

**Panel on Development
357WF - Design and Construction
for the First Stage of Desalination Plant at Tseung Kwan O –
Investigation Study Review, Design and Site Investigation**

Follow-up Issues of the Meeting held on 24 March 2015

At the meeting on 24 March 2015, the Panel on Development discussed the LC Paper No. CB(1)650/14-15(05) on Design and construction for first stage of desalination plant at Tseung Kwan O - investigation study review, design and site investigation. Some members requested for an estimate of the capital cost required for the construction of the second stage of the proposed desalination plant. This note sets out our response to the request.

Capital Cost Required for Second Stage of Proposed Desalination Plant

2. The proposed desalination plant at Tseung Kwan O is planned to be constructed in two stages. Whilst the first stage of the plant is targeted for commissioning in 2020, the timing for implementing the second stage is yet to be determined taking into account the latest further impact of climate change, water supply resources and water demand forecast. This arrangement will open up an opportunity to capitalise upon the technological advancement in the design and construction of desalination plant in future. It is premature at this juncture to provide an estimate of the capital cost required for the construction of the second stage of the plant. In any event, the scope of the first stage works of the desalination plant will be of sufficiently large scale on its own to achieve an economy of scale. The first stage works will also cover the construction of some common facilities including an administration building, the intake and outfall facilities, a laboratory and maintenance workshop as well as the water main works catering for the first and second stage capacity to be built in one go.

**Development Bureau
Water Supplies Department
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