

Advisory clauses

- (a) to note the comments of the District Lands Officer/Sai Kung, Lands Department (DLO/SK, LandsD) that as Water Gathering Ground (WGG) is affected, the applicant is required to consult Water Supplies Department prior to commencement of works;
- (b) to note the comments of the Commissioner of Transport (C for T) that the village road 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 Environmental Protection that the applicant is reminded to follow Environmental Protection Department's (EPD's) "Recommended Pollution Control Clauses for Construction Contract" available on EPD's website to take standard precautionary measures against site runoff;
- (d) to note the comments of the Director of Fire Services (D of FS) that the following requirements shall be observed throughout the project period so far as if reasonably practicable:
 - (i) a thoroughfare of 3.5m wide shall be maintained for passage of fire appliances at all time;
 - (ii) any road opening affecting the emergency vehicle access (EVA) should be decked over, capable of withstanding 30-tonne loading for emergency traffic;
 - (iii) an inner turning radius of 6.1m and an outer turning radius of 11m shall be maintained; and
 - (iv) any excavation/construction works should under no circumstances cause any obstruction to the nearby fire hydrants and grounds valves. Should any fire hydrant be affected, comments from Fire Services Department should be sought;
- (e) to note the comments of the Chief Engineer/Construction, Water Supplies Department (CE/Construction, WSD) that the Site falls within upper indirect WGG. The applicant is required to observe the "Conditions for Working within Gathering Grounds" (**Annex A**);
- (f) to note the comments of the Head (Geotechnical Engineering Office), Civil Engineering and Development Department (H(GEO), CEDD) that:
 - (i) trench/pit openings are located near existing slopes. The proposed openings would appear to pose a threat to the slope if extreme care and control is not exercised in the planning, design, construction or supervision of the works. The applicant is required to 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 applicant is 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) it is recommended that the trench/pit 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);
- (g) 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. If the works are near the underground cable or overhead line under the application and carried out by Contractors, the Contractor(s) should approach the electricity supplier for the requisition of cable plans (and overhead line alignment drawings, where applicable) to find out whether there is any underground cable and/or overhead line within and/or in the vicinity of the Site; and
- (h) to note the comments of the Director of Health (D of Health) that according to the World Health Organization (WHO), with compliance with the relevant International Commission on Non-Ionising Radiation Protection (ICNIRP) guidelines, exposure to extremely low frequency electromagnetic fields, such as those generated by electrical facilities would not pose any significant adverse effect to workers and the public. As such, the applicant must ensure that the installation complies with the relevant ICNIRP guidelines or other established international standards. WHO also encourages effective and open communication with stakeholders in the planning of new electrical facilities.

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.