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17 February 2021

Clerk to the Legislative Council Panel on Transport  
Legislative Council Complex  
1 Legislative Council Road  
Central, Hong Kong  
(Attn: Ms Sophie LAU)

**By Email & Fax**  
(Fax No.: 2840 0716)

Dear Ms LAU,

**Legislative Council Panel on Transport  
Meeting on 20 November 2020**

**Supplementary Information**

Regarding the supplementary information requested by Members at the meeting on 20 November 2020, our reply is as follows:-

**(a) Estimation of savings in construction time and cost after adopting Modular Integrated Construction**

We are studying the feasibility of adopting Modular Integrated Construction (MiC) for the lift-retrofitting works under the “Universal Accessibility” (UA) Programme. Taking reference from the experience of MiC application in other works projects, MiC can help shorten the construction time on site by standardising the design of lift towers/lifts and completing the assembly of lift towers/electrical and mechanical parts of lifts in advance in the fabrication yard before delivery to the site for installation. Since MiC has never been adopted in the projects under the UA Programme before, and the relevant works contracts have yet to be awarded, we are unable to provide an estimate of the project cost savings at this stage. Regarding the construction time of the projects, our preliminary estimation is that the construction time can be shortened by as much as 6 months, which would help expedite the implementation of projects under the UA Programme.

**(b) Whether Item 111 under the Third Phase of the UA Programme (Listed in Annex IV of the Paper provided by the Administration) fell under the scope of the project of Widening of Castle Peak Road - Castle Peak Bay Section**

Item 111 (Lift-retrofitting works for footbridge (Structure No. NF232) across Hoi Wing Road near Sam Shing Light Rail Station) as mentioned in Annex IV of the Legislative Council Paper No. CB(4)139/20-21(04) is not within the scope of the project of Widening of Castle Peak Road - Castle Peak Bay Section (the Project) undertaken by the Highways Department (HyD) (Contract number HY/2020/07). This item is under the Third Phase of the UA Programme and is undergoing investigation. Due to the limited space at site, the consultant engaged by HyD is studying whether it is necessary to demolish part of the existing footbridge such as the ramp or staircases to accommodate the lift. As a result, it will take longer to complete the related investigation, consultation and detailed design. HyD plans to report the findings of the investigation and preliminary design to Tuen Mun District Council (DC) in the third quarter of 2021. Should the proposal be supported by DC, the works is anticipated to commence in 2022.

Besides, as part of the Project, HyD will alter an existing footbridge adjacent to Sam Shing Estate (Structure No. NF65) and add lifts to facilitate public access. This project commenced in November 2020.

**(c) Numbers of construction contracts under the UA Programme awarded to the Groups of contractors in the List of Approved Contractors for Public Works in the past three years**

In the past three years (i.e. from January 2017 to October 2020), HyD awarded a total of 15 contracts under the UA Programme. Groups A, B and C contractors under the category of "Roads and Drainage" under the List of Approved Contractors for Public Works were awarded for 10, 1 and 4 works contracts respectively.

Yours sincerely,



( Miss Angela JONG )

for Secretary for Transport and Housing

cc.:

Director of Highways

(Attn: Mr Tony Cheung)

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