



• Upgrade 2 x Existing RSs

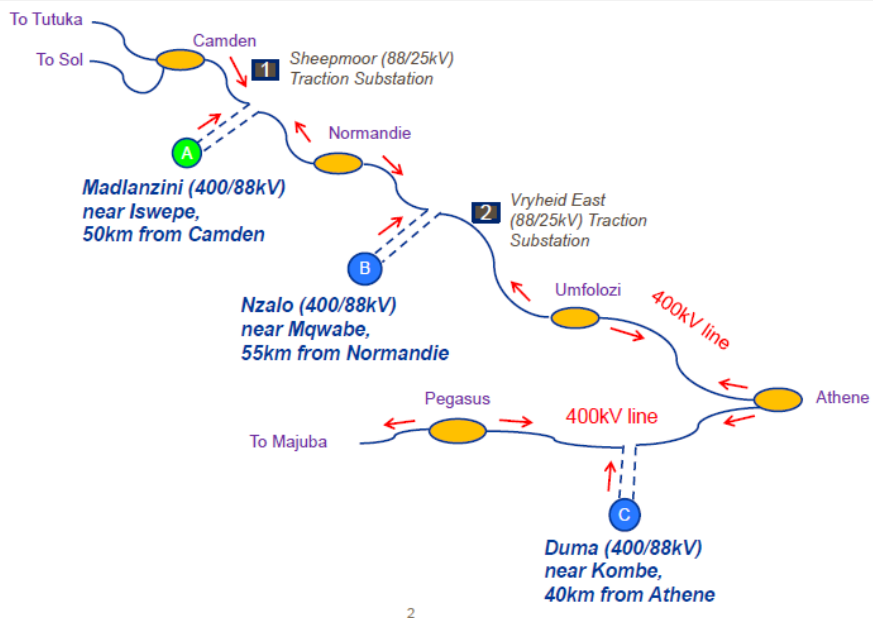


Figure 1: Transnet Project Overview

In order to address this request, various projects were proposed including the Construction of Nzalo and Duma 400kV Main Transmission Stations and the associated 88kV and 400kV Turn in Powerlines in Kwazulu Natal Province. Duma Substation (SS) which is positioned 28 27 19.92 S and 31 42 20.83 E, new substation to be built by Transmission in order to strengthen the TX grid so that Eskom can provide services to Transnet. Various sites were investigated surrounding Duma SS, upon further investigations and analysis and using a process of elimination four (4) greenfield sites were identified and two sites are required for the Duma Substation. The name of the Greenfield sites is yet to be decided upon and therefore for the purposes of this document and to make reference to these sites will be referred to as VGF1 & NGF2 and Greenfield 1A & Greenfield 3A. Therefore, the Duma Substation will connect to either VGF1 & NGF2 or to the Greenfield 1A & Greenfield 3A.

The proposed telecommunication mast would serve as voice, data as well as other telecommunications and ancillary services for Eskom staff and contractors. In order for Eskom to provide the necessary communication services for its infrastructures it is imperative that there are reliable and effective communications systems in place to provide the necessary services to the substation. Services like tele-protection, tele-control, switched voice, direct voice and hot lines as well as data services like Ethernet connectivity. Therefore, the Construction of the 2X Greenfield Sites Telecommunication Radio Tower is proposed in the Ulundi & Mthonjaneni Local Municipality in Kwazulu-Natal. The Masts will be approximately 65m and 70m (NGF2 and VGF1); and 80m (Greenfield 1A and Greenfield 3A) in height requiring a foot print of 30m X 30m.

**NB: The VGF1 & NGF2 pairs are the recommended sites for there Greenfield Towers therefore will be the subject of this application.**

3. EXTENT OF THE SITE:	<b>900m<sup>2</sup></b>	ha
EXTENT OF THE DEVELOPMENT AREA (m2): <b>900m<sup>2</sup> for each of the 2x proposed sites</b>		
<b>GPS CO-ORDINATES:</b> (Decimal format only)		
<b>NGF2:</b> SOUTH: -28.465675°	EAST: 31.558956°	
<b>VGF1:</b> SOUTH: -28.527263°	EAST: 31.638297°	
1:50 000 SHEET no:2831	1:10 000 SHEET no:2831 BC	
<b>B. PROPERTY DESCRIPTION:</b>		
Name of property:	Title Deed No.	

Reserve No 11 15831 GU	n/a
Erf/Lot/Farm No: Portion 3 & 4 Reserve No 11 15831 GU	GPS Co-ordinates <b>NGF2:</b> 28°27'56.43"S 31°33'32.24"E <b>VGf1:</b> 28°31'38.15"S; 31°38'17.87"E
Street Address:	
Local Municipality: Mthonjaneni Local Municipality	District Municipality: King Cetshwayo District of Kwazulu-Natal
Traditional Authority Area: Obuka Traditional Council	
Current zoning: Agricultural	Present use: Vacant

<b>C. DEVELOPMENT TYPE:</b>	
<b>1. DECISION REQUIRED IN TERMS OF SECTION s41(1)</b> (tick the appropriate box/boxes)	
Linear Development/Barrier exceeding 300m in length e.g. road, pipe/power line, trench, canal or wall	
Other similar form of linear development/barrier exceeding 300m in length	
Construction of a bridge or similar structure exceeding 50m in length	
Any development exceeding 5 000m <sup>2</sup> in extent or any other category of development provided for in regulations	
Any other activity which would change the character of an area of land or water exceeding 10 000m <sup>2</sup> in extent	
Any development involving three or more existing erven or sub-divisions thereof	
Any other activity involving three or more existing erven or sub-divisions thereof	
Any development or other activity involving three or more existing erven or sub-divisions thereof which have been consolidated within the past 5 years	
<b>Any development or other activity the costs of which will exceed a sum set out in the regulations</b>	<input checked="" type="checkbox"/>
Re-zoning of a site exceeding 10 000m <sup>2</sup>	
<b>2. DEVELOPMENTS THAT TRIGGER OTHER LEGISLATION (NEMA, ENVIRONMENTAL CONSERVATION ACT, MINERALS ACT, ETC)</b>	
<b>RESPONSE REQUIRED IN TERMS OF s41(8)</b> (tick the appropriate box/boxes)	
BID	<input checked="" type="checkbox"/>
EMP	
OTHER (describe)	

<b>D. IMPACT ON HERITAGE RESOURCES:</b>	
To your knowledge would the Development impact on any known heritage resources protected in terms of the KZN Amafa and Research Institute Act (5/2018), or is the development located in the vicinity of any of the above? If yes, the Heritage Practitioner must create a site on sahris pinpointing the position of the heritage resource/s discovered. (tick the appropriate box/boxes below)	
s37 - Structures or part thereof that can reasonably be expected to be over 60 years of age	
s38 - Graves of victims of conflict,	
s39 - Informal and private burial grounds (traditional graves or graves outside of a formal cemetery e.g. a farm cemetery that are over 60 years of age).	<input checked="" type="checkbox"/>

s40 - Battlefield sites , archaeological sites, rock art sites, palaeontological sites, historic fortifications, ruins over 100 years old, meteorite or meteorite impact sites and any objects or ecofacts associated therewith	
s42 - Protected areas (is the site within a known protected area?)	
s43 - Specially protected heritage resources are listed in Schedule of Heritage Resources	
s44 - Heritage Landmarks including the site on which they are situated	
s45 - Provincial Landmarks and the site on which they are situated (state owned)	
s46 - Graves of members of the Royal Family listed in Schedule of Heritage Resources	
s47 - Battlefield site, public monument or memorial listed in the Schedule of Heritage Resources and any public monument defined in the NHRA and protected in terms of Section 37 of the NHRA, & Section 47 of the KZN Amafa and Research Institute Act (5/2018)	
s49 - Artefacts, or collections thereof on which Heritage Object status has been conferred	✓

### E. CONTACT DETAILS


1. APPLICANT'S DETAILS (OWNER OF PROPERTY)	
NAME: Obuka Traditional Council	
POSTAL ADDRESS:	
	POST CODE:
TEL:	FAX:
CELL:	EMAIL: <b>councillors@mthonjaneni.org.za</b>
DECLARATION BY OWNER	
I, <b>iNkosi PC Biyela</b>	
(full names of owner/person authorized to sign on behalf of the owner)	
undertake strictly to observe the terms, conditions, restrictions, by-laws and directions under which the KZN Amafa and Research Institute may issue the comment to me.)	
Signature	
Place: Obuka Traditional Council	Date: 21 June 2023

### 2. DELEGATED AUTHORITY (The name of the person authorized to act on behalf the applicant where the owner is a company, trust, or institution – Power or Attorney/proof of authorization to be attached)


NAME	
TEL	FAX/EMAIL

### 3. DEVELOPER'S DETAILS

NAME(Company/institution/individual): <b>Eskom Holdings SOC Ltd/</b>	
POSTAL ADDRESS:  <b>PO Box 1091</b>	
<b>Johannesburg</b>	POST CODE: <b>2000</b>
TEL: <b>011 800 2303</b>	FAX: <b>086 663 2051</b>

CELL: <b>082 828 1777</b>	EMAIL: <b>bokwett@eskom.co.za</b>
SIGNATURE 	DATE: <b>23 June 2023</b>

#### 4. CONSULTANT'S DETAILS

NAME(Company/institution/individual): <b>Envirolution Consulting (Pty) Ltd</b>	
POSTAL ADDRESS: <b>P.O.Box 1898,</b>	
<b>Sunninghill</b>	POST CODE: <b>2157</b>
TEL: <b>087 898 5000</b>	FAX: <b>086 162 6222</b>
CELL: <b>083 419 8905</b>	EMAIL: <b>gesan@envirolution.co.za</b>
SIGNATURE: 	DATE: <b>10 June 2023</b>

#### F. SUBMISSION FEE: R800.00 (subject to annual increment on the 1 April)

The submission fee is payable to the **KZN Amafa and Research Institute** by bank deposit/internet banking (EFT) and proof of payment must be submitted with the application.

##### ACCOUNT DETAILS:

**ABSA BANK: Branch: ULUNDI** Bank Code: **630330**  
Account in the name of **AMAFA AKWAZULU-NATALI**  
Account No. 40-5935-6024  
USE SAHRIS ID AS REFERENCE

#### G. PUBLIC PARTICIPATION: (Contact details of Interested and Affected Parties Consulted - written opinion to be attached to form and drawings to be signed by I & A P. See Guidelines)

Name \_\_\_\_\_  
Telephone \_\_\_\_\_ Fax \_\_\_\_\_

#### H. CHECKLIST OF DOCUMENTATION SUBMITTED

HARD COPY APPLICATION FORM (COMPLETED & SIGNED BY OWNER, DEVELOPER & CONSULTANT)	
APPLICATION FORM UPLOADED TO SAHRIS	✓
MOTIVATION	
SITE PHOTOGRAPHS/CASE IMAGES	✓
1:50 000 MAP & SATELLITE AERIAL VIEW	✓
KML FILE MAP	✓
SITE PLAN SHOWING ALL FEATURES & HERITAGE RESOURCES	
DEVELOPMENT PLAN SHOWING ALL FEATURES & HERITAGE RESOURCES SUPERIMPOSED THEREON	
PROOF OF PROFESSIONAL ACCREDITATION (e.g. copy of accreditation card/certificate)	
PROOF OF PUBLIC PARTICIPATION	✓
ENVIRONMENTAL IMPACT ASSESSMENT	✓
HERITAGE IMPACT ASSESSMENT	✓
CONSENT LETTER FROM THE OWNER	✓
LETTER OF APPOINTMENT OF CONSULTANT	✓
<b>PROOF OF PAYMENT OF SUBMISSION FEE (EFT/BANK DEP/AMAFA CARD)</b>	✓

# KWAZULU-NATAL AMAFA AND RESEARCH INSTITUTE

THE KZN PROVINCIAL HERITAGE RESOURCES AUTHORITY  
(accredited in terms of the National Heritage Resources Act)

**GUIDELINES FOR THE PREPARATION OF APPLICATIONS FOR COMMENT FROM THE PROVINCIAL HERITAGE RESOURCES AUTHORITY ON DEVELOPMENT PROPOSALS IN TERMS OF SECTION 41 OF THE KZN AMAFA & RESEARCH INSTITUTE ACT (5 OF 2018) AND THE NATIONAL HERITAGE RESOURCES ACT (SECTION 38).** Please detach from the form before submission

NOTE: The provisions of s38 of the NHRA have been incorporated verbatim into s41 of the **KZN AMAFA & RESEARCH INSTITUTE ACT (5 OF 2018)**.

## APPLICATION FORMS

All applications must be made on the relevant official application form and must be accompanied by the relevant supporting documentation.

- A. DEVELOPMENT DETAILS:** Describe the proposed development and motivate and motivate the need and desirability for such a development. Details must be given of the work to be carried out – do not merely refer to the documents submitted.
- B. PROPERTY:** Include the name of the development where applicable. The FARM NAME is the key information and is used as a tracking device in the filing system. Where development is in an urban area the street address is key and if several street numbers apply to the site, all the numbers must be included.

GPS CO-ORDINATES: The KZN Amafa and Research Institute only accepts GPS co-ordinates in decimal format. Other formats may be provided in addition to the decimal format but not to the exclusion of the decimal format.

- C. DEVELOPMENT TYPE:** development applications are made either in terms of:  
s41(1) – check the list under C 1 – or  
s41(8) – check the list under C 2.
- D. HERITAGE RESOURCES:** Identify any heritage resources uncovered through initial scoping or through the Heritage Impact Assessment. Create a site on the step/page 1 of the application on sahris and pinpoint the positions of the resources on the google map provided. When heritage resources have been found the Institute will require that a Heritage Impact Assessment is carried out by a practitioner registered with the Institute and accredited to carry out such assessments. When appointing the Heritage Practitioner stipulate that the HIA must be uploaded to the application on sahris and that a hard copy must be provided to the Institute.  
NB: Section 39 of the KZN Amafa and Research Institute Act (5/2018) has been brought in line with the NHRA and limits the protection of traditional graves to those over 60 years of age.
- E. CONTACT DETAILS:** full contact details of all major players in the development are required.  
**DECLARATION:** The owner must sign the form and any accompanying documentation and must consent to submissions by a third party/agent.
- F. A SUBMISSION FEE** – a service fee determined by the Council of the Institute is payable on submission of all applications. THE APPLICATION WILL NOT BE REGISTERED AS SUBMITTED IF THE PROOF OF PAYMENT IS NOT ATTACHED. USE THE SAHRIS CASE ID AS THE REFERENCE.
- G. PUBLIC PARTICIPATION:**  
WHERE GRAVES ARE PRESENT COMMUNITY CONSULTATION MUST BE CARRIED OUT AND EVERY EFFORT MADE TO LOCATE AND CONSULT THE FAMILIES OF THE DECEASED PRIOR TO SUBMISSION OF THIS APPLICATION.  
The applicant will be notified of the level of public participation required and will have to bear the costs thereof. Neighbours, Ward Councillors, Traditional Leaders and Heritage Groups should be consulted in the case of demolition/destruction applications.

## **DOCUMENTS REQUIRED IN SUPPORT OF THIS APPLICATION**

All documentation submitted is retained for record purposes and interested and affected parties may apply to view the documentation.

- 1. SUPPORTING DOCUMENTATION: Only Heritage Practitioners registered with the Institute may compile the HIA and related supporting documentation. Permits will require their overseeing the work. Where architectural drawings are required, they must be authored by SACAP registered professionals.**
  - 1.1. PHOTOGRAPHS OF EXISTING FEATURES, STRUCTURE/S ARCHAEOLOGICAL REMAINS, GRAVES, ETC AND THEIR SURROUNDINGS:**

Photographs that clearly illustrate the features of the affected site relevant to the application must be submitted.
  - 1.2. SITE PLAN:** The site plan must be drawn in accordance with the approved surveyor's diagram of the site and must show: scale; the north point; the erf/property/farm number of the site; the location of the site and any structures on it in relation to surrounding roads, buildings and other features; existing buildings, structures, and pools on the site (coloured grey or uncoloured); proposed work (coloured red) and buildings or portions of buildings proposed for demolition (in dotted lines); and the extent of the declared area (in the case of a proclaimed property). Heritage resources must be clearly marked on the plan.
  - 1.3. KML MAP FILE AND AERIAL OR SATELLITE VIEWS OF THE SITE** that clearly illustrate the features of the affected site relevant to the application must be submitted.
  - 1.4. 1:50 000 MAP OF THE SITE** that clearly illustrates the features of the affected site relevant to the application must be submitted.
  - 1.5. ENVIRONMENTAL IMPACT ASSESSMENT** where required the EIA must be compiled in accordance with standards set out in regulations under the environmental legislation.
  - 1.6. HERITAGE IMPACT ASSESSMENTS** must be submitted where any Heritage Resources are found. These reports must comply with the standards set out by the South African Heritage Resources Agency (go to [www.sahra.org.za](http://www.sahra.org.za) to download the standards) and may only be compiled by practitioners who have registered their accreditation for this work with the Institute. If the HIA is not submitted with the application, the Institute will notify the applicant of the need to submit an HIA if there is reason to believe that heritage resources will be affected by the development.
- 2. SUBMISSION OF APPLICATIONS:** Application forms can be downloaded from [www.heritagekzn.co.za](http://www.heritagekzn.co.za) – look under the “Permits” tab - download forms – Form J. Electronic submissions must be uploaded to the sahris system operated by the South African Heritage Resources Agency [www.sahra.org.za](http://www.sahra.org.za). The application must also be submitted in hard copy delivered to 195 Langalibalele Street, Pietermaritzburg, 3201 OR posted to Box 2685, Pietermaritzburg, 3200. In the case of a failure of the sahris system the application can be emailed to [archaeology@amafapmb.co.za](mailto:archaeology@amafapmb.co.za) and [bernadetp@amafapmb.co.za](mailto:bernadetp@amafapmb.co.za).

**When submitting on sahris note that you must still check Section 38 under the case type and KZN – Amafa for the Provincial Heritage Resources Authority.**

The applicant is the “owner” and the Assessor is the “Consultant” and the correct fields must be completed.

The Consent Letters allowing a developer to act on behalf of the owner or the Consultant to upload the case to sahris must be placed in the correct boxes which are blocked from public view.

The proof of payment must also be loaded to the designated box to prevent members of the public obtaining banking details, etc from the document.

- 3. PROCESSING OF APPLICATIONS:** applications are processed in the order in which they are received, except during the December/January holiday break. The Institute will receipt the application and alert the applicant to any missing information within 2 weeks of submission. Allow 90 days for processing of complex applications as these may be submitted to external reviewers. Lobbying of external reviewers will disqualify the application. Written responses to applications will be uploaded to sahris. The application will not be responded to telephonically or via email unless the sahris system is not operating.

<p><b>*PLEASE NOTE: INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED.</b> <b>Allow 90 days from the receipt of all required documentation</b></p>
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