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Group : 5, 12

17 July 2001

Works Bureau Technical Circular No. 25/99C

**Incorporation of Information on
Construction and Demolition Material Management
in Public Works Subcommittee Papers**

Scope

This Circular supplements WBTC No. 25/99 and 25/99A and specifies additional information on construction and demolition (C&D) material that must be included in Public Works Subcommittee (PWSC) papers.

Effective Date

2. This Circular shall take immediate effect.

Effect on Existing Circulars

3. This Circular supersedes WBTC No. 25/99B and shall be read in conjunction with WBTC No. 25/99 and 25/99A.

Policy

4. The PWSC has requested that the project proponents of projects to be upgraded to Category A in the Public Works Programme (PWP) for the implementation of construction works shall include the following information in the section "Environmental Implications" of the PWSC paper:

- (a) the estimated quantity of C&D material to be generated;

- (b) the estimated quantity of C&D material to be reused on site and/or other project site(s);
- (c) the estimated quantity of C&D material to be delivered to and reused in public filling areas;
- (d) the estimated quantity of C&D material to be disposed of at landfills; and
- (e) the notional cost of accommodating C&D material at landfill sites.

5. A standard paragraph for the above required information is at Appendix A. This paragraph **must be included** in the section "Environmental Implications" of the PWSC paper for all projects to be upgraded to Category A in the PWP for the implementation of construction works. The standard paragraph has been agreed by Finance Bureau and Environmental Protection Department.

Subsumed

(W S Chan)
Deputy Secretary (Works Policy)

Standard Paragraph and footnotes to be included in PWSC Paper

Project proponents of projects to be upgraded to Category A in the PWP for the implementation of construction works **must** include the following standard paragraph and the standard footnotes below in the section "Environmental Implications" of the PWSC paper:

Standard paragraph:

"We estimate that about ____ cubic metres (m^3) of C&D materials will be generated by the project. Of these, about ____ m^3 (____%) will be reused on site*, ____ m^3 (____%) will be reused on other project site(s)#, ____ m^3 (____%) will be reused as fill in public filling areas^(a) and ____ m^3 (____%) will be disposed of at landfills. The notional cost of accommodating C&D waste at landfill sites is estimated to be \$____ for this project (based on a notional^(b) unit cost of \$125/ m^3)."

Standard footnotes:

- (a) A public filling area is a designated part of a development project that accepts public fill for reclamation purposes. Disposal of public fill in a public filling area requires a licence issued by the Director of Civil Engineering.
- (b) 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 at \$90/ m^3), 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.

Note :

1. Fill in the estimated quantities in the blanks.
2. The percentages in brackets refer to the relevant percentages with reference to the C&D materials generated by the project.

* If no C&D materials will be reused on site, delete this phrase.

If no C&D materials will be reused on other project sites, delete this phrase.