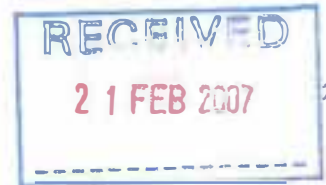


Halcrow Group Limited

16 Abercromby Place Edinburgh EH3 6LB
Tel +44 (0)131 272 3300 Fax +44 (0)131 272 3301
halcrow.com

EDINBURGH TRAM PROJECT DESIGN OFFICE	
REFERENCE NO	
DISCIPLINE <i>PHW</i>	
ACTION <i>DP</i>	COPY <i>AD SR JB KS</i>



22 Feb

Parsons Brinckerhoff
SDS Design Office
Citypoint
Haymarket Terrace
Edinburgh

For the attention of Mr S Reynolds - Project Director

16 February 2007

Our ref TMUSDS/2/43
Your ref ULE90130

Dear Mr Reynolds

**Edinburgh Tram SDS Halcrow Subcontract
Utilities Detailed Design – SUC Failure to Respond**

I confirm in this letter my verbal advice to your Messrs Dolan & Pluse on 14 February 2007 regarding the status of Statutory Utility Companies' responses to our Detailed Design submissions. In accordance with the terms of Clause 7.4 of our Subcontract Agreement with yourselves, I have to advise you that the SUCs' delay in responding with an approval, qualified or otherwise, within the nominal 20-day programme allowance made by yourselves in drawing up the SDS Detailed Design Programme, will have a knock-on delay effect on all subsequent utility design activities for which Halcrow are responsible. The expected consequence has been reflected in Halcrow's TCR programme report this week.

Section 3B (issued to SUCs 22 December 2006)

- (i) **Scottish Water (Clean)** – Meeting held 31 January 2007. SW(C) stated that technical approval was dependant on SW(C) operational assessment and SDS' proposals had not yet been passed to the operations department. SW(C) stated that they were “unable to complete the required operational modelling and technical approval within the SDS design programme 20-day SUC approval assumption”.
- (ii) **Scottish Water (Foul)** – Atkins now appointed by SW to deal with SDS proposals. Series of meetings held. ~~tie~~ presently in dialogue with SW(F) to scope the necessary sewer CCTV and level surveys that would enable SW(F) to assess SDS' design – requested of SW(F) by SDS in June 2006.
- (iii) **Scotland Gas Networks** – Gas & Utility Technology now appointed by SGN to deal with SDS proposals. Meeting held 17 January 2007. Written comments on submitted designs received. G&UT on behalf of SGN stated that “technical approval would only be considered

once present unknowns in relation to frozen alignment, track form detail, and apparatus protection proposals during infrastructure work, were provided by **tie**".

- (iv) **Scottish Power** – Further copies of submitted drawings provided. SP stated that a response might be available mid-February.
- (v) **BT** – BT "C4" response received, requested amendments and corrections to submitted drawings being incorporated. Regular meetings with BT being held.
- (vi) **Telewest** – Telewest "C4" response received, requested amendments to submitted drawings are already incorporated. Technical sign-off by Telewest stated as "only possible once contractual issues with **tie** finalised".
- (vii) **Thus** – Thus "C4" response received, requested amendments to submitted drawings are already incorporated.
- (viii) **Cable & Wireless** - Atkins now appointed by C&W to deal with SDS proposals. First meeting held 26 January 2007. SDS requested by Atkins to re-submit drawings direct to them.

Section 1A (issued to SUCs 15 January 2007)

- (i) **Scottish Water (Clean)** – Meeting held 14 February 2007. Status and SW(C) position as for Section 3B.
- (ii) **Scottish Water (Foul)** – Status and SW(F) position as for Section 3B.
- (iii) **Scotland Gas Networks** – No meeting held to date but written comments on submitted designs received. SGN position as for Section 3B.
- (iv) **Scottish Power** – SP position as for Section 3B.
- (v) **BT** – BT "C4" response stated as being "some weeks off". BT resource undertaking assessment only part-time and being distracted by AMIS requests for early detail of proposed trial area solution. Again, regular meetings with BT being held.
- (vi) **Telewest** - Telewest own second survey of plant now received, detail being incorporated into drawings for discussion with Telewest.
- (vii) **Thus** – No plant in Section, but **tie** to be requested by Thus to incorporate under-track crossing capacity for future customers.
- (viii) **Cable & Wireless** – C&W position as for Section 3B
- (ix) **Forth Ports** – Three entities within FP (Ocean Terminal, Property Development & Port Authority) hold apparatus records separately for each. Further information being requested to ensure completeness of SDS proposals.


Yours sincerely


D. C. Simmons

Halcrow Project Director