

NOTE FOR PUBLIC WORKS SUBCOMMITTEE OF FINANCE COMMITTEE

Supplementary Information on 718TH – Improvement to Tung Chung Road between Lung Tseng Tau and Cheung Sha

INTRODUCTION

In considering PWSC(2004-05)10 on **718TH** “Improvement to Tung Chung Road between Lung Tseng Tau and Cheung Sha” on 5 May 2004, Members requested the Administration to provide a breakdown of the costs of the project attributable to the implementation of environmental mitigation measures.

THE ADMINISTRATION’S RESPONSE

2. A breakdown of the clearly identifiable costs for the implementation of environmental mitigation measures to comply with the conditions of the Environmental Permit is as follows –

	\$ million	Percentage of the total cost of the works (\$ 460 million)
(a) Environmental mitigation and monitoring measures to minimise possible construction impact on the environment, including dust suppression, noise control for construction plant, protection for water quality, ecology, landscape and cultural heritage in the area.	5.5	1.2%

/(b)

	\$ million	Percentage of the total cost of the works (\$ 460 million)
(b) Provision of temporary drainage system to protect the Tung Chung Stream (the Stream) and the water gathering ground in the vicinity	3.4	0.7%
(c) Landscaping works	3.2	0.7%
(d) Agreed payment to the contractor for satisfactory implementation of the Safety and Environment Scheme (Environment) ¹	1.4	0.3%
Total	13.5	2.9%

3. Apart from the costs listed above, it should be noted that because the works area of the project is located in an environmentally sensitive area, we have been highly conscious of the need to protect the environment when deciding how to implement the works. There are therefore other costs directly or indirectly related to the implementation of environmental mitigation measures which have been subsumed in the design and are part and parcel of the total project costs that cannot be specifically quantified or separated. For example, we will construct retaining walls to minimise the footprint of the project in the Country Parks so as to reduce construction and demolition wastes from slope works and minimise disturbance to flora and fauna. We have also restricted the widening works to the eastern side of the existing Tung Chung Road at the northern section, which is further away from the Stream, to avoid possible damage or contamination of the Stream. The realignment of Tung Chung Road to a new off-line alignment at the southern section is required partly for the protection of Cheung Sha Stream. In addition, special designs for bridge structures, e.g. use of precast segments instead of in-situ construction over streams crossing Tung Chung Road at various location have been adopted so as to minimise possible impact on ecology. We will also

/provide

¹ Under existing Government policy, contractors are required to prepare and implement enhanced Waste Management Plans so as to encourage on-site sorting of construction and demolition materials and to minimise their generation during the course of construction. As part of the policy, provisions are included in contracts for the implementation of waste and environmental management.

provide wildlife tunnels for native fauna, escape routes from drainage channels for amphibians and sloping surfaces at step channels for aquatic fauna to move up and down the stream courses.

Environment, Transport and Works Bureau
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