

Advisory clauses

- (a) to note the comments of the District Lands Officer/Sai Kung, Lands Department (DLO/SK, LandsD) that the proposed public utility installation (underground cables) and associated excavation of land would affect the Burial Ground No. SK/24 and Government Land Licence No. S8890, Home Affairs Department and Licensee concerned should be consulted respectively;
- (b) to note the comments of the Commissioner of Transport (C for T) that the Site is not managed by Transport Department, the applicant should seek comments/agreement of the owner or relevant management/maintenance authorities;
- (c) to note the comments of the Director of Agriculture, Fisheries and Conservation (DAFC) that the applicant is reminded to avoid or minimise impacts to trees on Government land;
- (d) to note the comments of the Chief Engineer/Construction, Water Supplies Department (CE/Construction, WSD) that:
- (i) the Site falls within upper indirect water gathering grounds. The applicant is required to observe the "Conditions for Working within Gathering Grounds" (**Annex A**);
  - (ii) existing water mains will be affected, the applicant is required to either divert or protect the water mains found on the Site:
    - (1) if diversion is required, existing water mains inside the Site are needed to be diverted outside the site boundary of the proposed public utility installation (underground cables) to lie in government land. A strip of land minimum 1.5m in width should be provided for the diversion of the existing water main(s). The cost of diversion of existing water main(s) upon request will have to be borne by the applicant; and the applicant shall submit all relevant proposal to WSD for consideration and agreement before the works commence;
    - (2) existing water mains will be affected, if diversion is not required, the following conditions shall apply:
      - existing water main(s) are affected and no development which requires resiting of water main(s) will be allowed;
      - details of site formation works shall be submitted to the Director of Water Supplies (DWS) for approval prior to commencement of works;
      - no structures shall be built or materials stored within 1.5m from the centre line(s) of water main(s). Free access shall be made available at all times for staff of DWS or their contractor to carry out construction, inspection, operation, maintenance and repair works;
      - no trees or shrubs with penetrating roots may be planted within the Waterworks Reserve or in the vicinity of the water main(s). No change of existing site condition may be undertaken within the aforesaid area without the prior agreement of the DWS. Rigid root barriers may be required if the clear distance between the proposed tree and the pipe is 2.5m or less, and the barrier must extend below the invert level of the pipe;

- no planting or obstruction of any kind except turfing shall be permitted within the space of 1.5m around the cover of any valve or within a distance of 1m from any hydrant outlet; and
  - tree planting may be prohibited in the event that the DWS considers there is any likelihood of damage being caused to water main(s).
- (e) to note the comments of the Head (Geotechnical Engineering Office), Civil Engineering and Development Department (H(GEO), CEDD) that:
- (i) a section of the proposed trench/pit openings is located along the crest of 7SE-D/C343. The proposed openings would appear to pose a threat to the slope if extreme care and control not exercised in the planning, design, construction or supervision of the works. The utility undertaker should pay attention to the "Guide to Trench Excavations (Shoring Support and Drainage Measures)" jointly published by Highways Department and CEDD which provides good technical guidelines on trench excavation. Besides, the utility undertakers are required to note the following particulars:
    - excavation at the slope crest should not be opened up during the wet season unless unavoidable;
    - design of trench above slopes should take into consideration of potential land flooding and performance of land drainage in the vicinity;
    - adequate trench drainage measures against water ingress should be provided (e.g. upstand, sandbags, protective aprons, pumps, etc.)
    - any voids/gaps/leakage areas surrounding the trench should be promptly rectified to avoid water ingress or leakage;
    - the trench support wall should be installed ahead of excavation if such excavation is critical to the stability of slope adjacent to the trench;
    - it is not desirable to have the whole length of a long trench opened up at any one time, even with support. Excavations should be in sections of shortest practical length; and
  - (ii) the trench/pit is recommended to be backfilled with fine fill material in accordance with the specification and standard of Section 6 of the General Specification for Civil Engineering Works (CEDD, 2006 or as amended or updated);
- (f) to note the comments of the Director of Electrical and Mechanical Services (DEMS) that the applicant should be reminded to observe the Electricity Supply Lines (Protection) Regulation and the "Code of Practice on Working near Electricity Supply Lines" established under the Regulation when carrying out works in the vicinity of the electricity supply lines; and
- (g) to note the comments of the District Officer/Sai Kung, Home Affairs Office (DO/SK, HAD) that the existing graves/urns found inside Burial Ground No. SK/24 should not be affected by the proposed excavation and installation of underground cables.

## Conditions for Working within Gathering Grounds

- (a) Adequate measures shall be taken to ensure that no pollution or siltation occurs to the gathering grounds.
- (b) No earth, building materials, fuel, oil or toxic materials and other materials which may cause contamination to the gathering grounds are allowed to be stockpiled or stored on site.
- (c) All surplus spoils shall be protected and removed off the gathering grounds as soon as possible.
- (d) Temporary drains with silt traps shall be constructed at the boundary of the site prior to the commencement of any earthworks and shall be properly maintained during the progress of the works.
- (e) Regular cleaning of the silt traps shall be carried out to ensure that they function properly at all time.
- (f) All excavated or filled surfaces which have the risk of erosion shall be protected from erosion at all time.
- (g) Facilities for washing the wheels of vehicles before leaving the site shall be provided.
- (h) Any construction plant which causes pollution to the gathering grounds due to leakage of oil or fuel shall be removed off site immediately.
- (i) Any soil contamination with fuel leaked from plant shall be removed off site and the voids arising from removal of contaminated soil shall be replaced by suitable material to the approval of the Director of Water Supplies.
- (j) Provision of temporary toilet facilities is to be subject to the approval of the Director of Water Supplies.
- (k) All waterworks access roads must be maintained unobstructed at all time.
- (l) Site formation plans including details of silt traps shall be submitted to WSD for approval prior to commencement of work.
- (m) No structure or temporary works shall be erected in the catchwaters without prior approval of WSD.
- (n) The Contractor shall be responsible for cleaning frequently any waterworks access roads and associated drainage works of mud and debris.

- (o) The Contractor shall limit the gross weight of the vehicles imposed on the waterworks access road to 5 tonnes and the axle load to 3 tonnes. He shall apply to WSD with details of his vehicles for using the access.
- (p) The approval for using the access may be withdrawn on written notice to the Contractor by WSD at their absolute discretion.
- (q) The Contractor shall recover immediately his vehicle which fell into the catchwater or stream bed or pay to the Government on demand the cost of recovery that may be necessary through the occurrence of any incident caused by the Contractor.
- (r) The Contractor shall carry out repair or reinstatement works to the satisfaction of WSD or pay to the Government on demand the cost of repair and reinstatement to any waterworks installations that shall or may be necessary at any time as a result of damage caused by the Contractor or others under his charge.
- (s) The Contractor shall enter and remain on and use the access at his own risk and he shall indemnify the Government against all claims, costs, damages and expense arising from the use of the access.
- (t) No excavation with depth more than 2m shall be permitted within 60m on plan from the centerline of WSD water tunnels without the prior approval of WSD.