

TRANS-AFRICA PROJECTS

TAP MIDRAND OFFICE Allandale Offices 23 Magwa Crescent (West) Waterfall City Midrand, Johannes burg 2070 South Atrica

Handover Certificate - Minor Retic Electrification

Project Name:	Manilanena Pe	ggmeg	
Project Number:	Manulaneng Pe Marulaneng Pe	egg/ng	
Description of Scope:	J		
	Deliverables	(Tick if executed)	SIGNATURE
	DESD		Allhui
	Way Leave		Alli
Spannin	g Plan (dgn/dxf/dwg)		allew.
Spo	anning Plan (PDF)		MAGIO.
(Coordinate List		Millio.
	Deeds Report		
	emplate (if applicable)		
	uteplan (kml/pdf)		l m
R	lisk Assessment		Alle .
Deviations:			
Approvals:			
Done by: (Surveyor) Signature Accepted by: (Eskom	Netshluhugu. Name Print Rep)	l 04	-06-2020 Date
Signature	Name Print		Date



Travelling Route Risk Assessment

Review Date July 2021	Effective Date 27 July 2016	Document Identifier	Template Identifier 240-43921898
July 2021	27 July 2016	240-115053509	240-43921898
		Rev.	Rev.
		dee	51

Route Factor Questionnaire and Checklist (not limited to these)

It could also be used to compile the route risk assessment to be kept to be used by all employees. This checklist must be completed as part of planning prior to travel, in consultation with the host or operation/business unit representative you are visiting

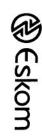
Date: 2020-05-26 Signature:

Applicable for which route/area: \\MMLUMENG

Factor	Question	Answer Y/N	Comments
The driver's familiarity with the route	 Not (never driven there before) Medium (been there three times a year) Have not been there more recently than three months ago Travelled there recently and regularly Have not been there more recently than three months ago 	×	5.
Road condition	Is the road surface a tarred surface or gravel?	×	
	Are the road markings visible?	×	
	How well is it maintained (is it suitable for coal trucks)?	Y	
Road shoulder	Are safety guards/railings installed, where appropriate?	×	
Journey timing and	Is the route unsafe at particular hours of the day (e.g., night time or during peak hours)?	Ń	
duration	Is it a long journey (how many kilometres)? If the journey is long, have you identified safe resting spots?	N	
	Is the route unsafe on particular days of the week (e.g., weekdays or during weekends)?	N	
		. /	

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			5

Is	Population density D	Animal control Is	ls	Traffic density Is		•		•	•	•	•	•	•	7	•	•	•	•	to	Security	Is	ູດ	Ą	Visibility
Is pedestrian traffic controlled?	Does the route go past a school or other places where people congregate?	Is wildlife or livestock likely to wander onto the road?	Is it mostly used by light vehicles or trucks, or both?	Is it light, medium, or heavy?	easy getaway if trouble arises.	Try to stop about 5 m behind the car in front of you at a stop sign or traffic light; it makes for an	surroundings.	Ensure that all your mirrors are adjusted to give you an optimal all-round view of your	Hijackers are professionals, too; they plan their attacks carefully.	Try to vary your route to work or the gym – all places to which you travel regularly.	Lock all doors and close windows before driving off.	Keep your eyes open for anything out of the ordinary.	Be familiar with your environment.	TAKE NOTE	Construction areas on the route?	Any hijacking/smash-an- grab spots on the route of which you are aware?	Any "no-go" areas?	What is the best/recommended route?	to the route.	Is the route a hijacking/smash-and-grab hot spot? NB: you may use SAPS hijacking statistics related	Is there adequate street lighting?	Can intersecting roads and rail crossings be identified within adequate reaction time?	Are hazard warning signs and road signage used appropriately?	Is there enough and suitable road signage along the road (e.g., speed limit signs)?
, A	~	7	Both	medium													-	7	>		18	*	8	X

Public

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		h	5

 Who should en 			preparedness	Driver	the car	 Condition of 	Trip preparedness
sure th		•	•	•	•	•	
Who should ensure that this risk assessment is done? The driver must be cautious of identified risks during the trip if it is the first time he/she is driving the route.	Is the weather conducive to driving (mist, rain, etc.)?	Do you have emergency contact and/or host details?	Do you have a valid driver's licence and permit?	Did you have enough rest before the journey?	Do you have enough fuel for the trip?	Is the car safe to drive? (Do a pre-trip inspection.)	<

Where will the risk assessments be sent to for evaluation purposes to verify conformance with this process?

Sharing of lessons internally with regard to the risks that might be raised by individuals and the inclusion of such risks in the main risk assessment.

Information should be supplied by the host you will be visiting if you are not familiar with the route.

Assessment Date	26-05-2020-	Authorised Route	M1/R71, R524
From where:	Thehouandou	To where:	Manilanero,
Average Traffic Flow		YTD accidents on the Route if	
	medium.	available	
Total Journey Distance	301 Km	Review Date of route assessment	

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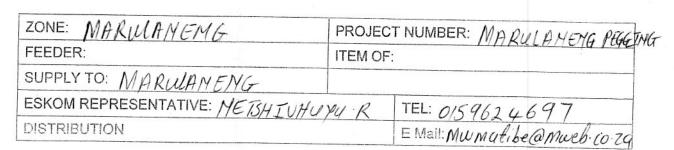
MAROTA MARULANENG TRADITIONAL COUNCIL

2020 -05- 26

P.O BCX 115 MARULANENG 1067

SEKHUKHUNE DISTRICT SUPPORT CENTRE

January 2016



WAYLEAVE CONTRACT POWERLINE AND/OR CABLE AND ASSOCIATED INFRASTRUCTURE

1. GENERAL

1.1 Identification of parties:

Eskom

- 1.1.1 Contractor means any entity appointed as an independent contractor to execute works on the Property in the exercise of the Rights.
- 1.1.2 Eskom means Eskom Holdings SOC Ltd, a public company with registration number 2002/015527/30 with its head office at Megawatt Park, 2 Maxwell Drive, Sunninghill, Sandton.
- 1.1.3 Owner means:

 Name: SERAKI EQUATOR Mulaye

 ID No: 6306295317080

 a company / close corporation / trust / partnership / natural person /

 Government department / tribal authority [delete which is not applicable] of

Tel No: 083 560 3623
If not a Natural Person, herein represented by:

Name:

who through signature here below, warrants his or her authority to sign on

behalf of the Owner.

DEPARTMENT OF CO-OPERATIVE GOVERNANCE
HUMAN SETTLEMENT & TRACITIONAL AFFAIRS

PAROTA MEDITIONAL AFFAIRS

TRADITIONAL COUNCIL

2020 - 25 - 2 6

En provide
MANDENNERS INST

SEKHUKHUNE DISTRICT SUPPORT CENTRE

1.1.4 Property means:

Property Description	·Mari	Sanga-Co	
Local Authority	Marot	er maria	1
Extent	2/3	Kelling	10 new
Title Deed		105	

2. THE RIGHTS

- 2.1 The Owner grants, generally, an irrevocable right (herein the "Rights"), in perpetuity and free of charge, to Eskom and over the Property, for the distribution and transmission of electricity and related purposes, substantially along the route indicated by letters on the attached sketch plan, comprising an area meters on either side of the centre line of the Goods, once they are built (the "Wayleave Area"), and the Rights include those set out in paragraph 2 hereof.
- 2.2 To the extent necessary to give effect hereto, the Owner's spouse, Lessee and/or Usufructuary agrees to the granting of the Rights by signing below.
- 2.3 The Rights, specifically, include the rights to:
 - 2.3.1 convey electricity and telecommunication across the Property;
 - 2.3.2 erect structures, conductors, cables, appliances and, without limitation, everything else as may be necessary or convenient in exercising the Rights (herein referred to as the "Goods") and the Owner agrees that structure-supporting mechanisms may reasonably extend beyond the Wayleave Area where it is necessary to safely secure the Goods;
 - 2.3.3 enter and be upon the Property at any time in order to construct, erect, operate, use, maintain, repair, re-erect, alter or inspect the Goods or in order to gain access to any adjacent property in the exercise of rights similar to the Rights;
 - 2.3.4 have these Goods remain on the Property for so long as either Eskom or the Owner requires them to;
 - 2.3.5 extend the Goods to other customers, suppliers or contracting parties of Eskom, over the Property;
 - 2.3.6 use existing roads and gates giving access to and running across the Property and to erect in any fence such gates as may be necessary or convenient to gain access to or exit from the Property and the Goods or in order to gain access to any adjacent property in the exercise of rights similar to the Rights;
 - 2.3.7 remove any material or structures, and cut or trim any tree, bush or grass within the Wayleave Area or to the extent necessary where the Goods extends beyond the Wayleave Area, in order to comply with the restrictions referred to in paragraph 3.2 hereof;

- 2.3.8 every ancillary right necessary or convenient for the proper exercise of the Rights granted to Eskom; and
- 2.3.9 At Eskom's election, have this wayleave registered as a servitude against the title deed of the Property.
- 2.4 The Rights will apply to all electricity infrastructure on the Property and the area which such infrastructure covers will be deemed to be included in the Wayleave Area and/or Restricted Area. It is agreed that the Owner herewith grants permission for all electricity infrastructure on the Property to remain on the Property.
- Any expenses to be incurred, which are necessitated by a change to or removal of the Goods in the Wayleave Area required by the Owner, are for the Owner's account and must be paid for by the Owner in advance. Eskom will effect such changes or removals after receipt of such payment, if such changes or removal are technically possible.
- 2.6 The Contractor may exercise any of the Rights.
- 2.7 Eskom may:
 - 2.7.1 let any portion of the Goods to any third party on such conditions as Eskom may deem fit;
 - 2.7.2 cede all or any of the Rights granted in terms of this Wayleave to any third party.

3. THE OBLIGATIONS

- 3.1 Eskom must:
 - 3.1.1 ensure that any of Eskom's gates that it had used is closed after use:
 - 3.1.2 pay reasonable compensation for intentional damage or damage caused through a negligent act or omission, caused by Eskom, its employees or agents in pursuit of the Rights, save where Eskom is acting in accordance with sub-clause 2.3.7 of this document; and
 - 3.1.3 where a Contractor exercises the Rights, ensure that the Contractor complies with the obligations contained in this sub-clause 3.1.1.
- 3.2 The Owner must ensure that no:
 - 3.2.1 building or structure is erected or installed above or below the surface of the ground within the Wayleave Area and no tree or bush is planted within the Wayleave Area or within ______ metres from any structure-supporting mechanism (the "Restricted Area");
 - 3.2.2 tree, which could grow to a height in excess of the horizontal distance of that tree from the nearest conductor of any power line is planted or allowed to continue growing, regardless if it is outside of the Wayleave or Restricted Area;
 - 3.2.3 material which may in the opinion of Eskom endanger any electricity infrastructure is placed within the Wayleave or Restricted Area.

Signed at	on	
	The second secon	Control of the Contro
Spouse of the Owner if married	in community of property	
Witnesses:		
1.		
2.		
	The state of the s	
Signed at	on	
		The second second second second
M Poul)		
Eskom Holdings SOC Limited	Hallama Report NECONOMICS	
Witnesses:		
1.		
	The second section of the second section of the second section	
AP \ -00	2-	
2. MV Delhull	nue	
	- Control of the cont	

ENVIRONMENTAL IMPACT ASSESSMENT FOR DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

1

Page:

18 of 70

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

Reticulation Powerlines and Ancillary Services

Ratified and accepted by	
Environmental Practitioner Environmental Specialist	DEPARTMENT OF CO-OPERATIVE GOVERNANCE HUMAN SETTLEMENT & TRADITIONAL AFFAIRS
Head of Engineering Survey	MAROTA MARULANENG TRADITIONAL COUNCIL
(one signature please) Accepted by Land Owner/s/Users Sergicl I have seen the completed document and accept the	2020 -05- 2 6
recommendations made	P.O BOX 115 MARULANENG 1067
Form completed by METSHIVHUYU'R Signature:	SEKHUKHUNE DISTRICT SUPPORT CENTRE
in consultation with: Seraki, E., Thules Signature Signature	Kulon
CAPACITY (e.g. land owner, specialist):	•
DATE COMPLETED: 25-05-2020	
26-05-2020	

Instructions

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

The purpose of this DESD is to:

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

NOTE Complete the report before the survey!!!

This is not an office exercise.

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

ENVIRONMENTAL IMPACT ASSESSMENT FOR DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

1

Page.

19 of 70

Annex B (continued)

1 Project description
Project name/Survey Request Mandaneng Legging Area Mandaneng Project number Mandaneng Peggin File number Rural scheme/ Feeder Voltage Supply from
(scheme name, pole numbers for tee-off) Supply to Manuluneng VI Mage: (Farm name, etc.)
2 Properties traversed Farm name Registration number and Division 8/3 ks Sub-division Compilation number 2 4 29 DD Line length (m) Farm name Registration number and Division Sub-division Compilation number Line length/Site area (m²)
3 Brief description of the surrounding area The area is generally therralterised by uneuty trestain surface which is compute surrounding area there are easting rowed mes within the curea Paved and unpound made are withing

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

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

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DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

1

Page:

20 of 70

Annex	E
(continue	ed)

Physical environment	(continued)
1 Water: streams rivers	dams wetlands springs floodplains OTHER
resent condition:	renal streams are within the are
tential impact (e.g. threat of po	ollution): No smpalt.
Soil: sandy	rocky clayey OTHER
All cold	1 types characterise the oreg.
sent condition:	yps marationse de oreg.
ential impact (e.g. of erosion)	No Ampail-
	ridges hills valleys ravines dongas OTHER
The State of the s	ridges thing remeys latitles doligas Other
sent condition: Mone	of the above 3 within the
area.	Ni Las to a f
ential impact (e.g. of erosion) .	No Impach
nments/mitigating measures:	
Mome -	

ENVIRONMENTAL IMPACT ASSESSMENT FOR

DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

1

Page:

21 0170

			Annex B (continued)			
5 Natural e	nvironment		,			
5.1 Flora:	indigenou	is prote	ected	exotic	OTHER	
	i ulu.	protectt	rare etc., mention	to be to	muned.	re
reques	ed.		47	a.w.ca. E. 1.Ox.	s mey be	
5.2 Fauna:	mam	imals	birds	ОТН	ER	****
Brief description	n and conservat	ion status:				
(e.g. rare, prote	cted, etc., ment CFIC N	on giraffe, eleph Nammal Villon	ants, eagles, vult S SULA The area lision, etc) Mr.	as car	n migratory paths) /
•••••••••••••••••••••••••••••••••••••••						
Comments/mitig	ating Non	ę			rine	asures:
					······································	
Social env	ironment					h :
i.1 Restricted	nature/game reserves	hiking trails	tourism routes	parks	recreational areas	
(esidential- reas	green belts	sacred/holy grounds	OTHER		ord E. Tad Aud Auf	
rief description	The ar	ea le 110	11.	me chent	ml.	

SKON CONTRACT Perce Control

ENVIRONMENTAL IMPACT ASSESSMENT FOR

DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

1

Page.

22 of 70

Potential impact e.g. th	nreat of encroach	Annex B (continued) ment, etc.	npal	
6.2 Visual aesthetics) hidden		partially
Brief description	o powe	Ane ust	l be za	eily seen.
Potential impact				·····
6.3 Natural heritage:	cultural significance	archaeological objects	monuments	palaeontological objects
	graves	meteorites	ruins	OTHER
Note: Should any na Resource Act, No 25 of the SAHRA. If line or a Potential impact	f 1999 be identificaccess road len	ed, the requirements of gth exceeds 300m \$	of Act 25 of 1999 AHRA shall be n	
Comments/mitigating m				
7 Economic envir	onment	3		
7.1 Land use: cro	ops	orchards (grazing	crop spraying
	me farming		mining	OTHER
Brief description So.	ne do	mestic m	annals	grate

ENVIRONMENTAL IMPACT ASSESSMENT FOR

DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

1

Page:

23 of 70

ENVIRONMENTAL IMPACT ASSESSMENT FOR

DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

1

Page:

24 of 70

		nex B inued)	
What impact will this project 1. Physical	have on elements 4 to 7	?	
No impact (0) Med	dium impact (2)	High impact (4)	
2. Natural			
No impact (0) Med	lium impact (2)	High impact (4)	
3. Social			
No impact (0) Med	ium impact (2)	High impact (4)	
Overall impact: This section addresses the above three spheres (physic	overall environmental im al, natural and social) nee 2	pact of the project. Indicate to be considered to	The impacts as assessed in the determine the overall impact
No impact	Medium impact	High impact	renoumals.
If the overall impact is be Environmental Senior Superi	etween 2 and 4, conta	ct the Environments	al Management Officer or the
Alternatives			
Have alternative routes been	discussed with the releva	ant land owner/s or us	ers?
Yes .			
Detailed study			
Is an environmental assessm	ent required in terms of R	egulation R543?	
Yes No			
Should a permit application be	e made to DWA?		
Yes			
No			
Should the SAHRA be notified	1?		
Yes			

No

ENVIRONMENTAL IMPACT ASSESSMENT FOR DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

1

Page:

25 of 70

Annex C - Environmental Management Plan (Normative)

1 General conditions

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

ENVIRONMENTAL IMPACT ASSESSMENT FOR

DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

Page:

27 of 70

Annex C (continued)

2 Special conditions

(Specific issues identified during the scoping as needing attention i.e. erosion berms, bird flappers, protected trees. etc.) Spelial aftention is required for

TYPICAL MITIGATION MEASURES

ENVIRONMENTAL CONCERNS	MITIGATION MEASURES
AGRICULTURE	
Loss of standing crop due to access road and tower work site.	 limit width of access and size of tower site. avoidance of crop areas. monetary compensation for crop loss. time construction to avoid growing season.
Soil Compaction	 scheduling activities to times of the year when soils are least susceptible to compaction. stop activities when ground conditions are poor. use of equipment with low bearing capacity. chisel ploughing.
Construction of new lines	- locate access roads along existing traffic routs.
Topsoil – subsoil mixing/soil rutting	 scheduling activities. stop activity when ground conditions are poor. use of equipment with low bearing capacity. use of gravel roads. addition of manures to offset fertility loss. compensation for reduced soil pEAuctivity. removal of spoil and/or bentonite from foundation operations. Segregation of topsoil and subsoil.
Disturbance to farm operations	maintain contact with landowner/tenant regarding preferences.
Loss of livestock	 employ noise control measures near sensitive livestock. Construction of farm gates. Securing farm gates. Clean-up construction materials which could be ingested. Compensation for lost, injured livestock.
SOCIAL IMPACTS	
Mud and Dust	 wetting down dry soils. chemical control of dust. cleaning roads to remove mud. temporary planting of grasses.

ENVIRONMENTAL IMPACT ASSESSMENT FOR DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

1

Page:

28 of 70

Annex C (continued)

	(continued)
Aesthetics	- screen with natural of planted vegetation restoration.
	 avoid linear access down the right-of-way.
	 addition of topsoil to gravel access roads.
	 hoarding construction sites.
	 installation of landscaping in advance of site
	completion.
Inconvenience	- select route and method of installation to suit
	landowners' conditions.
	- select timing of activity.
Heritage resources	- avoidance/isolation.
	 design measures to make facility less obtrusive.
	- screening.
	 alternate methods of equipment.
	 protection by use of enclosures, barrier fencing,
	covering.
	- salvage in conjunction with SAHRA.
	- relocation in conjunction with SAHRA.
Tourism and recreation resources	- design measures to make facility less obtrusive of
	disruptive.
	- screening and restoration.
	- minimise noise and dust.
	- safety precautions to protect the public.
	- scheduling to avoid peak use periods.
WATER QUALITY	
Sedimentation of streams due to	 minimise use of slopes adjacent to streams during soils
erosion from the right-of way.	testing, construction and maintenance.
	- maintain a cover crop.
~·	- retain buffers.
Stream bank erosion.	- mechanical erosion control.
	- retain shrubby stream bank vegetation and selectively
	cut or prune trees during line clearing/maintenance.
	- selective spraying of herbicides.
	- Mechanical erosion control.
mpedance of natural flow streams/others surface waters.	use and maintenance of appropriate stream crossing device.
Ponding or channelization of surface	- timing activities to stable ground conditions.
waters due to rutting.	- use of gravel roads.
Contamination of surface or ground	
waters through spills or leaks of toxic	The second secon
substances.	- site selection where possible.
Soil compaction/topsoil-subsoil mixing.	- avoidance of rutting by vehicles where possible.
Jon compaction/topson-subson mixing.	- construction timing.
	- use of gravel roads.
	- use of graver roads use of vehicles with low bearing pressures.
	- stop activities when ground conditions are poor.
Vind/water erosion.	- avoidance of areas with high erosion potential.
villa/water erosion.	timing activities to the most stable ground conditions.
	- slope stabilisation.
9. 25.	
	 avoid trenching parallel to the fall of a slope.