

3 September 2018

Dear Stakeholder

**APPLICATION FOR AMENDMENT TO THE ENVIRONMENTAL AUTHORISATION:
PROPOSED PERDEKRAAL WEST WIND ENERGY FACILITY SITE 1 AND ASSOCIATED
INFRASTRUCTURE, WESTERN CAPE PROVINCE**

**APPLICATION FOR AMENDMENT TO ENVIRONMENTAL AUTHORISATION
(DEA Ref.: 12/12/20/1783/1/AM4)**

Perdekraal West Wind Farm (Pty) Ltd received an Environmental Authorisation (EA) for the construction of the Perdekraal West Wind Energy Facility and associated infrastructure in the Western Cape Province (DEA ref: 12/12/20/1783/1) on 04 December 2012. The project is intended to be bid into future rounds of the Department of Energy's (DoE) Renewable Energy Independent Power Producers Procurement (REIPPP) Programme which is expected to be in November 2018.

There have been advancements to wind turbine technology since the issuing of the EA, and the turbines authorised in the EA are therefore not considered to be the most suitable in terms of production and economic considerations.

In this regard, Perdekraal West Wind Farm (Pty) Ltd are considering an updated turbine model for the project and is proposing the following:

- » a reduction in the number of wind turbines from the authorised 60 – 65, to **up to 47**;
- » an increase to the rotor diameter for each wind turbine from the authorised to a maximum of 120m, to a range from **120m up to 155m**;
- » an increase in hub height from 70m to 120m, to a range **up to 120m**;
- » turbine capacity from 1.5 to 3.5 MW, to a range from **1.5MW up to 6MW**; and
- » increase in blade tip length from the authorised 105m to 180m, to a range from **130m up to 198m**.

The increase in the rotor diameter, blade tip length, wind turbine generation capacity and reduction in the number of turbines will result in the optimisation of the facility layout which was submitted to the Department of Environmental Affairs (DEA) in the EIA process, and subsequent amendments thereto. These amendments to the project are proposed in order to increase the efficiency of the facility and consequently the economic competitiveness thereof, as well as to avoid environmental sensitivities on the site.

The proposed amendments in themselves are not listed activities and do not trigger any new listed activity as the proposed amendments are within the original authorised development footprint and do not change the scope of the EA.

In terms of Condition 5 of the Environmental Authorisation and Chapter 5 of the EIA Regulations of December 2014 (as amended on 07 April 2017 and 13 July 2018), it is possible for an applicant to apply, in writing, to the competent authority for a change or deviation from the project description to be approved. Savannah Environmental has prepared a motivation report in support of this amendment application on behalf of Perdekraal West Wind Farm (Pty) Ltd.

In order to verify the potential for a change in the impacts on avifauna, bats, ecology, heritage, visual exposure and noise, specialist input into the amendment motivation report has been included.

The amendment motivation report has been made available to registered Interested and Affected Parties (I&APs) and Organs of State for a 30-day review period from the **3 September 2018 to 4 October 2018**. The report is available for download from www.savannahsa.com. CDs of the report will be available on request. The due date for written comment is the **4 October 2018**. Comments can be made as a written submission of fax, post or email.

All comments received will be included in the final motivation report which will be submitted to the DEA for review and decision-making.

Our team welcomes your participation and looks forward to your involvement throughout this process.

Kind regards

Rozanne Els
Public Participation Co-ordinator
Email: publicprocess@savannahsa.com