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REF. :

OM/ak

12 JULY 2016

BioTherm Energy (Pty) Ltd
Building 1
Leslie Ave East
Design Quarter District
Fourways

Attention : Mr. M. Barnes

Dear Sir

RE: APPLICATION FOR WATER PROVISION AND A WATER SUPPLY POINT FOR THE PROPOSED BIOTHERM ENERGY SOLAR FARM (FARM HARTEBEESTVLEI NO. 86)

Your correspondence dated 30 June 2016 make reference to the BioTherm Energy (Pty) Ltd ("BioTherm") Solar Farm that will be located approximately 12 km south of Aggeneys on RE of the Farm Hartebeestvlei No. 86. Furthermore you indicate that BioTherm is currently undertaking the necessary Environmental Licencing for the Solar Farm.

The Solar Farm will consist of the Enamandla Photo-Voltaic ("PV") Project of which will include 5 x 75MW Solar PV Facilities. The Solar Farm will also include the Letsoai CSP Project which includes 2 x 150MW CSP Facilities.

In your request you state that you will require the following water quantities:



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Chairperson: Mr. M.D. Dikoko; Vice Chairperson: Ms. J.M. Ramataboe; Chief Executive: Mr. R.T. Takalani*
Mr. E.A. Gaborone; Adv. S.S.T. Kholong; Mr. C.D. Mboweni; Dr. P.E. Molokwane;
Mr. M.M. Mthombeni; Ms. G.G. Ramakarane; Ms. K.G. Sereko (*Ex-officio)

- Enamandla PV Project – 17m³ per day for the construction phase and 7m³ per day during the operational phase (per Facility).
- Letsoai CSP Project - 315m³ per day for the construction phase and 550m³ per day during the operational phase (per Facility).

Additionally you propose two connection alternatives and three water pipeline route options for the Solar Farm:

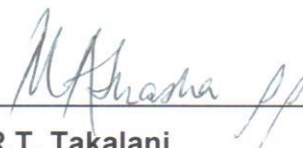
- Option 1 and 2– Will include the installation of a new pipeline from the Solar Farm to the Kokerboom Reservoir where Sedibeng Water shall provide a connection point.
- Option 3 – Would be to install a new pipeline from the Solar Farm along the existing Pella pipeline to the Pella Pump station. This will likely include the installation of a new Pump Station or further upgrades to the Pella Pump station.

Please note that Sedibeng Water, Pelladrift Water Scheme is currently operating at maximum capacity, however, the Scheme is being upgraded to double its capacity. Due to the small quantities of water required for the potential Solar Farm, Sedibeng Water will have enough spare capacity to be able to provide water for the construction and operational phases of the Solar Farm.

BioTherm would be responsible for the costs incurred for the necessary infrastructure, and construction thereof, required for supplying the Solar Farm with water from the connection point provided by Sedibeng Water. In the event of option 3 being selected, the new pipeline and pump station would then be transferred to Sedibeng Water for operation and maintenance.

Please note this approval is subject to BioTherm Energy (Pty) Ltd entering into a services level agreement with Sedibeng Water before commencement and payment of the applicable connections fees.

Yours faithfully

 13-07-2016
R.T. Takalani
Chief Executive