



GA Environment

EASTERN CAPE PROVINCIAL HERITAGE RESOURCES AUTHORITY

P.O. Box 16208
AMATHOLE VALLEY
5616

07 June 2019

Dear Sello Mokhanya,

DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED CONSTRUCTION OF THE AIR TRAFFIC & NAVIGATION SERVICES (ATNS) DISTANCE MEASURING EQUIPMENT (DME) FOR FAPE 5: PATENSIE, KOUGA LOCAL MUNICIPALITY EASTERN CAPE PROVINCE

Air Traffic and Navigation Services SOC Ltd (ATNS) is proposing to establish a Distance Measuring Equipment (DME) site in a privately-owned property, Patensie, within the Kouga Local Municipality, Eastern Cape Province. The overall objective of the proposed development is to provide safe, expeditious and efficient air traffic management solutions in order to improve navigation services and operations of airplanes within the South African airspace. In line with the NEMA Environmental Impact Assessment (EIA) Regulations of 2014 as amended, ATNS has commissioned GA Environment (Pty) Ltd as an independent Environmental Consulting firm to undertake a Basic Assessment (BA) process to obtain the prerequisite Environmental Authorisation (EA) from the Department of Environmental Affairs (DEA) to commence with construction activities.

The DME Site is known as FAPE 5: Patensie. The site will occupy a footprint of approximately 56m² comprising of the following infrastructure:

- A shelter (container);
- A perimeter fence, a gate and a 15m steel swivel lattice mast (i.e. able to be rotated vertically and horizontally to allow for maintenance) that will be installed on a concrete foundation measuring 2m x 2m x 1m with a DME antenna mounted at the top of the mast;
- A vehicle turning point area of approximately 60m² will be located immediately outside the gate of the DME site;
- An access road of approximately 2m wide is proposed to provide access to the DME site from the main road;
- A working area of 2m around the DME site as well as around the vehicle turning area and the access road; and
- Electrical supply in the form of powerlines and/or underground cables.

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GA Environment is a member of the GladAfrica Group

GladAfrica Group Directors: Mr. N Mashaba (Executive Chairman), *Mr. G Albertyn (Pr.Eng, AAArb) (Deputy Chairman), Mr. KC Lebeso (Group CEO), Mr. S Naidoo (Pr.CPM) (COO), Ms K Hlongwane (CA (SA)) (Group CFO) *Mr. M Maponyane (ACIS, MDP), **Mr K Mayayise (Pr.Tech Eng, Pr. CPM), ** Mrs K Hinrichsen (BSc, LLB).

Company Secretary: Mrs. K Hinrichsen (BSc, LLB). **Company Reg no:** 2013/000961/07.

* Independent non-executive
** Non-executive

In total the proposed development will have a footprint of approximately **920m²** as outlined below:

Table 1: Areas for clearance of vegetation for the proposed infrastructure

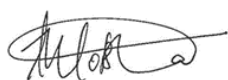
Infrastructure	Area to be cleared
DME site	10m x 9m = 90m ²
Access road & vehicle turning point	166m x 5m = 830m ²
TOTAL	920m²

The site is located approximately 15km north of Patensie CBD within a privately-owned, Remaining Extent (RE) of Portion 3 of the Farm Hol Rivier 19. The area within which the site is located falls within the jurisdiction of the Kouga Local Municipality and Sarah Baartman District Municipality. The 21-digit Surveyor General Code for the property is C0340000000001900003. The site centre coordinates are approximately 33°38'54.81" S; 24°48'25.21" E and is accessible from a gravel road off the R331.

Based on the recommendations of environment screening exercise undertaken for this study, a Heritage Impact Assessment was deemed unnecessary for this development. GA Environment would appreciate comments from this Department as one of the Commenting Authorities no later than **12 July 2019**.

For any further information please do not hesitate to contact us.

Yours Sincerely,



Wendy Mlotshwa (*Pr. Sci. Nat.*)

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