



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

(For official use only)

File Reference Number:

NEAS Reference Number:

Date Received:

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

Proposed Roodepoort Strengthening Project – (Construction of 2 x400kV Power Lines of Approximately 30km long from existing Apollo-Pluto 400kV to a new 400/88kV Demeter MTS).

Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. No faxed or e-mailed applications will be accepted.
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environmental Affairs
Attention: Director: Environmental Impact Evaluation
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)
2nd Floor North Tower
315 Pretorius Street
Pretoria
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3268

Fax: 012-320-7539

Please note that this form must be copied to the relevant provincial environmental department/s.

View the Department's website at [http://www.deat.gov.za/](http://www.deat.gov.za) for the latest version of the documents.

PROJECT TITLE

Proposed Roodepoort Strengthening Project – (Construction of 2 x400kV Power Lines of Approximately 30km long from existing Apollo-Pluto 400kV to a new 400/88kV Demeter MTS).

1. BACKGROUND INFORMATION

Project applicant:	Eskom Transmission Division		
Trading name (if any):			
Contact person:	Mmamoloko Seabe		
Physical address:	Megawatt Park, Maxwell Drive, Sunninghill, Sandton		
Postal address:	PO Box 1091, Johannesburg		
Postal code:	2001	Cell:	011 800 3917
Telephone:	(011) 800 2345	Fax:	
E-mail:	SeabeJM@eskom.co.za		
Provincial Authority:	Gauteng Department of Agriculture and Rural Development(GDARD)		
Contact person:	Mr. Pirate Ncube		
Postal address:			
Postal code:		Cell:	082 451 7120
Telephone:	011 355 1953	Fax:	011 355 1000
Email:	Pirate.ncube@gauteng.gov.za		
Landowner:	<i>Details of Landowners will be collected after acknowledgement of this application.</i>		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			
	In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.		
Local authority in whose jurisdiction the proposed activity will fall:	Mogale City Municipality		
Nearest town or districts:	Krugersdorp		
Contact person:	Mr D Mashitsho		
Postal address:	P.O. Box 94, Krugersdorp		
Postal code:	1740	Cell:	
Telephone:	011 951 2013	Fax:	(011) 951 2433
E-mail:	danm@mogalecity.gov.za		
	In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.		
Local authority in whose jurisdiction the proposed activity will fall:	City of Johannesburg Municipality		

Nearest town or districts:	Johannesburg		
Contact person:	Mr Mavela Dlamini		
Postal address:	PO Box 1049, JOHANNESBURG		
Postal code:	2000	Cell:	
Telephone:	(011) 407 7300	Fax:	(011) 403 1012
E-mail:	ntswakih@joburg.org.za		
	In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.		

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice:	Activity No (s) (in terms of the relevant notice) :	Describe each listed activity as per project description ¹ :
544, 18 June 2010	10 (i)	The construction of facilities or infrastructure for the transmission and distribution of electricity – (ii) Inside urban areas or industrial complexes with a capacity 275 kilovolts or more. <i>The application is for the construction of a 400/88 MTS substation and 400kV transmission power line approximately 30 kilometres.</i>
544, 18 June 2010	11 (xi)	The construction of: (xi) infrastructure or structures covering 500 square meters or more where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line. <i>The project area has the Crocodile and Jukskei River running through it. The power line has servitude of 55 metres and some areas will either cross the river or run adjacent to it. A construction camp will also be needed.</i>
544, 18 June 2010	23 (i)	The transformation of undeveloped, vacant or derelict land to – (i) residential, retail, commercial, recreational, industrial or institutional use, inside an urban area and where the total area to be transformed is bigger than 5 hectare or more but less than 20 hectares; and Except where such transformation takes place for linear activities.

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

		<p>The project is a linear activity requiring servitude of 55 meters and a length of approximately 20 kilometres of land to be cleared off vegetation. The construction camp will also transform the land. The study area is in developed (surrounding Mogale City and City of Johannesburg) and undeveloped for the remaining sections. The proposed land on which the substation is to be extended is about 500m x 500m which equals 25ha</p>
544, 18 June 2010	26	<p>Any process or activity identified in terms of section 53 (1) of the National Environmental Management: Biodiversity Act, 2004 9Act No. 10 of 2004)</p> <p>The Gauteng Province is a habitat for protected species such as Egoli Granite Grasslands, Norite Koppies Bushveld, Andesite Mountain Bushveld and Giant Bull Frog.</p>
546, 18 June 2010	3	<p>The construction of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast:</p> <p>(a) is to be placed on a site not previously used for this purpose, and</p> <p>(b) will exceed 15 metres in height but excluding attachments to existing buildings and masts on rooftops</p> <p>(b) In Gauteng:</p> <p>(i) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(iii) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(v) Sites identified as irreplaceable or important sites in the Gauteng Conservation Plan;</p> <p>(vi) Areas larger than 2 hectares zoned for use as a public open space;</p> <p>(vii) Areas zoned for a conservation purpose.</p> <p>The scope of the project includes the construction of a telecommunication tower at the new proposed substation site. It will be outside an urban area and with a height of 36 metres.</p>
546, 18 June 2010	4	<p>The construction of a road wider than 4 metres with a reserve less than 13,5metres.</p> <p>(b) In Gauteng:</p> <p>(i) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(iii) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of</p>

		<p>the Act and as adopted by the competent authority;</p> <p>(v) Sites identified as irreplaceable or important sites in the Gauteng Conservation Plan;</p> <p>(vi) Areas larger than 2 hectares zoned for use as a public open space;</p> <p>(vii) Areas zoned for a conservation purpose.</p> <p><i>The power line route in some areas is not adjacent to an existing road or servitude and as such new access roads may need to be established.</i></p>
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Please note that any authorisation that may result from this application will only cover activities specifically applied for.

3. OTHER AUTHORISATIONS REQUIRED

3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

3.1.1 National Environmental Management: Waste Act	No
3.1.2 National Environmental Management: Air Quality Act	No
3.1.3 National Environmental Management: Protected Areas Act	No
3.1.4 National Environmental Management: Biodiversity Act	*
3.1.5 Mineral Petroleum Development Resources Act	No
3.1.6 National Water Act	*
3.1.7 National Heritage Resources Act	*
3.1.8 Other (please specify)	No

Hazardous Substances Act
Occupational Health & safety Act
Electricity Regulations Act

3.2 Have such applications been lodged already? No

*This will only be confirmed once specialist studies have been done.

4. DECLARATIONS

4.1 The Applicant

I, **Mmamoloko Seabe**, declare that I

- am, or represent², the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner³;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;

² If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

³ If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
 - am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
 - hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
 - will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
 - will perform all other obligations as expected from an applicant in terms of the Regulations;
 - all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.



Signature of the applicant⁴/ Signature on behalf of the applicant:

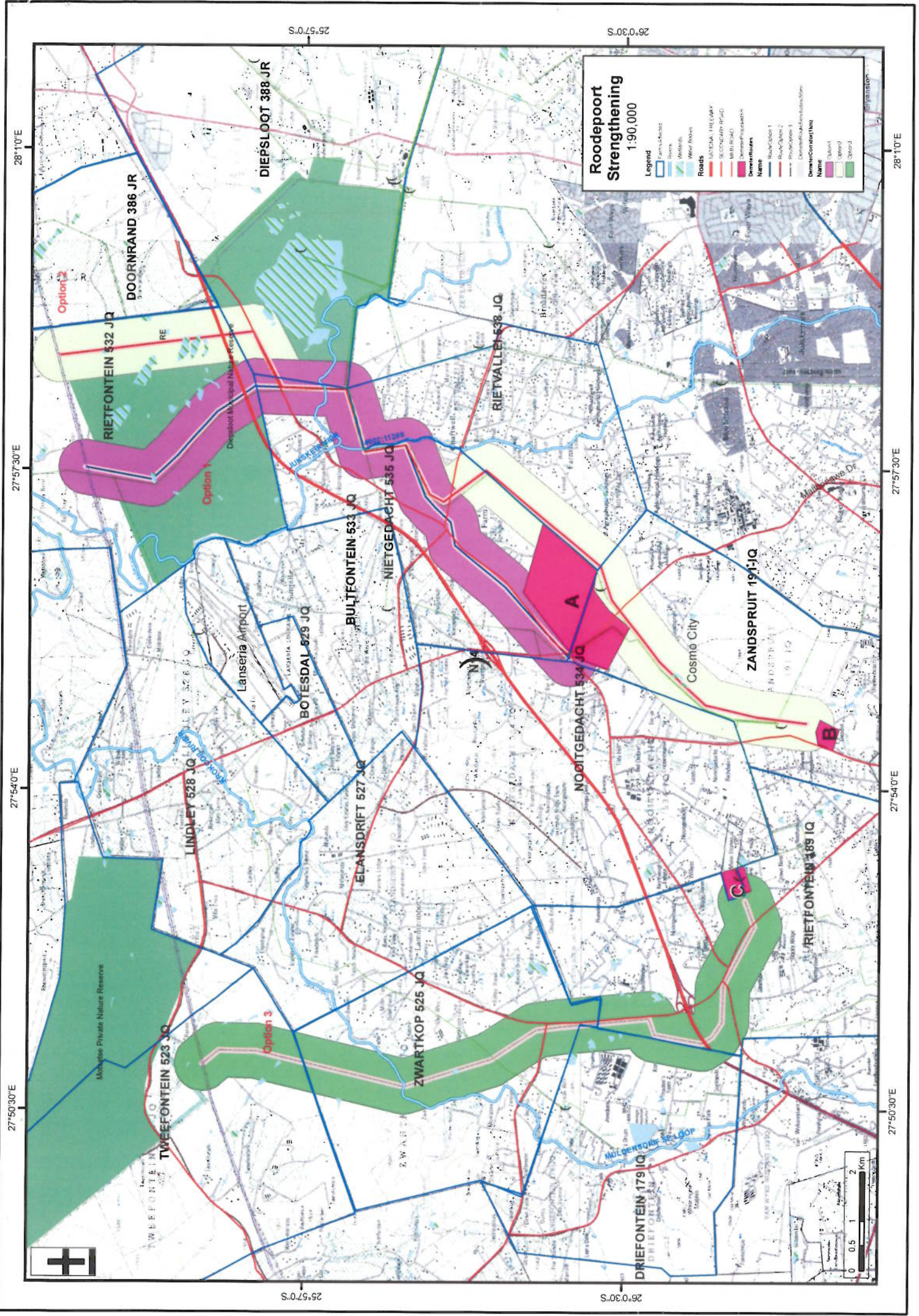
Eskom Holdings Ltd

Name of company (if applicable):

25/05/2011

Date:

⁴ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.



Roodepoort Strengthening

1:90,000

Legend	
▬	Future Roads
▬	Roads
▬	Drainage
▬	Water Bodies
▬	Water Storage
Roads	
▬	TERMINAL / TRUNKWAY
▬	SECONDARY ROAD
▬	MAIN ROAD
▬	Drainage/Provisional
Demarcations	
▬	Option 1
▬	Option 2
▬	Option 3
▬	Demarcation/Provisional/Option
Demarcation Code (Key)	
▬	Option 1
▬	Option 2
▬	Option 3



Map coordinates: 27°50'30"E to 28°10'E (Longitude) and 26°03'0"S to 26°07'0"S (Latitude).

Key locations and roads labeled on the map include: TWEEFONTEIN 523 JQ, LINDLEY 528 JQ, BOTESDAL 529 JQ, ELANSDRIFT 527 JQ, ZWARTKOP 525 JQ, BULFONTEIN 533 JQ, NIETGEDACHT 535 JQ, RIETVALLEN 538 JQ, NOOITGEDACHT 534 JQ, RIETFONTEIN 532 JQ, DOORNRAND 386 JR, DIEPSLOOT 388 JR, RIETFONTEIN 389 IQ, DRIEFONTEIN 179 IQ, ZANDSPRUIT 191 IQ, and COSMO CITY.

Options 1, 2, and 3 are highlighted in green, purple, and yellow respectively, showing different road strengthening paths through the city.