

Islands District Council
Traffic and Transport Committee
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Improvement Works at Yung Shue Wan Public Pier and Yi O Pier

PURPOSE

This Paper aims to present the improvement works at Yung Shue Wan Public Pier and Yi O Pier to members of the Traffic and Transport Committee and to seek members' comments on the projects. Upon gaining members' support, we will proceed to the detailed design for the two piers and the statutory gazettal under Foreshore and Sea-bed (Reclamations) Ordinance.

BACKGROUND

2. The Chief Executive featured the new initiative of Pier Improvement Programme (PIP) in the Policy Address on 18 January 2017, aiming to improve a number of remote public piers to facilitate public access to outing destinations and natural heritage. The first phase of the PIP will focus on the public piers in the New Territories and the Islands District. Yung Shue Wan Public Pier in Lamma Island and Yi O Pier in Lantau Island are included in the first phase of the PIP. The Committee was consulted on the PIP on 22 May 2017 and the members supported the projects for reconstruction of Yung Shue Wan Public Pier and construction of new Yi O Pier.

3. Yung Shue Wan Public Pier is located at the north of Lamma Island. Apart from the use by the public for vessel berthing, this pier forms part of the access connecting between Yung Shue Wan Ferry Pier and Yung Shue Wan. The Yung Shue Wan Public Pier has been operating since 1960s. Even though regular maintenance and repair works have been carried out on the pier by the government and as the pier has been used for years, some sections of the pier structure have to be temporarily supported by steel frames. Therefore, it is considered that thorough pier improvement works are required.

4. Yi O Pier is located at the southwest of Tai O on Lantau Island. The pier was neither constructed nor maintained by the government. The primitive design cannot meet the current design standards for piers in Hong Kong. There is a sign of structural aging on the existing pier and some of the landing steps are found eroded. This will potentially impose a risk on the

public for boarding and alighting. Moreover, the water depth at the existing pier is not sufficient, and this will affect vessel berthing. Therefore, there is a need to improve the Yi O Pier from a safety point of view.

BRIEF DESCRIPTION

5. The proposed scope of pier improvement works includes:

Pier	Description
Yung Shue Wan Public Pier	(i) reconstruction of the existing pier; and (ii) implementation of environmental monitoring and mitigation measures to minimize any environmental impact.
Yi O Pier	(i) construction of a new pier; and (ii) implementation of environmental monitoring and mitigation measures to minimize any environmental impact.

6. The preliminary pier layout plans for Yung Shue Wan Public Pier and Yi O Pier are enclosed in **Annexes 1** and **2** respectively. The preliminary pier designs (refer to **Annexes 3 to 5**) are for reference only and will be finalized in the detailed design stage.

7. During the construction, temporary berthing facilities and a temporary walkway will be provided in Yung Shue Wan to maintain normal operation of the public pier and ferry pier whereas the existing Yi O Pier will be still in use.

ENVIRONMENTAL IMPLICATIONS

8. The proposed pier improvement works for the two piers are not classified as a designated project under the Environmental Impact Assessment Ordinance. During the construction stage, the contractor will implement environmental monitoring, including water quality monitoring, based on the findings and recommendations from the Preliminary Environmental Review. Appropriate environmental mitigation measures such as the use of quality powered mechanical equipment and deployment of silt curtains will be implemented. We will carry out regular site inspections to ensure effective implementation of the mitigation measures and site management.

CONSTRUCTION PROGRAMME

9. We expect to commence the detailed design and ground

investigation works for the pier improvement works at Yung Shue Wan Public Pier and Yi O Pier from 2020. We will also proceed with statutory gazettal under Foreshore and Sea-bed (Reclamations) Ordinance (Cap 127) with a view to commencing pier improvement works from 2022.

ADVICE SOUGHT

10. Members are invited to offer their comments and support the projects.

Civil Engineering and Development Department
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