

Local Vessels Advisory Committee

Pilotage Advisory Committee

High Speed Craft Consultative Committee

Port Operations Committee

**Marine Works for the Construction of the Hong
Kong Offshore Liquefied Natural Gas Terminal**

Objective

This paper aims to introduce and seek members views on the project for the construction of a double berth jetty at the Hong Kong Offshore Liquefied Natural Gas Terminal (please refer to the Annex) to be carried out by CLP Power Hong Kong Limited and The Hongkong Electric Company.

2. Members are invited to submit your comments, if any, on the above project by replying to the Secretariat on or before 10 December 2020.

Marine Department

3 December 2020

Project for the Construction of a Double Berth Jetty
at the Hong Kong Offshore Liquefied Natural Gas Terminal

Objective

1. This paper aims to brief members on the scope of works associated with the construction of a double berth jetty (the Jetty) at the Hong Kong Offshore Liquefied Natural Gas (LNG) Terminal (please refer to Annex A1).

Background

2. To reduce carbon intensity from 2020 onwards and support the Hong Kong Special Administrative Region (HKSAR) Government's emission reduction targets set out in the Climate Action Plan 2030+ Report, as well as formulating an additional viable gas supply proposal for Hong Kong's long-term energy security, after a series of studies, CLP Power Hong Kong Limited (CLP) and The Hongkong Electric Company (HK Electric) put forward the proposal of constructing an offshore LNG terminal for mooring Floating Storage and Regasification Unit (FSRU) vessel.
3. CLP and HK Electric (the Project Proponent) are cooperating to construct and operate the LNG Terminal. The Environmental Permit for the construction of the Jetty were granted on 17 January 2020 (please refer to Annex A1). China Offshore Oil Engineering Company has been commissioned to engage as the Project Contractor.

Proposed Construction of the Jetty at the Hong Kong Offshore LNG Terminal

4. The proposed Jetty used for mooring the FSRU vessel and LNG carrier, is located close to the southern boundary of HKSAR waters near the Soko Islands (please refer to Annex A1). The construction of the Jetty will include the delivery and installation of prefabricated jackets, steel piling, and precast units.

5. Piling works for construction of the Jetty will be carried out under the conditions of the Further Environmental Permit. As requested, detailed construction plans for the installation works of the Jetty are required to be submitted by the Project Proponent to the Agriculture, Fisheries and Conservation Department (AFCD) for approval, and another valid permit must be obtained if the works area extends to the South Lantau Marine Park. Traffic arrangements within the South of Cheung Chau Open Sea Disposal Area (SCC-ODA) were also reported to the Civil Engineering and Development Department (CEDD) by the Project Proponent, and works may only be conducted within the area approved by CEDD.

Marine Traffic Impacts

6. The Jetty site is located at the area between the proposed South Lantau Marine Park and the south of Cheung Chau Open Sea Disposal Area, where different types of vessels and floating barges will be deployed for construction of the LNG Terminal.
7. The Project Proponent has conducted a Marine Traffic Impact Assessment (MTIA). According to the practices of marine works, appropriate marker buoys will be provided in relevant works area, while adequate number of guard boats/tugs will be deployed in place to ensure the safety of the works area and sufficient time for evacuation in case of emergency. The Project Contractor should invite relevant stakeholders to attend the Marine Management Liaison Group (MMLG) meeting at regular intervals during the construction period. The MMLG meeting serves the purpose of coordinating marine traffic among the interfacing contractors, existing marine operators and the Government Departments, and resolving the interfacing issues within and near the works area. A Marine Traffic Coordination Office (MTCO) with a 24-hour hotline will be established by the Project Contractor to provide round-the-clock monitoring on marine traffic for the works. The responsible personnel at MTCO will closely liaise with the stakeholders concerned and relevant Government Departments to exchange important messages relating to the works. Temporary Marine Traffic Management (TMTM) Plan for key works stages will be developed, which includes traffic management measures, risk control measures, typhoon evacuation arrangements and a detailed method statement. The Plan will keep continuously updating before submitted to relevant stakeholders during the works period. The 24-hour hotline [Tel. No.: 5649 5709 (Project Health & Safety Manager)] will be set up to receive and/or handle public enquiries, complaints and emergencies on the Project.

8. With regard to the MTIA for the proposed Jetty, the Government Departments concerned have raised no objection.

Way Forward

9. The Project Contractor will contact the Marine Department to provide all the information on working areas, types of craft, duration of activities and working plan for the issuance of Marine Department Notices at appropriate time.

Advice Sought

10. Members are invited to note the forthcoming marine works. In case of any enquiry on the Works, please contact Mr. Timothy YIP of CLP by phone at 5649 5709, or by email: timothy.yip@clp.com.hk.

CLP Power (Hong Kong) Limited
The Hongkong Electric Company Limited
December 2020

Annex A1

