

10. Justifications 理由

The applicant is invited to provide justifications in support of the application. Use separate sheets if necessary.
現請申請人提供申請理由及支持其申請的資料。如有需要，請另頁說明。

CLP has received an application for the provision of new electricity supply for Lot 482 in D.D. 216 for agricultural purposes. The location is near Tai Mong Tsai Road, Sai Kung. To enhance the supply network to Tai Wan, the planning proposal is extension of the existing power network. It is necessary to install underground cables (380V) to connect to the existing electrical network. The existing and nearest sufficient power source is planned to connect this electrical system and meter box inside Lot 482 provided by our customer. This application is applied for excavation on government land only.

Given that the proposed installation is located within the CA, there are no feasible alternatives for the proposed works other than installing cable in this zone. The laying of new underground cables in the caption will have minimal impact on the existing landscape of the CA. There will be no visual impact after the completion of the underground cable installation. The application sites will be backfilled upon completion of installation works

Power supply from CLP underground cable is stable, clean, and no pollutant to surrounding environment. Other means like solar panel cannot generate the power at rainy day and nighttime. On the other hand, power generation using mobile generator will generate heat, exhausted gas and noise. It may have an environment impact to surrounding. In conclusion, this method represents the best approach with the least environmental impact for this application. The main uses of electricity for applicant are

a) Lighting

The farm is located on a hillside and lacks lighting. Whenever we work until dusk/night, it is pitch dark and lighting is extremely needed, otherwise work accidents are prone to occur.

b) Irrigation

The farmland is on a higher hillside, and the water source is in a lower mountain stream. Irrigation requires water to be pumped from the lower mountain stream to the farm for irrigation in different corners to ensure that the crops can survive.

c) Weeding

There are numerous trees/weeds inside and outside the farm, which are growing rapidly. In order to protect the environment and not use herbicides to damage the soil quality, it is necessary to use electric machinery to cut it off from time to time, so electrical power equipment is extremely needed;

d) Water heater

Farmers and staff working in hot weather need to replenish their bodies with water. Without electricity supply, they cannot drink boiled water. If you drink rainwater from mountain streams, bacteria may enter your body and cause permanent harm to your body.

e) CCTV

As part of stated agricultural equipment, a non-stop and stable electricity for CCTV system is necessary for security and property protection.