



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF THE SPECIALIST, DECLARATION OF INTEREST AND UNDERTAKING UNDER OATH

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

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

PROJECT TITLE

THE PROPOSED ESKOM CUPRUM BATTERY ENERGY STORAGE SYSTEM (BESS) PROJECT, ESKOM CUPRUM SUBSTATION, COPPERTON, NORTHERN CAPE PROVINCE.

Kindly note the following:

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Departmental Details

Postal address:

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

Physical address:

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

Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at:
Email: EIAAdmin@environment.gov.za

1. SPECIALIST INFORMATION

Specialist Company Name:	Sativa Travel & Environmental Consultants (Pty) Ltd			
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	1	Percentage Procurement recognition	100%
Specialist name:	Johannes Maree			
Specialist Qualifications:	MSc; MBA; Pr.Sci.Nat			
Professional affiliation/registration:	SACNASP (Reg. No. 400077/91) – Pr.Sci.Nat			
Physical address:	15 Kiaatsingel, Bosveldsig Phase 8, Modimolle (Nylstroom)			
Postal address:	PO Box 7222, Bosveldsig, Modimolle			
Postal code:	0510	Cell:	082 564 1211	
Telephone:	082 564 1211	Fax:	-	
E-mail:	info@sativatec.co.za			

2. DECLARATION BY THE SPECIALIST

I, Johannes Oren Maree, declare that –

- I act as the independent specialist 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 the specialist report relevant to this application, 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 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;
- 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.


Signature of the Specialist

Sativa Travel & Environmental Consultants (Pty) Ltd
Name of Company:

20 July 2021

Date

3. UNDERTAKING UNDER OATH/ AFFIRMATION

I, Johannes Oren Maree, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.

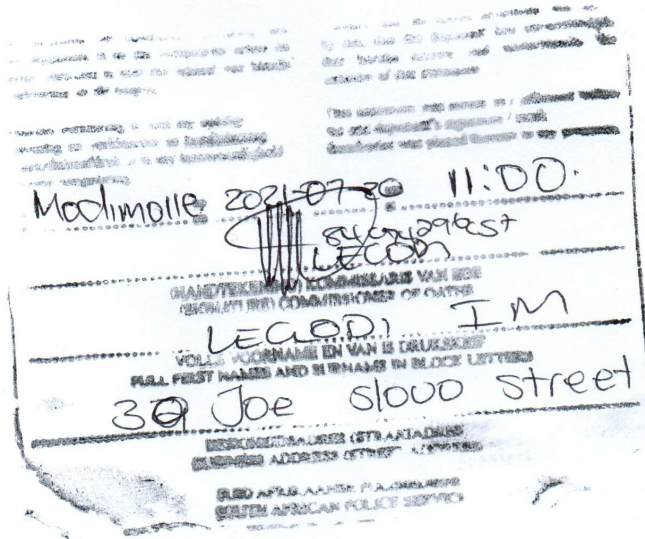
Maree
Signature of the Specialist

Sativa Travel & Environmental Consultants (Pty) Ltd
Name of Company

20 July 2021
Date

20 July 2021
Signature of the Commissioner of Oaths

20 July 2021
Date



01 August 2022

AECOM

Waterside Place, South Gate, Tyger Waterfront
Carl Cronje Drive, Bellville
7535, South Africa
T +27-21-950-7500
aecom.com

To whom it may concern

**SUBJECT: THE PROPOSED ESKOM CUPRUM BATTERY ENERGY STORAGE SYSTEM
(BESS) PROJECT, ESKOM CUPRUM SUBSTATION, COPPERTON, NORTHERN CAPE
PROVINCE.**

The findings and recommendations as stipulated in the Aquatic verification, Avifauna Impact Assessment and Ecological reports for the above mentioned project, dated 04th of June 2021, are still valid.

Regards,



Johannes Maree (Pr.Sci.Nat)
Ecologist
MSc & MBA
Cell: 082 564 1211



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Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF THE SPECIALIST, DECLARATION OF INTEREST AND UNDERTAKING UNDER OATH

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PROJECT TITLE

PROPOSED ESKOM CUPRUM BATTERY ENERGY STORAGE SYSTEM COPPERTON, SIYATHEMBA LOCAL MUNICIPALITY, MUNICIPALITY NORTHERN CAPE PROVINCE

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Email: EIAAdmin@environment.gov.za

1.

SPECIALIST INFORMATION

Specialist Company Name:	Trust Mlilo		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	4	Percentage Procurement recognition
Specialist name:	Trust Mlilo		
Specialist Qualifications:	MA (Archaeology), BA Hon (Archaeology), BA, PGDE,		
Professional affiliation/registration:	ASAPA & SAFA		
Physical address:	65 Naalدهout Avenue, Heuweloord, Centurion		
Postal address:	65 Naalدهout Avenue, Heuweloord, Centurion		
Postal code:	0157	Cell:	071 685 9247
Telephone:	N/A	Fax:	N/A
E-mail:	Trust.mlilo@gmail.com		

2. DECLARATION BY THE SPECIALIST

I, Trust Mlilo, declare that –

- I act as the independent specialist 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 the specialist report relevant to this application, 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 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;
- 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.



Signature of the Specialist

Sativa Travel and Environmental Consultants (Pty) Ltd

Name of Company:

20 July 2021

Date

3. UNDERTAKING UNDER OATH/ AFFIRMATION

I, **Trust Mlilo**, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.

[Handwritten Signature]

Signature of the Specialist

Sativa Travel and Environmental Consultants (Pty) Ltd

Name of Company

20 July 2021

Date

0816764-1
[Handwritten Signature] W/lo

Signature of the Commissioner of Oaths

2021-07-20

Date

Ek swaartseer dat bostaende verklaring deur my afgelees is en dat verklaarder sê en dat hy/sy vertrou is met die inhoud van hierdie verklaring en dit begryp. Hierdie verklaring is voor my beëdig/bevestig en verklaarder se handtekening/merk/duimafdruk is in my teenwoordigheid daarop aangebring.

I certify that the above statement was taken by me and that the deponent has acknowledged that he/she knows and understands the contents of this statement. This statement was sworn /affirmed before me and deponent's signature/mark/diunprint was placed thereon in my presence.

te Wierdabrug op 2021-07-20 om 16:45
 at

(HANDTEKENING) KOMMISSARIS VAN EDE
 (SIGNATURE) COMMISSIONER OF OATHS

Vusi Lucas Ichumaco
 VOLLE VOORNAAM EN VAN IN DRUKSKRIEF
 FULL FIRST NAMES AND SURNAME IN BLOCK LETTERS

75 VINDHILLA ROAD VAKHOLA
 BEDRIEFSADRES (STRAATADRES)
 BUSINESS ADDRESS (STREET ADDRESS)

Wierdabrug Saps
 RANG/RANK

SA POLISIEDIENS
 SA POLICE SERVICE

SOUTH AFRICAN POLICE SERVICE
 COMMUNITY SERVICE CENTRE
 2021-07-20
 WIERDABRUG SAPS
SUID-AFRIKAANSE POLISIEDIENS

SUID-AFRIKAANSE POLISIEDIENS
 GEMEENSKAPDIENSSENTRUM
 2021-07-20
 WIERDABRUG
 COMMUNITY SERVICE CENTRE
SOUTH AFRICAN POLICE SERVICE

01 August 2022

AECOM

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Carl Cronje Drive, Bellville
7535, South Africa
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To whom it may concern

**SUBJECT: THE PROPOSED ESKOM CUPRUM BATTERY ENERGY STORAGE SYSTEM
(BESS) PROJECT, ESKOM CUPRUM SUBSTATION, COPPERTON, NORTHERN CAPE
PROVINCE.**

The findings and recommendations as stipulated in the Archaeological and Heritage Impact Assessment report for the above mentioned project, dated 04th of June 2021, are still valid.

Regards,



Trust Mlilo, PhD Cand, MA. (Archaeology)

Archaeologist

Cell: 067 217 4511

E-Mail: heritage@sativatec.co.za



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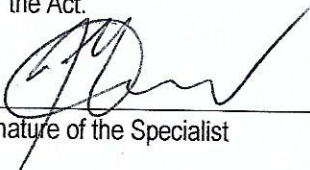
1. SPECIALIST INFORMATION

Specialist Company Name:	Sole Provider		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)		Percentage Procurement recognition
Specialist name:	JF Durand		
Specialist Qualifications:	PhD Palaeontology		
Professional affiliation/registration:	South African Council for Natural Scientific Professions Palaeontological Society of Southern Africa		
Physical address:	614 32 nd Avenue, Villieria, Pretoria		
Postal address:	PO Box 31517, Totiusdal		
Postal code:	0134	Cell:	083 235 7855
Telephone:	083 235 7855	Fax:	
E-mail:	francois.karst@yahoo.com		

2. DECLARATION BY THE SPECIALIST

I, Jacobus Francois Durand, declare that –

- I act as the independent specialist 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 the specialist report relevant to this application, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
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- 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.



Signature of the Specialist

SOLE PROVIDER

Name of Company:

19 July 2021

Date

3. UNDERTAKING UNDER OATH/ AFFIRMATION

Details of Specialist, Declaration and Undertaking Under Oath

I, Jacobus Francois Durand, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



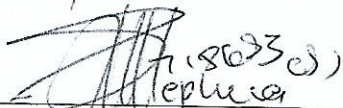
Signature of the Specialist

Sole Provider

Name of Company

19/7/2021

Date



Signature of the Commissioner of Oaths

2021-07-19

Date



Prof Francois Durand
PO Box 31517
Totiusdal
0134
francois.karst@yahoo.com
083 235 7855

1 August 2021

To whom it may concern

RE Palaeontological Desktop Study for the proposed development of a Battery Energy Storage System (BESS) and associated infrastructure at the Cuprum Substation located within Copperton, near the town of Prieska, Northern Cape Province

The findings and recommendations as stipulated in the Palaeontological Desktop Study for this project, written on 16 May 2021, are still valid.

Regards



Prof. J.F. Durand (Sci.Nat.)
BSc Botany & Zoology (RAU), BSc Zoology (WITS), Diploma in Museology (UP),
Higher Education Diploma (RAU), PhD Palaeontology (WITS)



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PROJECT TITLE

Proposed Development of a Battery Energy Storage System (BESS) and Associated Infrastructure at the Cuprum Substation located at Copperton, near the town of Prieska, Northern Cape Province

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Email: EIAAdmin@environment.gov.za

1. SPECIALIST INFORMATION

Specialist Company Name:	Robyn Phillips T/A Cossypha Ecological		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	4 (EME)	Percentage Procurement recognition
Specialist name:	Robyn Phillips		
Specialist Qualifications:	MSc (Zoology) UNP		
Professional affiliation/registration:	SACNASP <i>Pr.Sci.Nat.</i> 400401/12		
Physical address:	16 MacDonald Road Woodside Westville KZN		
Postal address:	16 MacDonald Road Woodside Westville KZN		
Postal code:	3629	Cell:	084 695 1648
Telephone:	031 267 2748	Fax:	
E-mail:	robyn@cossypha.co.za		

2. DECLARATION BY THE SPECIALIST

I, Robyn Phillips, declare that –

- I act as the independent specialist 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 the specialist report relevant to this application, 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 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;
- 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.



Signature of the Specialist

Cossypha Ecological

Name of Company:

22 July 2021

Date

3. UNDERTAKING UNDER OATH/ AFFIRMATION

I, Robyn Phillips, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.

[Handwritten Signature]

Signature of the Specialist

Cossypha Ecological

Name of Company

22 July 2021

Date

[Handwritten Signature]
8971467
2020967
SHARAWU

Signature of the Commissioner of Oaths

2021-07-22

Date





04 August 2022

Attention: Andrea Siebritz

AECOM

Email: Andrea.Siebritz@aecom.com

16 MacDonald Road
Woodside, Westville
KZN, 3629
Cell: 084 695 1648
robyn@cossypha.co.za

Dear Andrea

PROPOSED DEVELOPMENT OF A BATTERY ENERGY STORAGE SYSTEM (BESS) AND ASSOCIATED INFRASTRUCTURE AT THE CUPRUM SUBSTATION LOCATED AT COPPERTON, NORTHERN CAPE

Cossypha Ecological was appointed in 2021 to undertake an Animal Species (Avifauna) Assessment for the environmental process (Basic Assessment) required for the Application for an Environmental Authorisation (EA) for the for the installation of a 70 Mega Watt, 280 Mega Watt hour Battery Energy Storage System (BESS) and associated infrastructure at the Cuprum Substation in Copperton, near Prieska in the Northern Cape.

Summary and Validity of Findings

The field survey was undertaken on the 2nd of June 2021 where aspects pertaining to avifauna such as current land use of the site and immediate surrounds, current ecological state of habitats on site, the potential for terrestrial avifaunal species of conservation concern (SCC) to inhabit the site, ecological drivers, functioning and processes within the study area, and significant landscape features, ecological corridors and landscape connectivity, were assessed.

The on-site inspection confirmed that the site is mostly degraded and has been modified and disturbed by past and present human activities. The site supports very limited natural vegetation that serves as suitable avifaunal habitat, which is likely only used by birds as transient habitat. The site experiences regular disturbance due to the nature of the land use and proximity to the activities in the surrounding landscape. Habitat connectivity with the surrounding natural areas is limited. It is the opinion of the specialist therefore that the site is of **Low** sensitivity for the Animal (Avifauna) Species Theme, and the impacts on avifauna will be minimal. The report therefore serves as a Terrestrial Animal Species Compliance Statement, and impact management actions and monitoring recommendations for inclusion in the EMPr have been added. The report concludes that the project may be authorised subject to the recommendations in the EMPr being adhered to.

It is understood that the previous Application for EA was rejected due to an administrative error and a new application is now needed. This letter serves to confirm that the findings of the study are still valid as the work was undertaken relatively recently (within the last five 14 months) and it is unlikely that anything has changed significantly within the study area.

I trust you will find the above in order. Please contact me should you have any queries.

Yours sincerely

Robyn Phillips

Terrestrial Ecologist for Cossypha Ecological