



康樂及文化事務署

Leisure and Cultural Services Department

電話 TEL: 2601 8675

圖文傳真 FAX NO: 2595 3886

本署檔號 OUR REF: () in LCS 18/HQ 726/00(KT) VI

來函檔號 YOUR REF:

By Fax**Fax No. 2869 6794**

29 June 2007

Clerk to the Public Works Subcommittee
Legislative Council Building
8, Jackson Road, Central
Hong Kong
(Attn: Mr Anthony Chu)

Dear Mr Chu,

238RS – Recreational Facilities on Jordan Valley Former Landfill

I refer to your letter dated 18 June 2007 to the Secretary for Financial Services and the Treasury. In considering PWSC(2007-08)33 on **238RS** – "Recreational facilities on Jordan Valley former landfill, Kwun Tong" at the Public Works Subcommittee meeting on 15 June 2007, Members requested the Administration to provide information on the breakdown on the estimated provision for the external works and the arrangement for the disposal of construction and demolition materials/waste in public works projects. We attach the information requested at Annex 1 and 2.

We would be grateful if you could relay the above information to the Members of the Public Works Subcommittee.

Yours sincerely,

(Mrs Karen YUEN)

for Director of Leisure and Cultural Services

香港沙田排頭街一至三號康樂及文化事務署總部

Leisure & Cultural Services Headquarters, 1-3 Pai Tau Street, Sha Tin, Hong Kong.

C.C.

SHA

(Attn: Ms Janet Wong)

(Attn: Ms Swank Wong)

DArchS

(Attn: Mr Wilson Lee)

SFST

(Attn: Ms Angela WS Ho)

Fax No. 2519 7404

Fax No. 2591 6002

Fax No. 2523 4693

Fax No. 2147 5240

Annex 1**Breakdown on the estimated provision of \$52.8 million
for the external works**

<u>Item of Works</u>	<u>Cost Estimate</u> (\$M)
(a) Hard paved area and road works	5.97
(b) Perimeter fence wall	6.85
(c) Hard landscape works (including pavilion benches, trellis and garden furniture)	4.31
(d) Children play areas, fitness stations and jogging track	10.16
(e) Drainage connection outside site boundary	9.05
(f) Miscellaneous items (signage, surface channels and irrigation system etc.)	7.73
(g) Builder's works in connection with BS installation	8.73
Total:	52.80

Annex 2

Supplementary information on the arrangements for the disposal of construction and demolition materials/waste in public works projects to public fill reception facilities, sorting facilities and landfills, including the process for designation of the landfills and the cost for the disposal

Majority of the construction and demolition (C&D) materials comprise inert and non-inert portions. The inert portion includes building debris, rubble, earth and concrete etc. which are suitable for land reclamation and site formation. These are sorted on site by the contractor and then delivered to public fill reception facilities for disposal.

The non-inert portion comprises bamboo, timber, vegetation, packaging waste and other organic materials which are not suitable for land reclamation and site formation. These are recovered as far as possible for reuse/recycling. The remaining portion is disposed of at landfill sites.

Determination of the designated public fill reception facility for C&D materials disposal

For all contracts that are expected to generate inert C&D materials requiring disposal from the site, the project office shall apply to the Public Fill Committee (PFC) of Civil Engineering and Development Department (CEDD) for a designated disposal ground for incorporation into the tender documents. The PFC will designate a public fill reception facility for the contract.

Determination of the designated landfill site for C&D waste disposal

For contracts where the estimated amount of non-inert C&D waste requiring disposal at landfill sites equal to or exceed 50m³, the project office shall seek confirmation from the Director of Environmental Protection (DEP) as to whether landfill sites will be available for disposal of such materials. The DEP will designate a landfill site for the contract.

- 2 -

Disposal of C&D waste at construction waste sorting facilities

C&D waste mixed with a large amount of inert materials is sorted at the sorting facilities. The purpose is to separate the inert portion from the non-inert, prior to disposal of the materials/waste to the appropriate outlets. Public works contracts usually do not require the delivery of C&D waste to sorting facilities, as the waste generated from the works is already sorted on-site prior to disposal. In addition, the contractors are required to adopt a waste management or environmental management plan to minimize generation of C&D materials at source.

The works agent will closely monitor the contractor of a public works contract to ensure that the sorted C&D materials/waste are properly delivered to the designated public fill reception facility/landfill for disposal. The contractor is required to open a billing account with Environmental Protection Department (EPD) at the start of a contract. Based on the estimated volume of C&D materials/waste, the contractor will buy a number of chit tickets from EPD for disposal of the sorted C&D materials/waste. The charging rates of the C&D materials/waste are –

Government Waste Disposal Facilities	Acceptance Criteria of C&D Materials	Charge per tonne [#]
Public Fill Reception Facilities	Consisting entirely of inert construction waste ^{**}	\$27
Construction Waste Sorting Facilities	Containing more than 50% by weight of inert construction waste ^{**}	\$100
Landfills [@]	Containing not more than 50% by weight of inert construction waste ^{**}	\$125
Outlying Islands Transfer Facilities [@]	Containing any percentage of inert construction waste ^{**}	\$125

- 3 -

Except for the Outlying Islands Transfer Facilities, the minimum charge load is 1 tonne, i.e. if a load of waste weighs 1 tonne or less, it will be charged as 1 tonne. A load of waste weighing more than 1 tonne will be charged at 0.1 tonne increment. For Outlying Islands Transfer Facilities, the charge is \$12.5 per 0.1 tonne and the minimum charge load is 0.1 tonne.

++ Inert construction waste means rock, rubble, boulder, earth, soil, sand, concrete, asphalt, brick, tile, masonry or used bentonite.

@ If a load of waste contains construction waste and other waste, that load will be regarded as consisting entirely of construction waste for the purpose of calculating the applicable charge.

At each delivery of C&D materials/waste, the site supervisory staff will sign a disposal delivery form (DDF) encoded with a barcode and give it to the driver of the C&D materials/waste vehicle. The driver will bring the DDF together with the chit ticket for each run of C&D materials/waste delivery to the public fill reception facility/landfill. Upon arrival at the public fill reception facility/landfill, the reception staff will collect the chit ticket and chop the DDF. The barcode of the DDF is encoded to record that the C&D materials/waste from that particular project have been delivered to the designated public fill reception facility/landfill. The site supervisory staff and the contractor can check on-line by browsing CEDD's website afterwards to ascertain whether the C&D materials/waste have been properly delivered and disposed. The contractor will also keep a full record of the chopped DDFs for audit checking in case of doubt.