

AGENDA & MEETING NOTES

PROJECT NUMBER	41104282	MEETING DATE	24 April 2024
PROJECT NAME	132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility	VENUE	MS Teams
CLIENT	ENERTRAG South Africa (Pty) Ltd (ENERTRAG) SPV - Igolide Wind (Pty) Ltd	RECORDED BY	Matilda Mbazo
MEETING SUBJECT	Pre-application meeting with the Gauteng Department of Agriculture and Rural Development (GDARD)		

CONFIDENTIALITY	Confidential
DISTRIBUTION	Meeting Attendees
	Jashmika Maharaj (JMJ) – WSP.
	Hellen Sithole (HS) – GDARD; and
	Thabane Sibeko (TS) - GDARD;
APOLOGIES	Nothando Ngwenya (NN) - GDARD;
	Matilda Mbazo (MM) – WSP.
	Ashlea Strong (AS) – WSP; and
	Phunge Muwanwa (PM) – ENERTRAG;
	Nkhensani Masondo (NM) - ENERTRAG;
	Zinzi Sithole (ZS) – ENERTRAG;
	Thivhadini Netshiozwi (TN) – GDARD;
	Livhuwani Demana (LD) – GDARD;
	Erick Moletsane (EM) - GDARD;
	Teboho Leku (TL) - GDARD;
	Caroline Sithi (CS) - GDARD;
	Tendani Rambuda (TR) - GDARD;
PRESENT	Avhapfani Joshua Mahada (AM) - GDARD;

Building 1, Maxwell Office Park

Magwa Crescent West, Waterfall City

Midrand, 1685

South Africa

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ITEM	SUBJECT	ACTION	DUE
NOT	E		
	otes constitute a summary of the key discussion points and decisions made on. They are not intended to reflect the exact discussions held.	e during the progre	SS
1. WEL	COME AND INTRODUCTION		
	AS opened the meeting by welcoming everyone and allowed GDARD, ENERTRAG and WSP to introduce themselves and state their role in the project.	N/A	N/A
	AS proceeded to present the meeting's agenda via a slide presentation.		
	The presentation is included in Appendix A .		
2. PRO	JECT BACKGROUND		
	AS began to present the on the project background, and the rightful competent authority (CA) as GDARD. AS proceeded to enquire whether GDARD can confirm to being the rightful CA for the Igolide 132kV Grid Connection Project.	GDARD to confirm their status as CA with WSP.	ASAP
	TR requested time to allow GDARD to thoroughly investigate their status as CA. Following this investigation, GDARD will promptly communicate with WSP regarding the outcome.		
	AS further clarified that this information is sourced from the Department of Forestry, Fisheries, and the Environment (DFFE), as they transition projects to the respective provinces. Consequently, GDARD is encouraged to verify this information directly with the DFFE for confirmation.		
	AS proceeded to present on the project background, location, and the applicant (Igolide Wind (Pty) Ltd). She added that the powerline will be located in the Central Corridor of the Strategic Transmission Corridors.		
	AS then showed the project's locality map and stated that the site is located northeast of Fochville in the Merafong City Local Municipality. She also illustrated that the powerline will cross over the N12 national road.		
	AS continued to present a detailed map of the proposed powerline. She highlighted that half of the substation (the Independent Power Producer (IPP) portion) is already authorised and approved as part of the WEF (DFFE reference number: 14/12/16/3/3/2/2385). The other half of the substation will be the Eskom portion which will be included in this application. She added that the proposed powerline does traverse the edge of a mining area.		

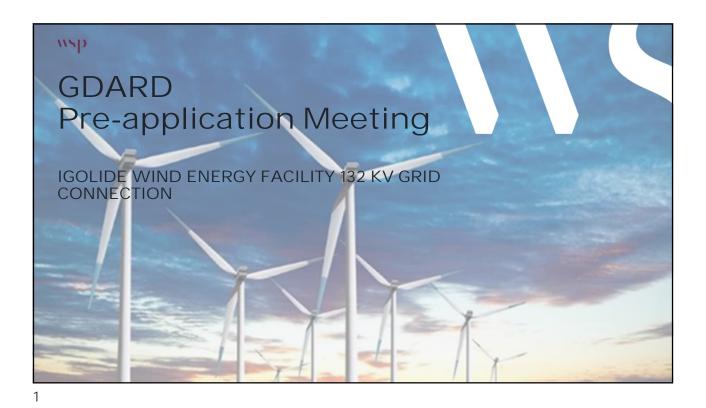
ITEM	SUBJECT	ACTION	DUE
3. TYP	PICAL INFRASTRUCTURE		
	AS proceeded to present on the typical infrastructure such as the 132 (kilovolt) kV powerline circuit, working area, gridline, switching station, termination point upgrades and access roads.	ENERTRAG & WSP to provide minutes from	Within 7 days of the date of the meeting
	TR asked for more elaboration on the approved existing authorisation. He proceeded to ask if there was any formal writing to confirm that GDARD is the CA for the proposed WEF.	IAIA workshop.	
	AS stated, that it has not been promulgated and there is no formal writing to confirm that, however, it has been as per DFFE's request that WSP goes to the province for grid connections and the only time the DFFE will accept the project is after the signing of a 24(3)(c) agreement. She added that this has been done for many other projects at WSP.		
	AS mentioned, that the section that has been authorised is the actual Igolidie WEF that was authorised by DFFE earlier in the year of 2024. She stated that it is a small WEF, hundred (100) megawatts with ten(10) turbines.		
	TR additionally asked if ESKOM was consulted regarding the grid connection and if the South African National Roads Agency Limited (SANRAL) was also consulted regarding the cross over of the powerline at the N12.		
	AS responded that ESKOM is not the applicant, however, they are aware. She added that the IPP is responsible for obtaining the authorisation, construction and the commissioning thereof, then the Igolide WEF as the IPP will transfer the working grid connection back to ESKOM.		
	AS also responded that SANRAL will be included in the database and will be consulted through WSP during the public participation process and will additionally be consulted by the technical team from ENERTRAG.		
	TR asked if the mine will be consulted as well.		
	ZS responded that engagements with the mine, <i>Sibanye Gold</i> , have already commenced and there are no objections thus far.		
	TL asked if there are any reference made to the identified areas for the electricity transmission considering that it is in a central corridor, as there is an option for a standard registration as opposed to the Basic Assessment (BA). He additionally asked how the powerline will cross the N12.		
	AS stated, that WSP is aware of the standard registration, however, the option will be explored after the specialists' input with regards to the verified site sensitivity, therefore the BA process is tentative. She then confirmed that the powerline will cross above the N12.		

ITEM	SUBJECT	ACTION	DUE
	NM recommended that the minutes and recordings captured by Mohammad Essop during the September 2023 workshop hosted by the International Association for Impact Assessment (IAIA) under the umbrella of the DFFE could be shared to substantiate the correspondence pertaining to the CA issue.		
	NM stated that with regards to ESKOM, ENERTRAG has a technical team that oversees submissions to ESKOM, therefore after commissioning of the proposed project ENERTRAG will undertake an amendment process and transfer the grid connection to ESKOM.		
4. LIST	TED ACTIVITIES AND DFFE SCREENING TOOL		
	AS proceeded to present on the six listed activities triggered by these activities in terms of Listing Notice 1 and 3 of the Environmental Impact Assessment (EIA) Regulations (2014) (GN R. 983, as amended by GNR 327). Therefore, a BA process will be followed for the project.	N/A	N/A
	AS continued to present the findings from the DFFE screening tool and indicated the very high and high sensitivities that might trigger a BA. She additionally presented on the specialists' studies commissioned and not commissioned.		
	TR enquired if the proposed project is on a dolomite geographical area, and if that is the case will the client or WSP submit the report to the Council of Geoscience (CoG) for comments.		
	AS stated, that there potentially could be dolomites in the area, hence a desktop geotechnical study will be commissioned.		
	ZS mentioned that when a Section 53 application is undertaken, ENERTRAG is required to include maps from the CoG therefore, the team will liaise with CoG.		
	TR added that GDARD will require the comments from CoG as part of any submission, only if there is presence of dolomite along the alignment.		
5. PUB	BLIC PARTICIPATION		
	AS proceeded to present on the public participation plan and the timeframes for the proposed WEF. She stated that the anticipated final submission is in August 2024.	N/A	N/A
	AS enquired whether WSP is required to submit online or via hardcopies.		
	TR confirmed that all documents are submitted on the online portal. However, anything in regard to digital signatures or administration WSP is welcome to contact Nhlanhla Makhathini (Nhlanhla.Makhathini@gauteng.gov.za (0112403052))		

ITEM S	UBJECT	ACTION	DUE
4.0 CON	ICLUDING		
:	No further comments from attendees. AS concluded the meeting at 10h51.	N/A	N/A
5.0 POS	ST MEETING NOTE		
	Unfortunately, no presentation or minutes were shared by Mohammad Essop following the September 2023 workshop hosted by the International Association for Impact Assessment (IAIA). Furthermore, All recordings and presentations are Copyright of the author and IAIAsa and may not be shared without prior consent. However, in order to confirm that GDARD is the CA for this project please see the snapshot from the Presentation in Appendix B. Alternatively, please contact Mr Muhammad Essop at the DFFE at the following contact details: Tel: (063) 684 3597 Email: MEssop@dffe.gov.za	-	-

Approved:					
GDARD					
WSP					
 ENERTRAG					

APPENDIX A - PRESENTATION

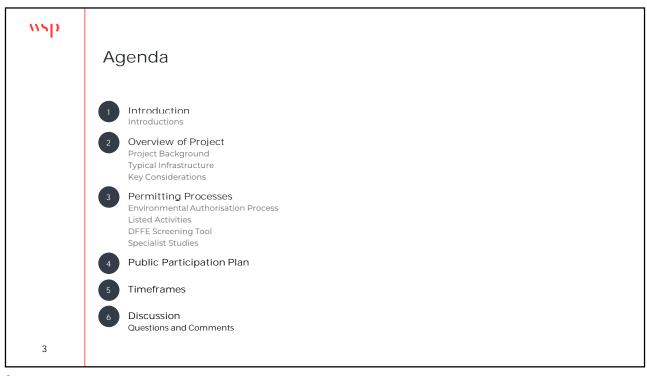


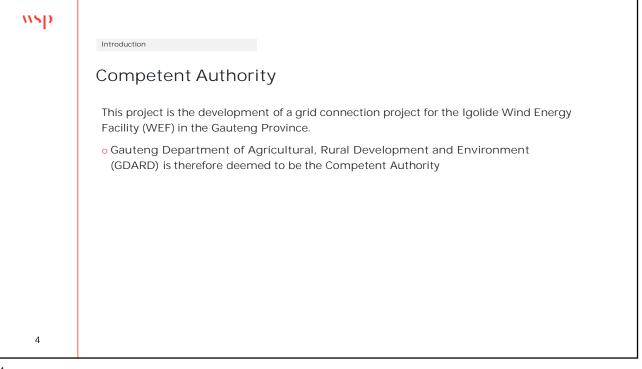
Introductions

Applicant Igolide WEF (Pty) Ltd
Zinzi Sithole
Nkhensani Masondo

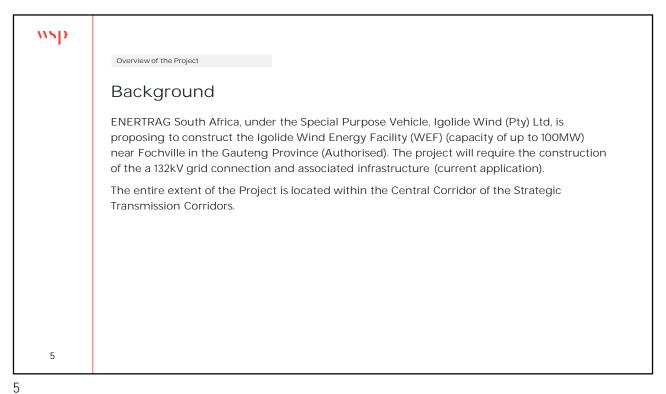
EAP WSP Group Africa (Pty) Ltd
Ashlea Strong
Jashmika Maharaj

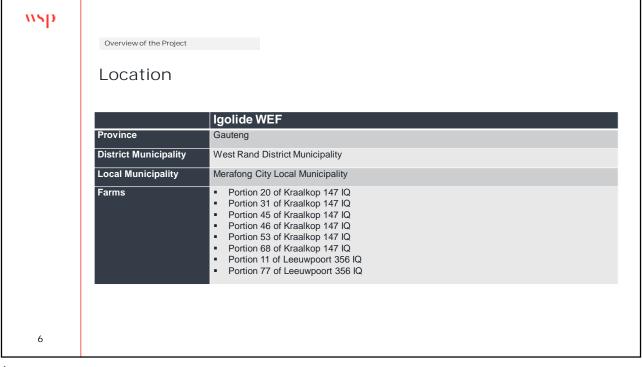
Authority Gauteng Department of Agricultural, Rural
Development and Environment (GDARD)
Erick Moletsane
Hellen Sithole
Thivhadnin Netshiozwi
Nothando Ngwenya
Livhuwani Demana
Thabanesibeko Thabane

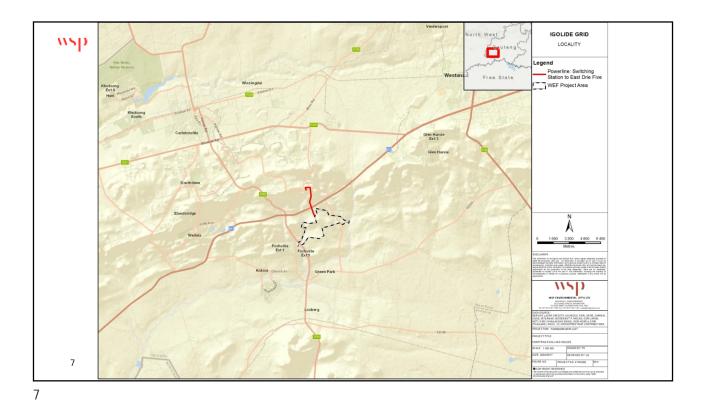




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Overview of the Project

Typical Infrastructure

The Igolide WEF 132kV Grid Infrastructure will contain the following typical infrastructure:

- o 132kV powerline (single or double circuit):
 - Intermediate self-supporting monopole;
 - Inline or angle-strain self-supporting monopole;
 - · Suspension self-supporting monopole;
 - Triple pole structure;
 - · Steel lattice structure; or
 - Similar powerline design at 132kV specification.
 - The above designs may require anchors with guy-wires or be anchorless. For up to 132kV structures, concrete
 foundation sizes may vary depending on design type up to 80m², with depths reaching up to 3.5m typically in a
 rectangular 'pad' shape.
- A working area of approximately 100m x 100m is needed for each of the proposed structures to be constructed.
- A 250m wide corridor (125m on either side of the centre line) has been identified for the assessment and micrositing of the powerline to avoid sensitivities and ensure technical feasibility.
- Gridline length: approximately 4km
- Height of powerline: up to 40m
- Width of gridline servitude: 32m

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Overview of the Project

Typical Infrastructure

- Switching Station
 - Located adjacent to the 33/132kV on-site IPP substation
 - Capacity: 132kV
 - Standard substation electrical equipment, including, but not limited to:
 - busbars, control building, telecommunication infrastructure, office area, operation and control room, workshop and storage
 area, feeder bays, stringer strain breams, insulators, arrestors, relays, capacitor banks, batteries, wave trappers, switchyard,
 metering and indication instruments, equipment for carrier current, surge protection and outgoing feeders, as may be
 required.
 - Associated infrastructure, including, but not limited to
 - lighting, fencing (-2m high), gating, parking area, and buildings required for operation (ablutions, office, workshop and control room, concrete batching plant (if required), waste storage/disposal and storerooms).
- o Termination point upgrades:
 - Upgrades to the existing East Drie Five Substation will also be required, including possible expansion within the yard, where required, with a footprint of up to 4ha.
- Access roads
 - Between 4 6m wide (This track will then be utilised for maintenance during operation)
 - Permanent access roads to and within the substation, up to 8m wide, will be established

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Permitting Processes

Environmental Authorisation Applications

- o Basic Assessment Process:
 - Basic Assessment for the 132kV Grid Connection

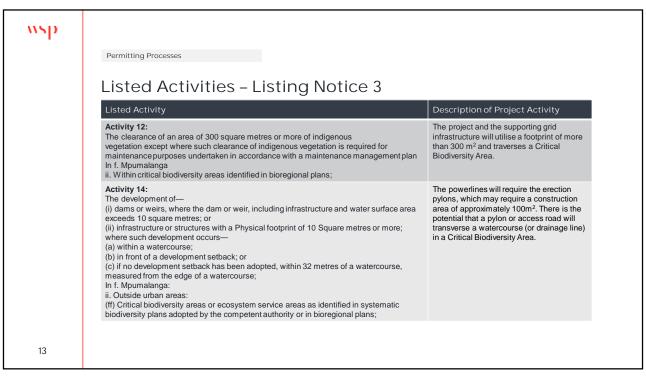
It should be noted that the Igolide WEF has received an Environmental Authorisation (EA) (REF: 14/12/16/3/3/2/2385)

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Permitting Processes Listed Activities - Listing Notice 1 Description of Project Activity Activity 11: The project will include grid infrastructure of up to 132 kV The development of facilities or infrastructure for the transmission and overhead/underground transmission lines. The transmission distribution of electricitylines are outside of the urban edge. (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts Activity 12: The powerlines may require the erection of pylons, which may require a total construction area of approximately The development of-(ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs— 100m². There is the potential that a pylon or access road will transverse a watercourse (or drainage line). (a) within a watercourse; or (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse Internal access roads and stormwater control infrastructure. The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, as well as electrical cabling required to connect the various components of the Facilities will collectively require the excavation, infilling or removal of soil exceeding 10m³ from shell grit, pebbles or rock of more than 10 cubic metres from a watercourse delineated watercourses on site. The development envelope of these facilities will be wholly Activity 27: The clearance of an area of 1 hectare or more, but less than 20 transformed by the 132kV powerlines or other supporting hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for: infrastructure (including the substation, Battery Facility, cables, etc) (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a 12 maintenance management plan

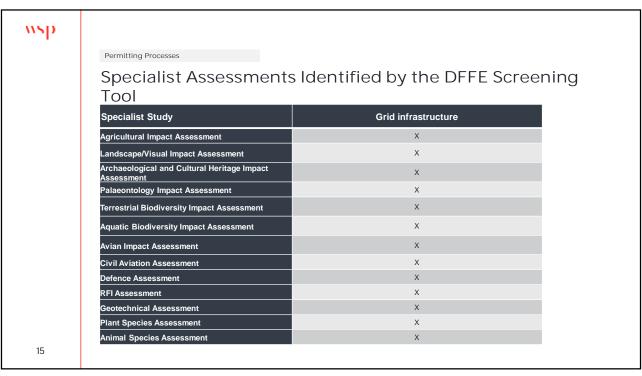


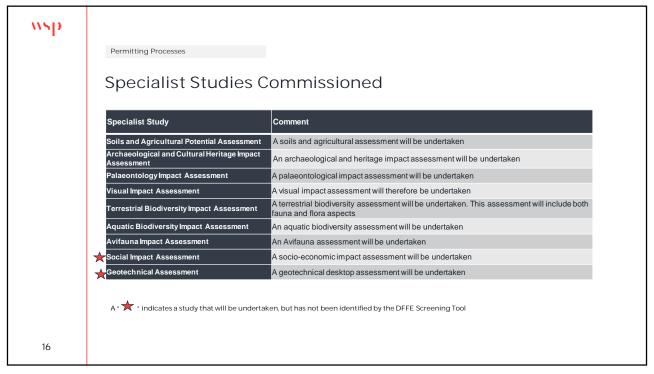
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DFFE Screening Tool Identified Sensitivities – Igolide WEF 132kV Grid Connection

THEME	VERY HIGH SENSITIVITY	HIGH SENSITIVITY	MEDIUM SENSITIVITY	LOW SENSITIVITY
Agriculture Theme		X		
Animal Species Theme			X	
Aquatic Biodiversity Theme	X			
Archaeological and Cultural Heritage Theme	X			
Civil Aviation Theme		X		
Defence Theme				X
Palaeontology Theme		X		
Plant Species Theme			X	
Terrestrial Biodiversity Theme	X			

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Permitting Processes

Specialist Studies NOT Commissioned

Specialist Study	Comment
Civil Aviation	The Civil Aviation Authority will be included on the project stakeholder database. They will be informed of the proposed Project, and comment will be sought. An Application for the Approval of Obstacles will also be submitted to SACAA once preferred bidder status is obtained.
Defence	The Department of Defence will be included on the project stakeholder database. They will be informed of the proposed Project, and comment will be sought.

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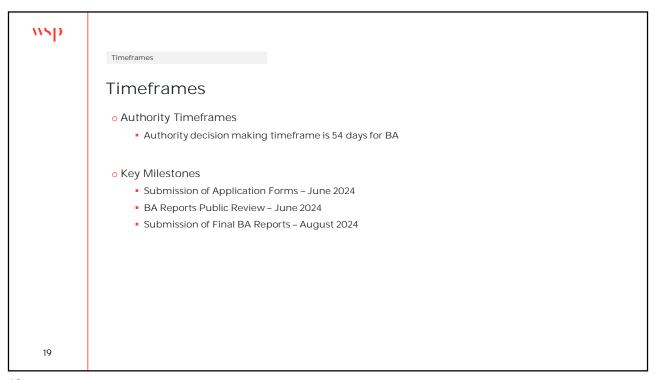
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Public Participation Process

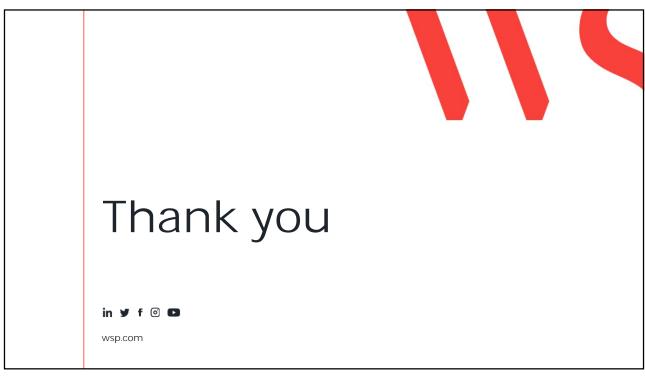
Public Participation Plan

- o Formally announce project via:
 - Adverts the advert was published on 22 June 2023 in the Carletonville Herald in English, Afrikaans and Sesotho)
 - Site notices additional site notices will be placed
 - Existing stakeholder database will be utilised and updated
- o Compilation and management of I&AP Database
- o Written notification:
 - Owners and occupiers on or adjacent to the proposed project site
 - Municipality Ward Councillor
 - District Municipality
 - Relevant State Departments
- o Draft Reports Review for 30 days:
 - Online on the WSP website
 - Online on a data free website
 - Hard copies placed at Fochville, Kokosi and Carletonville Libraries

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APPENIDX B – SCREENSHOT FROM IAIA WORKSHOP HELD IN SEPTEMBER 2023

Application forms

- When it comes to energy related applications:
- · The Minister will be competent authority for the following -
 - 1) a generation facility to be bid in the DMRE bidding round which includes all associated infrastructure;
 - 2) where an application falls within the ambits of S24C(2);
 - 3) registration of the Norm and Standard where the provisions of 1 or 2 above have been met.
 - 4) an application for EA for private off-taking agreements for more than 100MW;
 - 5) all energy generation projects for private off-taking/ or bidding within the Northern Cape Province.
- The MEC responsible for environmental affairs in the relevant province will be the competent authority for the following -
 - 1) a generation facilities for private off-taking agreements (up to 100MW);
 - an application for associated infrastructure submitted separately, even if the facility has been approved by the DFFE;
 - registration of the Norm and Standard where the provisions of points number 1 or 2 above have been met.





2023-09-21 10:03:03

Maharaj, Jashmika

From: Maharaj, Jashmika

Sent: <u>Tuesday, 18 June 2024 09:33</u>

To: Personal details have been redacted as required by the POPI Act

Cc:

Subject: RE: Pre-application meeting: 132kV Electrical Grid Infrastructure for the Igolide

Wind Energy Facility - MEETING MINUTES

Attachments: 41104282_lgolide 132kV Tx_Pre-app Meeting Minutes_20240503_Final.pdf

Importance: High

Tracking: Recipient Delivery Read

'MOLETSANE, ERICK (GDARD)'
'MAKHATHINI, NHLANHLA

(GDARD)'

 Strong, Ashlea
 Delivered: 2024/06/18 09:38
 Read: 2024/06/18 09:35

 Mbazo, Matilda
 Delivered: 2024/06/18 09:40
 Read: 2024/06/18 09:35

'SITHOLE, HELLEN (GDARD)'
'NETSHIOZWI, THIVHADINI

(GDARD)'

'DEMANA, LIVHUWANI (GDARD)'

'NGWENYA, NOTHANDO

(GDARD)'

'SIBEKO, THABANE (GDARD)'
'MAHADA, JOSHUA (GDARD)'
KHUMALO, ZANDILE (GDARDE)

Good Day,

The email trail and pre-application meeting minutes refers.

The pre-application meeting for the above-mentioned project was held on the 24 April 2024 with this Department.

The Applicant and EAP urgently requests confirmation that this Department will be the Competent Authority for the proposed project.

Kind regards,



Jashmika Maharaj Senior Consultant

T +27 11 254 4874 M +27 81 401-8337

From: Maharaj, Jashmika

Sent: Friday, May 3, 2024 10:50 AM

To: Personal details have been redacted as required by the POPI Act

Personal details have been redacted as required by the POPI Act

Subject: RE: Pre-application meeting: 132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility -

MEETING MINUTES **Importance:** High

Good Day,

WSP thanks the Department for attending the pre-application meeting on the 24th April 2024 for the proposed 132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility, in the Gauteng Province.

Attached is a copy of the minutes of the meeting.

GDARD is kindly requested to please approve and sign (in the spaces provided) the minutes and return the signed copy.

Please note that should WSP not receive a response to the minutes within 7 working days, we will consider the minutes approved.

Kind regards,



Jashmika Maharaj Senior Consultant

T +27 11 254 4874 M +27 81 401-8337

From Personal details have been redacted as required by the POPI Act

Sent

To:
Cc: 5

<<u>Th</u>

<<u>LIV</u> <NC

Subject: FW: Pre-application meeting: 132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility

Afternoon Jashmika

We have received your request for pre-application meeting and I will propose that you set up an invite to the people I will Cc in this email for a date of 24 April 2024 at 10h00 am. We will also request you to take minutes and send it to everyone within seven working days. I also request you to send us short but brief explanation for the project you are proposing meeting for so that we can invite all relevant units to this meeting. Can you confirm your availability of this meeting as soon as possible because if you don't, we then take other appointments for that date and time.

Regards

Personal details have been redacted as required by the POPI From Personal details have been redacted as required by the POPI Act

Sen

To:
Cc: I

<ER

Subject: RE: Pre-application meeting: 132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility

Good day

Kindly note that due to many pre application meetings we have sometimes it takes longer for us to respond, I have forwarded your request to relevant people, as soon as they have an opening, they will contact you. apologies for inconvenience caused.

Kind regards, Mulalo

From: Maharaj, Jashmika < <u>jashmika.maharaj@wsp.com</u>>

Sent: Tuesday, April 16, 2024 12:29 PM

Subject: RE: Pre-application meeting: 132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility

Importance: High

Good Day,

The email below refers.

This is a kind follow up regarding the request for a pre-application meeting for the Igolide Wind Energy Facility Grid project.

I would appreciate your response so we can schedule a meeting soonest.

Kind regards,



Jashmika Maharaj

Senior Consultant

T +27 11 254 4874 M +27 81 401-8337

From: Maharaj, Jashmika

Sent: Personal details have been redacted as required by the POPI Act

To: 'n

Cc: 'N

Subject: RE: Pre-application meeting: 132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility

Good Day,

I hope you are well.

The email trail refers. Your colleague Ms Nogwanya Malesela advised that you may be able to assist with my preapplication query for the proposed 132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility.

I have attached a kmz of the proposed infrastructure for your reference. Please can you revert and provide any requirements you may have for the meeting as well as possible dates.

Kind regards,



Jashmika Maharaj

Senior Consultant

T +27 11 254 4874 M +27 81 401-8337

From: Personal details have been redacted as required by the POPI Act

Sent: 1 To: Ma <Zandi

Subject: RE: Pre-application meeting: 132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility

Good day

Please request a pre-application meeting with Mulalo Mkwevho at a way forward regarding your application.

Personal details have been redacted as required by the POPI Act

You will get

Regards

From: Maharaj, Jashmika < jashmika.maharaj@wsp.com >

Sent: Personal details have been redacted as required by the POPI Act

To: NO

Subject: Pre-application meeting: 132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility

Importance: High

Good Day,

I hope you are well.

WSP was appointed as the EAP by Enertrag South Africa (Applicant) for the proposed 132kV Electrical Grid Infrastructure for the Igolide Wind Energy Facility.

Please confirm whether this Department will be the Competent Authority and if so, will a pre-application meeting be required.

Kind regards,



Jashmika Maharaj

Senior Consultant

T +27 11 254 4874 M +27 81 401-8337







WSP in Africa

Building 1, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand 1685 South Africa

wsp.com

WSP is a proud Level 1 B-BBEE contributor and is internationally certified for ISO 9001, 14001 & 45001

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BE ACTIVE, PLAY YOUR PART AND VOTE WISEL

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