

INSTALLATION OF THE OLIFANTSHOEK 132kV POWER LINE, NORTHERN CAPE PROVINCE

COMMENTS AND RESPONSES REPORT

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The Olifantshoek 132kV Power Line Basic Assessment (BA) Process was announced on Monday, 24 February 2020. The announcement letter served to invite Interested and Affected Parties (I&APs) to register their interest in the project and to submit any comments / queries that they might have. All written comments received during the BA process to date have been included in the table below.

The Basic Assessment (BA) Report is made available for a 30-day review and comment period from **Thursday, 30 July 2020** until **Monday, 31 August 2020**. The Comments and Responses Report (C&RR) will be updated with comments received during the review and comment period and included in Appendix C7 of the final Basic Assessment Report.

LIST OF ABBREVIATIONS / ACRONYMS

BA	Basic Assessment	SARAO	South African Road Astronomy Observatory
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1. COMMENTS RECEIVED DURING BASIC ASSESSMENT ANNOUNCEMENT PHASE

1.1. Organs of State

NO.	COMMENT	RAISED BY	RESPONSE
1.	<p>This serves as a notice of receipt and confirms that your application has been captured in our electronic AgriLand tracking and management system. It is strongly recommended that you use the on-line AgriLand application facility in future.</p> <p>Please use the following reference number in all enquiries: AGRILAND REFERENCE NUMBER: 2020_06_0007</p>	<p>B de Lange pp Director: Land Use and Soil Management</p> <p>Letter: 09 June 2020</p>	<p>The draft BAR will be uploaded onto the Department's electronic platform. Proof of upload will be included in Appendix C5 of the final BAR.</p>

1.2. Key Stakeholders

NO.	COMMENT	RAISED BY	RESPONSE
1.	<p>Please send me a kml file indicating the proposed powerline corridor / route.</p>	<p>Samantha de la Fontaine Production Scientist Grade A: District Ecologist DENC</p> <p>E-mail: 27-02-2020</p>	<p>The .KML file was e-mailed on 27 February 2020. Proof of e-mail included in Appendix C5.</p>
2.	<p>The high voltage transmission line causes radiated electromagnetic emissions of the magnitude that depends on the characteristics of the conductor itself. Our interest in the project is on the emissions that will be radiated by the proposed line and its impact on the SKA. We, therefore, require detailed specification of the line as well as the vector file showing the line path between the two substation.</p>	<p>Selaelo Matlhane Spectrum and Telecoms Manager SARAO</p> <p>Registration & Comment form: 20-03-2020</p>	
3.	<p>With reference to your above-mentioned application, I hereby inform you that our Client (Openserve) approves the proposed work indicated on your</p>	<p>Ben RoestofBen RoestofMvelaphanda Trading</p>	<p>The approval of the proposed development is acknowledged, the proponent will notify the Open Serve office should there be a</p>

NO.	COMMENT	RAISED BY	RESPONSE
	<p>drawings in terms Section 29 of the Electronic Communications Act 36 of 2005 as amended. Any changes/deviations from the original planning during or prior to construction must immediately be communicated to this office.</p>	<p>On behalf of OpenServe (Telkom Technical service provider)</p>	<p>change to the proposed grid connection corridor for the proposed development.</p>
4.	<p>Approval is granted, subject to the following conditions, as per attached drawings supplied, Our Client (Openserve)'s infrastructure is affected by this proposal and the route is highlighted in GREEN on attached sketch as accurately as possible. We did our utmost to ensure that we indicate our route as accurate as possible and should you discover any of our cables that is not on the sketch please stop and contact us immediately to arrange a site meeting. In the event that our cables are exposed and damaged/stolen by a third party the damages will be repaired at the customer's account. Please make use of pilot holes in order not too damage our infrastructure. Therefore any damages occurred during construction of work will be repaired at the customer's account.</p>	<p>Letter: 04-05-2020</p>	<p>The letter received from the OpenServe Office is acknowledged and has been forwarded to the client as of Tuesday, 28 July 2020. Requirements included in the correspondence from OpenServe have been included in Section 8.1 of the EMPr.</p>
5.	<p>As important cables are affected, Mr Vivian Groenewald must be contacted at 054 338 6501/ 081 362 6738 two weeks prior of commencement on construction work. It would be appreciated if this office can be notified within 30 days on completion of construction work. Confirmation is required on completion of construction as per agreed requirements.</p>		
6.	<p>Paragraph 2.4.1 of the Code of Practice stipulates the minimum acceptable horizontal separation between power and the communication lines and where this cannot be met, the design of the power line is also</p>		

NO.	COMMENT	RAISED BY	RESPONSE
	stipulated. This could apply between the attached plans and these requirements should strictly be adhered to.		
7.	In cases where an underground power cable will run parallel with an existing underground communication cable, a separation as great as possible should be maintained with a minimum separation of 600mm. should the separation be less than 600mm and the power cable are not enclosed in a suitable pipe, a concrete slab must be provided immediately above the power cable for the length of parallelism. If the separation is less than 300mm, additional protection is required by placing concrete slabs between our Client (Openserve) cables/pipes and the power cables.		
8.	Underground Crossings - At the points where our Client (Openserve)'s existing underground communication cable will be crossed by an underground cable, the latter should be laid a depth of at least 300mm below the communication cable — normally laid at a depth of 600mm. If the power cable is not enclosed in a suitable pipe, protection in the form of a concrete slab should be provided immediately above the power cable for a minimum of 2 (Two) metres on either side of crossing.		
9.	Calculations have shown that an earth fault on the high voltage Power lines will induce excessive low frequency induction into the Communication lines. As a result of this, the cost to deviate / alter the communication lines to prevent this induction will be for the power provider.		
10.	Aerial Plant - At points of crossing, the overhead power lines should cross above the		

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	<p>communications lines in accordance with and clearances stipulated in the Occupational Health and safety Act no 85 of 1993, Machinery regulations 20 — Crossings, and Electrical machinery Regulations 15 — Clearance of Power Lines. If the specifications could not be met, all deviation costs will be for the applicant's account. We also refer to section 25 of Electronic Communication Act 36 of 2005.</p>		
11.	<p>At points of crossing, the overhead power line should cross over the overhead communication lines with a minimum vertical separation of 0.6 meters.</p>		
12.	<p>In order to minimize noise induction into the telecommunication systems, the angle of crossing between the overhead power line and all communication lines, should be as near to a right angle as possible — the following deviation from the right angle being permitted at:</p> <ul style="list-style-type: none"> • Power voltage of lower than 48 kV - 45 degrees <p>Approved on condition that, should it later be found necessary to deviate the existing communication line due to existing noise interference or any other reason whatsoever, the cost of such remedial action shall be repayable.</p>		
13.	<p>Relocations of our Client's (Openserve) plant will be done at customer's request and will be a repayable project.</p>		
14.	<p>Please notify the office within 21 working days from date of this letter of acceptance and if any alternative proposal is available of if a recoverable</p>		

NO.	COMMENT	RAISED BY	RESPONSE
	work should commence, the liaison officer is Lehlohonolo Roestof at tel. no. 051 — 401 6256 .		
15.	On completion of this project please certify that all requirements as stipulated in this letter have been met. Please note that should any of our Client (Openserve) infrastructure has to be relocated or altered as a result of your activities the cost for such alterations or relocations will be for your account in terms of section 25 of the Electronic Communications Act.		This requirement is acknowledged by the project team.
16.	Should our Client (Openserve) infrastructure be damaged while work is undertaken, kindly call the Toll free number 0800203951 immediately. All of our Client (Openserve) rights remain reserved. Mr Vivian Groenewald must be contacted at 054 338 6501/ 081 362 6738 TWO (2) weeks before any commencement of work. Note: The correspondence received included a map indicating OpenServe's overhead cables. Map included in Appendix C5		This requirement is acknowledged by the project team and the applicant will liaise with the Openserve office prior to the commencement of the construction phase to schedule a site meeting.

1.3. Interested and Affected Parties

NO.	COMMENT	RAISED BY	RESPONSE
1.	Power of Attorney to manage and handle all affairs relating to the property.	George Smit Power of Attorney:	Power of Attorney acknowledged, and the documents submitted is included in Appendix C6 .
2.	Main concern is the procedure to be followed when entering and exiting the property. Please forward the procedure to e-mail provided.	Landowner Ollie Smith Registration & Comment Form: 05-03-2020	Access Control procedure to be followed when accessing the properties affected by the development of power line will be communicated to Mr Smit prior to the commencement of the construction activities for the proposed development.
3.	The unresolved matter regarding Eskom Holdings SOC Ltd's main transmission power line traversing their		The applicant for the Olifantshoek 132kV Power Line is the Gamagara Local Municipality and the power line will be handed

NO.	COMMENT	RAISED BY	RESPONSE
	property was brought under the project team's by e-mail correspondence between the parties.	E-mail: 03-04-2020	over to Eskom to operate and maintain during the operation phase. The information regarding the outstanding issues on the existing power line have been forwarded to Eskom for their attention.
4.	Only Eskom marked locks to be used on Eskom gates entering and leaving property.		
5.	Request that Eskom's procedures regarding locks and the locking of gates be followed.		
6.	It is believed that the Project Manager appointed for the construction of the power line will contact me before construction commence.		
7.	The construction of this proposed pipeline must be constructed within the existing servitude.		
8.	Please send us the map in a different format as we cannot open the .KMZ file.	Eureka Croucamp Manager: The Ranch Overnight Chalets E-mail: 03-05-2020	The locality map in .PDF format was e-mailed on 03 March 2020. Proof of e-mail included in Appendix C6 .
9.	Send through all related studies and reports linked to this project.	Werner Voigt Section Manager: Sishen Mine Sishen Mine-Kumba Iron Ore Registration and comment form: 16-03-2020	

1.4. Registration and Request for Release Code

NO.	COMMENT	RAISED BY	RESPONSE
1.	Please register Ollie Smith.	George Smit	Mr Ollie Smith has been registered on the project database as the affected landowner.

