



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

File Reference Number:	(For official use only)
NEAS Reference Number:	DEA/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2014 (the Regulations)

PROJECT TITLE

Proposed construction of the new Eskom Rethabiseng North 132/11 kV Substation and Associated Loop-in and Loop-out Powerlines, in Ekangala, within the City of Tshwane Metropolitan Municipality (Gauteng Province) or the Thembisile Hani Local Municipality (Mpumalanga Province).

Indicate if the **DRAFT** report accompanies the application

Yes

No

Kindly note that:

1. This application form is current as of 1 April 2016. 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. The use of the phrase "not applicable" in the form must be done with circumspection.
5. This application must be handed in at the offices of the National Department of Environmental Affairs where the Minister is the competent authority in respect of the application.
6. No faxed or e-mailed applications will be accepted. An electronic copy (in the form of a CD) of the signed application form must be submitted together with two hardcopies (one of which must contain the original signatures).
7. Unless protected by law, all information filled in on this application form may become public information on receipt by the competent authority.
8. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report and declaration of interest of the specialist must also be submitted.
9. Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for consideration and processing of applications for environmental authorisations and amendments thereto Government Notice No.141, published on 28 February 2014) is applicable AND such information in section 1 of this application form has been confirmed by this Department.

Departmental Details

The application must be addressed to the Chief Directorate: Integrated Environmental Authorisations at:

Postal address:

Department of Environmental Affairs
Attention: Director: Integrated Environmental Authorisations
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Attention: Director: Integrated Environmental Authorisations
Environment House
473 Steve Biko Road
Arcadia
Pretoria

Queries must be addressed to the contact below:

E-mail: EIAAdmin@environment.gov.za

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

View the Department's website at <http://www.environment.gov.za/> for the latest version of the documents.

PROOF OF PAYMENT

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof and a motivation for exclusions must be attached to this application form in **Appendix 1**.

Proof of payment attached as **Appendix 1**
 Exclusion applies

An applicant is excluded from paying fees if:

The activity is a community based project funded by a government grant; or
 The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	
The applicant is an organ of state	✓

FEE AMOUNT	Fee
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000

Department of Environmental Affairs' details for the payment of application fees:

Payment Enquiries: Tel: 012 399 9119 Email: eiafee@environment.gov.za Banking details: ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account Reference number : Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude eg. -33.918861/18.423300 Proof of payment must accompany the application form: Indicate reference number below. Tax exemption status: Status: Tax exempted Reference number:
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1.

2. PROJECT DESCRIPTION

Please provide a **detailed** description of the project.

Title: Proposed construction of the new Eskom Rethabiseng North 132/11 kV Substation and Associated Loop-in and Loop-out Powerlines, in Ekangala, within the City of Tshwane Metropolitan Municipality (Gauteng Province) or the Thembisile Hani Local Municipality (Mpumalanga Province).

Description: Eskom Distribution Gauteng Operating Unit are proposing the construction of a new Distribution Substation and associated loop-in and loop-out lines to be situated in Ekangala, within the City of Tshwane Metropolitan Municipality or the Thembisile Hani Local Municipality, in the Gauteng and Mpumalanga Provinces (the border of the two Provinces splits the 3 site alternatives). The proposed new Substation will have a footprint of 1.5 Hectares and will be known as the Rethabiseng North 132/11kV 2x20MVA Substation, and will have four fully equipped 11kV feeder bays for feeder splitting. Two powerlines are proposed which will tie in and out of the proposed new Substation. Details of the proposed lines are provided below:

- The Rethabiseng-Rethabiseng North loop-in line which will be approximately 0.2km in length, and will have a servitude width of 28m. This line will be a 132kV Kingbird line which will tie into the existing Rethabiseng-Gembok line; and
- The Rethabiseng North -Gembok loop-out line which will be approximately 0.2km in length and will have a servitude width of 28m. This line will be a 132kV Kingbird line which will tie into the existing Rethabiseng-Gembok line.

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES	NO ✓
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If YES, please indicate which SIPs are applicable in **Appendix 2**. You are also required to provide confirmation of SIP applications from the relevant sector representative which must be attached in **Appendix 2**

Is the project subject to the Integrated Resource Plan 2010 – 2030 (IRP) bidding process?	YES	NO ✓
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Please indicate which sector the project falls under by crossing out the relevant block in the table below:

Table 1

Green economy + "Green" and energy-saving industries		Greenfield transformation to urban or industrial form (including mining)	
Infrastructure – electricity (generation, transmission & distribution)	✓	Biodiversity or sensitive area related activities	
Oil and gas		Mining value chain	
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments	
Nuclear		Boat building	
Basic services (local government) – electricity and electrification	✓	Manufacturing – automotive products and components, and medium and heavy commercial vehicles	
Basic services (local government) – area lighting		Manufacturing – plastics, pharmaceuticals and chemicals	
Infrastructure – transport (ports, rail and road)		Manufacturing – clothing textiles, footwear and leather	

Basic services (local government access roads)	Forestry, paper, pulp and furniture	
Basic services (local government) – public transport	Business process servicing	
Infrastructure – water (bulk and reticulation)	Advanced materials	
Basic services (local government) – sanitation	Aerospace	
Basic services (local government) – waste management	Basic services (local government) – education	
Basic services (local government) water	Basic services (local government) – health	
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)	Basic services (local government) - housing	
Infrastructure – information and communication technology	Basic services (local government) security of tenure	
Tourism + strengthening linkages between cultural industries and tourism	Other	
Basic services (local government) – public open spaces and recreational facilities		

Table 2

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g. a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity.	YES	NO ✓
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:		
Not Applicable		

3. GENERAL INFORMATION

Applicant name:	Eskom Holdings SOC Limited Land Development Department: Distribution Gauteng		
Registration number (if applicant is a company):	2002/015527/06		
Trading name (if any):	Eskom Holdings SOC Limited Land Development Department: Distribution Gauteng		
BBBEE status	Level 3		
Responsible person name (If the applicant is a company):	Charmaine Mare		
Applicant/ Responsible person ID number:	7707160036086		
Responsible position, e.g. Director, CEO, etc.:	Environmental and Quality officer		
Physical address:	Menlyn 4 Level, Gobie Street, Extension 1, Newlands 0081		
Postal address:	PO Box 36099 Menlo Park		
Postal code:	0102	Cell:	083 556 6257
Telephone:	012 484 5141	Fax:	086 667 3961
E-mail:	marecc@eskom.co.za		
Provincial Authority:	Gauteng Department of Agriculture and Rural Development		
Contact person:	Boniswa Belot		
Postal address:	P.O. Box 8769 Johannesburg		

Postal code:	2000	Cell:	
Telephone:	011 240 3377	Fax:	
E-mail:	boniswa.belot@gauteng.gov.za		

Local municipality:	City of Tshwane		
Contact person:	Ms Ridzani Mukheli		
	Environmental Management Division: Open Space Management System		
Postal address:	Private Bag X1454 Pretoria 0001		
Postal code:	0001	Cell:	
Telephone:	012 358 8731	Fax:	012 358 8750
E-mail:	ridzanim@tshwane.gov.za		

A list of Local Municipalities and Provincial Authorities is attached to Appendix 3 of this Application.

In instances where there is more than one local authority involved, please attach a list of those local authorities with their contact details as **Appendix 3**.

Site Alternative 1 and 2 – Landowner

Landowner:	Mpumalanga Department of Rural Development and Land Reform		
Contact person:	Ms Nokuthula Motha		
Postal address:	Private Bag X7201 Witbank		
Postal code:	1035	Cell:	072-716-8124
Telephone:	013 656 0848	Fax:	013 656 0375
E-mail:	nokuthula.motha@drdlr.gov.za		

Site Alternative 3 – Landowner

Landowner:	Gauteng Department of Rural Development and Land Reform		
Contact person:	Mr Colin Cloete / Mr Andani Makhado		
Postal address:	Gauteng Provincial Shared Service Centre P/B X9 Hatfield PRETORIA		
Postal code:	0028	Cell:	071 481 1214 (Andani)
Telephone:	012 432 4252	Fax:	012 432 4205
E-mail:	Colin.Cloete@drdlr.gov.za / andani.makhado@drdlr.gov.za		

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 4**. Unless the application is in respect of linear activities or strategic integrated projects as contemplated in the Infrastructure Development Act, 2014, **written consent** of landowner/s must be submitted in **Appendix 4**.

Identified Competent Authority to consider the application:	Department of Environmental Affairs
Reason(s) in terms of S24C of NEMA 1998 as amended:	<p>24C(2) – The Minister must be identified as the competent Authority in terms of subsection (1), unless otherwise agree to in terms of Section 24C(3), if the activity –</p> <ul style="list-style-type: none"> • (d)(3) – Is undertaken, or is to be undertaken, by – (iii) – A statutory body, excluding any municipality, performing an exclusive competence of the national sphere of government.

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP company name:	JG Afrika (Pty) Ltd			
B-BBEE	Contribution level (indicate 1 to 8 or non compliant)	3	Percentage Procurement recognition	137.5%
Professional affiliation/registration:	South African Council for Natural Scientific Professions (SACNASP); PrSciNat: Registration Number 4000/11/00 Environmental Science & Geological Science. South African Institute of for Engineering and Environmental Geologists (SAIEG) International Association of Impact Assessment (IAIA).			
Contact person:	Mrs Cecilia Canahai			
Company:	JG Afrika (Pty) Ltd			
Physical address:	Unit 37, Sunninghill Office Park, Peltier Drive, Sunninghill			
Postal address:	PO Box 1109, Sunninghill			
Postal code:	2157	Cell:	083 4698303	
Telephone:	011 231 2200	Fax:	011 807 1607	
E-mail:	canahaic@jgafrika.com			

The appointed EAP must meet the requirements of Regulation 13 of GN R.982, dated December 2014. The declaration of independence of the EAP and undertaking under oath or affirmation that all the information submitted or to be submitted for the purposes of the application is true and correct must be submitted as **Appendix 9**.

5. SITE DESCRIPTION

Provide a detailed description of the site involved in the application.

Site Alternative 1 and 2 – Landowner

Province	Mpumalanga Province
District Municipality	Nkangala District Municipality
Local Municipality	Thembisile Hani Local Municipality
Ward number(s)	Ward 32
Nearest town(s)	Bronkhorstspuit
Farm name(s) and number(s)	Farm Rietfontein 470 JR (T0JR00000000047000005)
Portion number(s)	Portion 5

Site Alternative 3 – Landowner

Province	Gauteng Province
District Municipality	
Local Municipality	City of Tshwane Metropolitan Municipality
Ward number(s)	Ward 104
Nearest town(s)	Bronkhorstspuit
Farm name(s) and number(s)	Farm Ekangala 610 JR (T0JR00000000061000000)
Portion number(s)	Remaining Extent

Surveyor General 21 digit code

(If there are more than 4, please attach a list with the rest of the codes as **Appendix 5**. Where the 21 digit SGID and farm name are not available, the coordinates of the boundary of the property or properties must be provided in **Appendix 5**.)

T	0	J	R	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	0	5
T	0	J	R	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	0	0

1	2	3	4	5	
Are there any other applications for Environmental Authorisation on the same property?				YES	NO ✓
If YES, please indicate the following:					
Competent Authority					
Reference Number					
Project Name					
Please provide details of the steps taken to ascertain this information: The landowners did not indicate that any other applications are underway on site, and also did not raise any concerns that the proposed project will interfere with any future proposed development.					

6. ACTIVITIES TO BE AUTHORISED

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

Detailed description of listed activities associated with the project	
Listed activity as described in GN R 983, 984 and 985	Description of project activity that triggers listed activity
<i>e.g. GN R.983 Item XX(x): The development of bridge exceeding 100 square metres in size within a watercourse</i>	<i>e.g. A bridge measuring 110 square metres will be constructed within the watercourse</i>
<u>GN R 983 – Activity 11</u> The development of facilities or infrastructure for the transmission and distribution of electricity – <ul style="list-style-type: none"> • Outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts; or • Inside urban areas or industrial complexes with a capacity of 275 kilovolts or more. 	This project involves the construction of a new 132/11kV Substation and associated 132/11kV loop-in and loop-out powerlines outside urban areas.
<u>GN R 983 – Activity 27</u> The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for – <ul style="list-style-type: none"> • The undertaking of a linear activity; or • Maintenance purposes undertaken in accordance with a maintenance management plan. 	This activity may be triggered as over 1 hectare of vegetation may be cleared during construction of the proposed Substation.

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Co-ordinate points indicating the location of each listed activity must be provided with the relevant report (i.e. either BAR or EIR).

Please provide a project map indicating any sensitive areas (e.g. critical biodiversity area, World Heritage Site, etc.) overlaid by the study area in **Appendix 6**.

A project schedule, indicating the different phases and timelines of the project, must be attached as **Appendix 7**.

7. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of GN R .982, dated December 2014.

A Public Participation Process in line with Regulation 41 of the Environmental Impact Assessment Regulations of 2014 was/will be undertaken. This process will include amongst others:

- Placement of Site Notices/Notice board at a place conspicuous to and accessible by the public at the boundary, on the fence or along the corridor of the site where the activity will take place as well as all alternative sites, if applicable;
- Giving written notice to:
 - The occupiers of the site and alternative sites, if applicable, if the proponent or applicant is not the owner of the site;
 - The owners, occupiers or persons in control of land adjacent to the study site and all alternative sites, if applicable;
 - The municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;
 - The municipality which has jurisdiction in the area;
 - Any organ of state having jurisdiction in respect of any aspect of the activity. Organs of state will include amongst others:
 - The Department of Water and Sanitation;
 - The South African Heritage Resources Association;
 - The Department of Economic Development Environment & Tourism;
 - The Gauteng Department of Agriculture and Rural Development;
 - The Department of Agriculture, Forestry and Fisheries.
 - Any other party as required by the competent authority;
- Placing of an advertisement in a Local Newspaper;
- Using reasonable alternative methods, as agreed to by the competent authority, in those instances where a person is desiring of but unable to participate in the process due to:
 - i. Illiteracy;
 - ii. Disability; or
 - iii. Any other disadvantage.

A Landowner and Public Meeting will be held, should this be required, during which the local community can obtain more information on the project and have their issues and concerns addressed by members of the project team.

The Draft Basic Assessment Report will be made available for Public and Commentary Authority review of a 30 day review period.

All comments made by the Public and Commentary Authorities will be incorporated in to the Final Basic Assessment Report which will be submitted to DEA along with the Basic Assessment Application Form for review and decision making.

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMA's				
National Environmental Management: Air Quality Act	YES	NO ✓	YES	NO
National Environmental Management: Biodiversity Act	YES	NO ✓	YES	NO

National Environmental Management: Integrated Coastal Management Act	YES	NO ✓	YES	NO
National Environmental Management: Protected Areas Act	YES	NO ✓	YES	NO
National Environmental Management: Waste Act	YES	NO ✓	YES	NO
National legislation				
Mineral Petroleum Development Resources Act	YES	NO ✓	YES	NO
National Water Act	YES	NO ✓	YES	NO
National Heritage Resources Act	YES	NO ✓	YES	NO
Others: Please specify	YES	NO	YES	NO

If authorisation is necessary in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**.

Note that in terms of sections 7B and 7C of the National Environmental Management: Integrated Coastal Management Act, 2008 (Act No. 24 of 2008) ICMA, a pre-approval for a reclamation application in terms of the ICMA should first be issued by the Minister prior to the submission of a NEMA Chapter 5 EA application to the NEMA competent authority (CA).

9. LIST OF APPENDICES

		SUBMITTED	
		YES	NO
Appendix 1	Proof of Payment		
Appendix 2	Strategic Infrastructure Projects	YES	N/A ✓
Appendix 3	List of Local Municipalities (with contact details)	YES ✓	N/A
Appendix 4	List of land owners (with contact details) and written consent of land owners.	YES ✓	NO
Appendix 5	List of SGIDs	YES	N/A ✓
Appendix 6	Project map	YES ✓	NO
Appendix 7	Project schedule	YES ✓	N/A
Appendix 8	Declaration of Applicant	YES ✓	NO
Appendix 9	Declaration of EAP and undertaking under oath or affirmation	YES ✓	NO

APPENDIX 1
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION

Motivation for Exclusion:

Eskom is a Parastatal / Statutory body, and therefore the Application Fee is not Applicable.

**APPENDIX 2
STRATEGIC INFRASTRUCTURE PROJECTS**

<p>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</p> <ul style="list-style-type: none"> • Unlock mineral resources • Rail, water pipelines, energy generation and transmission infrastructure • Thousands of direct jobs across the areas unlocked • Urban development in Waterberg - first major post-apartheid new urban centre will be a “green” development project • Rail capacity to Mpumalanga and Richards Bay • Shift from road to rail in Mpumalanga • Logistics corridor to connect Mpumalanga and Gauteng.
<p>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</p> <ul style="list-style-type: none"> • Strengthen the logistics and transport corridor between SA's main industrial hubs • Improve access to Durban's export and import facilities • Integrate Free State Industrial Strategy activities into the corridor • New port in Durban • Aerotropolis around OR Tambo International Airport.
<p>SIP 3: South-Eastern node & corridor development</p> <ul style="list-style-type: none"> • New dam at Mzimvubu with irrigation systems • N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains • Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape • A manganese sinter (Northern Cape) and smelter (Eastern Cape) • Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector.
<p>SIP 4: Unlocking the economic opportunities in North West Province</p> <ul style="list-style-type: none"> • Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure • Enabling reliable supply and basic service delivery • Facilitate development of mining, agricultural activities and tourism opportunities • Open up beneficiation opportunities in North West Province.
<p>SIP 5: Saldanha-Northern Cape development corridor</p> <ul style="list-style-type: none"> • Integrated rail and port expansion • Back-of-port industrial capacity (including an IDZ) • Strengthening maritime support capacity for oil and gas along African West Coast • Expansion of iron ore mining production and beneficiation.
<p>SIP 6: Integrated municipal infrastructure project</p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>
<p>SIP 7: Integrated urban space and public transport programme</p> <p>Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>
<p>SIP 8: Green energy in support of the South African economy</p> <p>Support sustainable green energy initiatives on a national scale through a diverse range of clean</p>

energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.

Indicate capacity in MW:

SIP 9: Electricity generation to support socioeconomic development

Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.

Indicate capacity in MW:

SIP 10: Electricity transmission and distribution for all

Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development.

Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.

SIP 11: Agri-logistics and rural infrastructure

Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.

SIP 12: Revitalisation of public hospitals and other health facilities

Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.

SIP 13: National school build programme

A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.

SIP 14: Higher education infrastructure

Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.

SIP 15: Expanding access to communication technology

Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas.

While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity.

The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.

SIP 16: SKA & Meerkat

SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.

SIP 17: Regional integration for African cooperation and development

Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.

The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term.

All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.

SIP 18: Water and sanitation infrastructure

A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.

The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.

**APPENDIX 3 (IF APPLICABLE)
LIST OF LOCAL MUNICIPALITIES**

Affiliation/Department	Contact Person	Address
City of Tshwane	Ms Ridzani Mukheli Environmental Management Division: Open Space Management System Tel: 012 358 8731 / 012 358 8714 E-mail: ridzanim@tshwane.gov.za	Private Bag X1454 Pretoria 0001 Old Mercedes Building 4th Floor 11 Schoeman Street Pretoria 0001
Thembisile Hani Local	Ms Aminah Aphone Municipality: Waste Management and Environment Tel: 013 986 9100 E-mail: aphanea@thembisilehanilm.gov.za	Stand No. 24 Front opposite Kwaggafontein Police Station Along the R573 (Moloto Road) MPUMALANGA 0458

LIST OF PROVINCIAL AUTHORITIES

Affiliation/Department	Contact Person	Address
Gauteng Department of Agriculture and Rural Development	Boniswa Belot Tel: 011 240 3377 Email: boniswa.belot@gauteng.gov.za	P.O. Box 8769 Johannesburg 2000
Mpumalanga Department of Economic Development Environment and Tourism	Charity Mthimunye Tel: 013 692 6300 Email: cnmthimunye@mpg.gov.za	Midland Centre Cnr Rosemead & Ryan Street Klipfontein eMalahleni 1035

**APPENDIX 4
LIST OF LAND OWNERS
WRITTEN CONSENT OF LAND OWNERS**

LIST OF LANDOWNERS

Proposed construction of the new Eskom Rethabiseng North 132/11 kV Substation and Associated Loop-in and Loop-out Powerlines, in Ekangala, within the City of Tshwane Metropolitan Municipality (Gauteng Province) or the Thembisile Hani Local Municipality (Mpumalanga Province).

(DEA Reference: 14/12/16/3/3/1/162)

Title, Name and Surname	Affiliation/ key stakeholder status	Contact details	Address
Mr Colin Cloete	Gauteng Department of Rural Development and Land Reform. The Remaining Extent of the Farm Ekangala 610 JR belongs to Government, and Mr Cloete is the landowner representative.	E-mail: Colin.Cloete@drdlr.gov.za Tel: 012 432 4252 Fax: 012 432 4205	Sancadia Building 7 th Floor, Office 743 Corner Stanza Bopabe and Hamilton Streets Arcadia Pretoria
Mr Andani Makhado	Gauteng Department of Rural Development and Land Reform. The Remaining Extent of the Farm Ekangala 610 JR belongs to Government, and Mr Makhado is a landowner representative.	E-mail: andani.makhado@drdlr.gov.za Cell: 071 481 1214	
Ms Nokuthula Motha	Portion 5 of the Farm Rietfontein 470 JR belongs to Government, and Ms Motha is the landowners representative.	E-mail: nokuthula.motha@drdlr.gov.za Cell: 072-716-8124	23 Corner Rhodes and Botha Streets Hi-Tech House Witbank 1035
Mr Philemon Mavimbela	Mr Mavimbela rents a portion of Portion 5 of the Farm Rietfontein 470 JR from the Mpumalanga DRDLR.	082 552 3083 082 952 8642	



rural development
& land reform

Department:
Rural Development & Land Reform
REPUBLIC OF SOUTH AFRICA

Provincial Shared Services Centre; Gauteng Cnr Stanza Bopape and Steve Biko Streets,
Private Bag X 9, HATFIELD, 0028

Enquiries : A Makhado
Ref :

Ms. Sonja van der Merwe
Jeffares & Green (Pty) Ltd
37 Sunninghill Office Park
P.O. Box 1109
Sunninghill
2157

Dear Ms. Sonja van der Merwe

RE: CONSENT LETTER FOR PRELIMINARY INVESTIGATION FOR THE CONSTRUCTION OF THE PROPOSED NEW ESKOM RETHABISENG NORTH 132/11 KV SUBSTATION AND LOOP-IN AND LOOP-OUT POWERLINE, ON THE REMAINING EXTENT OF THE FARM EKANGALA 610 JR.

Your e-mail dated 11 November 2015, regarding the site investigation of the abovementioned property has reference.

Consent is hereby granted for the preliminary site investigation on the Remaining Extent of the farm Ekangala 610 JR, for the construction of proposed new Eskom Rethabiseng North 132/11 KV Substation and Loop-in and Loop-out powerline.

If the abovementioned property is found suitable for the proposed development, you will be required to submit a formal application letter to the Department of Rural Development and Land Reform: Gauteng, PSSC.

For further enquiries please contact Mr Andani Makhado on 0714811214.

Yours faithfully


MR CR CLOETE
DEPUTY DIRECTOR: PROPERTY HOLDINGS AND DISPOSALS

DATE: 18/12/15

Sonja van der Merwe

From: Andani Makhado <andani.makhado@drdlr.gov.za>
Sent: 23 December 2015 07:35
To: Sonja van der Merwe
Subject: RE: Request from the DRDLR to visit the Rethabiseng Sites
Attachments: ESKOM RESPOND.pdf

Morning!

Kindly find the attached for your attention

Regards,

From: Sonja van der Merwe [mailto:vanderMerweS@jgi.co.za]
Sent: 11 December 2015 10:22 AM
To: KhupanM@eskom.co.za; Ziyanda Maqubela
Cc: Nokuthula Motha; Andani Makhado; Cecilia Canahai
Subject: Request from the DRDLR to visit the Rethabiseng Sites

Dear Moitheri,

I have just received a phone call from Nokuthula from the DRDLR Mpumalanga. She wants to go and visit the Rethabiseng sites on Thursday, 17 December 2015 to see where the substation proposed substation locations are. She mentioned that there is some community farming activities undertaken/planned and she must investigate how these will be impacted.

Could you kindly please liaised with Nokuthula regarding her request? This forms part of Eskom's landowner consultation process. Her contact number is 072-716-8124.

Kind Regards,

Sonja van der Merwe
SENIOR ENVIRONMENTAL SCIENTIST

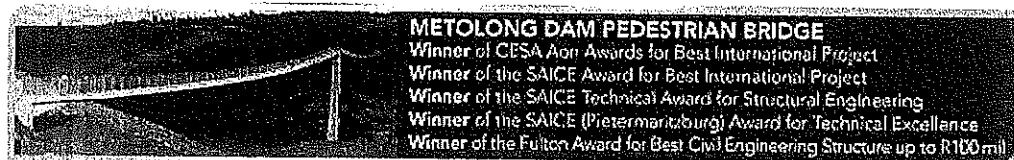
Jeffares & Green (Pty) Ltd
ENGINEERING & ENVIRONMENTAL CONSULTING

Tel: +27 11 231 2200 | Fax: +27 11 807 1607

Email: vandermerwes@jgi.co.za | Web: www.jgi.co.za

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P.O. Box 1109, Sunninghill, Johannesburg, Gauteng, 2157, South Africa

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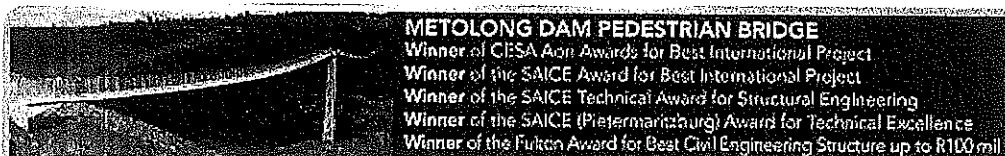
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Sonja van der Merwe

From: Moitheri Khupane <KhupanM@eskom.co.za>
Sent: 26 January 2016 14:43
To: Sonja van der Merwe; Ziyanda Maqubela
Cc: Cecilia Canahai; nokuthula.motha@drdlr.gov.za
Subject: RE: Eskom Rethabiseng Project

Good Afternoon Sonja,

I followed up with Nokuthula last week and she told me she has to make an appointment with the lessee of the property in order to check if they might have any objections on our chosen site. However I have spoken to her again today telephonically and she informed me that the meeting has not taken place with the lessee and she cannot give a definite date of when this will be done.

Regards

From: Sonja van der Merwe [mailto:vanderMerweS@jgi.co.za]
Sent: 20 January 2016 10:50 AM
To: Moitheri Khupane; Ziyanda Maqubela
Cc: Cecilia Canahai
Subject: Eskom Rethabiseng Project

Hi Moitheri,

I have tried contacting you, but I cannot get hold of you. Hope that you are well.

I wanted to obtain some feedback regarding your liaison with Nokuthula from the Mpumalanga drdlr. The Gauteng drdlr gave their writtend consent.

I have chatted to Ziyanda, and she mentioned that Nokuthula mentioned that a meeting must be held with the parties that are leasing the affected property.

May I commence with Public Participation, or do you first want to meet with the above parties?

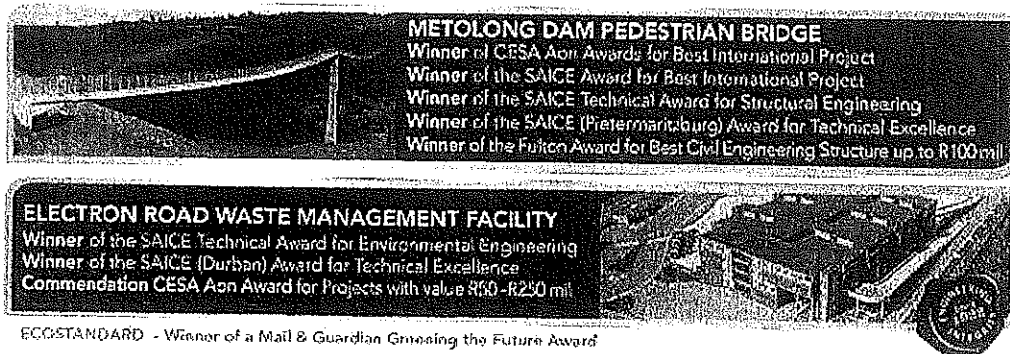
The Geotechnical Assessment cannot commence before we have landowner consent. The Geotech guys needs permission to dig trial pits on site. The Social Impact Assessment can only commence once we have commenced with the Public Participation Phase.

Regards,

Sonja van der Merwe
SENIOR ENVIRONMENTAL SCIENTIST

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Kind Regards,

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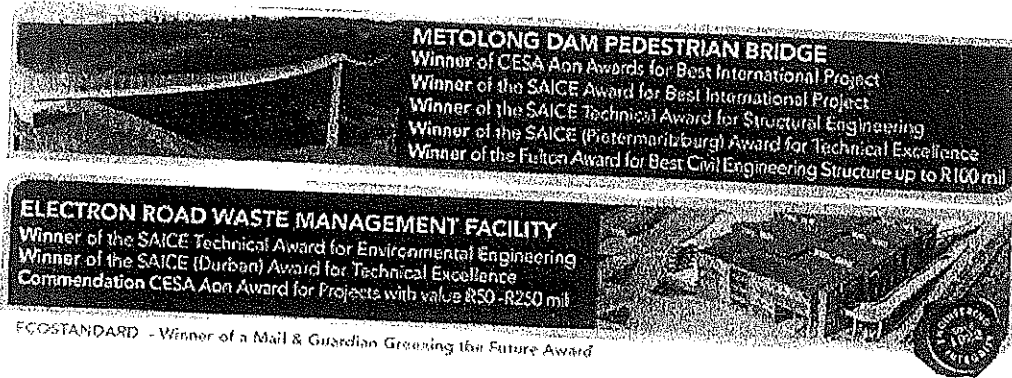
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<http://www.49Million.co.za>

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From: Sonja van der Merwe

Sent: 11 November 2015 11:44 AM

To: Colin.Cloete@drdlr.gov.za

Subject: Proposed new Eskom Substation & Lines on Government Property

Dear Mr Colin Cloete,

RE: PROPOSED CONSTRUCTION OF THE NEW ESKOM RETHABISENG NORTH 132/11 KV SUBSTATION AND ASSOCIATED LOOP-IN AND LOOP-OUT POWERLINES, IN THE EKANGALA AREA, GAUTENG PROVINCE

Eskom Distribution Gauteng Operating Unit are proposing the construction of a new Distribution Substation and associated loop-in and loop-out lines to be situated in Ekangala, Gauteng Province. Three substation site alternatives have been selected by Eskom which will be investigated. The properties on which these alternatives are located are registered in the name of the National Government of South Africa. Deeds information for these two properties are attached. Some relevant maps area also attached.

We (Jeffares & Green (Pty) Ltd) were appointed by Eskom to undertake the Environmental Authorisation process for this proposed project. Before we commence with the Public Participation phase, we would first like to consult with relevant landowner contact person. Who should we liaise with regarding this matter?

Some project details are provided below:

The proposed new Substation will have a footprint of 1.5 Hectares and will be known as the Rethabiseng North 132/11kV 2x20MVA Substation, and will have four fully equipped 11kV feeder bays for feeder splitting. Two powerlines are proposed which will tie in and out of the proposed new substation. Details of the proposed lines are provided below:

- The Rethabiseng-Rethabiseng North loop-in line which will be approximately 0.2km in length, and will have a 56m wide Servitude. This line will be a 132kV Kingbird line which will tie into the existing Rethabiseng-Gemsbok line; and
- The Rethabiseng North -Gemsbok loop-out line which will be approximately 0.2km in length and will have a 56m wide Servitude. This line will be a 132kV Kingbird line which will tie into the existing Rethabiseng-Gemsbok line.

Three Site Alternatives will be investigated for this project. The alternative currently preferred by Eskom, and Alternative 1 are situated on Portion 5 of the Farm Rietfontein 470 JR (T0JR00000000047000005), situated within the Thembisile Local Municipality, within the Mpumalanga Province.

Site Alternatives 2 is situated on Remaining Extent of the Farm Ekangala 610 JR (T0JR00000000610000000), within the City of Tshwane Local Municipality with the Gauteng Province.

Centre coordinates of the three alternative substation sites are provided below:

Substation Site Alternative (Coordinates)		
Eskom's current preferred Site	25°39'13.00"S	28°43'5.98"E

Alternative		
Site Alternative 1	25°39'26.14"S	28°43'0.71"E
Site Alternative 2	25°39'33.62"S	28°43'10.10"E

Please contact me should you have any queries, or should you require any further information.

Kind Regards,

Sonja van der Merwe

Jeffares & Green (Pty) Ltd

SENIOR ENVIRONMENTAL SCIENTIST

ENGINEERING & ENVIRONMENTAL CONSULTING

Tel: +27 11 231 2200 | Fax: +27 11 807 1607

Email: sonjadermerwe@jgi.co.za | Web: www.jgi.co.za

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Sonja van der Merwe

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Sent: 11 November 2015 11:44
To: Colin.Cloete@drdlr.gov.za
Subject: Proposed new Eskom Substation & Lines on Government Property
Attachments: 470-5-JR.Pdf; Rem 610-JR.Pdf; Cadastral Map (Large).jpg; Locality Map (Large).jpg; Google Locality Map.jpg

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- The Rethabiseng-Rethabiseng North loop-in line which will be approximately 0.2km in length, and will have a 56m wide Servitude. This line will be a 132kV Kingbird line which will tie into the existing Rethabiseng-Gemsbok line; and
- The Rethabiseng North -Gemsbok loop-out line which will be approximately 0.2km in length and will have a 56m wide Servitude. This line will be a 132kV Kingbird line which will tie into the existing Rethabiseng-Gemsbok line.

Three Site Alternatives will be investigated for this project. The alternative currently preferred by Eskom, and Alternative 1 are situated on Portion 5 of the Farm Rietfontein 470 JR (TOJR00000000047000005), situated within the Thembisile Local Municipality, within the Mpumalanga Province.

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Sonja van der Merwe

From: Sonja van der Merwe
Sent: 03 December 2015 12:48
To: jacqueline.nkosi@drdlr.gov.za
Cc: max.dekock@drdlr.gov.za; Andani Makhado; Colin.Cloete@drdlr.gov.za
Subject: FW: Proposed new Eskom Substation & Lines on Government Property
Attachments: 470-5-JR.Pdf; Rem 610-JR.Pdf; Cadastral Map (Large).jpg; Locality Map (Large).jpg; Google Locality Map.jpg

Dear Jacqueline,
CC: Mr Max de Kock

RE: PROPOSED CONSTRUCTION OF THE NEW ESKOM RETHABISENG NORTH 132/11 KV SUBSTATION AND ASSOCIATED LOOP-IN AND LOOP-OUT POWERLINES, IN THE EKANGALA AREA, GAUTENG PROVINCE

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We (Jeffares & Green (Pty) Ltd) were appointed by Eskom to undertake the Environmental Authorisation process for this proposed project. Before we commence with the Public Participation phase, we would first like to consult with relevant landowner contact persons, to establish whether there are any other development planned for the properties earmarked for possible substation construction, or substation construction on one of these properties will be feasible.

Some project details are provided below:

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Sonja van der Merwe

From: Sonja van der Merwe
Sent: 11 December 2015 10:22
To: KhupanM@eskom.co.za; Ziyanda Maqubela
Cc: nokuthula.motha@drdlr.gov.za; andani.makhado@drdlr.gov.za; Cecilia Canahai
Subject: Request from the DRDLR to visit the Rethabiseng Sites

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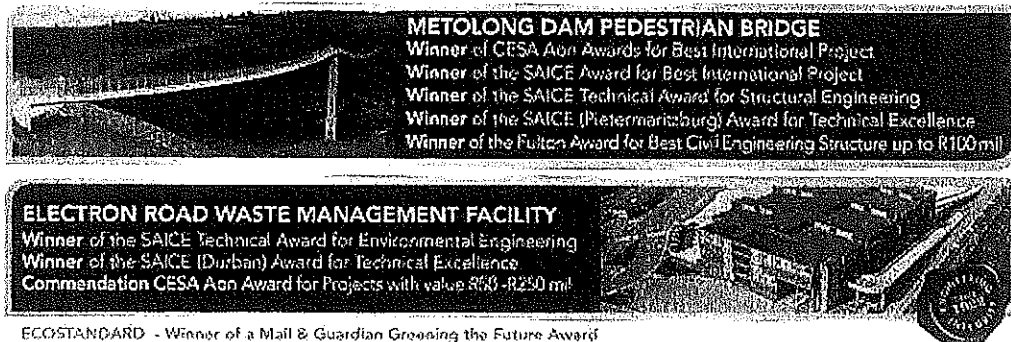
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Sonja van der Merwe

From: Sonja van der Merwe
Sent: 25 August 2016 11:26
To: Colin.Cloete@drdlr.gov.za; andani.makhado@drdlr.gov.za;
nokuthula.motha@drdlr.gov.za
Subject: Proposed Eskom Rethabiseng Project
Attachments: ESKOM RESPOND.pdf; DRDLR.pdf

Dear All,

RE: Public and Commentary Authority Review Period of the Draft Basic Assessment Report for the Proposed Construction of the new Eskom Rethabiseng North 132/11 kV Substation and Associated Loop-In and Loop-Out Powerlines, in the Ekangala area, Gauteng Province

Previous correspondence regarding the above project is attached to this e-mail.

Please take note that the Draft Basic Assessment Report for the above mentioned project will be available for Public and Commentary Authority review for a 30 day review period from Monday, 29 August 2016 until Thursday, 29 September 2016. An electronic copy of the full Report and Appendices will be submitted to you for review and comment.

Please contact me should you have any queries or should you require any further information.

Kind Regards,

Sonja van der Merwe
Senior Environmental Scientist



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