements of how far from the N6 is the construction of the new proposed power-line is going to be for safety precautions. 		
5.2.3	<p><u>Eskom FSOU</u></p> <ul style="list-style-type: none"> • Eskom is applying for a 132kV power-line; the construction of the new power-line will operate 66kV with a future demand of 132kV. • The servitude for a 132kV powerline is 31 metres of which are 15.1 metres on either side of the power-line. • The proposed power-line does not have any operational aspect to it therefore we need not apply for decommissioning. • The maintenance technical team cannot reach some of the rotten wood poles due to their location, when the line is down they have to wait until the morning in order to address any technical fault, the region is mountainous with steep cliffs and that pose a danger for Eskom technical teams. 	Ms Mugwedi	Noted
5.2.4	<p><u>Department of Environmental Affairs</u></p> <ul style="list-style-type: none"> • With regards to the decommissioning phase of the project you do not need to apply for Environmental Authorisation as IQ has indicated that there is no operational aspect to the proposed power-line construction. • It would be beneficial for the applicant in their report to mention of decommissioning the existing 66kV power-line and to replace it with the new 132kV power-line. • In terms of the removal of soil in wetlands, the overall removal of soil in 		

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	<p>the entire construction will be considered and not per pole.</p> <ul style="list-style-type: none"> • Consider activity 12; the development within 32 metres of a watercourse. Await the wetland specialist' report in order to find out if the activity triggers activity 12. • What we would like to see from the specialist studies is a recommendation of the most ecologically suitable alternative servitude for the construction of the proposed power-line. • In order for the proposed power-line to be a Strategic Infrastructure Project (SIP), one has to prove to the department that it is indeed a SIP by providing us with a reference number from the PICC. • For linear activities one does not actually need land owners consent, please refer to regulation 39(2). 	Mr Muhamed and Ms Mamohale	Noted
9.	<p>DATE OF NEXT MEETING</p> <ul style="list-style-type: none"> • N/A 		
10.	<p>CLOSURE</p> <p>Mr Muhamed and Ms Mamohale thanked everyone for their contributions in the meeting and the meeting was adjourned at 10:30</p>		

ATTENDANCE REGISTER

ATTENDANCE REGISTER
FOR
MEETING HELD ON THE 12th - 02 - 2017
PUBLIC PARTICIPATION MEETING: Environment House

Name	Organisation/ Company/ Department	Tel. & Fax No.	E-mail	Signature
M. Essy	DEA	Messey@environment.gov.za	012 399 9402	[Signature]
M. Kabasa	DEA	Mkabasa@environment.gov.za	012 399 9402	[Signature]
T. Mngweni	Eskom	mngweni@eskom.co.za	013 705 7566	[Signature]
R.K. Malwaba	NSVT	malwaba@nsvt.co.za	019 116 70569	[Signature]
L. Tjgoda	NSVT	lortoda@nsvt.co.za	082 784 8255	[Signature]

FIGURE 3: MINUTES AND ATTENDANCE REGISTER OF THE PRE-APPLICATION CONSULTATION WITH DEA

3.2. HOUSE VISITS TO OBTAIN LANDOWNER DETAILS

On the 3rd of August 2017, NSVT Consultants team went to homesteads occurring within the proposed development area based on the Google Map Imagery to obtain details of the landowners directly affected by the proposed development. This was done as part of the compilation of I&APs database for the Basic Assessment Process. During the initial site inspection, a meeting was held with officials from Mohokare Local Municipality (LM), i.e. Mr. Mosenene and Mr. Blackie to introduce the project and this included a site inspection from Melkspruit substation until Area 13 in Dukathole. The contact details obtained during the initial site inspection, which included visits to the neighbouring houses, are included in the database contained in Section 4 below.

3.3. NOTIFICATIONS-DISTRIBUTION OF BID

For notification of I&APs about the proposed project, a BID, shown in *Figure 4* below was compiled, and it was sent to the identified I&APs, see *Figure 5-8* below for records.

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BID that was distributed to the identified I&APs is shown in *Figure 4* below.

	<p align="center">ESKOM DISTRIBUTION FREE STATE OPERATING UNIT (FSOU) MELKSPRUIT SUBSTATION TO ROUXVILLE SUBSTATION PUBLIC PARTICIPATION PROCESS FOR BASIC ASSESSMENT PROCESS AND WATER USE LICENSE <u>BACKGROUND INFORMATION DOCUMENT FOR</u> <u>PROPOSED ESKOM POWERLINE</u></p>
<p align="center">PURPOSE OF THIS DOCUMENT</p> <p>This document's purpose is to provide background information to the project, and obtain comments and contributions from Interested and Affected Parties (I&APs) and stakeholders with regard to the environmental impacts they perceive to occur as a result of the proposed powerline. This can be done by means of the attached comments sheet, direct contact with the people listed below or input at the public meeting.</p> <p>I&APs and stakeholders will have an opportunity to contribute issues of concern and suggestions for enhanced benefits. In addition, they will be able to verify that their contributions have been considered and to comment on the findings of the specialist assessments.</p> <p>If you intend to register as in I&AP please forward the attached registration sheet to NSVT Consultants within 30 days from receipt.</p> <p>Return Address for Comments & Registration: <u>Lorato Tlgedi Pr. Sci. Nat.</u> NSVT Consultants PO Box 42452; Heuwelsig; 9332 (c) 079 147 0548 (t): 051 430 1041/2 (f): 086 239 9133 Email: lorato@nsvt.co.za</p> <p align="center">ONLY REGISTERED I&AP'S WILL RECEIVE FURTHER INFORMATION ON THE PROJECT</p>	<p align="center">BACKGROUND</p> <p>Eskom Distribution FSOU proposes to develop ±35km 132kV powerline from Melkspruit substation in Aliwal North within Walter Sisulu Local Municipality in Eastern Cape Province to Rouxville substation within Mhokare Local Municipality in the Free State Province. Eskom FSOU appointed NSVT Consultants as Environmental Assessment Practitioners to undertake the public participation processes as part of the Basic Assessment Process and Water Use License Application processes for the proposed project. The existing 66kV powerline will be decommissioned after the new 132kV line is operational.</p> <p>As part of the EIA process, the following specialists' studies will be undertaken: Ecological, Wetland Delineation, Palaeontological, Archaeological, Avifauna, visual and floodline determination and a 1km corridor of the proposed routes will be assessed.</p>   <p align="center">ONLY REGISTERED I&AP'S WILL RECEIVE FURTHER INFORMATION ON THE PROJECT</p>

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

FIGURE 1: MAP DEPICTING PROPOSED ROUTES

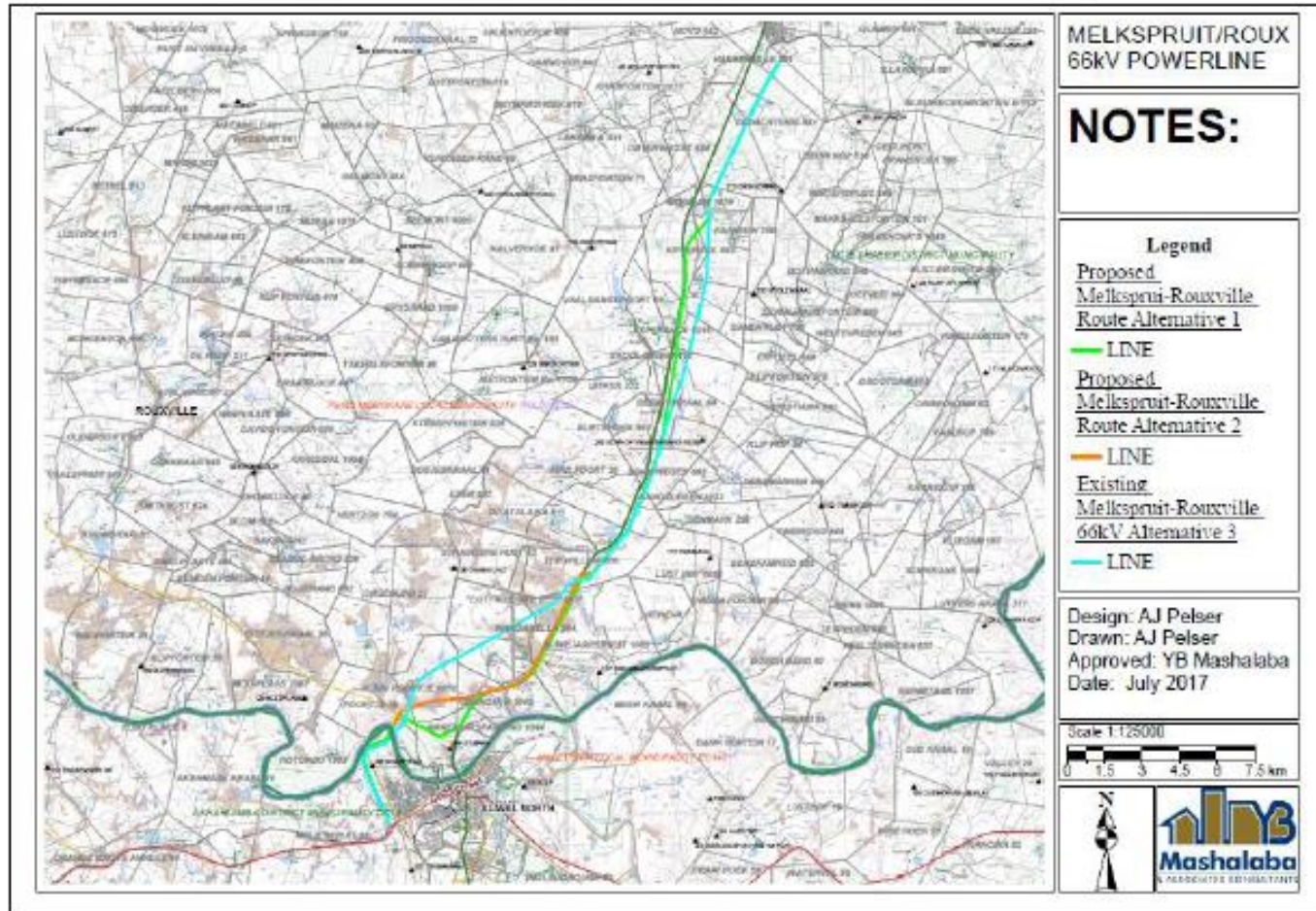


FIGURE 4: BID COMPILED FOR DISTRIBUTION TO THE IDENTIFIED I&APS

3.3.1. NOTIFICATION TO LOCAL AUTHORITIES

Notification to local authorities is shown in *Figure 5* and *6* below.

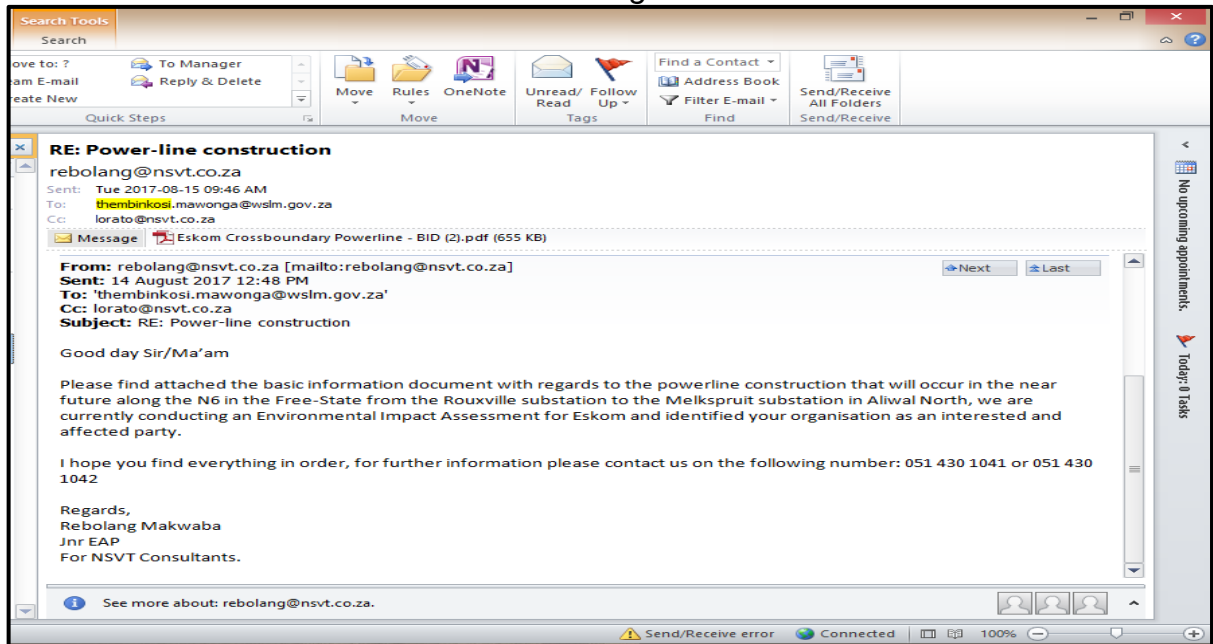


FIGURE 5: NOTIFICATION TO WALTER SISULU LM

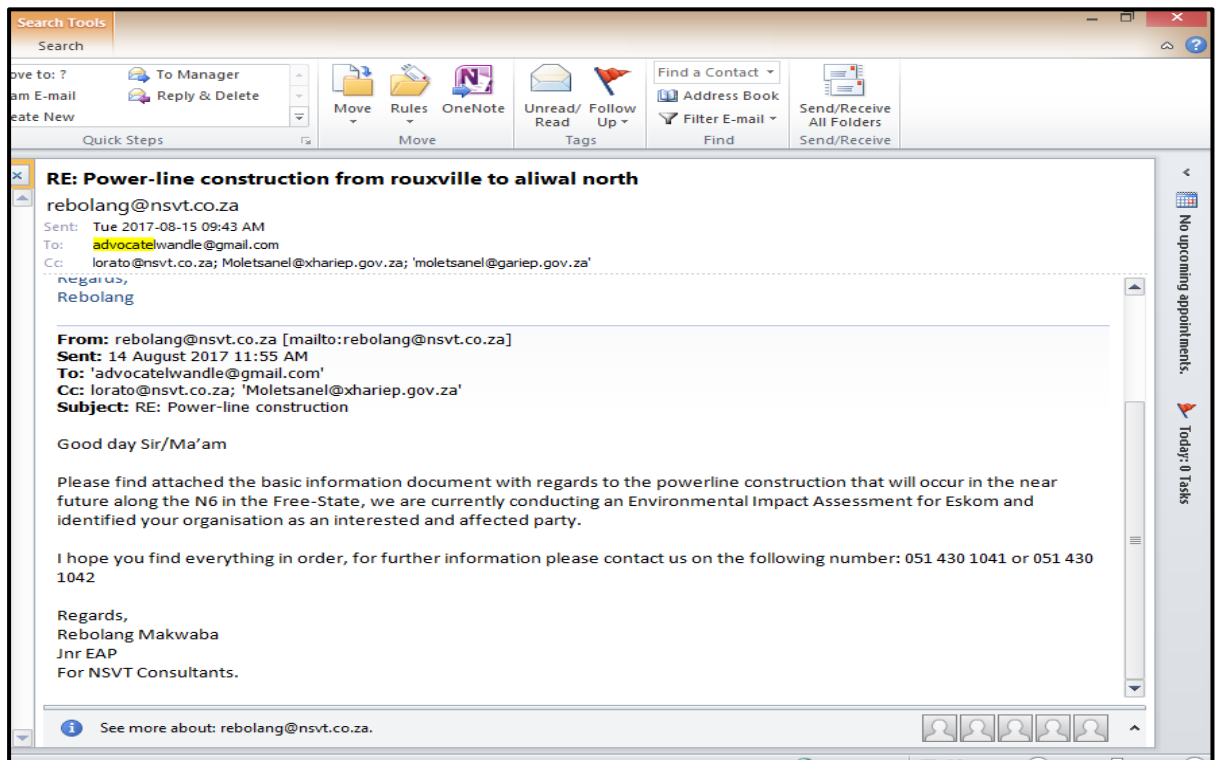


FIGURE 6: NOTIFICATION TO MOHOKARE LM

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS PUBLIC PARTICIPATION REPORT

3.3.2. NOTIFICATION TO GOVERNMENT DEPARTMENTS

Notification sent to the provincial government departments are shown in Figure 7 to 9 below.

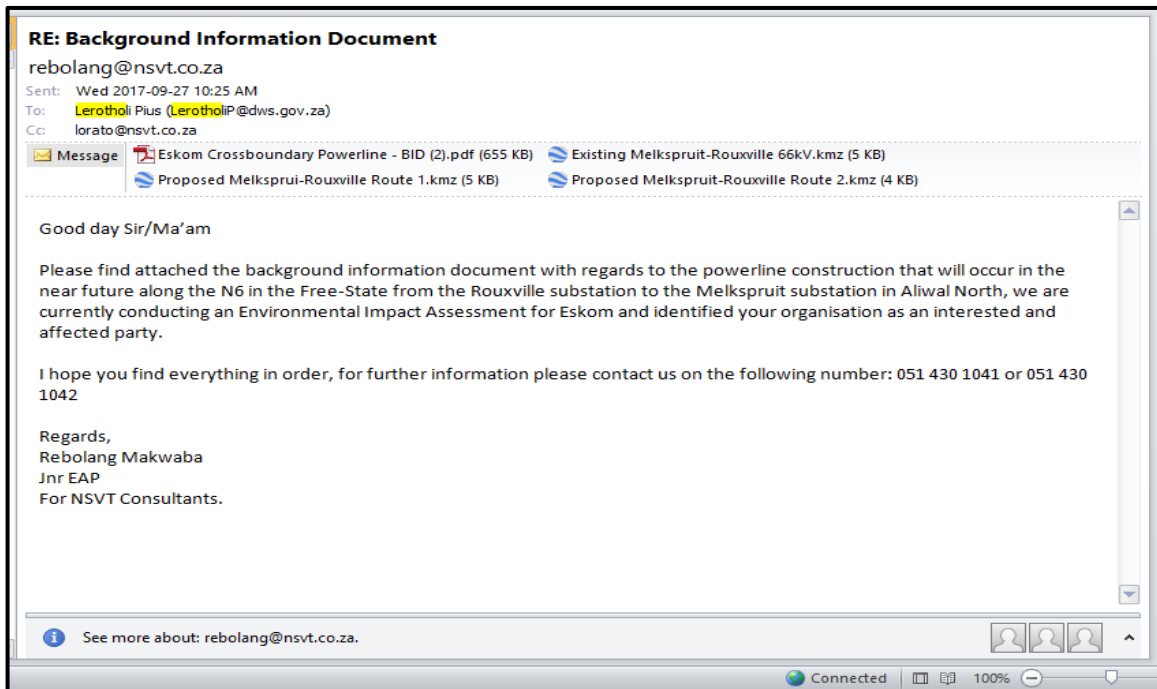


FIGURE 7: NOTIFICATION TO THE DEPARTMENT OF WATER & SANITATION

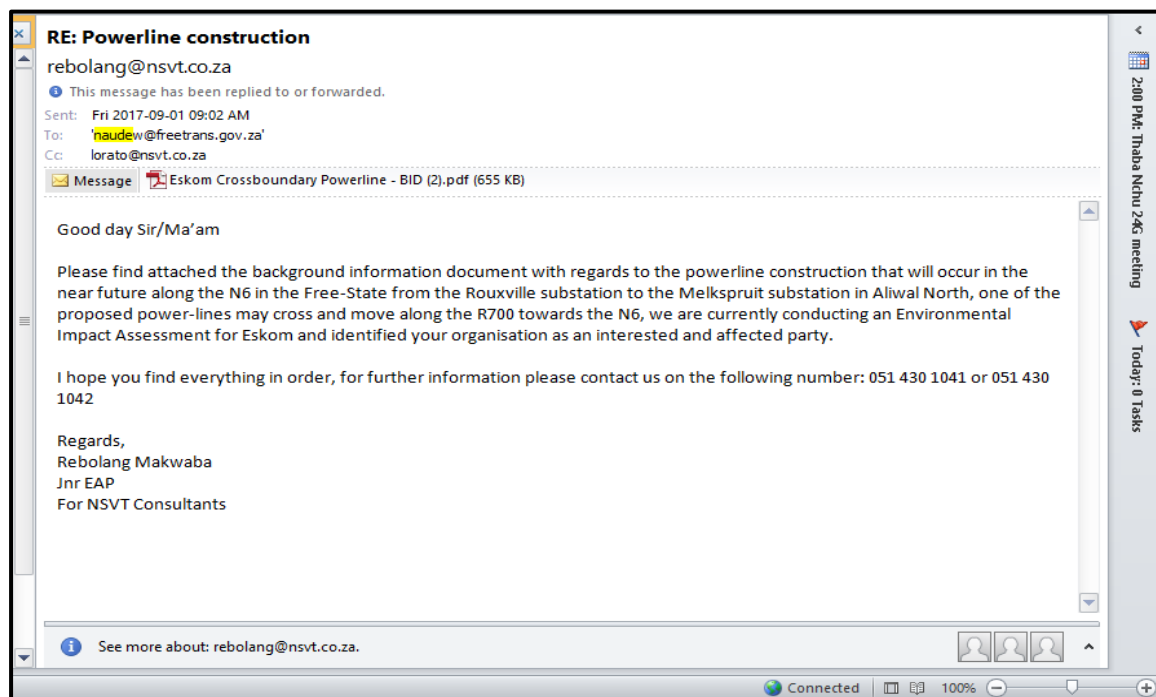


FIGURE 8: NOTIFICATION TO THE FREE-STATE DEPARTMENT OF ROADS

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS PUBLIC PARTICIPATION REPORT

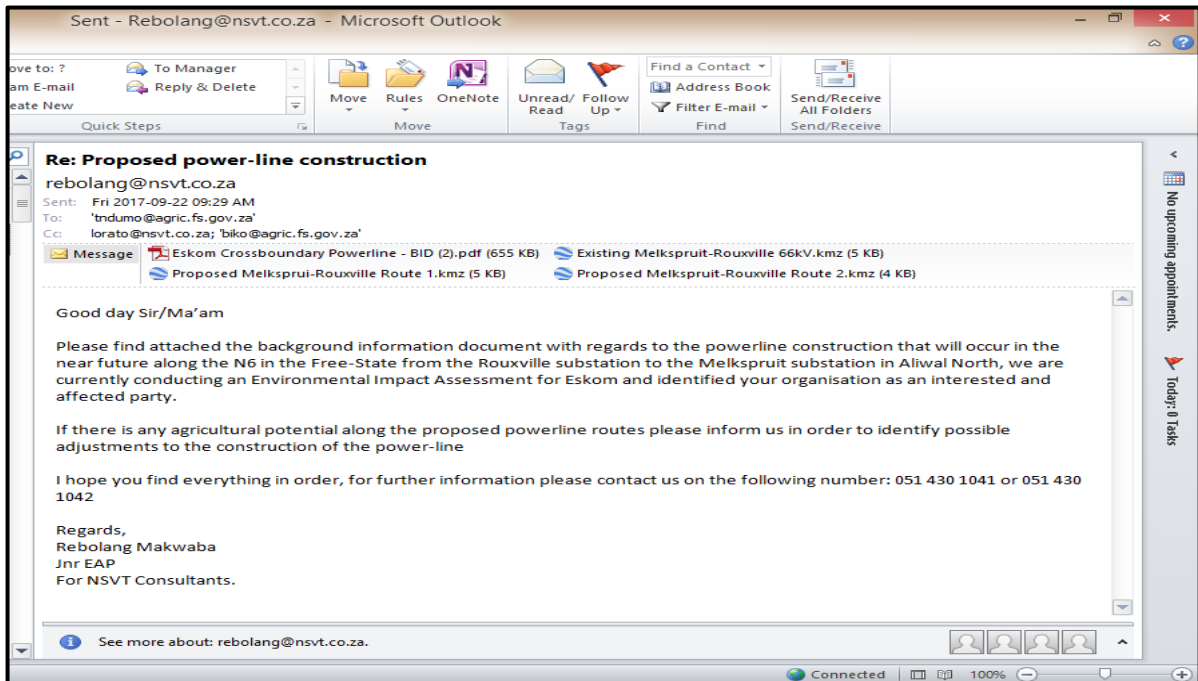


FIGURE 9: NOTIFICATION TO THE DEPARTMENT OF AGRICULTURE

3.3.3. NOTIFICATION TO ORGANS OF STATE

Notification was sent to the organs of state with servitudes within the proposed development area are shown in Figure 10 to 12 below.

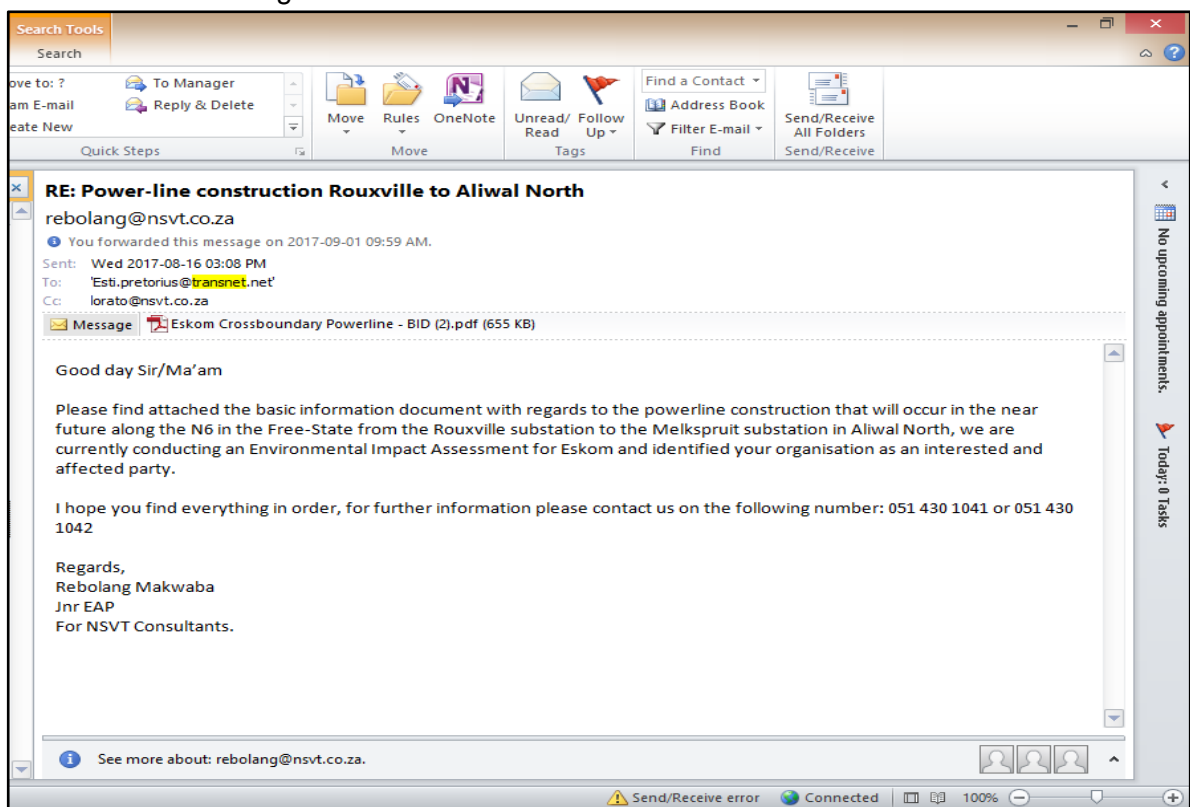


FIGURE 10: NOTIFICATION SENT TO TRANSNET

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

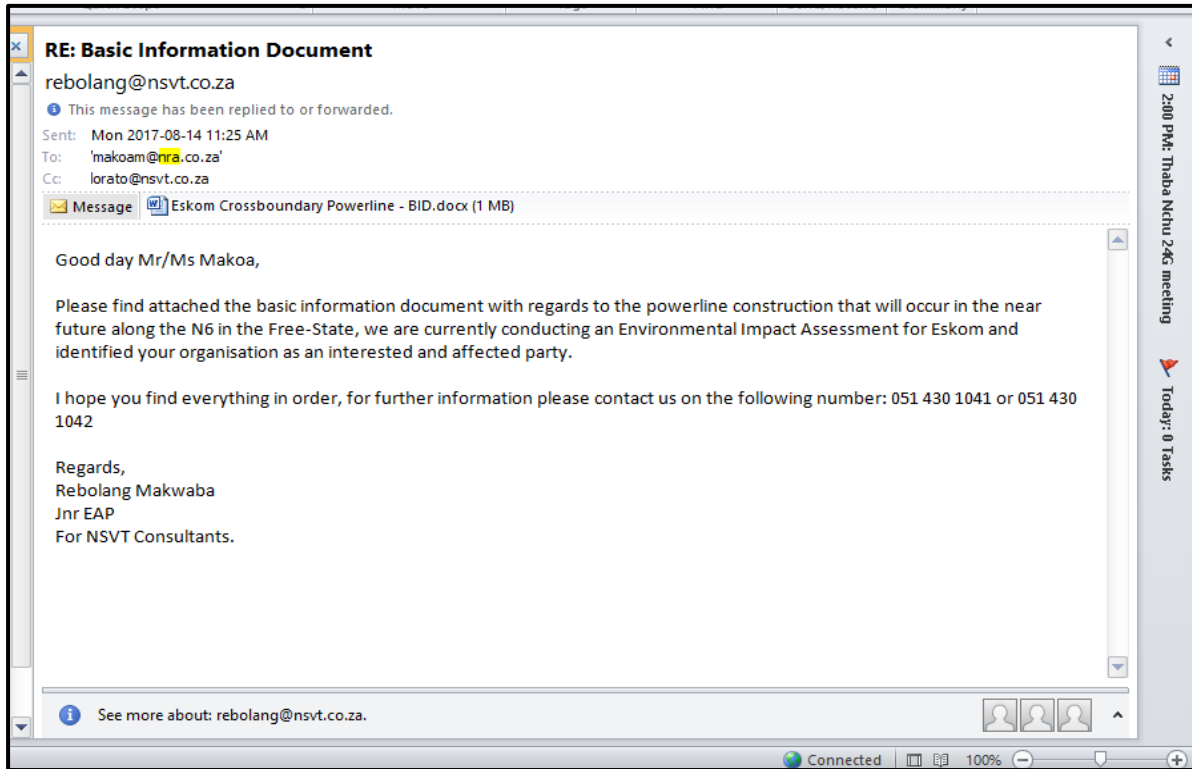


FIGURE 11: NOTIFICATION SENT TO SANRAL

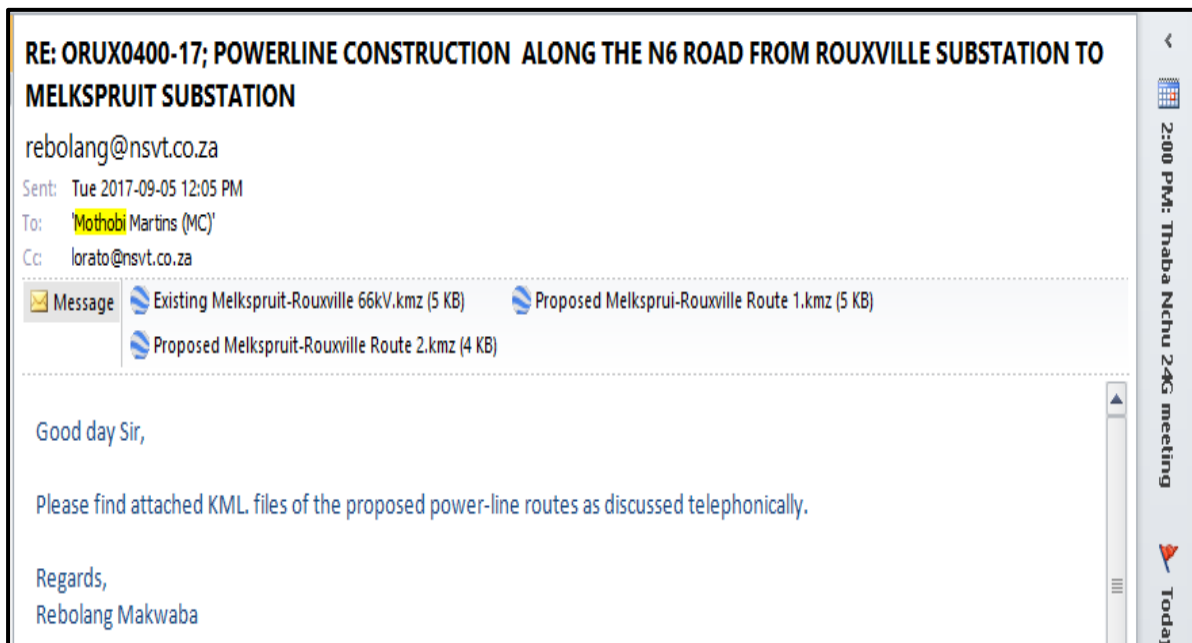


FIGURE 12: NOTIFICATION SENT TO TELKOM

3.3.4. NOTIFICATION TO THE LANDOWNERS

BID was hand-delivered to the landowners and to confirm delivery, they had to sign a confirmation of receipt form. However, during delivery, some houses we didn't find anyone to receive the document.

The signed forms are shown in *Figure 13*.

CONSULTANTS

NSVT

ENVIRONMENTAL & SOCIAL SCIENTISTS

RE: Eskom power-line development from Aliwal North substation to the Rouxville substation.

I, DANIE BRAND hereby confirm I have received the background information document for the above mentioned project.

Signature: [Handwritten Signature] EAP signature: [Handwritten Signature]

Date: 17-8-17

Farm name: ORANGIA

Contact details: 051 6533022
HITECHPANELBEATERS82@YAHOO.COM

NSVT
CONSULTANTS
ENVIRONMENTAL & SOCIAL SCIENTISTS

RE: Eskom power-line development from Aliwal North substation to the Rouxville substation.

L. A. Froneman.....hereby confirm I have received the background information document for the above mentioned project.

Signature: _____ EAP signature: _____

Date: 17/08/17

Farm name: Wageningen

Contact details: 082 448 2189
email: fronies@absamail.co.za

NSVT
CONSULTANTS
ENVIRONMENTAL & SOCIAL SCIENTISTS

RE: Eskom power-line development from Aliwal North substation to the Rouxville substation.

W.J.J. Odendaal hereby confirm I have received the background information document for the above mentioned project.

Signature: *W.J.J. Odendaal* EAP signature: *[Signature]*

Date: _____

Farm name: _____

Contact details: _____



ENVIRONMENTAL & SOCIAL SCIENTISTS

RE: Eskom power-line development from Aliwal North substation to the Rouxville substation.

I, Imo Louis Strydom hereby confirm I have received the background information document for the above mentioned project.

Signature: [Handwritten Signature]
Date: 2014/08/10
Farm name: THE NEST
Contact details: 0829296940

EAP signature: [Handwritten Signature]

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT



RE: Eskom power-line development from Aliwal North substation to the Rouxville substation.

I, Madame.....hereby confirm I have received the background information document for the above mentioned project.

Signature: T.P. Makoa

EAP signature: [Signature]

Date: 10/02/2018

Farm name: Mawise

Contact details: _____

CONSULTANTS
NSVT
ENVIRONMENTAL & SOCIAL SCIENTISTS

RE: Eskom power-line development from Aliwal North substation to the Rouxville substation.

I, Jaco SMIT, hereby confirm I have received the background information document for the above mentioned project.

Lamco Boarding BK
BY BARRY VISAGIE

Signature: *[Signature]* EAP signature: *[Signature]*
Date: 10/05/2017
Farm name: CRANGH
Contact details: 082-450304
bjvisagie@nsvt.co.za

FIGURE 13: CONFIRMATION FOR DELIVERY OF BID TO LANDOWNERS

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS PUBLIC PARTICIPATION REPORT

3.3.5. RESPONSES RECEIVED FROM I&APS

No response was received from local authorities and landowners after the BID was distributed. Response from government departments and organs of state are shown in *Figures* below.

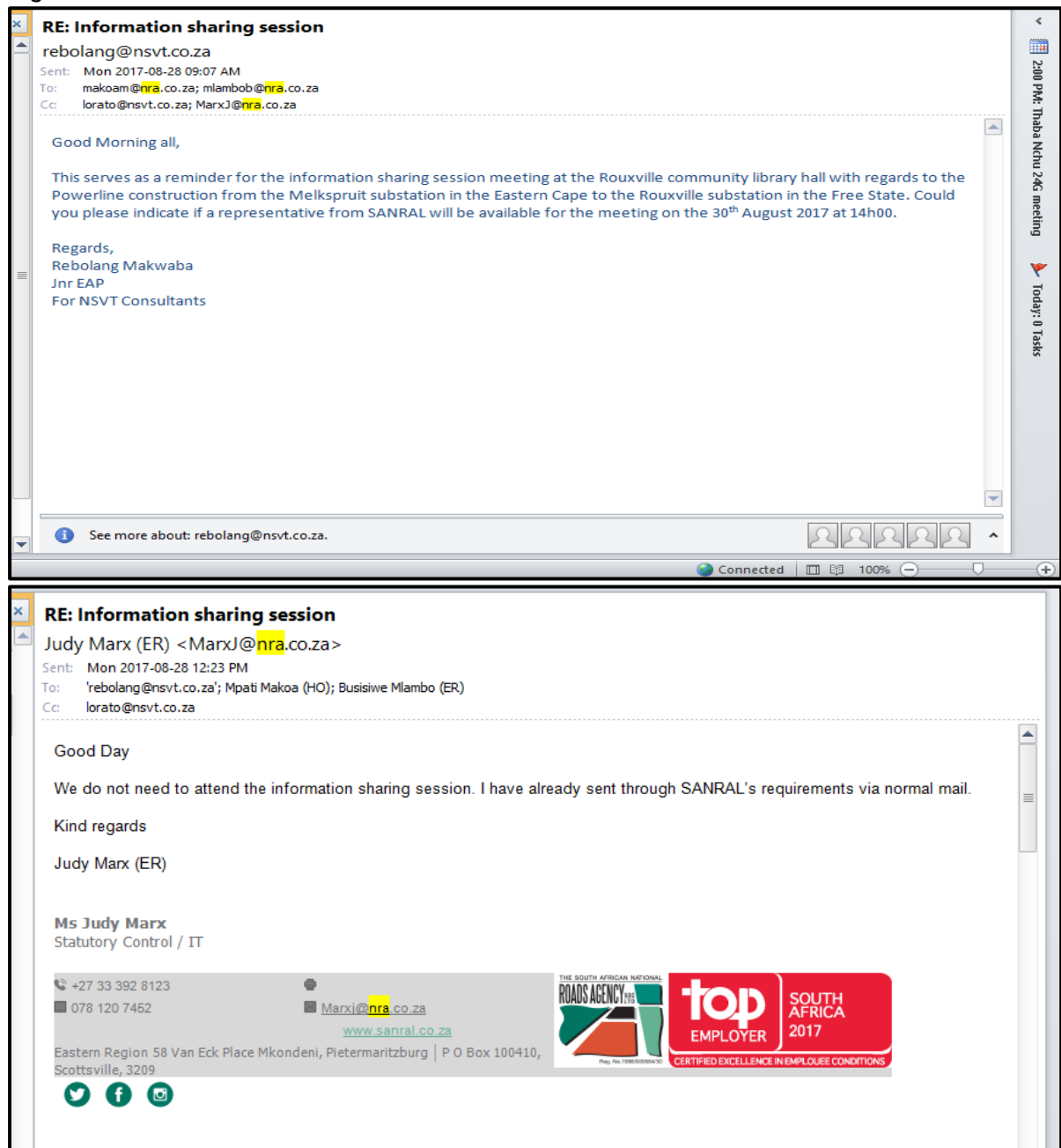




FIGURE 14: CORRESPONDENCE WITH SANRAL

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

Comments received from Sanral are shown in *Figure 15* below.



Eastern Region
58 Van Eck Place, Mkoneni, Pietermaritzburg, 3208
PO Box 189410, Scottsville, South Africa, 3209
Tel +27 (0) 33 3928100 Fax +27 (0) 33 3963365
Offices in Val de Grace – (Head Office), Cape Town, Port Elizabeth

References: 11/5/3 – 6/6 - Gen Your Ref:
Date: 15 August 2017 Direct Line: 033 3928100
Email: manj@nra.co.za Website: www.nra.co.za

NSVT Environmental
P O Box 42452
HEUWELSIG
9332

*Creating
wealth through
infrastructure*

Attention: Lorato Tgedi
Dear Madam
NATIONAL ROUTE N6/6

**BACKGROUND INFORMATION DOCUMENT – PROPOSED 132 KV ESKOM
DISTRIBUTION FREE STATE OPERATING UNIT – ALIWAL NORTH TO
ROUXVILLE**

Your abovementioned BID refers.


From the drawing supplied it is not clear if the proposal traverses or runs parallel to a National Route and SANRAL's (The South African National Roads Agency SOC Ltd) comments are set out below in the event that it will.

Any powerline and associated infrastructure that crosses or runs parallel to the National Road or placed within SANRAL's building restriction area which is 60 metres from the Road Reserve Boundary needs SANRAL's approval.

Once a route has been approved and finalised and falls within 60 metres parallel or crosses the National Road will have to be submitted to SANRAL's Eastern Region for approval.

Formal application shall be made to this office on an encroachment form which can be made available at the time of application and must be completed by the service owner.

Yours faithfully


**For Regional Manager
Eastern Region
SA National Roads Agency SOC Ltd**

Directors: Mr R Morze (Chairperson), Mr S Macozzeni(CEO), Ms A Holstead, Mr C Mbatia, Ms Z Kganyago, Dr A Lawless, Ms D Mashile-Nkosi, Mr M Mathe Company Secretary: Ms AA Mathew

FIGURE 15: COMMENTS RECEIVED FROM SANRAL

3.4. ADVERTISEMENT IN THE LOCAL NEWSPAPERS

The project was advertised on the 11th of August 2017 in The Weekly that is predominantly within the Free State province as well as The Aliwal Weekly in the Eastern Cape region to inform the public of the proposed Eskom FSOU power-line project, however, no-one registered as an I&AP.

Advertisement placed in The Weekly, Rouxville is shown in *Figure 16* below.

6 News The Weekly - Free State Province 11 August - 17 August 2017

ANC welcomes #ZumaVote

Julius Malema misled the public when he claimed that he had spoken to 60 ANC MPs who were ready to vote



Zuma is filthy... The opposition have for the eighth time, failed in their bid to oust President Jacob Zuma

Julius Malema misled the public when he claimed that he had spoken to 60 ANC MPs who were ready to vote against the President.

The African National Congress (ANC) has congratulated the Parliament for its engagement in the National Assembly on Tuesday that resulted in the defeat of the motion of no confidence in President Jacob Zuma and the Cabinet.

The biggest victor of today's event is our constitutional dispensation. It once again reaffirms the ANC's position as the leader of society in that the country's MPs are able to exercise this critical constitutional provision aimed at safeguarding our democracy," the ANC said in a statement.

"It is only through robust engagement and constant dialogue that we will be able to address and overcome the challenges facing our country, such as we have witnessed today."

The ANC maintained that it had faith into MPs and was confident that the MPs acted in the best interests of South Africa.

ANC has sanctioned the 'brown opportunists and hypocrisy of members' by opposition parties who according to them, have tried to put a bad light on ANC MPs.

The Parliamentary Caucus of the ANC has also welcomed Parliament's rejection of the DA's motion of no confidence in President Zuma in the National Assembly on Tuesday.

While ANC supports the right of another political party to table a motion of no confidence, the ruling party has reiterated that they will "never endorse or vote in favour of any motion that seeks to cripple our country".

This motion of no confidence is the eighth attempt by the DA to remove the ANC government in Parliament.

"It has been the predictable intention of the opposition to manipulate the Legislature, usurp the Constitution, so as to collapse Government, hinder service delivery and sow seeds of chaos in society to ultimately grab power", said ANC MP Mawela.

Zuma was applauded moments after he defeated yet another motion of no confidence that was debated in Parliament.

In an address presided by many "thank yous", Zuma described the ANC as powerful and difficult to beat.

"I want to thank you especially leaders that came from the province, particularly the chairman and secretary. I just came to say thank you to all of you for not being administered the hundreds of ANC supporters and members on a screen outside Parliament."

"This came in numbers to demonstrate that the ANC is powerful. It is difficult to defeat the ANC. You can't do it," Zuma said.

He was particularly flattered to the ANC MP for defeating the motion.

"We must thank come also in Parliament who worked hard to defeat the DA. We also thank come also who mobilized you to give support to those inside Parliament."

He, however, noted that his narrow survival of the motion was a slight.

"Always they come. They don't want to learn that you can't touch the ANC. If you don't like it that's your choice," he said in a speech explanation of one of the failed motions of no confidence as nothing but hatred against him.

Zuma accused the opposition of using propaganda when they campaigned for the motion.

"One again we have proved that the ANC is the organisation of the people," Zuma said.

Zuma said the ANC was projected by the opposition to be an oligarchy enjoying majority support.

"There is something interesting in this attack. The integrity of some of the things are interesting," he said.

"The ANC was voted over overwhelmingly by the majority of this country. No party reached such number of votes. We represent the majority."

Details have emerged surrounding a fight between two groups of golfers that broke out at Durban's Athlone Golf Club which was captured on video.

The video which has been declared on social media shows two groups of men pushing and hitting each other in a verbal spate.

The women, who identified themselves as the fight in the video occurred when a club official asked for the men's names. The same group of men had allegedly sworn a team of women earlier in the day.

Speaking to the Daily News, one of the members of the Park Ladies Golf School said a group of eight ladies had arrived at the club on August 5 to find that their booking times were not allocated.

The woman asked not to be named due to threats being made via social media.

"This is despite us booking our time. The booking was made by the Durban Country Club captain who also booked a cart," she explained.

She said the group was asked to play off the 11th tee and on the tee they were to be addressed themselves. The ladies then split into two teams of eight.

They flew through, we were asked if we would not mind playing the one 9 holes again and we obliged. We made our way to the tee box. I was already in the 12th hole when I received a call from one of the ladies who said the group had been assaulted and verbally harassed by a group of men.

The men told them to go back and cook in the kitchen. I advised her to continue with the game and ignore the incident," she said.

She said when the group of men arrived, the group made their way to the upper deck to take their cars and wait for their members.

"The ladies came up to me and told me about the incident between the group of men and our ladies. Moments later, we heard a verbal altercation below where we were. I then witnessed the incident. The club vice-captain had requested the names of the men who had harassed our team. The ladies who were harassed by these men were not aware of this fight as they were still playing. I contacted a security company that sent two cars to escort us off the premises," the female golfer said.

She said when the group of female golfers were leaving, they noticed the same group of male golfers returning to the parking lot.

"They were seen to be pushing and hitting us. I told my group to gather their belongings and drive. As a group of lady golfers, all from different clubs who meet once a month at various courses... In the 13 years of running the Park Ladies Golf School, I have never been harassed or been a part of this kind of behaviour," she said.

The aggressive, racist and racist comments made by the men are completely unacceptable and goes against every form of etiquette this fine game demands," she said.

"Ian Zietman of the Athlone Golf Club said they will not be taking action against the group of men.

"This is a public concern between us and we will be taking statements from our members involved in the incident," he said. - Daily News

Golfers in physical brawl

Parliament dissolution: UDM opposes DA

The United Democratic Movement (UDM) has opposed the Democratic Alliance (DA) plan to bring a motion to have Parliament dissolved and would instead focus on the 2019 general election.

The DA's call for dissolution of Parliament and early elections was announced by its leader Mmusi Maimane on Wednesday.

"The UDM does not support the Democratic Alliance sponsored motion for the dissolution of the National Assembly. We respect the DA's right to propose motions like any other political party represented in the National Assembly. Of immediate importance to the UDM, is the state of readiness of the Independent Electoral Commission of SA (IEC) for the 2019 national and provincial elections," the party said in a statement on Thursday.

"The mandate of the current government comes to an end in 2019, and we are working towards that end. We want to make sure that the 2019 election was credible, free and fair."

Maimane said he believed that South African voters should be given a chance to express their opinions about the "conduct of the ANC [African National Congress] in skin-deep job of Zuma."

His remarks were in apparent reference to the no-confidence motion in Parliament on Tuesday which Zuma survived even though some members of his ANC party voted to boot him out.

The no-confidence motion, which culminated in a secret ballot, was brought by the DA and supported by all opposition parties except the Pan Africanist Congress (PAC).

The DA said it would table its motion to remove Zuma on Thursday and ensure that it is debated and "voted on as soon as practically possible". - AfricanNewsAgency

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND WATER USE LICENSE APPLICATION

Notice is hereby given in terms of the National Environmental Management Act (Act No. 107 of 1998) as amended and the 2014 Environmental Impact Assessment Regulation as amended on 07 April 2017 in Gazette No. 40772 and National Water Act (Act 36 of 1998) of the intent to carry out a basic assessment process and water use license application process for the following activity:

The proponent, Eskom FSOU, intends to construct a new 132kV power-line between the Rouxville substation and the Melkspuit substation in Aliwal North as well as decommission the existing 66kV powerline, in order to meet the future electricity demand.

This activity is regulated by the 2014 Environmental Impact Assessment Regulations as amended on 07 April 2017 published in Government Notice 327, Listing Notice 1:

Activity 11: The development of facilities or infrastructure for the transmission and distribution of electricity—

- (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts.

In terms of the requirements of the EIA Regulations, all stakeholders and Interested and Affected Parties (I&APs) must be provided with the opportunity to participate in the integrated EIA process. In order to ensure that you are identified as an interested and/or affected party and registered on the I&APs database to receive additional information about the project, please submit your name, contact information and interest in the matter to the contact person given below within 30 days of publication of this advertisement.

NSVT Consultants
Environmental Assessment Practitioner-Lorato Tigedi Pr. Sci. Nat.
Tel: 051-430 1041/2
Fax: 086-239 9133
E-mail: lorato@nsvt.co.za
Physical Address: 1 Fourth Street, Office 1A, Arboretum, Bloemfontein, 9301
Postal Address: P.O. Box 42452, Heuwelsig, 9332



FIGURE 16: THE WEEKLY NEWSPAPER ADVERTISEMENT, ROUXVILLE

PAGE 14, 11 AUGUST 2017
ALIWAL WEEKBLAD

14 Huiswenke wat jou geld sal spaar

1. Belê in velsorgprodukte met aktiewe bestanddele
Bestee meer aan produkte wat lank op jou vel bly en 'n langtermynuitwerking het (soos teenverouderingsprodukte). Bestee minder aan iets wat jy afwas, soos 'n gesigwas en lyf-en-ander seep.

2. Kook by die huis
Beplan 'n week se aandetes en maak een aand tyd om 'n paar van die geregte te berei. Jy sal nie so maklik wil kitskos bestel of uiteet wanneer daar 'n tuisgemaakte maaltyd is nie.

3. Eet minder vleis
Maak peulgroente – die eetbare drie saad van peulplante – die hoofbestanddeel van jou aandete. Dit sal jou risiko vir hart-, lewer- en niekerie verminder en jou kosrekening verlaag.

4. Laat jou mani- en pedikuur langer hou
Masseer daaglik kutikelolie aan jou naels vir meer glans en om die vel sag te hou. Hou 'n botteltjie van jou gunsteling naelkleur by die huis sodat jy

jou naelkleur tussen afsprake kan aanvul as dit afsplinter.

5. Vermyn duur spesialiteitsprodukte
Gebruik gewone seep om delikate onderklere te was. Sunlight Laundry Bar werk byvoorbeeld net so goed teen 'n fraksie van die prys.

6. Kry 'n aparte e-pos adres vir aanlyn inkopies
Skep 'n rekening net vir aanlyn inkopies sodat jy nie deur "50% afslag op alles op ons webwerf!"-boodskappe in jou inboks verlei sal word nie.

7. Drink uit 'n sjiek bottel
Koop jy aliewig water vir jou oefenklas soggens? Belê in 'n herbruikbare waterbottel, die planeet sal jou dankbaar wees en deur net drie keer per week nie water te koop nie, kan jy tot sowat R1 000 per jaar spaar.

8. Hokaai met die waspoelier
As jy altyd skat hoeveel wasgoedmiddel jy moet gebruik, gebruik jy waarskynlik te veel, en dis sleg vir jou klere en jou

inkopierekening. Begin van-dag nog om jou wasgoedmiddel af te meet.

9. Kry 'n biblioteekkaart
Lees gratis en spaar meer as R5000 per jaar as jy elke-maand twee nuwe titels kafdraf.

10. Betaal R20, spaar R20
Sukkel jy om jou daaglikse cappuccino-gewoonte te verbreek? Vat elke keer wanneer jy een koop dieselfde bedrag en spaar dit. S6 sal jy sien hoeveel dit jou eintlik kos en spaargeld vir tye van nood hê.

11. Doen slimmer inkopies met digitale aanbiedinge
Meld aan op die webwerf www.unileverdeals.co.za en begin spaar op verskeie daaglikse noodsaaklikhede soos waspoelier, tee en sjampoe.

Kies die winkel waar jy wil koop – Spar, Pick n Pay, Dis-Chem, Checkers of Shoprite – en kies dan om die nuutste aanbieding te sien.

Kliek op die produk wat jy wil hê en 'n kode sal na jou selfoon gestuur word. Wys die kode by die kasregister nadat jy jou inkopies gedoen het en die afslag sal van jou rekening afgetrek word.

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND WATER USE LICENSE APPLICATION

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CONSULTANTS
NSVT
ENVIRONMENTAL & SOCIAL SCIENTISTS

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CONSULTANTS
NSVT
ENVIRONMENTAL & SOCIAL SCIENTISTS

INDWE AUCTION

STÖTTERHEI

SUSSEX STUD SA

ON TUESDAY, 22 AUGUST 2017

AT 11:00 ON FARM HEIMAT, INDWE



LOCATION

FROM INDWE ON THE ELIOT ROAD
20KM TURN TO RIGHT
FOLLOW BRK SALE SIGNS

ON OFFER

40 Sussex Bulls
40 Commercial Cows
(In calf)
15 Droughtmaster Bulls
(2-3 years old)

5831 Navrae: Trevor Stötter - 082 446 5810, Henri Naude - 082 374 3193, Christo Kleynhans - 082 602 9682, Afslaer, JJ van der Watt: 082 772 2060
Vir volledige besonderhede en voorwaardes besoek gerus ons webtuiste: www.bkb

FIGURE 17: NEWSPAPER ADVERTISEMENT PLACED IN ALIWAL WEEKLY NEWSPAPER

3.5. ON-SITE NOTICE AND POSTERS

On site, notices and posters were used to bring the proposed development to the attention of I&APs. They were placed on the 10th of August 2017 in Aliwal North and Rouxville areas to provide everyone with an opportunity to register as an I&AP but no comments were received, see *Photos* below.

3.5.1. ON-SITE NOTICES

The on-site was placed at Melkspruit substation and Rouxville substation to notify landowners and the surrounding communities, see *Photo 1 & 2* below.

Photo 1 below shows the on-site notice placed at Melkspruit substation.



PHOTO 1: ON-SITE NOTICE PLACED AT MELKSPRUIT SUBSTATION

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Photo 2 below shows the on-site notice fixed to the fence of Rouxville substation.



PHOTO 2: ON-SITE NOTICE PLACED AT ROUXVILLE SUBSTATION

3.5.2. POSTERS

The posters were placed at prominent places in both Aliwal North and Rouxville. The Aliwal North region posters were placed at the Walter Sisulu LM notice board, the local library as well as the Melkspruit substation and in Rouxville; they were placed at Mohokare LM and the library in Rouxville and Roleleathunya.

Posters placed at the Aliwal North are shown in *Photo 3* and *4* below.



PHOTO 3: POSTER AT WALTER SISULU (MALETSWAI) LM

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PHOTO 4: POSTER PLACED AT ALIWAL NORTH LIBRARY

Posters placed at prominent places in Rouxville are shown in *Photos 5 to 7* below.



PHOTO 5: POSTER PLACED AT MOHOKARE LM

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PUBLIC PARTICIPATION REPORT**



PHOTO 6: POSTER PLACED AT ROUXVILLE LIBRARY



PHOTO 7: POSTER PLACED AT LIBRARY IN ROLELEATHUNYA

3.6. OTHER ALTERNATIVE METHODS

Although no response was received from the distribution of the BID, newspaper advertisement and the on-site advertisement and posters, alternative method used to ensure that all means have been explored to obtain comments on the proposed development was to arrange separate meetings including an information sharing session. Therefore meetings were arranged with all the identified I&APs and this is discussed in detail below.

3.6.1. CONSULTATION WITH IDENTIFIED I&APs

Meetings were requested with Walter Sisulu LM and Mohokare LM so that we could be provided with an opportunity to present the proposed development and be informed of any plans that could have a direct effect on Eskom's plan to have a new powerline with more capacity and the decommission the existing 66kV. Correspondences with the local authorities are shown below. Meeting with Area 13, Dukathole was arranged and the records of the meetings are discussed in Section 3.6.1.2. below.

3.6.1.1. MEETING WITH WALTER SISULU LM

Meeting with Walter Sisulu never materialized, however, the municipality will be provided with an opportunity to review the draft basic assessment report and sent their input then. *Figure 18* below shows correspondence with the municipality.

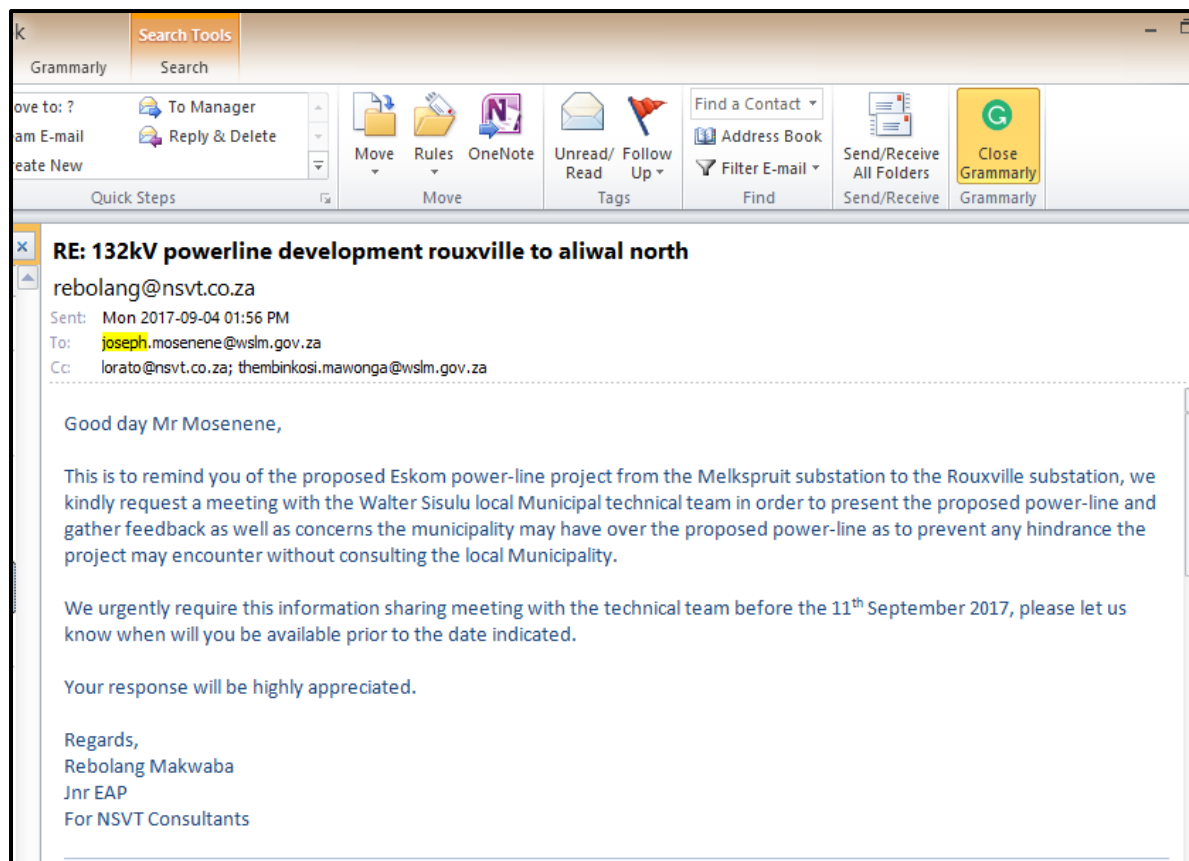


FIGURE 18: CORRESPONDENCE WITH WALTER SISULU LM

3.6.1.2. MEETING WITH WARD 6 COUNCILLOR AND AREA 13 COMMUNITY

Notification was sent to Councillor Zuzani Masina of the affected ward 6 in the Dukathole community and a meeting arranged through the Public Participation Officer, Mr. Eric Manzi, which was held on the 31st of August 2017. Photo 8 below was taken during the meeting and the numbers of attendees was poor due to the windy weather conditions. However, the Community Development Workers and Ward Committee members were present at the meeting and indicated that they will ensure that at their next meeting they will inform the community. The ward committee members also helped NSVT with the translation during the meeting. The outline of the presentation entailed the following:

1. Brief explanation of Environmental Legislation and the Basic Assessment Process
2. Purpose of meeting
3. Proposed development
4. Project background need for project
5. Explanation on how the community can be involved during the process.



PHOTO 8: MEETING HELD AT AREA 13, DUKATHOLE

The issues raised were mostly based on creation of jobs and when will construction start and whether people from the community will be employed and we explained to the community that Eskom will follow the necessary procedure in consultation with the local authority prior to commencement of construction. We assured them that there would be job opportunities, although short-term for non or semi-skilled labourers. Another issue was whether there will be any power outages during construction and it was explained that they will be notified timeously for any power disruptions. From the consultation with the community, no objections were received except their gratitude for Eskom to finally decommission the 66kV as it was posing safety risk to the neighbouring households.

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3.6.1.3. MEETING WITH MOHOKARE LM

Meeting was held with unit manager, Mr. Matamane, councillor Valasheya and other officials on the 5th September 2017 to discuss the proposed development. Although no objections were raised regarding the proposed development, the interest the municipality has was the envisaged commencement date for construction and recruitment of local labourers. The EAP explained that there is no date set yet as the development requires an Environmental Authorisation and Water Use License before construction phase can start. However, the municipality will be informed prior, as they will have to assist with labour recruitment. It was concluded that the draft Basic Assessment Report will be sent to the municipality for review and the report was forwarded but no comments were received.

The attendance register of the meeting held is shown in *Figure 19* below.

ATTENDANCE REGISTER				
FOR				
MEETING HELD ON THE 05-09-2017				
AT Rouxville, municipal office				
Name	Organisation/ Company/ Department	Tel. & Fax No.	E-mail	Signature
Selloane Modise	MOHOKARE PMU	071 752 5443	Smodise79@gmail.com	
B. Valasheya	CLLR	082 745 22 46	bvalasheya@webmail.co.za	
M.S. Matamane	UNIT MANAGER	06071222 92	msmatamane@mo.gov.za	
N. Sturman	MOHOKARE LM	082 427 0705	nentsi1437@gmail.com	
Loana Tiger	NSVT Consultants	082 784 8259	Loana@nsvt.co.za	

FIGURE 19: ATTENDANCE REGISTER FOR MEETING WITH MOHOKARE LM

3.6.2. CONSULTATION WITH FREE-STATE ROADS DEPARTMENT AND TELKOM

After the BID was sent, follow-up meetings were held with Free State Roads and Telkom to discuss the proposed alternative routes as they cross provincial roads and the telecommunication lines considering their servitudes, therefore their input is critical in selecting a suitable route. Records of consultation are shown in *Figure 20* to *22* below.

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
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3.6.2.1. MEETING WITH FREE-STATE ROADS DEPARTMENT

Meeting was held with Mr. Naude, Chief Engineer for Road Planning on the 7th September 2017, see attendance register in *Figure 20*. The proposed development was presented to him focusing on the alternative routes. He indicated that there were no objections to both the alternative routes but no towers should be placed no less than 45 meters of the provincial roads reserve. Although in terms of an old agreement dated 1990 between Eskom and OFS Provincial Administration regarding the erection of power-lines within the building control area of provincial roads in the Free State, it is stipulated as 64 metres.

Attendance register for consultation with Free State Department Roads, Police and Transport is shown in *Figure 20* below.


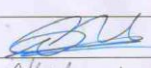


				
ATTENDANCE REGISTER				
FOR				
MEETING HELD ON THE <u>Medfontein Building premises 07/09/2017</u>				
AT <u>10h00</u>				
Name	Organisation/ Company/ Department	Tel. & Fax No.	E-mail	Signature
W.A. Naude	FSPG Roads	082 0599 707	fsproadplanning@gmail.com	
Rebelang Makwala	NSVT	079 1470548	rebelang@nsvt.co.za	
J. Tigoa	NSVT	082 784 8259	prat@nsvt.co.za	

FIGURE 20: ATTENDANCE REGISTER FOR MEETING WITH FREE STATE ROADS

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
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The agreement between Eskom and the Department referred to above to is shown in *Figure 21* below.

**AGREEMENT ENTERED INTO BETWEEN ESKOM AND THE ORANGE FREE STATE
PROVINCIAL ADMINISTRATION IN CONNECTION WITH THE ERECTION OF POWER
LINES AND THE LAYING OF UNDERGROUND CABLES WITHIN THE BUILDING
CONTROL AREA OF PROVINCIAL ROADS IN THE FREE STATE PROVINCE**

1. INTRODUCTION

1.1 Section 9 and 9A of the Advertising on Roads and Ribbon Development Act, 1940 (Act 21 of 1940), as amended, reads as follows:

"9. Prohibition of erection of structures near certain roads:

(1) Subject to the provisions of section 9A no person shall erect or permit the erection of any structure or any other thing that is connected to the land on which it stands, even though it does not form part of that land, or construct or lay or permit the construction or laying of anything under or below the surface of any land within a distance of ninety-five metres from the centre line of a building restriction road, or make or permit to be made any structural alteration or addition to any such structure or thing so situated, except in accordance with the permission in writing granted by the controlling authority concerned."

"9A Prohibition of erection of structures or construction of other things near intersections of certain roads:

No person shall:

- a) on land situated within a distance of 500 metres from the intersection of the centre line of –
 - (i) a building restriction road with the centre line of another building restriction road or any other road;
 - (ii) any road with the boundary of any building restriction road with which it links up,except a national road as defined in the National Roads Act, 1971 (Act 54 of 1971), erect any structure or any other thing which is attached to the land on which it stands, whether or not it forms part of that land;
- b) construct or lay anything beneath the surface of land situated as contemplated in paragraph (a);
- c) make any structural alteration or addition to a structure erected on, or anything erected or laid beneath the surface of, land situated as contemplated in paragraph (a);
- d) permit the erection of a structure on, or the construction or laying of anything beneath the surface of, land situated as contemplated in paragraph (a), or the making of any structural alteration or addition to a structure erected on, or anything erected or laid beneath the surface of, land so situated, except if it is done in accordance with a written permission granted by the controlling authority concerned."

1.2. The controlling authority, in so far as provincial primary, secondary and tertiary roads are concerned, is the Administrator of the Orange Free State Province. The control of national roads is vested in the Department of Transport.

1.3 The statutory road reserve width of proclaimed provincial roads in the province is as follows:

- Primary road (with the prefix P before the number): 32 metres
- Primary dual carriageway road (also prefix P before the number): 64 metres
- Primary junction (prefix A before the number): 32 metres
- Primary dual carriageway junction (also prefix A before the number): 64 metres
- Secondary road (prefix S before the number): 25 metres
- Tertiary road (prefix T before the number): 16 metres

1.4 NB: For the purposes of this agreement the width of tertiary roads is regarded as 25 metres.

1.5 Where the undermentioned words are referred to in this agreement they have the meaning indicated opposite:

1.5.1 Centre line of a road:

- (a) Single carriageway road: The centre of the roadway
- (b) Dual carriageway road: The centre between the centre lines of the roadways.

1.5.2 Parallel or approximately parallel to a road:

The general route of a power line or underground cable follows the direction of a road and this includes the intersection of a parallel power line or underground cable, which crosses over from one side of the road to the other side of the road and then again runs parallel further on.

1.5.3 Crossing of a road:

The general route of a power line or an underground cable is diagonal to the direction of a road.

2. APPLICATION PROCEDURE

- 2.1. Before Eskom erects a power line or lays an underground cable Eskom shall notify the Administration of its intention in this regard in writing and supply the information required by the Administration.
- 2.2. Such notice shall be accompanied by proper drawings indicating all relevant information in accordance with the guidelines as indicated on Typical Drawing TP69, provided that section plans with regard to power line intersections shall not normally be provided, except in cases where such section plans are required when Eskom applies for intersections on positions where new roads or changes to existing roads are planned. These drawings shall be discussed in advance by Eskom with the Regional Road Engineer concerned of the Chief Directorate of Roads of the Administration.
- 2.3. The said notices with drawings shall be directed by Eskom to the Executive Director: Roads, PO Box 690, 9300 Bloemfontein and Eskom shall at the same time supply the Regional Road Engineer(s) and Roads Superintendent(s) concerned with copies.

3. APPROVALS

All permissions Eskom was granted by this Administration in terms of the provisions of section 9 and 9A of Act 21 of 1940 for the erection of power lines or underground cables within the building control area of provincial roads will be granted in accordance with this agreement. Such permissions shall only indicate the number(s) of Eskom's drawings and the number(s) of the roads concerned and refer to this agreement. Eskom undertakes to erect the planned power lines or lay underground cables in accordance with the requirements and provisions of this agreement.

4. ERECTION OF POWER LINES OR LAYING OF UNDERGROUND CABLES

4.1 MAIN POWER LINES (power lines with a voltage exceeding 22kV):

4.1.1 Main power lines are only erected parallel or almost parallel to provincial primary, provincial secondary or provincial tertiary roads if any part of the pylons, poles, struts or anchors of the power line is at least 95 metres from the centre line of the road concerned: On condition that the Administration must consider a reduction in this distance in special circumstances. This reduction in distance shall be at Eskom's risk with regard to future cost shifts.

4.1.2 Main power lines may only cross a provincial primary, provincial secondary or provincial tertiary road if any part of the pylons, poles, struts or anchors of the power line is at least 48 metres from the centre line of the road concerned: On condition that the Administration can change this distance in special circumstances if it is essential for road purposes.

4.1.3 The provisions of subparagraphs 4.1.1 and 4.1.2 are also applicable to new roads which have already been proclaimed but not yet built and on future roads whose planning has already been completed. If there are any modifications to the planning of a future road after a power line/cable has been erected/laid Eskom is not liable for any costs attached to the changes of a power line/cable due to the modification to the planning of a future road.

4.2 RURAL POWER LINES (power lines with a voltage of 22kV and lower):

4.2.1 Rural power lines may be erected parallel or almost parallel to a provincial primary road, provincial secondary or tertiary road as long as all pylons, poles, struts or anchors of the power line are put outside the road reserve: On condition that if it is impractical to comply with this, such pylons, poles, struts or anchors may not be placed more than 1 metre within the road reserve.

4.2.2 Rural power lines may only:

- a) Cross a provincial primary road if any part of the pylons, poles, struts or anchors of the power line is at least 48 metres from the centre line of the road.
- b) Cross a provincial secondary or provincial tertiary road if any part of the pylons, poles, struts or anchors of the power line is at least 32 metres from the centre line of the road.

4.2.3 The provisions of subparagraphs 4.2.1 and 4.2.2 are also applicable to new roads that have already been proclaimed but not yet built and to future roads whose planning has already been completed. If there are any modifications to the planning of a future road after a power line/cable has been erected/laid, Eskom is not liable for any costs attached to the change of a power line/cable due to the modification to the planning of a future road.

4.3 UNDERGROUND CABLES (all underground electric cables, pilot cables included):

4.3.1 Distance from the centre line of the road:

An underground cable may be laid parallel to or almost parallel to a provincial primary, provincial secondary or provincial tertiary road as long as it is laid outside the road reserve: On condition that if it is impractical to comply with this such cable may be placed no more than 1 metre within the road reserve.

4.3.2 Cable that crosses the road must be properly sheathed:

An underground cable may only cross a road if it is put in proper sheathing for its full length in the road reserve.

4.3.3 Proclaimed and future roads:

The provisions of subparagraphs 4.3.1 and 4.3.2 are also applicable to new roads that have already been proclaimed but not yet built and to future roads whose planning has already been completed. If there are any modifications to the planning of a future road after a cable has been laid, Eskom is not liable for any costs attached to the change of a power line/cable due to the modification to the planning of a future road.

4.3.4 Indication of the cable route:

The route of an underground cable within a road reserve must be indicated by Eskom's standard surface markers which may not be placed further apart than 100 metres. Manholes or joint boxes may be put up in a road reserve provided they do not protrude above the natural surface of the ground.

4.3.5 Depth at which cable must be laid:

No underground cable may be laid at a depth of less than 1 metre under the surface of any road or less than 1 metre under the soil surface in any part of the road reserve.

4.3.6 Laying of cable and rehabilitation of surface:

- a) The laying of an underground cable and the rehabilitation of the surface of the road concerned and/or road reserve must be to the satisfaction of the Administration.
- b) If Eskom is not able to properly rehabilitate the road surface the Administration can do this at the expense of Eskom.

5. HEIGHT OF POWER LINE ABOVE ROAD SURFACE

No overhead conductor may be run lower than the minimum height prescribed by the Machinery and Occupational Safety Act, 1983 (Act No. 6 of 1983) above the highest point of the road surface over a provincial primary, provincial secondary or provincial tertiary road.

6. CHANGE TO POWER LINES AND UNDERGROUND CABLES DUE TO ROADWORKS

6.1 If a main power line, rural power line or underground cable exists parallel or almost parallel to a provincial road within the building control area of such a road, as described in sections 9 and 9A of Act 21 of 1940, Eskom must shift or change the power line or underground cable at their own

expense and without compensation if it is essential for the purposes of any roadworks within the building control area of such road.

6.2 If a main power line or a rural power line crosses a provincial road Eskom is responsible for the costs attached to the maintenance of clearances or the change of clearances due to roadworks as far as they are situated within the transposition span of the power line. Any expenses with regard to the shifting of pylons, poles, struts or anchors or a change in the power line route outside the transposition span due to roadworks shall be for the account of the Administration, provided that the pylons, poles, struts or anchors of the power line have been put up according to the distances stated in paragraphs 4.1.2 or 4.2.2 of this agreement.

6.3 If an underground cable crosses a provincial road Eskom is responsible for the costs attached to the change or shifting of such cable due to roadworks within a distance of 48 metres from the centre line of a provincial road. Any costs with regard to the change or shifting of an underground cable due to roadworks outside the distance of 48 metres from the centre line of a provincial road shall be for the account of the Administration.

7. DAMAGE TO POWER LINES AND UNDERGROUND CABLES

7.1 The Administration is not liable to Eskom for damage done to an existing power line due to road construction work or road maintenance work unless Eskom proves negligence on the part of the Administration, or the latter's officials, agents or contractors.

7.2 The Administration undertakes, where possible, to notify Eskom at least 7 days prior to the commencement of roadworks in the area of the power line.

8. SAFETY OF ROAD USERS

8.1 Eskom undertakes during the construction of a main power line or rural power line as well as when the power line is in operation to take all reasonable precautions at the point of intersection of such a power line and any road to ensure the safety of road users.

8.2 If any work is done within a road reserve the necessary and required road signs for the intended activities shall have to comply with the minimum requirements as contained in the South African Manual for Road Traffic Signs. The attached Annexures A, B and C show the minimum road sign sequences for traffic control at roadworks. Eskom must supply and put up the signs for the specific case to the satisfaction of the Regional Road Engineer/Roads Superintendent before the work commences. Although the road sign sequences only show minimum requirements the RRE/Roads Superintendent may require additional signs depending on circumstances. For work within the road reserve of dual carriageway roads special arrangements over and above the foregoing requirements will have to be made with the RRE/Roads Superintendent.

9. CLAIMS BY THIRD PARTIES

Eskom indemnifies the Administration against any claim for damages, including legal costs, which may be instituted by any person, which arises from the erection or presence of a power line or any other works carried out by Eskom, or caused by the failure by Eskom to properly maintain or secure the power line or other works, or from any damage to the power line or other work caused by whoever; On condition that in cases where Eskom proves negligence on the part of the Administration or its officials, agents or contractors, this indemnity will not apply.

10. ACCESS TO PUBLIC ROADS

10.1 Access points to power line routes:

Eskom may put up a gate in the road reserve fence on each side of the road for construction and maintenance purposes at the point of intersection of a power line and a road provided that:

- a) the gate complies with the specifications approved by the Administration;
- b) the gate is put up at the route of the power line or as close as possible to it by taking into account the available safe visibility at the point of intersection and the physical limitations of the terrain;
- c) the gate is kept locked at all times; and
- d) no person other than an Eskom employee be allowed to use the gate.

10.2 Access points to substations and other terrains:

There are no standard conditions with regard to these access points and each case must be treated on merit by means of prior negotiations with the Administration.

ESKOM
OFS Region

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

The Director General
Provincial Administration
Chief Directorate of Roads
PO Box 690
Bloemfontein

Attention: Mr JJP Henning
9 August 1990

Sir

**ADVERTISING ON ROADS AND RIBBON DEVELOPMENT ACT: POWER LINES ALONGSIDE
AND OVER ROADS**

Your letter of 12 July 1990 refers.

Eskom does not agree with the proposed modifications for the following reasons:

1. Paragraph 2.1: We propose that paragraph 1.5.1 (b) remain unchanged since the purpose of 48m from the centre line of single carriageway roads is to accommodate future dual carriageway roads.
2. Paragraph 2.2: Drawing standards

Eskom prefers that the drawing standards should not be included in the agreement at all. But we are fully prepared to use drawing TP 69 as an example for the preparation of application plans. Sectional plans of power line intersections are for instance not yet available at the time of applications and in paragraph 3 of the agreement Eskom undertakes to erect the proposed services in accordance with the provisions for the distances from road centre lines, clearances, etc.

3. Paragraph 2.3: Eskom does not have a problem with this.

The primary reason for the review of the original agreement was to eliminate obscurities and not to produce further red tape and expenses.

I trust that you will see this letter in a positive light and am looking forward to hearing from you.

Yours faithfully

J GELDENHUYS
REGIONAL MANAGER

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

EXECUTIVE COMMITTEE RESOLUTION NO. 605:1990.10.19

MEMO: P29/2 – 1990.10.02: General Provincial Services Branch
Chief Directorate of Roads

ADVERTISING ON ROADS AND RIBBON DEVELOPMENT ACT: POWER LINES ALONGSIDE
AND OVER ROADS (Item 13)

RESOLUTION – that the new agreement between Eskom and the Provincial Administration be
accepted in the place of the current standing agreement.

(Deputy Director General)

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

P29/2

General Provincial Services Branch
Chief Directorate of Roads

THE ADMINISTRATOR

ADVERTISING ON ROADS AND RIBBON DEVELOPMENT ACT: POWER LINES ALONGSIDE
AND OVER ROADS

1. PURPOSE OF THE SUBMISSION

To obtain approval for amending the standing agreement between the Administration and Eskom.

2. MOTIVATION

2.1 In terms of the provisions of the Advertising on Roads and Ribbon Development Act, No. 21 of 1940 no person shall erect or permit the erection of any structure or any other thing which is attached to the land on which it stands, even though it does not form part of that land, or construct or lay or permit the construction or laying of anything under or below the surface of any land within a distance of ninety-five metres or land situated within a distance of 500 metres from the intersection of the centre line of a building restriction road, or make or permit to be made any structural alteration or addition to any such structure or thing so situated, except in accordance with the permission in writing granted by the controlling authority concerned.

2.2 Since 1970 there has been an agreement between the Administration and Eskom with regard to the erection of power lines alongside and over roads (please refer to Annexure A).

2.3 During 1989 several discussions were held at the request of Eskom with officials of the Chief Directorate of Roads in order to clarify the purpose of the application of the agreement.

2.4 The draft agreement between Eskom and the Chief Directorate of Roads has now been finalised and is attached as Annexure B. Eskom requests the Administration to conclude the new agreement with Eskom and allow the current standing agreement to lapse. Only small changes have been made and in essence the new agreement does not differ much from the previous agreement. The new agreement has been set out more clearly as far as the requirements and duties of both parties are concerned. It is therefore put forward that the new agreement (Annexure B) be accepted in the place of the current agreement.

3. FINANCIAL IMPLICATIONS

None

4. PERSONNEL IMPLICATIONS

None

5. COMMUNICATION IMPLICATIONS

Eskom will be notified of the decision.

6. PARTIES CONSULTED

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Eskom

7. POWER OF APPROVAL

In terms of the Advertising On Roads And Ribbon Development Act, No. 21 of 1940 the power is vested in the Administrator.

8. RECOMMENDATION

It is recommended that the new agreement between Eskom and the Provincial Administration be accepted in the place of the current standing agreement.

DIRECTOR GENERAL

Date: 90.10.02

ELECTRICITY SUPPLY COMMISSION

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

17.9.1970

The Honourable Administrator of the Orange Free State
Provincial Offices
BLOEMFONTEIN

Dear Sir

**ADVERTISING ON ROADS AND RIBBON DEVELOPMENT ACT, 1940 AS AMENDED:
TRANSMISSION LINES ALONGSIDE AND OVER ROADS**

Due to the tremendous development that is currently experienced in all areas in the Republic, Eskom is forced to set up more and more transmission lines with higher voltages so that the growing demand for electricity can be met. Since more and more roads are constructed and improvements to existing roads are made it is unavoidable that the transmission lines and roads will to an increasing extent intersect one another or be built close to one another. It is further unavoidable that the construction of the one will also affect the other. That the one has to be constructed in such a way that the other is affected as little as possible and that reasonable consideration of the other party's interests must determine the action of both Eskom and the road authorities seem to be reasonable assumptions. Both bodies do indeed render a service to the country as a whole without which progress would be seriously hampered.

On this basis Eskom held discussions with the Department of Transport and the National Transport Commission and expressed the wish that uniform conditions must be laid down by the different road authorities in cases where transmission lines must be erected alongside or over roads. Eskom also expressed its concern about the fact that with regard to old national roads and provincial roads the conditions are as strict as for national freeways.

With regard to national freeways Eskom and the National Transport Commission agreed on amended standard conditions that would be laid down in future. A copy of these conditions is included in Annexure "A" which is attached as information.

It was explained to Eskom that –

(a) with regard to old national roads conditions were laid down by the National Transport Commission in accordance with the wishes of the Provincial Administration into whose control the roads concerned will ultimately revert; the purpose of this is to protect these potential provincial roads to the extent required by the Provincial Administration concerned for the period in which they are still under the control of the National Transport Commission;

(b) with regard to provincial roads, the Administrator concerned, in terms of Act No. 21 of 1940, is the controlling authority and that Eskom must therefore liaise directly with the respective provinces with regard to the conditions laid down by them; and

(c) the conditions contained in Annexure "A" were designed with the specific requirements of national freeways in mind and that they ought not to be as strictly applicable to other roads.

On the basis of this explanation Eskom would like to obtain uniform conditions from the respective provinces. With a view to this draft conditions were drawn up, based on the foregoing conditions of the National Transport Commission and the detailed standard conditions drawn up by the OFS Provincial Administration in 1966. These draft conditions contained in Annexure "B" are submitted to you for your consideration and comment while a similar letter with the same purpose is sent to the Administrators of the other provinces.

Trusting that it will be convenient for you to let me have your comment in due course.

Yours faithfully

HJ DE VILLIERS
GENERAL MANAGER

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

ANNEXURE "A"

STANDARD CONDITIONS LAID DOWN BY THE NATIONAL TRANSPORT COMMISSION WITH REGARD TO TRANSMISSION LINES NEAR OR OVER NATIONAL FREEWAYS

- (a) No (pylons, poles, anchors, pipes or cables) may be (erected or laid) within a distance of Cape feet measured from the (centre line/road reserve boundary) of the (national/special) road, where such (pylons, poles, anchors, pipes or cables) are (erected or laid) parallel to such road, or within a distance of Cape feet from such centre line at any intersection.
- (b) No overhead wire may be run lower than feet above the highest point of the road surface over a (national/special) road.
- (c) The underground (cable or pipe) must be laid in sheathing at a depth of not less than 3 feet under the road surface of the (national/special) road.
- (d) Eskom undertakes to take precautions to maintain at all times all (pylons, poles, anchors, overhead wires, cables and pipes) at their own expense and to take all steps to ensure the safety of road users.
- (e) Eskom undertakes to shift or relay at their own expense and without compensation any (aboveground or underground) power line at the point of intersection of such power line and the existing (national/special) road if such shift is required as a result of road widening work, road addition work or road maintenance work: On condition that such widening, structural addition or maintenance does not cause a change in the route of the (national/special) road.
- (f) Eskom indemnifies the Provincial Administration and the National Transport Commission and exempts them from any claims or damage that may be laid or suffered by any person, including legal costs, as a result of establishing (erection or laying) of any (pylons, poles, anchors, overhead wires, or underground cables or pipes), or any other works constructed or established by the said Eskom or as a result of the said Eskom's failure to properly maintain or secure the said (pylons, poles, anchors, wires, cables, pipes) or as a result of any damage to the said (pylons, poles, anchors, wires, cables, pipes) or works caused by whoever: On condition that where the said Eskom proves negligence on the part of the Provincial Administration and the National Transport Commission, or their officials, this condition will not be applicable.
- (g) The Provincial Administration and the National Transport Commission will not be liable for any damage that Eskom may suffer as a result of anything that may be done with regard to road construction and road maintenance or through any other action whatsoever, unless the said Eskom proves negligence on the part of the Provincial Administration and the National Transport Commission or their officials.
- (h) No permanent access whatsoever to or from the (national/special) road will be permitted.
- (i) The work may only be executed if all the foregoing conditions are fully accepted and if all the prescripts, requirements and obligations, which the Provincial Administration may lay down for the work over or under the road, are accepted and complied with.

ANNEXURE "B"

PROPOSED STANDARD CONDITIONS TO BE LAID DOWN BY PROVINCIAL ADMINISTRATIONS WITH REGARD TO TRANSMISSION LINES AND POWER LINES NEAR OR OVER ROADS: SECTIONS 9 AND 9 BIS OF ACT 21/1940

MAIN TRANSMISSION LINES

Transmission lines with a voltage exceeding 22kV are regarded as main transmission lines.

1. DISTANCE FROM CENTRE LINE OF THE ROAD

- 1) A main transmission line is erected only parallel or almost parallel to a national, special, provincial primary, provincial secondary or provincial tertiary road if the pylons/poles of the transmission line are at least 95 metres from the centre line of the road concerned: On condition that the Administration must consider a reduction in this distance in special circumstances.
- 2) A main transmission line may only cross a national, special, provincial primary, provincial secondary or provincial tertiary road if the pylons/poles of the transmission line are at least 47.5 metres from the centre line of the road concerned: On condition that the Administration can change this distance in special circumstances if it is essential for road purposes.
- 3) The provisions of subparagraphs (1) and (2) are also applicable to new roads which are already proclaimed but not yet constructed and to planned roads whose routes have been clearly defined.

2. HEIGHT ABOVE ROAD SURFACE

No overhead conductor may be run lower than the minimum height prescribed by the Factories, Machinery and Building Work Act, Act No. 22 of 1941, as amended, above the highest point of the road surface of a national, special, provincial primary, provincial secondary or provincial tertiary road.

3. RELOCATION OF TRANSMISSION LINE

Eskom undertakes to relocate or change at their expense and without compensation a main transmission line at the point of intersection of the said transmission line and an existing national, special, provincial primary, provincial secondary or provincial tertiary road if such shift or change is essential for the purposes of road widening work, road addition work or road maintenance work: On condition that such widening, structural addition or maintenance work does not cause a change in the existing route of the road or a widening of the existing road reserve or a change in the existing transmission line route outside the road reserve.

4. DAMAGE TO TRANSMISSION LINE

- 1) The Administration is not liable to Eskom for damage done to an existing transmission line as a result of road construction work or road maintenance work unless Eskom proves negligence on the part of the Administration, or the latter's officials, agents or contractors.
- 2) The Administration undertakes, where possible, to notify Eskom at least 3 days prior to the commencement of roadworks in the area of the main transmission line.

5. SAFETY OF ROAD USERS

Eskom undertakes during the erection of a transmission line as well as when the line is in operation to take all reasonable precautions at the point of intersection of such a transmission line and any road to ensure the safety of road users.

6. CLAIMS OF THIRD PARTIES

Eskom indemnifies the Administration against any claims for damages, including legal costs that may be instituted by any person, arising from the erection or presence of a transmission line or other works done by Eskom or caused by Eskom's failure to properly maintain or secure the transmission line or other works by whosoever. On condition that in cases where Eskom proves negligence on the part of the Administration or its officials, agents or contractors, this indemnity will not be applicable.

7. ACCESS POINTS

Eskom may put up a gate in the fence on each side of the road at the point of intersection of a transmission line and a road if –

- (a) the gate meets the specifications approved by the Administration;
- (b) the gate is put up on the route of the transmission line or as close as possible to it;
- (c) the gate is kept locked at all times; and
- (d) no person other than an Eskom employee is permitted to use the gate.

RURAL POWER LINES

Transmission lines with a voltage of 22kV and lower for the purposes hereof are regarded as rural power lines.

1. DISTANCE FROM CENTRE LINE OF ROAD

(1)(a) A rural power line may be erected parallel or almost parallel to a national, special or provincial primary road as long as all poles/pylons of the power line are put outside the road reserve: On condition that if it is impractical to comply with this such poles/pylons may not be placed more than 1 metre within the road reserve.

(b) A rural power line may be erected parallel or almost parallel to a provincial secondary or provincial tertiary road if the poles/pylons of such power line are placed at least at a distance of 1 metre less than half the width of the road reserve from the centre line of the road. For purposes of this paragraph the road reserve of a tertiary road is deemed to have secondary status.

(1) (a) A rural power line may only cross a national, special or provincial primary road if the poles/pylons of the power line are at least 38 metres from the centre line of the road.

- (ii) A rural power line may only cross a provincial secondary or provincial primary road if the poles/pylons of the power line are at least 31.5 metres from the centre line of the road. For the purposes of this paragraph the road reserve of a tertiary road is deemed to have secondary status.

2. HEIGHT ABOVE ROAD SURFACE

No overhead conductor may be run lower than the minimum height prescribed by the Factories, Machinery and Building Work Act, Act No. 22 of 1941, as amended, above the highest point of the road surface of a national, special, provincial primary, provincial secondary or provincial tertiary road.

3. RELOCATION OF POWER LINES

(1) If a rural power line has been erected parallel or almost parallel to a road in accordance with the provisions of paragraph B 1(1) Eskom must relocate or change the power line at their own expense and without compensation if it is essential for the purposes of roadworks.

(2) Eskom undertakes to shift or change at their expense and without compensation a rural power line at the point of intersection of the said power line and an existing national, special, provincial primary, provincial secondary or provincial tertiary road if such shift or change is essential for the purposes of road widening work, road addition work or road maintenance work: On condition that such widening, addition or maintenance work does not cause a change in the existing route of the road or a widening of the existing road reserve or a change in the existing power line route outside the road reserve.

4. DAMAGE TO POWER LINES

(1) The Administration is not liable to Eskom for damage done to an existing power line as a result of road construction work or road maintenance work unless Eskom proves negligence on the part of the Administration, or the latter's officials, agents or contractors.

(2) The Administration undertakes, where possible, to notify Eskom at least 3 days prior to the commencement of roadworks in the area of a rural power line.

5. SAFETY OF ROAD USERS

Eskom undertakes during the erection of a power line as well as when the line is in operation to take all reasonable precautions at the point of intersection of such a power line and any road to ensure the safety of road users.

6. CLAIMS OF THIRD PARTIES

Eskom indemnifies the Administration against any claims for damages, including legal costs that may be instituted by any person, arising from the erection or presence of a power line or other works done by Eskom or caused by Eskom's failure to properly maintain or secure the power line or other works by whosoever: On condition that in cases where Eskom proves negligence on the part of the Administration or its officials, agents or contractors, this indemnity will not be applicable.

7. ACCESS POINTS

Eskom may put up a gate in the fence on each side of the road at the point of intersection of a power line and a road if –

- a) the gate meets the specifications approved by the Administration;
- b) the gate is put up on the route of the power line or as close as possible to it;
- c) the gate is kept locked at all times; and
- d) no person other than an Eskom employee is permitted to use the gate.

UNDERGROUND CABLES

These conditions are applicable to all underground cables.

1. Distance from centre line of road

(1) An underground cable may be laid parallel or almost parallel to a national, special or provincial primary road as long as it is laid outside the road reserve: On condition that if it is impractical to comply with this the said cable may be laid no more than 1 metre within the road reserve.

(2) An underground cable may be laid parallel or almost parallel to a provincial secondary or provincial tertiary road if the centre line of the cable is placed at a distance of at least 1 metre less than half the width of the road reserve from the centre line of the road. For the purposes of this paragraph the road reserve of a tertiary road is deemed to have secondary status.

2. Cable that crosses road must be properly sheathed

An underground cable may only cross a road if it is properly sheathed for the full length of it being in the road reserve.

3. Indication of route of cable

The route of an underground cable within the road reserve must be indicated by Eskom's standard surface markers which may not be further apart than 94.5 metres.

4. Prohibition on certain things within a road reserve

No manholes, joint boxes or telephone booths may be put up in a road reserve.

5. Depth at which cable must be laid

No underground cable must be laid at a depth of less than 1 metre under the surface of any road or less than 1 metre under the soil surface of any part of the road reserve.

6. Laying of cable and rehabilitation of surface

(1) The laying of an underground cable and the rehabilitation of the surface of the road concerned and/or road reserve must be done to the satisfaction of the Administration.

(2) If Eskom is not able to properly rehabilitate the road surface the Administration can do this at Eskom's cost.

D. GENERAL

These conditions are applicable to all transmission lines, power lines and underground cables.

1. **PRIOR NOTICE TO ADMINISTRATION A REQUIREMENT**

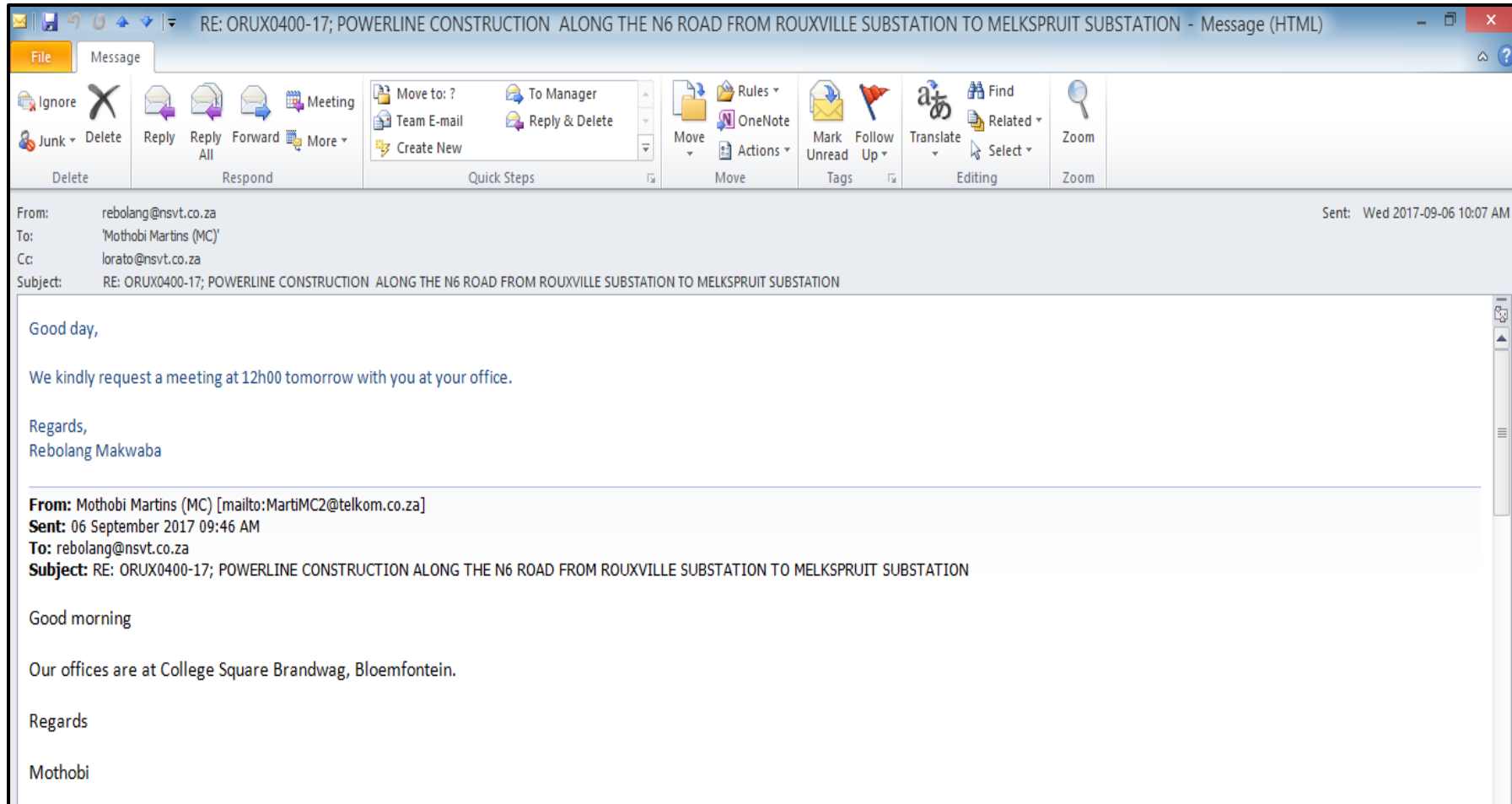
Before Eskom erects a transmission or power line or lays a cable within the distances as defined in sections 9 and 9 bis of Act 21/1940, from any road to which this Act applies, Eskom must notify the Administration of its intention and provide the information required by the Administration.

FIGURE 21: OLD AGREEMENT BETWEEN OFS PROVINCIAL ADMINISTRATION AND ESKOM

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

3.6.2.2. MEETING WITH TELKOM

Meeting was held with Mr. Mothobi Martins, a Telkom contractor, on the 7th September 2017, the proposed development was presented to him focusing on the alternative routes and comment received is shown in *Figure 22* below.



Attachment:

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT



Mvelaphande Trading

Mvelaphande Trading
P.O Box 12534
Brandhof
9324

Enquiries: Mthobi Martins
Telephone: 051 - 401 6320/ 082 737 6286

E-mail: MartiMC2@telkom.co.za

Our reference: **ORUX0400-17**

Your reference: Powerline construction

13 Sep. 2017

NSVT CONSULTANTS

FOR ATTENTION: Rebolang Makwaba

APPLICATION FOR A WAYLEAVE: ESKOM CROSS BOUNDARY POERLINE:

With reference to your letter dated 04 September 2017

About your above-mentioned application, I hereby inform you that our Client (OPENSERVE) approves the proposed work indicated on your drawings in terms Section 29 of the Electronic Communications Act 36 of 2005 as amended.

Any changes/deviations from the original planning during or prior to construction must immediately be communicated to this office.

Approval is granted, subject to the following conditions, as per attached drawings supplied, our Client (OPENSERVE)'s very important overhead infrastructure will be affected as indicated in BLACK and highlighted in BLUE. We did our utmost to ensure that we indicate our route as accurate as possible and should you discover any of our cables that are not on the sketch please stop and contact us immediately to arrange a site meeting. Please make use of pilot holes in order not to damage our infrastructure. Our Client (OPENSERVE) infrastructure must be regarded as approximate only. Consequently, the following conditions apply:

Aerial Plant - At points of crossing, the overhead power lines should cross above the communications lines in accordance with and clearances stipulated in the Occupational Health and safety Act no 85 of 1993, Machinery regulations 20 – Crossings, and Electrical Machinery Regulations 15 – Clearance of Power Lines. If the specifications could not be met, all deviation costs will be for the applicant's account. We also refer to section 25 of Electronic Communication Act 36 of 2005.

At points of crossing, the overhead power line should cross over the overhead communication lines with a minimum vertical separation of 0.8 meters.

Suitable protection as laid down in section 5 of the Code of Practice should be provided at all important crossings.

The crossing of supply lines or overhead service mains directly above or adjacent to communication poles must be avoided if possible. If not clearance of 3 meters must be provided.

In order to minimize noise induction into the telecommunication systems, the angle of crossing between the overhead power line and all communication lines, should be as near to a right angle as possible – the following deviation from the right angle being permitted at:

- Power voltage of 48 kV and higher - 30 degrees

Mvelaphande Trading: Reg no 2002-029553-23
Members: Bopape P.M., Makgajane M.G.

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

- Power voltage of lower than 48 kV - 45 degrees
.....SWER must be as near as 90 degrees as possible

Approved on condition that, should it later be found necessary to deviate the existing communication line due to existing noise interference or any other reason whatsoever, the cost of such remedial action shall be repayable.

Paragraph 2.4.1 of the Code of Practice stipulates the minimum acceptable horizontal separation between power and the communication lines and where this cannot be met, the design of the power line is also stipulated. This could apply between the attached plans and these requirements should strictly be adhered to.

Calculations have shown that an earth fault on the high voltage Power lines will induce excessive low frequency induction into the Communication lines. As a result of this, the cost to deviate / alter the communication lines to prevent this induction will be for the power provider.

Relocations of our Client (OPENSERVE) plant will be done at customer's request and will be a repayable project.

Please notify the office within 21 working days from date of this letter of acceptance and if any alternative proposal is available of if a recoverable work should commence, the liaison officer is **Mothobi Martins** at tel. no. **051 – 401 6320**.

As important cables are affected, **Mr Greg Green** must be contacted at **051 534 6093 / 081 401 1746** two weeks prior of commencement on construction work. It would be appreciated if this office can be notified **within 30 days on completion of construction work**. Confirmation is required on completion of construction as per agreed requirements.

On completion of this project please certify that all requirements as stipulated in this letter have been met. Please note that should any of our Client (OPENSERVE) infrastructure has to be relocated or altered as a result of your activities the cost for such alterations or relocations will be for your account in terms of section 25 of the Electronic Communications Act.

This approval is valid for 6 months only, after which re-application must be made if the work has not been completed.

Should our Client (OPENSERVE) infrastructure be damaged while work is undertaken, kindly call the Toll-free number **0800203951** immediately

All of our Client (OPENSERVE) rights remain reserved.

Mr Greg Green must be contacted at **051 534 6093 / 081 401 1746**, before any commencement of work.

Yours faithfully


MOTHOBI MARTINS

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

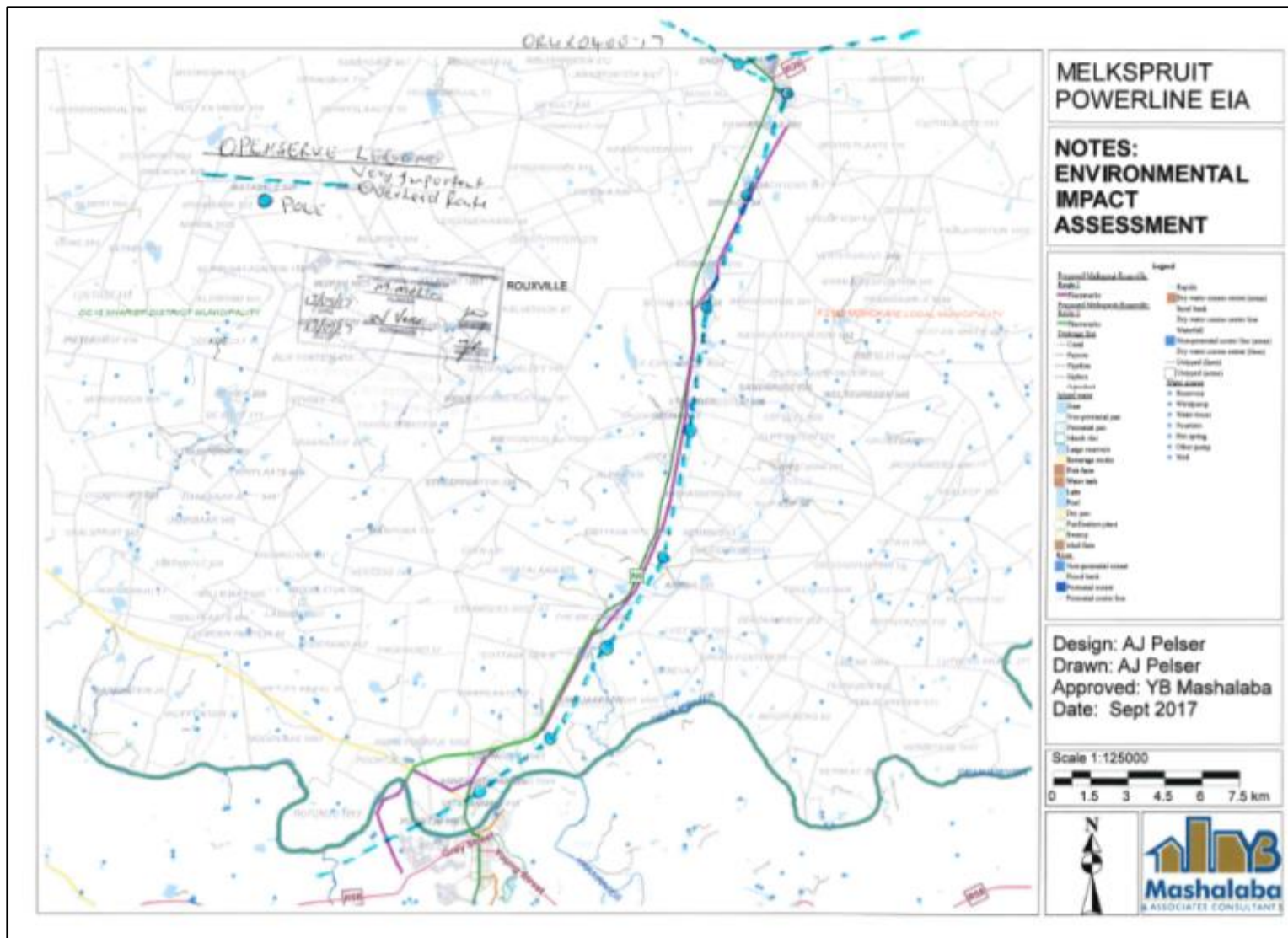


FIGURE 22: COMMENTS FROM TELKOM

3.6.3. INFORMATION SHARING SESSION

An information sharing session was arranged to ensure that the surrounding landowners and stakeholders that could be directly affected by the proposed development had an opportunity to provide input with regard to the proposed development to ensure a suitable route is selected for the powerline. However, only the farmers were able to attend the session.

To confirm our database of directly affected landowners, Rouxville Farmer's Union was contacted and with the assistance of the General Secretary, Mr. Lottering and information sharing session was arranged for the 30th of August 2017; see *Figure 23* for the correspondence between NSVT Consultants and Mr. Lottering.

Communication between NSVT and Mr. Lottering regarding the information sharing session is shown in *Figure 23* below.

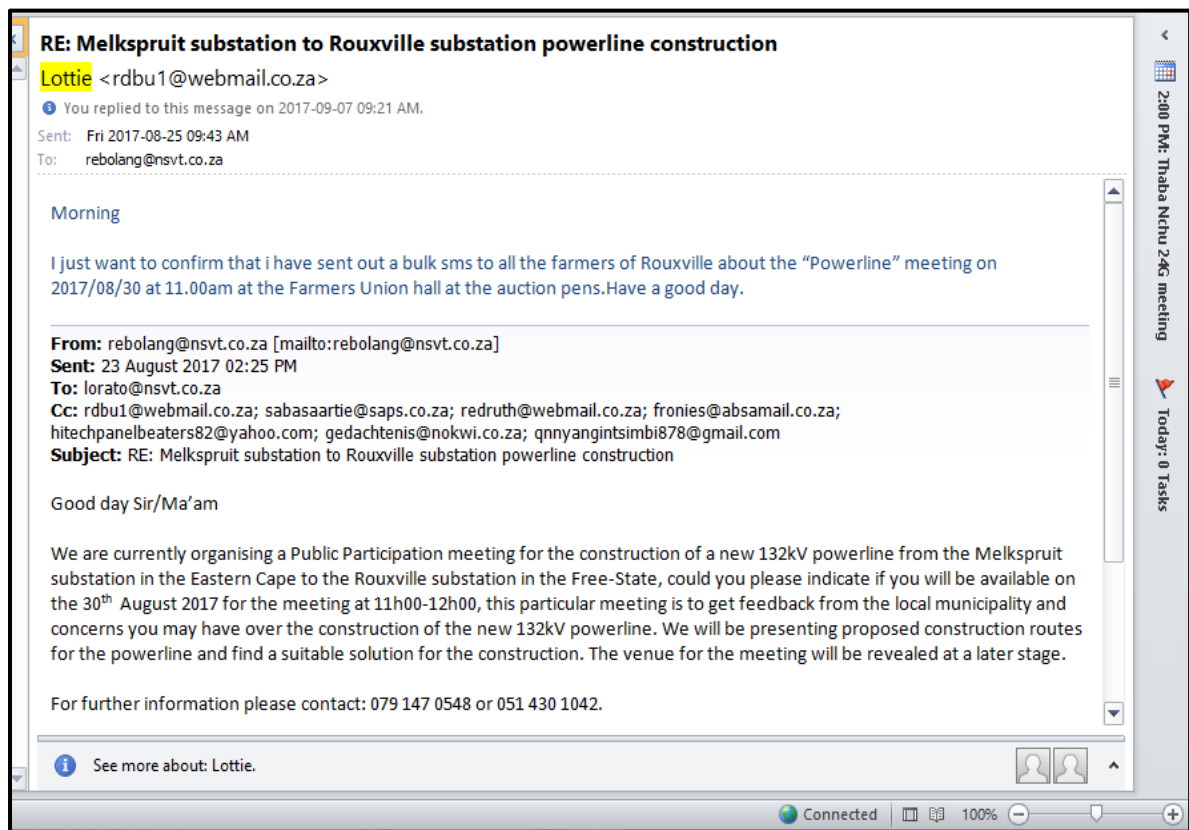


FIGURE 23: CORRESPONDENCE WITH MR. LOTTERING

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Consultation was held on the 30th August 2017 at the Farmers' Union Hall in Rouxville as shown in Photo 9 below.



PHOTO 9: INFORMATION SHARING SESSION HELD WITH LAND OWNERS

Mr. Lottering sent a bulk sms to the members and in addition to SMS sent, the farmers on I&APs database were contacted directly.

The attendance register for the meeting is shown in *Figure 24* below.

<p align="center">ALIWAL NORTH TO ROUXVILLE POWER-LINE</p> <p align="center">CONSULTANTS NSVT ENVIRONMENTAL & SOCIAL SCIENTISTS</p> <p align="center">ATTENDANCE REGISTER</p> <p align="center">FOR</p> <p align="center">MEETING HELD ON THE 30TH AUGUST 2017</p> <p align="center">FARMERS ASSOCIATION MEETING</p>				
Name	Organisation/ Company/ Department	Tel. & Fax No.	E-mail	Signature
Heini Mocke	Eskom	051 4042496 073 4799765	mockeh@eskom.co.za	<i>Mocke</i>
J.A.K. Strydom	Beerdery	0836574001	strydomjah@telkomsa.net	<i>J.A.K. Strydom</i>
T. Eggelhoff	Jaumier	0924144033		<i>T. Eggelhoff</i>
Mr. Lotreit	Farmers Union	0845493411	lotreit@webmail.co.za	<i>Mr. Lotreit</i>
Mathew Kess	Envikess CC	0822935752	mathew@enviross.co.za	<i>Mathew Kess</i>
Eric Mpyqisimbi	Wangancela Farm	0820667146	ganyoqisimbi@9@gmail.com	<i>Eric Mpyqisimbi</i>
Thabelo Mugwedl	Eskom	0137051566	mugwedl@eskom.co.za	<i>Thabelo Mugwedl</i>
Joh. Schreiberdsch	STORMVOCIE	0829296940	STORMVOCIE@gmail.com	<i>Joh. Schreiberdsch</i>
J.N. Sealebusch	"	082 731 2522	"	<i>J.N. Sealebusch</i>
Rehobang Mahwaba	NSVT	079 167 0549	rehobang@nsvt.co.za	<i>Rehobang Mahwaba</i>

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

ALIWAL NORTH TO ROUXVILLE POWER-LINE

NSVT
CONSULTANTS
ENVIRONMENTAL & SOCIAL SCIENTISTS

ATTENDANCE REGISTER

FOR

MEETING HELD ON THE 30TH AUGUST 2017
FARMERS ASSOCIATION MEETING

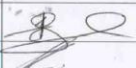

Name	Organisation/ Company/ Department	Tel. & Fax No.	E-mail	Signature
Maki Ranthimo	NSVT Associate	0717088926 0328161141/04657756	makzine@lud.com	
Lorato Tjeredi	NSVT Consultants	082 784 8259 086 237 9133	lorato@nsvt.co.za	

FIGURE 24: ATTENDANCE REGISTER FOR INFORMATION BRIEFING SESSION

3.6.4. ONE-ON-ONE CONSULTATION WITH LANDOWNERS

The one-on-one consultation with the landowners was the outcome of the meeting that was held with the Rouxville Farmers' Union on the 30th of August 2017. Thereafter, the General Secretary, Mr. Lottering arranged the meetings with the directly affected landowners and the schedule for the meetings is shown in *Figure 25* below.

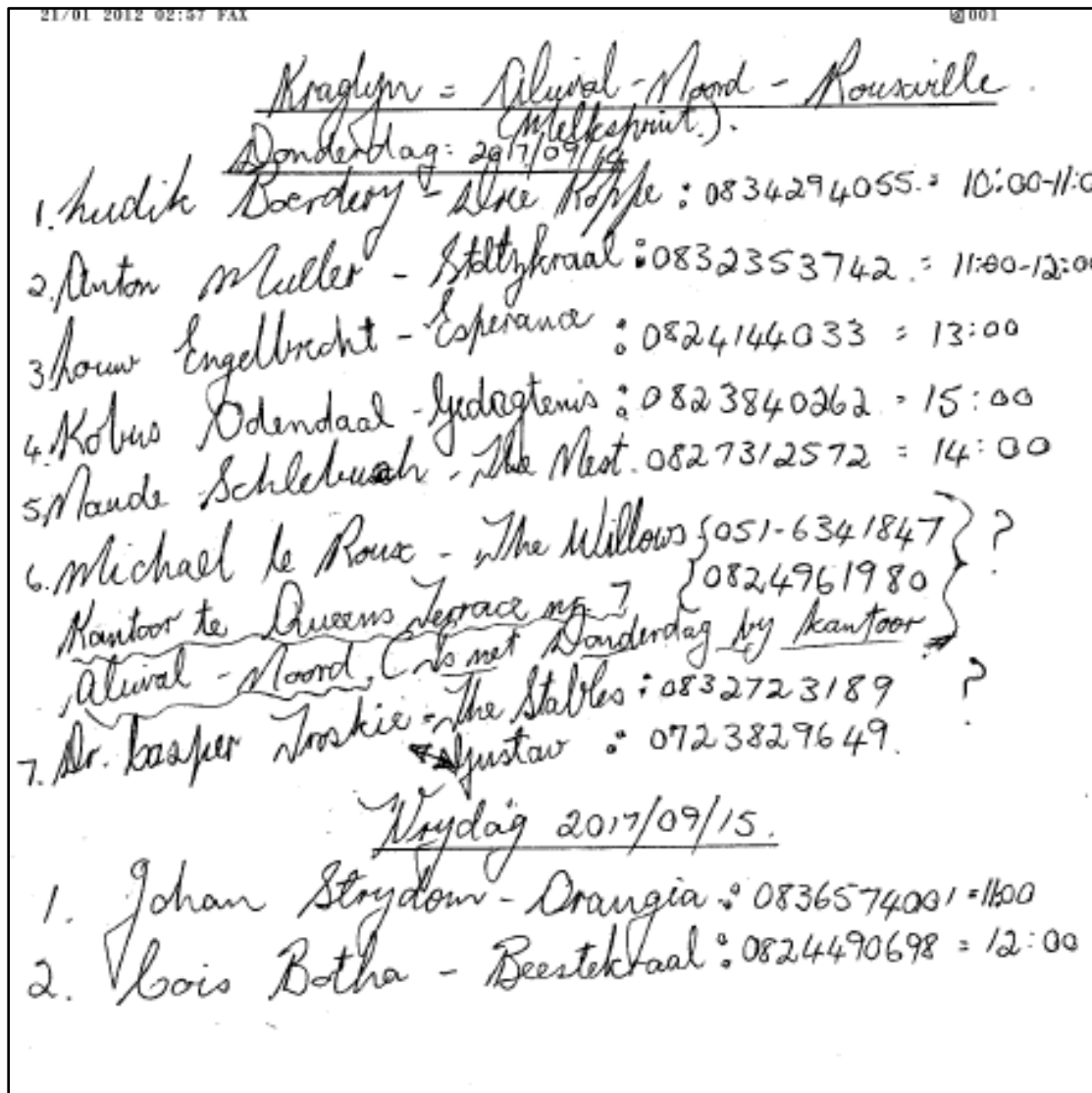


FIGURE 25: SCHEDULE FOR ONE-ON-ONE MEETINGS

3.7. REVIEW OF THE DRAFT BASIC ASSESSMENT REPORT

The draft basic assessment report was sent to the identified I&APs for further commenting regarding the proposed development and proof of submissions are shown in *Figure 26 to 27* below.

DELIVERY			AFLEWERINGSBOEK	
Date Datum	Time Tyd	Addressed to Geadresseer aan	Remarks Opmerkings	Received by Ontvang deur
13/09/2017				
07/11/2017	15:30	NPZ Mbatia	one hard copy	
07/11/2017	15:43	T.A. Letsoeng	one hard copy	
07/11/2017	16:00	Gerato Moolosi	one hard copy	
15/11/2017	15:00	Selamanda Bergister	Draft BAR, one hard copy	
15/11/2017	15:20	P. Lersthal: DWS	Draft BAR, one hard copy	
15/11/2017	15:40	Willie Naude	Draft BAR, one hard copy	
15/11/2017	15:46	Mr T Nduma	Draft BAR, one hard copy	
15/11/2017	15:57	Ms Grace	Draft BAR, hard copy	
14/11/2017	14:48	NPZ Mbatia		

FIGURE 26: PROOF OF HAND DELIVERED SUBMISSIONS OF THE DRAFT BAR TO I&APs ON 15TH NOVEMBER 2017

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

A Division of DPD Laser Express Logistics (PTY) Ltd
87 PRESIDENT REITZ AVE
WESTDENE
BLOEMFONTEIN
9301



NSVT CONSULTANTS
PO BOX 42452

HEUWELSIG
9332

VAT No: 4710210065

COMPUTER GENERATED COPY

TAX INVOICE

PAGE NO.	1
INVOICE NO.	JNB 1133041
ACCOUNT NO.	BFN643
DATE	20171125

Tel No: (011)961 4700
Registration Number: 2006/033353/07
VAT Number: 4690235280
Fuel Surcharge: 2.74 (33.45%)

Cost Centre: BFN643

WAYBILL	DATE	REF NO.	SENDER	RECIPIENT	ORIG	DEST	SERV	QTY	CHARGE MASS	FREIGHT CHARGE	INSUR	OTHER	SUBTOTAL	VAT	TOTAL
1281207491	20171107	000633	NSVT	TUMELO	BFNC	BFNR	ONX	1	1.00	124.74	0.00	48.13	172.87	24.20	197.07
1281207502	20171109	001150	NSVT	DEPT ENVORO AFFAIRS	BFNC	PRYC	ONX	1	2.00	68.31	0.00	30.15	98.46	13.78	112.24
1281207513	20171116	001724	NSVT	MOHOKARE	BFNC	BFNR	ONX	1	1.00	124.74	0.00	47.23	171.97	24.08	196.05
1281207384	20171116	001271	NSVT	SANRAL	BFNC	DBNR	ONX	1	1.00	124.74	0.00	48.13	172.87	24.20	197.07
1281207406	20171116	001725	NSVT	WALTER SISULU	BFNC	BFNR	ONX	1	2.00	124.74	0.00	47.23	171.97	24.08	196.05
1281207395	20171116	001726	NSVT	LIBRARY	BFNC	BFNR	ONX	1	2.00	124.74	0.00	47.23	171.97	24.08	196.05
1281207373	20171116	001727	NSVT	LIBRARY	BFNC	BFNR	ONX	1	2.00	124.74	0.00	47.23	171.97	24.08	196.05
1281207454	20171116	001728	NSVT	DEDEA	BFNC	BFNR	ONX	1	2.00	124.74	0.00	47.23	171.97	24.08	196.05
1281207476	20171116	001250	NSVT	ECPHRA	BFNC	ELSR	ONX	1	1.00	124.74	0.00	48.13	172.87	24.20	197.07
1281207480	20171116	001396	NSVT	ENVIROMENTAL	BFNC	PRYC	ONX	1	1.00	68.31	0.00	29.25	97.56	13.66	111.22
1281207465	20171116	001397	NSVT	ENVIROMNTAL	BFNC	PRYC	ONX	1	1.00	68.31	0.00	29.25	97.56	13.66	111.22
1281207443	20171124	002423	NSVT	DEPT OF	BFNC	PRYC	ONX	1	1.00	68.31	0.00	29.25	97.56	13.66	111.22

FIGURE 27: COURIER DELIVERED DRAFT BAR TO I&APs

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS PUBLIC PARTICIPATION REPORT

Comments were received from the SAHRA, DEA (Biodiversity and Environmental Management), Transnet Freight Rail, Department of Police, Roads and Transport, Department of Economic Development, Environmental Affairs & Tourism, Free State Department Roads, Police and Transport, Department of Economic, Small Business Development, Tourism and Environmental Affairs, Department of Water and Sanitation and the responses thereto. The records are shown in *Figure 28* to 42 below and all the comments and responses are included in the Comments and Responses Report, which is Appendix 6B of the FBAR.

Comments from SAHRA are shown in *Figure 28* below.

132 kV Powerline from Melkspruit Substation to Rouxville Substation

Our Ref: 11943



an agency of the
Department of Arts and Culture

T: +27 (0) 462 4502 | F: +27 (0) 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Ragna Redelstorf
Tel: +27 (0)21 202 8651
Email: redelstorf@sahra.org.za
CaseID: 11943

Date: Monday November 27, 2017
Page No: 1

Final Comment

In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Eskom - FSOU

Proposed 132 kV powerline from Melkspruit Substation, in Allwal North, Walter Sisulu Local Municipality, Free State to Rouxville Substation in Rouxville, Mhokare Local Municipality, Free State Province.

The proposed project entails the development of a 132kV powerline from Melkspruit Substation in Allwal North, Eastern Cape Province, to Rouxville Substation, Free State Province, as a replacement of the existing 66kV line. A draft BAR and draft EMPR, HIA and PIA were submitted with the application.

It must be noted that SAHRA will only comment on the Free State section of the proposed development. Separate comments for the Eastern Cape section have to be requested from ECPHRA.

Rossouw, L. 2017. Phase 1 Heritage Impact Assessment of a proposed new Eskom 132kV power line between the Rouxville substation in the Free State Province and the Melkspruit substation in Allwal North, Eastern Cape Province.

The author found no evidence of intact Stone Age localities or artifacts, prehistoric structures or remains, rock art, graves, graveyards or historically significant structures older than 60 years within or in the immediate vicinity of the linear footprint. Several historical ruins, one small graveyard and two Voortrekker Centenary memorials recorded during the survey will not be impacted by the proposed development. The area is degraded by previous or current farming activities. Both routes are regarded as of low archaeological significance and are assigned a rating of Generally Protected.


Butler, E. 2017. Palaeontological Impact Assessment of the Proposed Eskom 132kV Powerline from Melkspruit Substation in Allwal North within Walter Sisulu Local Municipality in Eastern Cape Province to Rouxville Substation within Mhokare Local Municipality in the Free State Province.

The proposed area is underlain by sediments of the Middle Triassic Katberg and Burgersdorp Formations (Tarkastad Subgroup, Beaufort Group, Karoo Supergroup), well known for their abundance of fossils (*Lystrosaurus* and *Cynognathus* Assemblage Zone), unfossiliferous Karoo dolerite as well as Late Cenozoic superficial deposits. A Chance Finds Procedure was included. A medium palaeontological sensitivity is

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

132 kV Powerline from Melkspruit Substation to Rouxville Substation

Our Ref: 11943



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4503 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Ragna Redelstorff
Tel: +27 (0)21 202 8651
Email: redelstorff@sahra.org.za
CaseID: 11943

Date: Monday November 27, 2017
Page No: 2

allocated to the development footprint as a few isolated loose and poorly preserved fossil fragments were observed.

Recommendations:

No further palaeontological heritage studies are required.

Should fossil remains be discovered during any phase of construction, either on the surface or exposed by fresh excavations, the ECO responsible for these developments should be alerted immediately. Such discoveries ought to be protected (preferably *in situ*) and the ECO should alert SAHRA so that appropriate mitigation (e.g. recording, sampling or collection) can be taken by a professional paleontologist.

Final comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objection against the proposed development. The following conditions must be adhered to and must be incorporated into the Environmental Management Programme (EMPr) for implementation:

1. Should any objects of archaeological or palaeontological remains be found during construction activities, work must immediately stop in that area and the Environmental Control Officer (ECO) must be informed.
2. The ECO must inform the South African Heritage Resources Agency (SAHRA) and contact an archaeologist and/or palaeontologist, depending on the nature of the find, to assess the importance and rescue them if necessary (with the relevant SAHRA permit). No work may be resumed in this area without the permission from the ECO and SAHRA.
3. If the newly discovered heritage resource is considered significant a Phase 2 assessment may be required. A permit from the responsible heritage authority will be needed.
4. The Chance Finds Procedures must be implemented ensure that standard protocols and steps are followed should any heritage and/or fossil resources be uncovered during all phases of the project. These procedures should outline the steps and reporting structure to be followed in the instance that heritage resources are found. This must be included in the Environmental Awareness Plan.

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

132 kV Powerline from Melkspruit Substation to Rouxville Substation

Our Ref: 11943



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Recommendations:

No further palaeontological heritage studies are required.

Should fossil remains be discovered during any phase of construction, either on the surface or exposed by fresh excavations, the ECO responsible for these developments should be alerted immediately. Such discoveries ought to be protected (preferably *in situ*) and the ECO should alert SAHRA so that appropriate mitigation (e.g. recording, sampling or collection) can be taken by a professional paleontologist.

Final comment

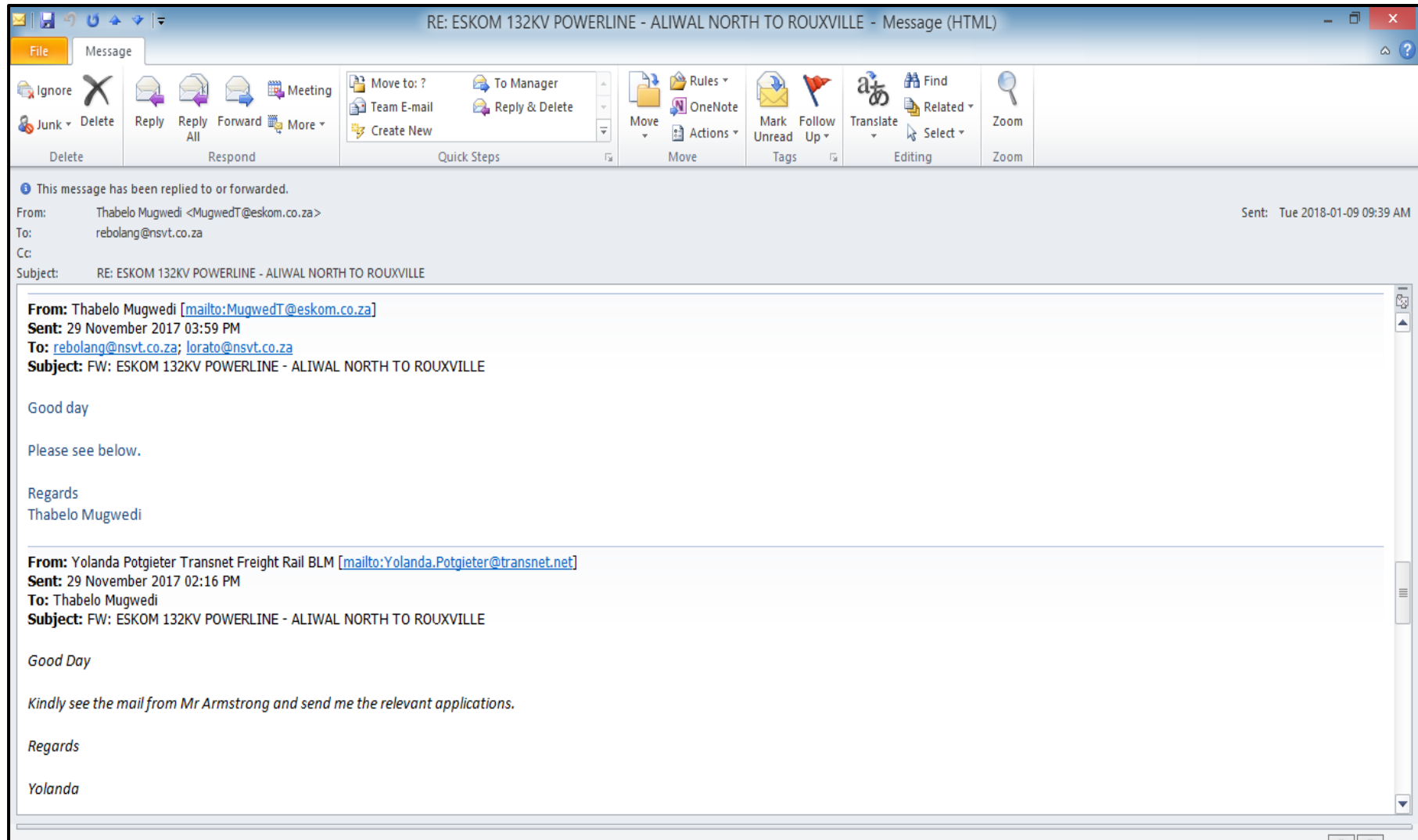
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1. Should any objects of archaeological or palaeontological remains be found during construction activities, work must immediately stop in that area and the Environmental Control Officer (ECO) must be informed.
2. The ECO must inform the South African Heritage Resources Agency (SAHRA) and contact an archaeologist and/or palaeontologist, depending on the nature of the find, to assess the importance and rescue them if necessary (with the relevant SAHRA permit). No work may be resumed in this area without the permission from the ECO and SAHRA.
3. If the newly discovered heritage resource is considered significant a Phase 2 assessment may be required. A permit from the responsible heritage authority will be needed.
4. The Chance Finds Procedures must be implemented ensure that standard protocols and steps are followed should any heritage and/or fossil resources be uncovered during all phases of the project. These procedures should outline the steps and reporting structure to be followed in the instance that heritage resources are found. This must be included in the Environmental Awareness Plan.

FIGURE 28: COMMENTS FROM SAHRA

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

Comments received from Transnet Freight Rail BLM are shown in *Figure 29* below.



**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

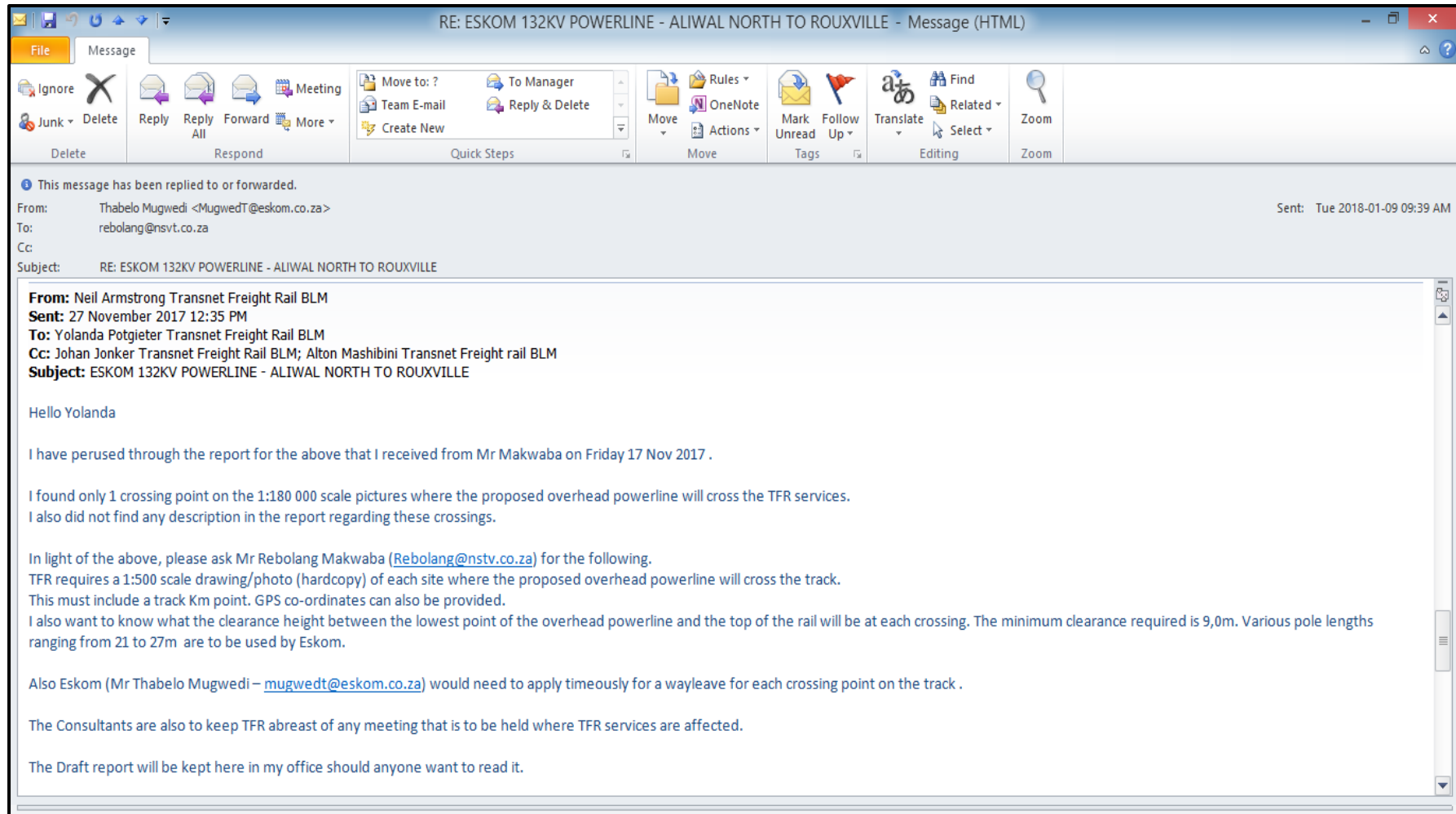


FIGURE 29: COMMENTS FROM TRANSNET FREIGHT RAIL BLM

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Response to the comments raised by Transnet are shown if *Figure 30-33*. below.

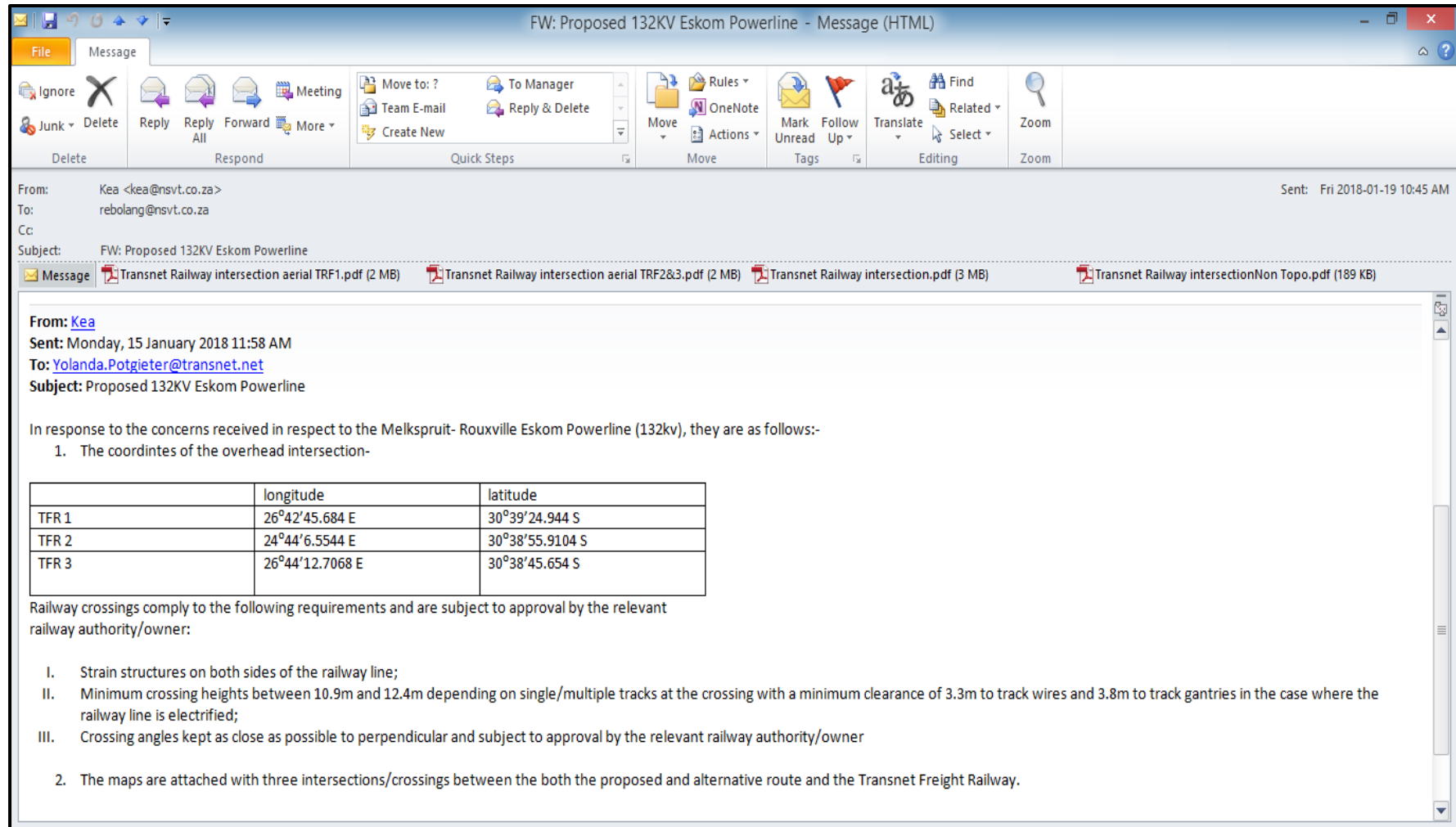


FIGURE 30: RESPONSE TO THE COMMENTS FROM TRANSNET

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

ATTACHMENT:

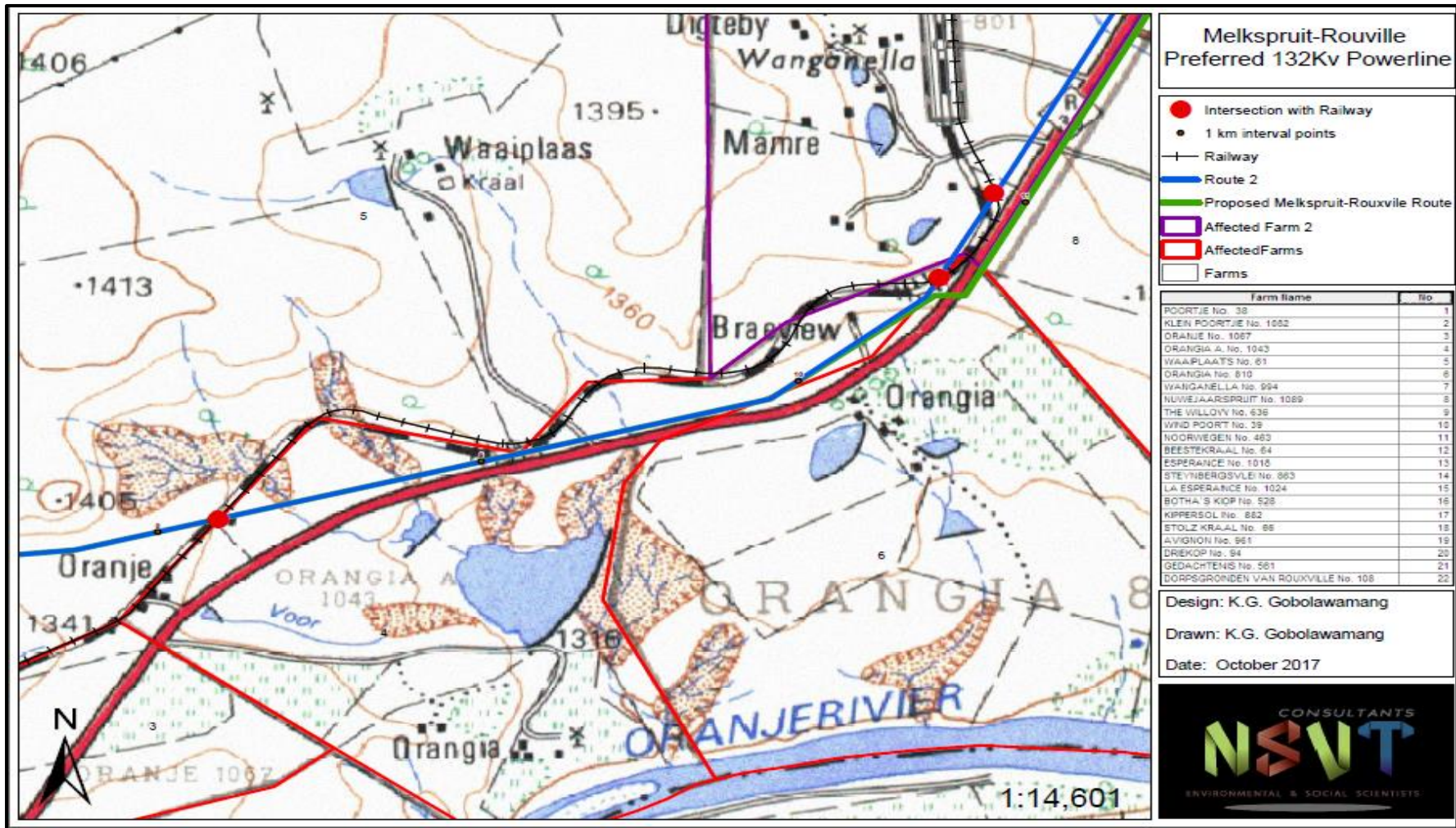


FIGURE 31: TRANSNET POWER-LINE INTERSECTION

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

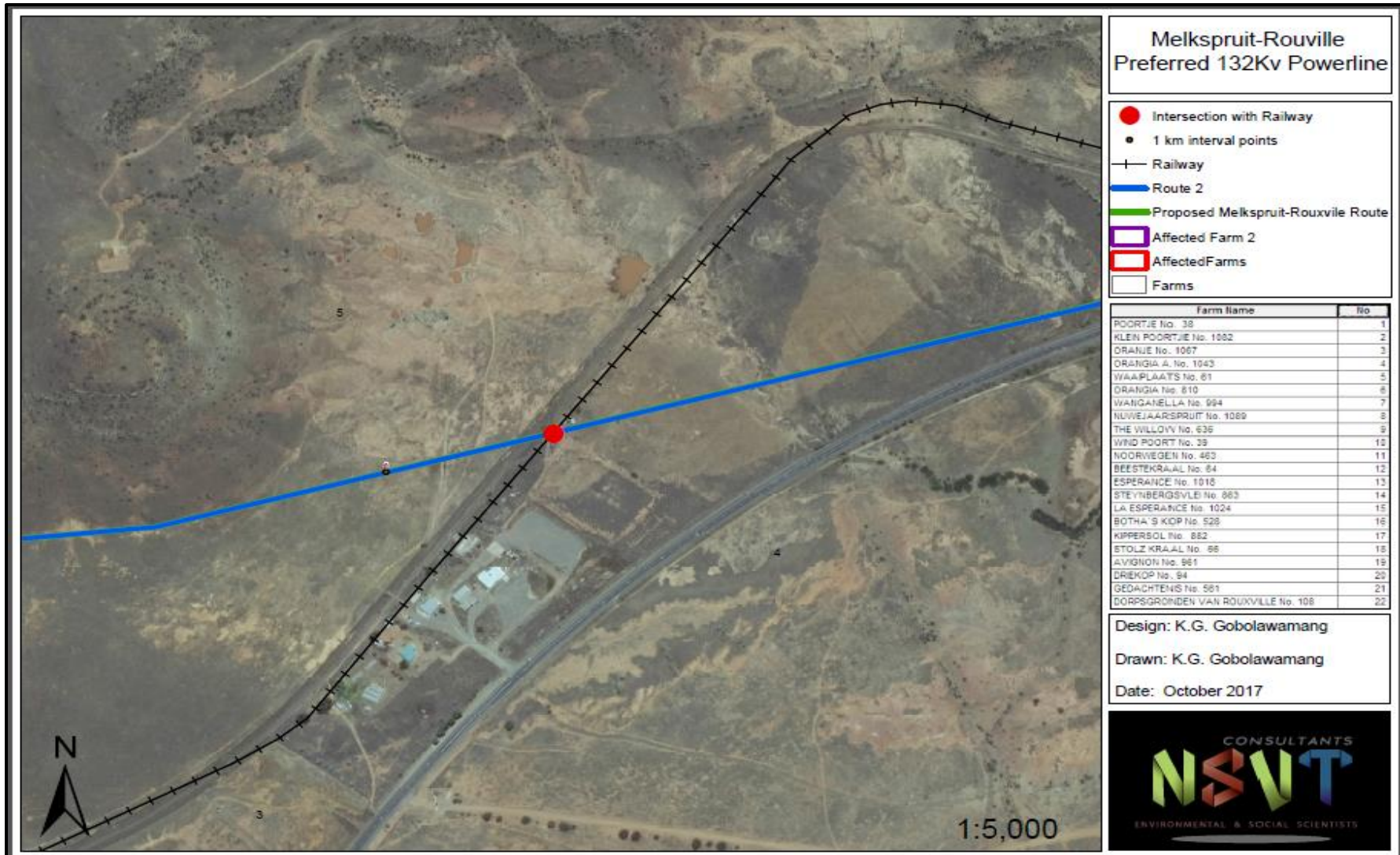


FIGURE 32: RESPONSE TO THE COMMENTS FROM TRANSNET-INTERSECTION 1

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

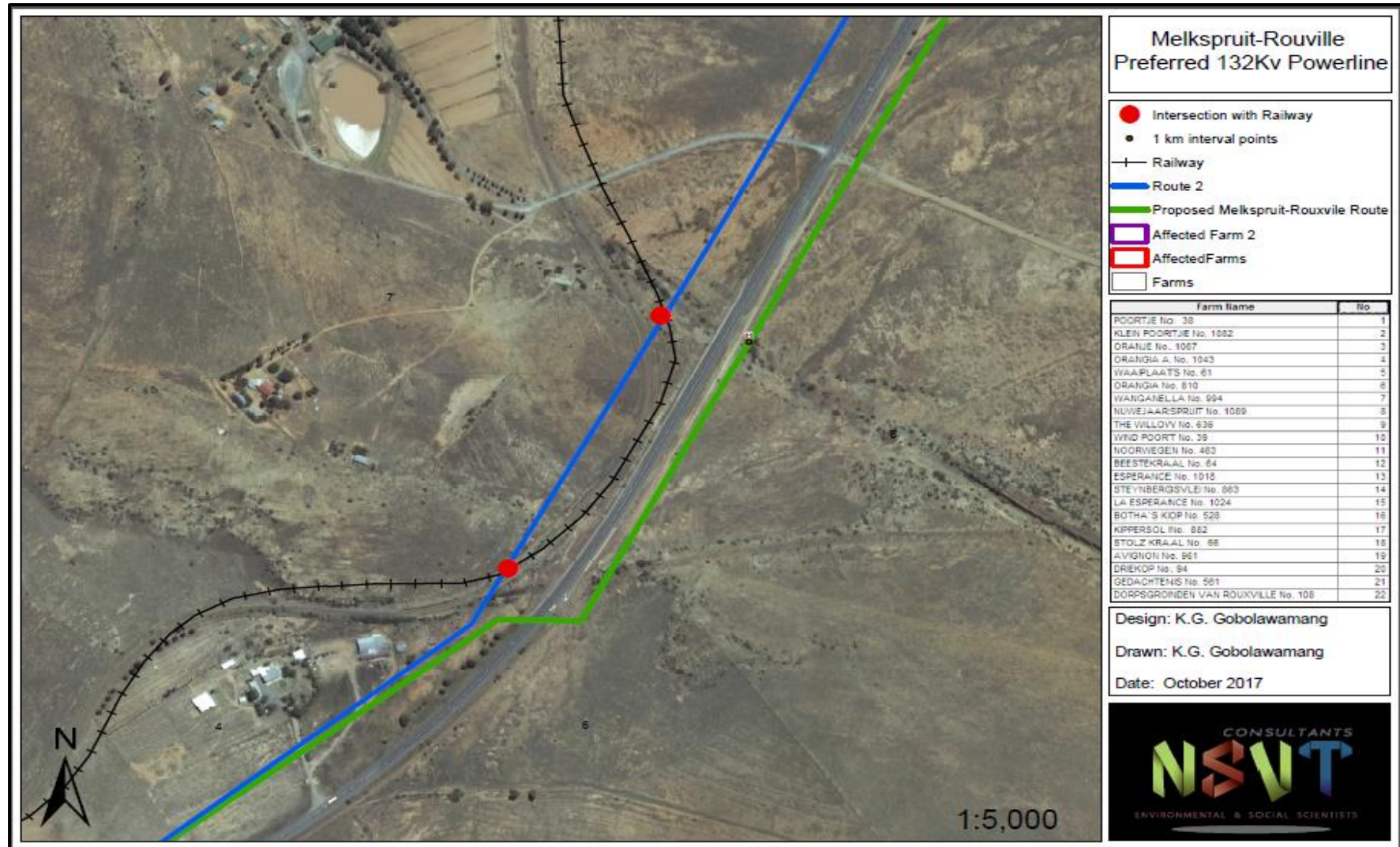



FIGURE 33: RESPONSE TO THE COMMENTS FROM TRANSNET-INTERSECTION 2&3

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Comments received from DEA-Biodiversity Conservation are shown in *Figure 34* below.



environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 - PRETORIA - 0001 Environment House - 473 Steve Biko Road, Arcadia, - PRETORIA
Tel (+ 27 12) 990 9372

DEA Reference: 14/12/16/3/1/1847
Enquiries: Ms Portia Mekile
Telephone: (012) 399 9411 E-mail: pmekila@environment.gov.za

Lorato Tigedi
NSVT Consultants
PO Box 42452
HEUWELSIG
9332

Telephone Number: 051 430 1041/2
Email Address: info@nsvt.co.za

PER E-MAIL / MAIL

Dear Sir/Madam

**COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR PROPOSED THE DEVELOPMENT OF
A 132KV POWERLINE FROM MELKSPRUIT SUBSTATION, EASTERN CAPE PROVINCE TO ROUXVILLE
SUBSTATION, FREE STATE PROVINCE**

The draft Basic Assessment Report (BAR) dated November 2017 and received by this Department on 23 November 2017 refers.

This letter serves to inform you that the following information must be included in the final BAR.

After the evaluation of DBAR and the specialist reports submitted for the proposed development, it is recommended that the following be considered during the Final Basic Assessment Report (FBAR):

- The Environmental Management Programme (EMPr) to be submitted as part of the final BAR must clearly indicate the biodiversity impacts that might occur as a result of the proposed project and the proposed mitigation measures thereof. The EMPr must not contain any ambiguity. Where applicable, statements containing the word "should" are to be amended to "must";
- Water Use License must be obtained from the relevant authority "Department of Water & Sanitation" (DWS) for construction activities within the extent of a watercourse or within 500m of a wetland and drainage areas;
- You are further advised to consider or make reference to any Provincial Biodiversity Conservation Plan or guideline in your report and to obtain comments from conservation agencies.

Please ensure that the Final BAR includes at least one A3 regional map of the area, ecological sensitivity map and the locality map included in the final BAR illustrate the different alternatives. The maps must be of acceptable quality and as a minimum, have the following attributes:

- Maps are relatable to one another;
- Cardinal points;
- Co-ordinates;
- Legible legends;
- Indicate alternatives;

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

- Latest land cover;
- Vegetation types of the study area.

Based on the information provided in the DBAR and the attached specialist reports, no fatally flawed or high impact features were identified due to the generally-low impacts associated with the land use throughout the area.

You are requested to submit one (1) unprotected electronic copy (CD/DVD) of the complete final report which include the locality and ecological sensitivity map to this Directorate with attention to Mr Stanley Tshitwamulomoni.

Yours faithfully

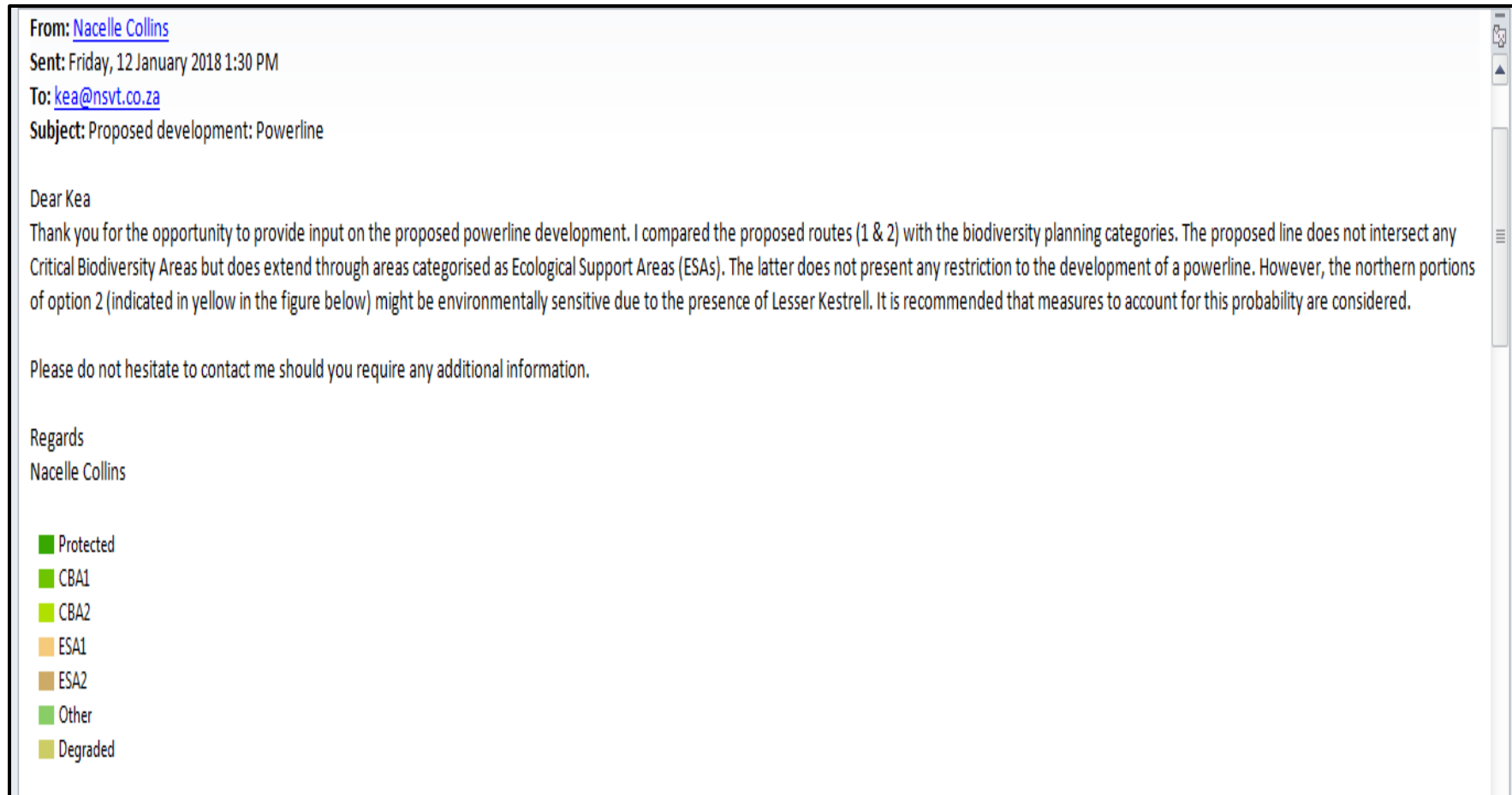


Ms Wilma Lutsch
Director: Biodiversity Conservation
Department of Environmental Affairs
Letter Signed by: Mr Stanley Tshitwamulomoni
Designation: Control Biodiversity Office Grade B
Date: 05-12-2017

FIGURE 34 COMMENTS FROM DEA (Biodiversity Conservation)

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Comments on review of the draft BAR from DESTEA-Biodiversity is shown in *Figure 35* below.



ATTACHMENT:

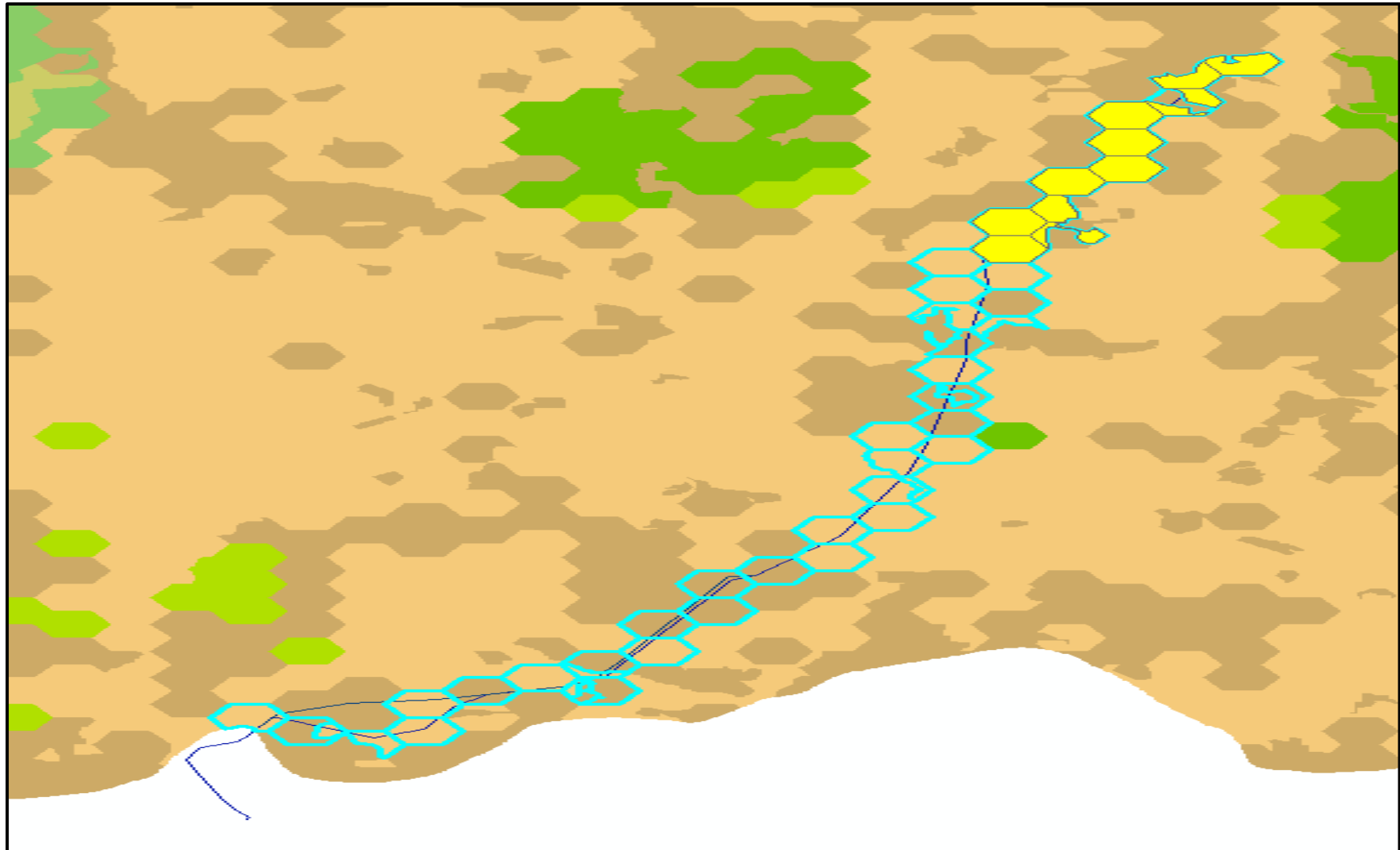



FIGURE 35 COMMENT FROM DESTEA BIODIVERSITY

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT

Response from the avi-fauna specialists to the comments raised by DESTEA-Biodiversity is shown in *Figure 36* below.



EnviRoss Environmental Impact Assessment Studies CC
CK 2007/051532/23
VAT nr: 4810234000
PO Box 380, Wendywood, 2144.
Cell: 082 293 5752
e-mail: admin@enviross.co.za

For attention: Mr Nacelle Collins

17 Jan 2018

Free State Department of Economic, Small Business Development, Tourism and Environmental Affairs (FS DESTEA)
Tel: 051 4004775
Cell: 082 4499012
E-mail: collinsn@delea.fs.gov.za

Dear Sir,

Re: Comments on the interactions of Falco naumanni (Lesser kestrel) and the proposed development of the Melkspruit-Rouxville 88 kV overhead powerline running between Rouxville (FS) and Aliwal North (EC).

EnviRoss CC was appointed by NSVT Consultants to undertake the ecological surveys for the abovementioned project, which included the surface water ecosystems, terrestrial fauna and flora, and included an avifaunal impact survey. This letter serves to address comments that were received from FS DESTEA regarding the potential impacts to Lesser Kestrel (*Falco naumanni*) emanating from the proposed powerline alignment. It is confirmed that recent observations of this species have indeed been noted during the ADU Birding Atlas Project (2). This species is known as a non-breeding migrant to the region, with occurrences being between November and April. Previously regarded as conservationally vulnerable, it has since been downgraded to Least concern (but still merits monitoring) in the latest Eskom Red Data Book of Birds (2015). It is also regarded as globally least concern (IUCN Redlist). It is a gregarious roosting species, with colonies roosting in large trees, often in urban and peri-urban environments, where they also exploit taller buildings that resemble rock faces. Threats to ongoing conservation include largescale poisoning of insects (bulk of the food source) within the agricultural sector, felling of roosting tree stands, which are often larger alien species such as Eucalyptus. Other threats include collisions with vehicles and hailstorms (lesser extent).

Interactions with overhead powerlines may be positive for this species, which would exploit the perching opportunities offered by the lines and towers in otherwise treeless landscapes. Collisions with powerlines are relatively rare due to the highly manoeuvrable flying ability of the species. Electrocutation fatalities are also very rare due to the relatively small body size and small wingspan that is too small to bridge between phase conductors and/or earth wires. The potential impact to this species is further reduced due to the existing occurrence of overhead lines within the area, which runs along a similar alignment to the proposed alignment of the new line.

The proposed powerline may require the removal of some larger Eucalyptus trees that would pose physical and fire risk threats to the overhead line. This could potentially remove some roosting habitat for this species. Habitat destruction associated with the construction of the towers and spanning the overhead line would reduce the occurrence of insects and other prey sources for this species. This is regarded as a temporary occurrence and will only impact for the duration of the

1

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
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construction phase. The overall threat emanating from the construction of the overhead powerline on the ongoing conservation of the Lesser kestrel is therefore regarded as being minimal.

I trust that this adequately addresses the query that was raised regarding the potential impacts to the ongoing conservation of the Lesser kestrel. Please feel free to contact me if any further clarification is required.

Yours faithfully,




Dr Mathew Ross (Pr ScI Nat – Zoological Sciences)
Environmental Specialist
Env/Ross CC

FIGURE 36 RESPONSE TO DESTEA (Biodiversity) FROM ENVIROSS

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Comments received from DEA-Integrated Environmental Authorisation are shown as Figure 37 below.



environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447- PRETORIA · 0001- Environment House · 473 Steve Biko Road · Arcadia · PRETORIA
Tel (+ 27 12) 399 9372

DEA Reference: 14/12/16/30/1/1847
Enquiries: Mmamohale Kabasa
Telephone: (012) 399 9420 E-mail: MKabasa@environment.gov.za

Ms Lorato Tigedi
NSVT Consultants
PO Box 42452
HEUWELSIG
9332

Telephone Number: (051) 430 1041
Email Address: lorato@nsvt.co.za

PER E-MAIL / MAIL

Dear Ms Tigedi

COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED 132kV OVERHEAD POWERLINE FROM THE MELKSPRUIT SUBSTATION TO THE ROUXVILLE SUBSTATION WITHIN THE WALTER SISULU AND MOHOKALE LOCAL MUNICIPALITIES WITHIN THE EASTERN CAPE AND THE FREE STATE PROVINCES

The draft Basic Assessment Report (BAR) received by this Department on 10 November 2017 refers.

This Department has the following comments on the abovementioned application:

- i. Please ensure that all relevant listed activities are applied for, are specific and that it can be linked to the development activity or infrastructure as described in the project description.
- ii. If the activities applied for in the application form differ from those mentioned in the final BAR, an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link <https://www.environment.gov.za/documents/forms>.
- iii. An amended application form with a signed land owner's consent form must be submitted to this Department.
- iv. Please ensure that all issues raised and comments received during the circulation of the draft BAR from registered I&APs and organs of state which have jurisdiction (including this Department's Biodiversity Section) in respect of the proposed activity are adequately addressed in the final BAR. Proof of correspondence with the various stakeholders must be included in the final BAR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments. The Public Participation Process must be conducted in terms of Regulation 39, 40, 41, 42, 43 & 44 of the EIA Regulations 2014, as amended.
- v. Please provide a description of any identified alternatives for the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity as per Appendix 1 (2) (e) and 3 (1) (h) (i) of GN R.982 of 2014 as amended. Alternatively, you should submit written proof of an investigation and motivation if no reasonable or feasible alternatives exist in terms of Appendix 1.
- vi. In accordance with Appendix 1 (3) (1) (a) of the EIA Regulations 2014, as amended, the details of—
(i) the EAP who prepared the report; and

- (i) *the expertise of the EAP to carry out Scoping and Environmental Impact assessment procedures; must be submitted.*
- vi. The final BAR must also indicate that this draft BAR has been subjected to a public participation process. The final BAR must clearly indicate the name of the newspaper in which the draft BAR has been advertised.
- vii. A comments and response trail report (C&R) must be submitted with the final BAR. The C&R report must be a separate document from the main report and the format must be in the table format as indicated in Annexure 1 of this comments letter.
- ix. You are further reminded that the final BAR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of Basic Assessment reports in accordance with Appendix 1 and Regulation 19(1) of the EIA Regulations, 2014, as amended.
- x. Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons and where necessary, include further expertise advice.
- xi. The following specialist studies will be included in the final BAR:
- Aquatic, wetlands, fauna and flora: Enviross CC (Dr Mathew Ross);
 - Floodline Study: NMJ van Rensburg Consulting Engineers;
 - Palaeontology: Banzai Environmental (Elize Butler);
 - Visual impact assessment: Nuleaf Planning and Environmental; and
 - Heritage Impact Assessment: National Museum Bloemfontein (Dr Lloyd Rossouw).
- xii. The applicant is advised to appoint a suitably qualified avifaunal specialist to conduct an avifaunal assessment of the preferred corridor. The terms of reference must include the following:
- Description of the affected environment from an avifaunal perspective;
 - Provide a description of the current state of avifauna in the study area, outlining important characteristics which may be influenced by the powerline or which may influence the powerline during construction and operation;
 - Provide a list of bird species and priority bird species/Red Data species likely to occur within the study area, with information on the relative value (in terms of breeding, nesting, roosting and foraging) of the site for these birds;
 - Discuss gaps in baseline data and other limitations;
 - The identification of potential impacts (positive or negative, including cumulative impacts if relevant) of the proposed development on avifauna during construction and operation. Particular attention should be paid to bird collisions and preventative measures.
 - A delineation of areas that are potentially highly sensitive, no-go areas that may need to be avoided by the development; and
 - The identification of mitigation measures for enhancing benefits and avoiding or mitigating negative impacts and risks.
- xiii. Where specialist studies are conducted in-house or by a specialist other than a suitably qualified specialist in the relevant field, such specialist reports must be peer reviewed by a suitably qualified external specialist in the relevant field. The terms of reference for the peer review must include:
- A CV clearly showing expertise of the peer reviewer;
 - Acceptability of the terms of reference;
 - Is the methodology clearly explained and acceptable;
 - Evaluate the validity of the findings (review data evidence);
 - Discuss the suitability of the mitigation measures and recommendations;
 - Identify any short comings and mitigation measures to address the short comings;
 - Evaluate the appropriateness of the reference literature;
 - Indicate whether a site-inspection was carried out as part of the peer review; and
 - Indicate whether the article is well-written and easy to understand.
- xiv. The final BAR must provide the technical details of the proposed powerline in a table format as well as their description and/or dimensions, as attached to this letter.

- xv. The final BAR must provide the four corner coordinate points for the proposed development site (note that if the site has numerous bend points, at each bend point coordinates must be provided) as well as the start, middle and end point of all linear activities.
- xvi. The BAR must provide the following:
 - Clear indication of the envisioned area for the proposed powerline route and all associated infrastructure should be mapped at an appropriate scale.
 - Clear description of all associated infrastructure. This description must include, but is not limited to the following:
 - Powerlines;
 - Internal roads infrastructure; and;
 - All supporting onsite infrastructure such as laydown area, access roads etc.
- xvii. A copy of the final preferred route layout map. All available biodiversity information must be used in the finalisation of the layout map. Existing infrastructure must be used as far as possible e.g. roads. The layout map must indicate the following:
 - Wetlands, drainage lines, rivers, stream and water crossing of roads and powerlines indicating the type of bridging structures that will be used;
 - The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected by the powerline and its associated infrastructure;
 - Substation(s) and/or transformer(s) sites including their entire footprint;
 - Connection routes (including pylon positions) to the distribution/transmission network;
 - All existing infrastructure on the site, especially roads;
 - Buffer areas;
 - Buildings, including accommodation; and
 - All 'no-go' areas.
- xviii. An environmental sensitivity map indicating environmental sensitive areas and features identified during the assessment process.
- xix. A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.

The Environmental Management Programme (EMPr) to be submitted as part of the BAR must include the following:

- i. All recommendations and mitigation measures recorded in the BAR and the specialist studies conducted.
- ii. The final preferred route layout map.
- iii. Measures as dictated by the final route layout map and micro-siting.
- iv. An environmental sensitivity map indicating environmental sensitive areas and features identified during the assessment process.
- v. A map combining the final preferred route layout map superimposed (overlain) on the environmental sensitivity map.
- vi. An alien invasive management plan to be implemented during construction and operation of the powerline. The plan must include mitigation measures to reduce the invasion of alien species and ensure that the continuous monitoring and removal of alien species is undertaken.
- vii. A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar with the site and be implemented prior to commencement of the construction phase.
- viii. A re-vegetation and habitat rehabilitation plan to be implemented during the construction and operation of the facility. Restoration must be undertaken as soon as possible after completion of construction activities to reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.
- ix. A traffic management plan for the site access roads to ensure that no hazards would result from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimize impacts on local commuters e.g. limiting construction vehicles travelling on public roadways during the morning and late afternoon commute time and avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.

- x. A transportation plan for the transport of components, main assembly cranes and other large pieces of equipment.
- xi. A fire management plan to be implemented during the construction and operation of the powerline.
- xii. An erosion management plan for monitoring and rehabilitating erosion events associated with the powerline. Appropriate erosion mitigation must form part of this plan to prevent and reduce the risk of any potential erosion.
- xiii. An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.
- xiv. Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.

The EAP must provide detailed motivation if any of the above requirements is not required by the proposed development and not included in the EMPr.

The BAR must include a cumulative impact assessment of the powerline if there are other similar powerlines in the region. The specialist studies e.g. biodiversity, visual, etc. must also assess the facility in terms of potential cumulative impacts.

Please ensure that all the relevant Listing Notice activities are applied for, that the Listing Notice activities applied for are specific and that they can be linked to the development activity or infrastructure in the project description.

You are hereby reminded that should the BAR fail to comply with the requirements of this acceptance letter, the environmental authorisation may be refused.

The applicant is hereby reminded to comply with the requirements of Regulation 45 with regard to the time period allowed for complying with the requirements of the Regulations, and Regulations 43 and 44 with regard to the allowance of a comment period for interested and affected parties on all reports submitted to the competent authority for decision-making. The reports referred to are listed in Regulation 43(1).

Furthermore, it must be reiterated that, should an application for Environmental Authorisation be subject to the provisions of Chapter II, Section 38 of the National Heritage Resources Act, Act 25 of 1999, then this Department will not be able to make nor issue a decision in terms of your application for Environmental Authorisation pending a letter from the pertinent heritage authority categorically stating that the application fulfils the requirements of the relevant heritage resources authority as described in Chapter II, Section 38(8) of the National Heritage Resources Act, Act 25 of 1999. Comments from SAHRA and/or the provincial department of heritage must be provided in the BAR.


You are requested to submit two (2) electronic copies (One DVD and One USB and two (2) hard copies of the BAR to the Department as per Regulation 23(1) of the EIA Regulations, 2014 as amended.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, which stipulates that no activity may commence prior to an Environmental Authorisation being granted by the Department.

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Further note that in terms of Regulation 45 of the EIA Regulations 2014, as amended this application will lapse if the applicant fails to meet any of the timeframes prescribed in terms of these Regulations, unless an extension has been granted in terms of Regulation 3(7).

Yours faithfully



Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Signed by: Mr Coenrad Agenbach
Designation: Deputy Director: Strategic Infrastructure Developments
Date: 11/12/2017

cc: T Mugwedi	Eskom Distribution Free State Operating Unit	Email: MugwedT@eskom.co.za
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**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Annexure 1

Format for Comments and Response Trail Report:

Date of comment, format of comment name of organisation/I&AP,	Comment	Response from EAP/Applicant/Specialist
27/01/2016 Email Department of Environmental Affairs: Strategic Infrastructure Development (John Soap)	Please record C&R trail report in this format Please update the contact details of the provincial environmental authority	EAP: (Noted) The C&R trail report has been updated into the desired format, see Appendix K. EAP: Details of provincial authority have been updated, see page 16 of the Application form

FIGURE 37: COMMENTS FROM DEA-INTEGRATED ENVIRONMENTAL AUTHROISATION

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Comments received from DEDEAT-Environmental Quality Management are shown as Figure 38 below.

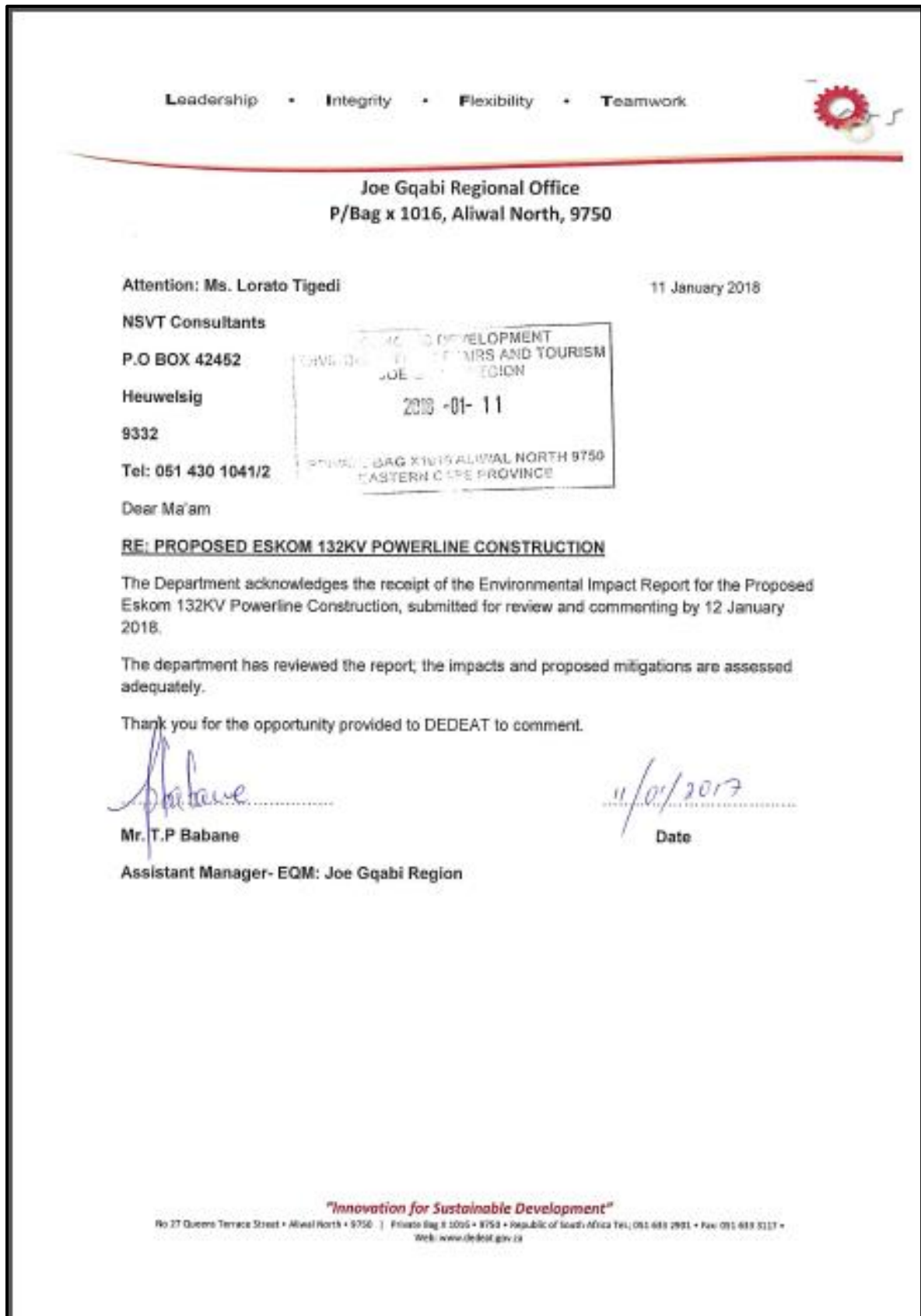



FIGURE 38: COMMENT FROM DEDEAT-ENVIRONMENTAL QUALITY MANAGEMENT

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Comments received from DEDEAT-Biodiversity Management are shown as *Figure 39* below.

The image shows a formal letter on the letterhead of the Province of the Eastern Cape, Department of Economic Development, Environmental Affairs & Tourism. The letter is addressed to NSVT Consultants at their P.O. Box 42452 in Heuwelsig. The subject is the proposed Eskom 132kV powerline construction. The letter states that the department has reviewed the Environmental Impact Report and found it adequate, recommending that the project proceed as per the report's recommendations. The letter is signed by Miss Z. Saba, Assistant Manager of Biodiversity Management, and dated 02 February 2018. The letterhead includes the province's logo and contact information.

 Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS & TOURISM

Joe Gqabi Regional Office
P/Bag x 1016, Aliwal North, 9750

Reference: Lady Grey NG Kerk telecommunications mast
Enquiries: Zikho Saba

Attention: Ms. Lorato Tigedi 02 February 2018

NSVT Consultants
P.O. Box 42452
Heuwelsig
9332
Tel: 051 430 1041/2

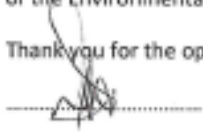

Dear Madam

RE: PROPOSED ESKOM 132kv POWERLINE CONSTRUCTION

The Department acknowledges the receipt of the Environmental Impact Report for the Proposed Eskom 132KV Powerline Construction, submitted for review and commenting.

The department has reviewed the report; the impacts and proposed mitigations are assessed adequately. Based on this report and assessment conducted by this office, the area doesn't have critical biodiversity species. Therefore it is recommended that you stick to the recommendations of the Environmental Impact Report.

Thank you for the opportunity provided to DEDEAT to comment.


Miss Z. Saba 
Date

Assistant Manager – Biodiversity Management (Joe Gqabi)

Ref: Lady Grey NG Kerk telecommunications mast

"Innovation for Sustainable Development"
No 27 Gardens Terrace Street • Aliwal North • 9750 | Private Bag X 1016 • 9750 • Republic of South Africa Tel.: 051 633 2900 • Fax: 051 633 3117 •
Web: www.dedeat.gov.za

FIGURE 39: COMMENT FROM DEDEAT- BIODIVERSITY MANAGEMENT

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Comments received from Free State Department of Police, Roads and Transport-Road Asset Management System is shown in *Figure 40* below.

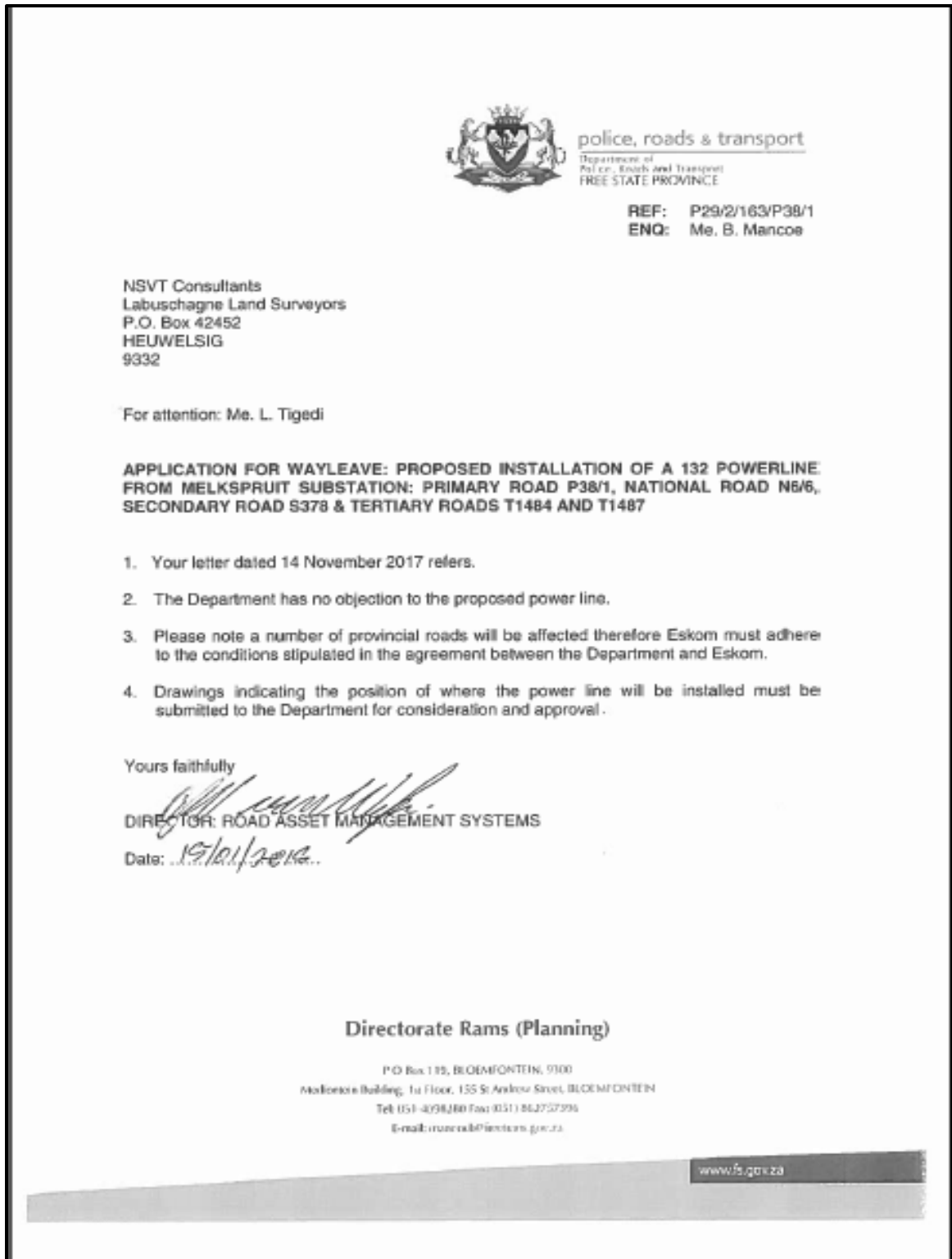


FIGURE 40: COMMENTS FROM FREE STATE DEPARTMENT OF ROADS, POLICE & TRANSPORT-ROADS ASSET MANAGEMENT SYSTEMS

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
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Comments received from DESTEA-Environmental Impact Management is shown in *Figure 41* below.




PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
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FIGURE 41: COMMENTS RECEIVED FROM DESTEA-ENVIRONMENTAL IMPACT MANAGEMENT

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

Comments received from the Department of Water and Sanitation is shown in *Figure 42* below.



water & sanitation
Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Private Bag 528, Bloemfontein, 9300, 2nd Floor Sanlam Plaza Building, c/o Charlotte Maxeke and East Burger Streets,
Bloemfontein, Tel: (051) 405 9000, Fax (051) 447 1901

✉ : Lerotholi SP
☎ : (051) 405 9000
📧 : 27/1

NSVT Environmental & Social Scientists Consultants
P. O. Box 42452
Heuwelsig
9332

Attention: Rebolang Makwaba

**BASIC ASSESSMENT REPORT IN TERMS OF THE ENVIRONMENTAL IMPACT ASSESSMENT
REGULATION, 2014, PROMULGATED IN TERMS OF THE NATIONAL ENVIRONMENTAL
MANAGEMENT ACT, 1998 (ACT NO .107 OF 1998) FOR THE PROPOSED DEVELOPMENT OF A
132KV POWERLINE FROM MELKSPRUIT SUBSTATION IN THE EASTERN CAPE PROVINCE TO
ROUXVILLE SUBSTATION IN THE FREE STATE PROVINCE**

The Department acknowledges receipt of the aforementioned basic assessment report (BAR) on the 14 November 2017 for comments.

The BAR indicates that Eskom is proposing to decommission an existing 66kV powerline from Melkspruit substation in Allwal North, Eastern Cape Province to Rouxville substation in the Free State Province. This is because the powerline has aged and began giving age-related failures, hence Eskom proposed to replace the existing powerline with a 132kV powerline.

The two possible routes are discussed in the BAR. All the routes will mainly follow the existing powerline route with few deviations to minimise the environmental impacts that may arise due to the existence of the powerline. Furthermore, the powerline will require the crossing of the natural watercourses including the Orange River in all possible routes identified.

The Department of Water and sanitation (DWS) has assessed the above-mentioned BAR and wish to comment as follows:

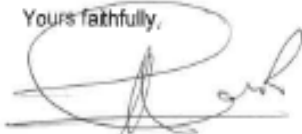
1. The proposed activity constitute section 21(c) and (j) of the national water act, 1998 (Act 36 of 1998)
2. In terms of the Government notice No. 509 published in the Government Gazette of 26 August 2016, the activities undertaken by the state own entities (SOE's) are generally authorised i.e. in the case of Eskom construction of new transmission and distribution powerlines, and minor maintenance of roads, river crossings, towers and substations were the footprint remains the same are generally authorised.

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
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3. Any person or entity is required to register the general authorisation with the Department of Water and Sanitation (DWS) before commencement of the activity.
4. Any person or entity exercising general authorisation needs to comply with the conditions stipulated in the Government notice No. 509 published in the Government Gazette of 26 August 2016.

Please do not hesitate to contact the DWS Provincial Office should you have any queries.

Yours faithfully,




 Director Institutional Oversight (Acting)
DATE: 9/01/2018

FIGURE 42: COMMENTS RECEIVED FROM DEPARTMENT OF WATER AND SANITATION

PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
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Comments received from ECPHRA are shown in Figure 43 below.



FIGURE 43: CORRESPONDENCE WITH ECPHRA

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
PUBLIC PARTICIPATION REPORT**

4. I&APS DATABASE

The database that was compiled and it will be maintained for the duration of the basic assessment process is tabulated in Table 1 below.

TABLE 1: I&APS DATABASE

NAME	AUTHORITY/ INSTITUTION/ ORGANIZATION/FARM NAME	CONTACT DETAILS	EMAIL
LOCAL AUTHORITY			
Mr. Thembinkosi Mawonga	Walter Sisulu LM-Municipal Manager	051 653 1777	Thembinkosi@wslm.gov.za
Mr. Mosenene	Walter Sisulu LM – Unit Manager	051 633 2406	joseph.mosenene@wslm.gov.za
Mr. Blackie Swart	Walter Sisulu LM- Land Admin	051 633 2406	Piet.Swart@wslm.gov.za
Mr. Zuzani Masina	Walter Sisulu LM-Area 13 Councillor	072 929 7039	masina@maletswai.gov.za
Cllr. Valasheya	Mohokare LM-Ward 4 Councillor	062 745 2246	Bmvalas@webmail.co.za
Mr. Matamane	Mohokare LM-Unit Manager	060 712 2292	
Ms. Sandra Harvey	Mohokare LM		sendraharvey77@gmail.com
PROVINCIAL AUTHORITY			
Mr. Victor Hlazo	DESTEА-Environmental Impact Management	051 400 4804	hlazov@detea.fs.gov.za
Mr. Nacelle Collins	DESTEА-Biodiversity	051 400 4775	collinsn@destea.fs.gov.za
Mr T.P Babane	DEDEAT-Environmental Quality Management	051 633 2901	Thozamile.Babane@dedea.gov.za
Ms Zikho Saba	DEDEAT – Biodiversity Management	051 633 2901	Zikho.Saba@dedea.gov.za
Mr Willie Naude	Department of Roads	082 0599 707	fsroadplanning@gmail.com
Ms T. Ndumo	Department of Agriculture	051 861 8747	tndumo@agric.fs.gov.za
Ms. Laka Modiehi Betty	Department of Water & Sanitation- Upper Orange Catchment		LakaM@dws.gov.za
Mr. Pius Lerotholi	Department of Water & Sanitation- Upper Orange Catchment	051 405 9000	LerotholiP@dws.gov.za
Ms. Ragna Redelstorff	South African Heritage Resources Agency	021 202 8651	rredelstorff@sahra.org.za
Ms. Loudine Phillip	Free State Heritage Resources Agency	051 410 4750	Loudine.phillip@nasmus.co.za

**PROPOSED 132kV POWER-LINE BETWEEN MELKSPRUIT AND ROUXVILLE SUBSTATIONS
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Mr Sello Mokhaya	Eastern Cape Province Heritage Resources Agency	043 745 0888	info@ecphra.org.za
ORGANS OF STATE			
Mr Mothobi Martins	Telkom	051 401 6320/ 082 737 6286	MartiMC2@telkom.co.za
Ms Judy Marks	SANRAL-Eastern Region	033 392 8123	Marxj@nra.co.za
Ms. Esti Pretorius	Transnet Freight Rail BLM	051 408 2436	Esti.pretorius@transnet.net
Ms. Yolanda Potgieter	Transnet Freight Rail BLM	051 408 2228	Yolanda.Potgieter@transnet.net

LANDOWNERS			
NAME	FARM NAME	CONTACT DETAILS	EMAIL
Jan Louis Schlebush	The Nest B&B	082 929 6940	schlebush-stormvoere@gmail.com
Johan &Lizelle	Mamre	083 653 4761	redruth@mweb.co.za
Kobus Odendaal	Gedachtenis	082 384 0262	gedachtenis@nokwi.co.za
L.Q. Nyangintsimbi	Wangenella	083 373 2038/ 082 066 7140	gnnnyangintsimbi878@gmail.com
A. Froneman	Waaiplaas	082 446 2169	fronies@absamail.co.za
Danie Brand	Orangia	051 633 3022	hightechpanelbeaters82@yahoo.com
Johan Strydom	Orangia	083 657 4001	strydomjak@telkomsa.net
Barry Visagie	Orangia	082 454 0304	bgvisagie@nokwi.co.za
Mr Lottering	Farmers' Union Secretary	084 549 3411	rdbu1@webmail.co.za
Dr Troskie	Poortjie	083 272 3189	uitsban@lariiediera.co.za
Lois Botha	Beestekraal	082 449 0698	iniklofie@yahoo.com
Michael le roux	The Willows	082 496 1980	lerouxnj@skcn.co.za
Louw Engelbrecht	Esperance	083 235 3742	loumarboerdeg@nokwi.co.za
Mr Muller	Stoltzkraal	083 253 3742	Evantontrust@yahoo.com
Ludik Boerdery	Leke Kople	083 492 4055	

5. CONCLUSION

It is concluded that the methods incorporated in the public participation process to inform the surrounding landowners, users, organs of state and identified government authorities was adequate. All the identified I&APs were given with an opportunity to give input regarding the proposed development and also influence the layout or the route alignment. From the public participation process, it is evident that there are no objections to the proposed development, but Alternative Route 1 section along P38/1 should be avoided, thus the section will follow the Alternative Route 2 alignment until it crosses over the N6. The conditions received from Free State Department of Roads, Police and Transport, Transnet and Telkom were forwarded to Eskom and included in the conditions to be considered for the EA and comments from SAHRA included in the EMPr.