

NOTE FOR PUBLIC WORKS SUBCOMMITTEE OF FINANCE COMMITTEE

Supplementary information on 271LP - Re provisioning of the Police Dog Unit and the Force Search Unit from the Burma Lines site to Sha Ling

INTRODUCTION

When Members considered the paper referenced PWSC(2001-02)42 on **271LP** at the Public Works Subcommittee meeting on 31 May 2001, the Administration undertook to provide information on -

- (a) the justification for an increase of \$920,000 in the annually recurrent expenditure;
- (b) the reason for some 60% of the construction and demolition (C&D) materials being disposed of at landfills rather than reused or disposed of through other means; and
- (c) the notional cost of accommodating the C&D materials generated from this project at landfills.

THE ADMINISTRATION'S RESPONSE

Annually Recurrent Expenditure

2. The existing accommodation for the Police Dog Unit and the Force Search Unit at Burma Lines was converted from former army barracks. The facilities were not purpose-built and do not meet present-day standards in terms of building services requirements, fire-fighting, and police operational/training objectives. We will therefore provide new facilities to meet current standards and requirements in these areas under the re provisioning plan for Sha Ling.

3. The annually recurrent expenditure for the two units will be increased from \$1,463,000 for Burma Lines by \$920,000 to \$2,383,000 for Sha Ling. The increase is mainly attributable to the additional maintenance and running costs for the new equipment/facilities, including building services systems, fire-fighting installations, veterinary equipment, training equipment and additional building facilities. A breakdown is at the Enclosure.

Construction and Demolition Materials

4. The project site at Sha Ling, some 2.2 hectares in area, is covered with wild vegetation, the top layer of which consists of poor quality, silty soil approximately 500 mm deep. In order to develop the site, this layer of vegetation has to be removed. Some 11 000 m³ of excavated soil consisting of vegetation and organic matter together with 2 400 m³ of other C&D wastes including packaging, plastic, bamboo and timber waste (totalling 13 400 m³) will be disposed of at landfills. These materials are organic in nature and are not suitable for reuse in this or other sites or for public filling purposes in reclamation and site formation works.

5. The notional cost of accommodating 13 400 m³ of C&D waste at landfill sites is estimated to be \$1.7 million (based on a notional unit cost¹ of \$125/m³).

Housing Bureau
June 2001

¹ This estimate has taken into account the cost for developing, operating and restoring the landfills after they are filled and the aftercare required. It does not include the land opportunity cost for existing landfill sites (which is estimated to be \$90/m³), nor the cost to provide new landfills (which are likely to be more expensive) when the existing ones are filled. The notional cost estimate is for reference only and does not form part of this project estimate.

Breakdown of the increase in annually recurrent expenditure

Items	Estimated expenditure for Burma Lines per annum (a)	Estimated expenditure for Sha Ling per annum (b)	Increase in expenditure per annum (b) - (a)	Remarks
(a) Maintenance of building services systems	\$128,000	\$565,000	\$437,000	The facilities provided at Sha Ling will meet current building services standards. These include central air conditioning plant, emergency electricity generator, lift for heavy equipment, switchboards, etc.
(b) Maintenance of fire-fighting installations	\$13,000	\$163,000	\$150,000	New fire-fighting installations will be provided at Sha Ling to comply with current statutory requirements. These include sprinklers, inert-gas fire fighting system, etc.
(c) Maintenance of veterinary equipment	\$20,000	\$98,000	\$78,000	As well as providing replacements for outmoded equipment at Burma Lines, we will provide some additional equipment at Sha Ling to upgrade existing functions. These include surgical equipment in the operating theatre, X-ray systems, laboratory facilities, etc.
(d) Maintenance of training equipment	Negligible	\$65,000	\$65,000	New equipment is provided at Sha Ling to meet current training objectives. These include multimedia audio visual teaching systems such as amplifiers, LCD projectors, video cameras, etc.
(e) Building maintenance	\$347,000	\$375,000	\$28,000	Due to the additional building facilities including additional dog kennels, a laboratory, etc, additional maintenance costs will be required.
(f) Maintenance of information technology/ communication equipment	\$115,000	\$115,000	-	As there will be no new equipment, no additional recurrent expenditure is incurred.
(g) Electricity consumption	\$840,000	\$1,002,000	\$162,000	Operation of the facilities/ equipment in items (a) - (e) above will result in a net increase of 19% in electricity consumption.
Total	\$1,463,000	\$2,383,000	\$920,000	

