

NOTE FOR PUBLIC WORKS SUBCOMMITTEE OF FINANCE COMMITTEE

Supplementary information on 759TH - Shenzhen Western Corridor 736TH - Deep Bay Link

INTRODUCTION

In considering PWSC(2002-03)80 on 759TH "Shenzhen Western Corridor" and 736TH "Deep Bay Link" on 29 January 2003, Members requested the Administration to provide supplementary information on -

- (a) how the estimate of \$110 million, which is the share for the lane change-over facilities to be borne by the Hong Kong Special Administrative Region (HKSAR) Government, was arrived at; and
- (b) the estimated cost for the linkage of the traffic control and surveillance system (TCSS) included in the Shenzhen Western Corridor (SWC) project and how the estimated cost was arrived at.

THE ADMINISTRATION'S RESPONSE

Lane change-over facilities

2. Owing to site constraints on the Hong Kong side, the lane change-over facilities will be located within the Shenzhen portion of the SWC near Dongjiaotou. The cost of the lane change-over facilities, as estimated by the Shenzhen side, is made up as follows -

/(a)

	\$ million
	(in September 2002 prices)
(a) Construction cost of piers and piles foundation	116.0
(b) Construction cost of viaducts superstructure	97.0
(c) Crash barrier, traffic aids and street lighting	7.0
Total :	<hr/> 220.0 <hr/>

Pending the discussion between the HKSAR and the Shenzhen Municipal People's Government over the layout design and detailed cost sharing arrangement, we have included in the project cost an estimate of \$110 million (in September 2002 prices).

Linkage of TCSS

3. The linkage of the TCSS comprises two fibre optics cables from the HKSAR's boundary of the SWC to the boundary crossing facilities at the landing point of the Shenzhen portion of the SWC at the Dongjiaotou. Each cable is about two kilometres (km) long. Based on a unit cost of \$150,000 per km per cable, we estimate that the total cost of the linkage would be \$600,000.

Environment, Transport and Works Bureau
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