



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

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

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

The proposed development of 2 x 500MVA 400/132kV substation, approximately 100km Eskom Inyaninga – Mbewu 2 x 400kV powerline and associated infrastructure within the jurisdiction of eThekweni Metropolitan Municipality, iLembe and King Cetshwayo District Municipalities in KwaZulu-Natal Province.

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. 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.
5. This application must be handed in at the offices of the relevant competent authority as determined by the Act and Regulations.
6. No faxed or e-mailed applications will be accepted. An electronic copy 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 will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.

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:

Tel: 012 399 9372

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.

1. **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, 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	<input type="checkbox"/>
The applicant is an organ of state	<input checked="" type="checkbox"/>

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:

<p>Payment Enquiries: Tel: 012 399 9119 Email: eiafee@environment.gov.za</p> <p>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 E.g. -33.918861/18.423300</p> <p>Proof of payment must accompany the application form: Indicate reference number below.</p> <p>Tax exemption status: Status: Tax exempted</p> <p>Reference number:</p>

2. PROJECT DESCRIPTION

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

The eThekwini Electricity forms part of the Pinetown CLN (Customer Load Network) within the KwaZulu-Natal Operating unit (KZN OU). Currently, the eThekwini electricity network has four 275kV Transmission in-feeds from Georgedale, Hector, Ilovo and Avon substations to the substations listed below:

- Avon Substation supplies Ottawa and Durban North Substations;
- Georgedale and Hector Substations supply Klaarwater Substation;
- Ilovo Substation supplies Durban South and Lotus Park Substations; and
- Hector substation supplies Klaarwater substation

The load forecast shows load demand doubling in the geographical area supplied by Ottawa and Durban North Substations in the next 20 years. The area supplied by Klaarwater is expected to grow by 20% and the area supplied by Durban South and Lotus Park Substations is expected to grow by 30% over the same period. Consequently, Eskom proposes to build the new 2X500MVA 400/132kV Inyaninga substation and the Inyaninga - Mbewu 400kV powerline in order to cater for future electricity needs.

The fundamental aim of the proposed project is to develop the Inyaninga substation, 400kV powerline and associated infrastructures with the idea of providing and meeting the needs of present and future generations within the surrounding communities.

In summary, the proposed project will consist of the following activities and infrastructure:

- Construction of the proposed Inyaninga 2 x 500MVA 400/132kV substation within four proposed sites whereby one site with minimal environmental impacts will be considered;
- Construction of the proposed approximately 100km 400kV Inyaninga - Mbewu powerline into the planned Mbewu substation; and
- Associated infrastructure.

Three corridors are proposed for Inyaninga powerline and a corridor with minor impacts on the environment will be considered.

The study area required for the proposed substation is approximately 800m x 800m (i.e. 340 000m²) in extent, as such, the substation footprint will be anywhere within the study area. The proposed 400kV turn - in lines will be approximately 100km in length, however the final distance will be determined by the substation location.

The proposed project will traverse various villages and farms within the following municipalities.

District Municipality	Local Municipality	Ward Number
eThekwini Metropolitan Municipality	EThekwini	58, 60, 61 and 62
iLembe District Municipality	KwaDukuza	1, 3, 7, 9, 17, 21, 22, 25 and 27
	Mandeni	3, 4, 5, 6, 8, 9, 10, 11, 12, 16 and 17
	Maphumulo	7

	Ndwedwe	1, 2, 3, 4, 6, 7, 8, 10, 11 and 12
King Cetshwayo District Municipality	City of uMhlathuze	7, 10, 11, 24, 25 and 29
	Umlalazi	14, 15, 16, 17, 18, 19, 20, 21, 22, 23 and 24

The proposed project triggers the listed activities in terms of the EIA Regulations of December 2014 as amended which are described in Section 6 below. Therefore, Environmental Authorisation (EA) must be obtained in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the Environmental Impact Assessment Regulations of December 2014 as amended.

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**

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:		

3. GENERAL INFORMATION

Applicant name:	Eskom Holdings SOC Limited		
Registration number (if applicant is a company)	2002/015527/06		
Trading name (if any)	Eskom Holdings SOC Limited		
Responsible person name (If the applicant is a company):	Letsolathebe Archibold Mogokonyane		
Applicant/ Responsible person ID number:	ID Number		
Responsible position, e.g. Director, CEO, etc.:	Programme Manager		
Physical address:	Megawatt Park, Maxwell Drive, Sunninghill, Sandton		
Postal address:	P.O. Box 1091, Johannesburg		
Postal code:	2001	Cell:	082 466 6022
Telephone:	011 800 3778	Fax:	011 800 3917
E-mail:	mogokoA@eskom.co.za	BBBEE status	Level 4 Contributor

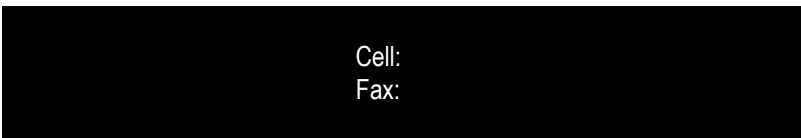
Provincial Authority:	Kwazulu-Natal Department of Economic Development, Tourism and Environmental Affairs		
Contact person:	Yugeshni Govender		
Postal address:	Private Bag X9152, Pietermaritzburg		
Postal code:	3201	Cell:	082 921 9340
Telephone:	031 366 7319	Fax:	
E-mail:	Yugeshni.govender@kzndedt.gov.za		

Local municipality	Refer to Appendix 3 for List of Municipalities.		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

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**.

Landowner:	See Appendix 3 for other local authorities
Contact person:	

Postal address:
 Postal code:
 Telephone:
 E-mail:



Cell:
 Fax:

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 4**. If the applicant is not the owner or person in control of the land, proof of notice to the landowner or person in control of the land on which the activity is to be undertaken must be submitted in **Appendix 4**.

Identified Competent Authority to consider the application:	National Department of Environmental Affairs
Reason(s) in terms of S 24C of NEMA 1998 as amended	Section 24C2 of NEMA 1998 – Eskom Holdings SOC Limited is a parastatal; therefore, the application must be lodged with the National Department of Environmental Affairs.

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP company name:	Nsovo Environmental Consulting			
B-BBEE	Contribution level (indicate 1 to 8 or non compliant)		Percentage Procurement recognition	100% Black women owned company
Professional affiliation/registration:	SACNASP			
Contact person:	Masala Mahumela			
Company:	Nsovo Environmental Consulting			
Physical address:	40 Lyncon, Carlswald, 1684			
Postal address:	Postnet Suite 697, P/Bag x29, Gallo Manor			
Postal code:	2052	Cell:	073 504 3122	
Telephone:	011 041 3689	Fax:	086 602 8821	
E-mail:	masala.mahumela@nsovo.co.za / admin@nsovo.co.za			

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.

Province	Refer to Appendix 4 for detailed description of the site involved.
District Municipality	
Local Municipality	
Ward number(s)	
Nearest town(s)	
Farm name(s) and number(s)	
Portion number(s)	

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**.)

Refer to Appendix 5 for list of SG 21 Digit Code(s)				

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:		

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
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
GN R. 984 Item 9: “The development of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex.”	The proposed project entails the construction of Eskom Inyaninga 2 × 500MVA 400/132kV substation. Further, 2x400KV powerlines will be erected outside urban areas.
GN R. 983 Item 12: “The development of– (ii) infrastructure or structures with a physical footprint of 100 square metres or more; Where such development occurs – (a) Within a watercourse”.	The proposed project entails the construction of Eskom Inyaninga 2x500MVA 400/132kV substation with a physical footprint of more than 100 square metres. Further, a proposed substation will occur within a watercourse. The proposed 15km 2x400kV powerlines will require 55m servitude each; it is therefore anticipated that some of these pylons may be developed within or in

	proximity to watercourses.
<p><u>GN R. 985 Item 3</u></p> <p><i>“The development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes, where the mast or tower-</i></p> <ul style="list-style-type: none"> <i>a) Is to be placed on a site not previously used for this purpose; and</i> <i>b) Will exceed 15m in height.</i> <p><u>d. KwaZulu-Natal</u></p> <ul style="list-style-type: none"> <i>vi) A protected area identified in terms of NEMPAA, excluding conservancies;</i> <i>viii) Critical Biodiversity areas as identified in systematic biodiversity plans adopted by competent authority or in bioregional plans”</i> 	<p>The proposed Inyaninga substation will require installation of a telecommunication mast of more than 15m that will be used for communication purposes. The mast will be placed on a site that was not previously used for this purpose in proximity to protected areas.</p>
<p><u>GN R. 985 Item 4:</u></p> <p><i>“The development of a road wider than 4 metres with a reserve less than 13, 5 metres.</i></p> <p><u>d. KwaZulu-Natal</u></p> <ul style="list-style-type: none"> <i>(vi). A protected area identified in terms of NEMPAA</i> <i>(vii). Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans</i> <i>(xii) Outside the urban areas;</i> <i>(aa) Areas within 10 kilometres from the national parks or world heritage sites or 5 kilometres from any terrestrial protected area identified in terms of NEMPAA or from the core areas of biosphere reserve”.</i> 	<p>The proposed project entails the construction of a substation, powerline and associated infrastructure. Further, additional access road wider than 4 metres with less than 13.5 meters will be constructed within a protected areas and CBA outside urban areas. Moreover, the road would be used during both construction and operations of the proposed substation and loop in and loop out power lines.</p>

<p><u>GN R. 985 Item 12:</u> <i>“The clearance of an area of 300 square meters or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purpose undertaken in accordance with a maintenance management plan</i></p> <p>d. Kwazulu-Natal <i>v. Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</i></p>	<p>The proposed corridors traverse Critical Biodiversity Areas (CBA); therefore, the project will require clearance of an area of 300 square meters or more of indigenous vegetation within CBA.</p>
<p><u>GN R. 985 Item 14:</u> <i>“The development of development –</i></p> <p><i>(ii) infrastructure or structures with a footprint of 10 square meters or more</i></p> <p><i>Where such development occurs-</i></p> <p><i>(a) Within a watercourse</i></p> <p><i>(c) If no development setback exists within 32 metres of a watercourse, measured from the edge of a watercourse”.</i></p> <p>d. Kwazulu-Natal <i>vii. Critical biodiversity areas or ecological support areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</i></p>	<p>The proposed project entails the development of a powerline with a footprint of more than 10 square meters within or in close proximity to watercourses.</p>

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.

Nsovo will ensure that the Public Participation Process (PPP) is in accordance with the requirements of NEMA EIA Regulations of December 2014 as amended in particular Regulation 41(2) of GN R.982. Further the PPP will be inclusive and transparent.

To ensure that the PPP is as inclusive and transparent as possible, it is being conducted in line with the requirements of Regulation 39 to 44 of the Regulation as follows:

- A2 size, laminated notices have been placed at conspicuous places at the proposed development site for a period of 30 days;
- Distribution of A4 notices in English to surrounding land owners / occupiers (limited to hand distribution within 100m of the boundary of the site);
- Distribution of A4 notification to the relevant Municipal Ward Councillors as well as any known rate payers or community based organisations;
- Distribution of A4 Notification to the relevant Municipality as well as any other obvious organ of state having jurisdiction regarding the proposed activity; and
- An advertisement has been placed in the legal section of the local newspaper.

As a result of the public notification, I&APs database has been opened and will be maintained throughout the process to record contact details of persons who have submitted written comments or responded to the notification and who have requested that they be registered as I&APs. All registered I&APs will be informed of the required process of involvement as defined by the EIA Regulations of December 2017 as amended.

As part of the PPP, the registered I&APs will be given an opportunity to comment on the draft Scoping Report and the application for a period of 30 days. All comments received from I&APs will be comprehensively addressed and submitted together with the final scoping report to the Department of Environmental Affairs.

The extensive database of stakeholders developed during the scoping process will be used as a basis to ensure that those stakeholders involved in the Scoping Phase also participate in the EIA phase. The database will also be expanded to include any further I&APs that wish to be involved in the process. Registered I&APs will be informed of the availability of the Draft EIA Report for review and will be given 30 days to provide their comments.

The comments received after the 30-day review period of the Draft EIA Report will be incorporated into an updated Issues and Response Report. Further public consultation will take place in the form of public meetings and focus group meetings as appropriate. The purpose of the Public Meetings would be to present the findings of the Draft EIA Report and to workshop the alternative sites with the relevant stakeholders and the affected landowners. Registered I&APs will be also be invited to this session. Nsovo will use this forum to provide more background information about the proposed development including the specialist input, and also to provide the stakeholders with the opportunity to further comment on the proposed development.

In the event that the comments reveal information that changes or influences the impact evaluation provided in the Draft EIA Report, the necessary updates will be made to the report. The Final EIA Report will be submitted to the relevant Authorities, subsequent to the second phase of public consultation and simultaneously made available for public review.

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
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				

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

9. LIST OF APPENDICES

		SUBMITTED	
Appendix 1	Proof of Payment	YES	NO ✓
Appendix 1	Strategic Infrastructure Projects	YES ✓	N/A
Appendix 2	List of Local Municipalities (with contact details)	YES ✓	NO
Appendix 3	List of land owners (with contact details) and proof of notification of land owners.	YES ✓	N/A
Appendix 4	List of SGIDs	YES ✓	N/A
Appendix 5	Project map	YES ✓	NO
Appendix 6	Project schedule	YES ✓	N/A
Appendix 7	Declaration of Applicant	YES ✓	NO

Appendix 9	Declaration of EAP	YES ✓	NO
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**APPENDIX 1
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION**

NOT APPLICABLE

APPENDIX 2

STRATEGIC INFRASTRUCTURE PROJECTS

SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst

- 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.

SIP 2: Durban-Free State-Gauteng logistics and industrial corridor

- 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.

SIP 3: South-Eastern node & corridor development

- 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.

SIP 4: Unlocking the economic opportunities in North West Province

- 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.

SIP 5: Saldanha-Northern Cape development corridor

- 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.

SIP 6: Integrated municipal infrastructure project

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.

SIP 7: Integrated urban space and public transport programme

Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by

<p>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 Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p> <p><i>Indicate capacity in MW:</i></p>	
<p>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.</p> <p><i>Indicate capacity in MW:</i></p>	
<p>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.</p>	✓
<p>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.</p>	
<p>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.</p>	
<p>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.</p>	
<p>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.</p>	
<p>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.</p>	

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
LIST OF LOCAL MUNICIPALITIES**

Below are the municipalities affected by the proposed development.

Local municipality	eThekweni Metropolitan Municipality		
Contact person:	Diane Van Rensburg		
Postal address:	Office G21, Ground Floor, City Engineers Building, 166 K.E. Masinga Road, Durban		
Postal code:	4001	Cell:	
Telephone:	031 311 7136	Fax:	
E-mail:	diane.vanrensburg@durban.gov.za		

The following local municipalities are under iLembe District Municipality. Nsovo Environmental Consulting contacted the local municipalities to obtain contact details and was informed that the iLembe District Municipality is responsible for commenting/administration of all EIAs within all the local municipalities in the District, as such communication must be sent to Masupha Mathenjwa who is based at the District municipality.

Local municipality	KwaDukuza Local Municipality		
Contact person:	Masupha Mathenjwa		
Postal address:	P.O. Box 1788, KwaDukuza		
Postal code:	4450	Cell:	082 2184 737
Telephone:	032 437 9415	Fax:	
E-mail:	Masupha.mathenjwa@ilembe.gov.za		

Local municipality	Mandeni Local Municipality		
Contact person:	Masupha Mathenjwa		
Postal address:	P.O. Box 1788, KwaDukuza		
Postal code:	4450	Cell:	082 2184 737
Telephone:	032 437 9415	Fax:	
E-mail:	Masupha.mathenjwa@ilembe.gov.za		

Local municipality	Maphumulo Local Municipality		
Contact person:	Masupha Mathenjwa		
Postal address:	P.O. Box 1788, KwaDukuza		
Postal code:	4450	Cell:	082 2184 737
Telephone:	032 437 9415	Fax:	
E-mail:	Masupha.mathenjwa@ilembe.gov.za		

Local municipality	Ndwedwe Local Municipality		
Contact person:	Masupha Mathenjwa		
Postal address:	P.O. Box 1788, KwaDukuza		
Postal code:	4450	Cell:	082 2184 737
Telephone:	032 437 9415	Fax:	
E-mail:	Masupha.mathenjwa@ilembe.gov.za		

The following local municipalities are under King Cetshwayo District Municipality. Nsovo Environmental Consulting contacted the local municipalities to obtain contact details and was informed that the King Cetshwayo District Municipality is responsible for commenting/administration of all EIAs within all the local municipalities in the District, as such communication must be sent to Londiwe Nxobo who is based at the District municipality.

Local municipality	City of uMhlathuze	
Contact person:	Londiwe Nxobo	
Postal address:	Private Bag X1025, Richards Bay	
Postal code:	3900	Cell: [REDACTED]
Telephone:	035 799 2684	Fax: [REDACTED]
E-mail:	nxobol@kingcetshawayo.gov.za	

Local municipality	uMlalazi Local Municipality	
Contact person:	Londiwe Nxobo	
Postal address:	Private Bag X1025, Richards Bay	
Postal code:	3900	Cell: [REDACTED]
Telephone:	035 799 2684	Fax: [REDACTED]
E-mail:	nxobol@kingcetshawayo.gov.za	

Local municipality	Ntambana Local Municipality	
Contact person:	Londiwe Nxobo	
Postal address:	Private Bag X1025, Richards Bay	
Postal code:	3900	Cell: [REDACTED]
Telephone:	035 799 2684	Fax: [REDACTED]
E-mail:	nxobol@kingcetshawayo.gov.za	

**APPENDIX 4
LIST OF LAND OWNERS
PROOF OF NOTIFICATION OF LAND OWNERS**

**APPENDIX 5
LIST OF SGIDS**

APPENDIX 6
PROJECT MAP

**APPENDIX 7
PROJECT SCHEDULE**

**APPENDIX 8
DECLARATION OF THE APPLICANT**

I, _____ declare that I -

- am, or represent¹, 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 practitioner²;
- 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 Regulations, 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 the Regulations and will take reasonable steps to verify that the EAP
 - know the Act and the regulations, and how they apply to the proposed development
 - know any applicable guidelines
 - perform the work objectively, even if the findings do not favour the applicant
 - disclose all information which is important to the application and the proposed development
 - have expertise in conducting environmental impact assessments
 - complies with 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 48 and is punishable in terms of section 24F of the Act.

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

² 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.

Signature³ of the applicant⁴/ Signature on behalf of the applicant:

Name of company (if applicable):

Date:

³ Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted.

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.

**APPENDIX 9
DECLARATION OF THE EAP**

I, **MUNYADZIWA RIKHOTSO**

General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 48 of the Regulations and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;

Signature of the environmental assessment practitioner:

NSOVO ENVIRONMENTAL CONSULTING

Name of company:

Date: