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**From:** Roger Jones [Roger.Jones@transdevplc.co.uk]  
**Sent:** 27 November 2006 15:47  
**To:** Gavin Murray  
**Cc:** Daniel Persson; Ray Millar - TSS; Alastair Richards - TEL; Jim Harries (Transdev); ailsa mcgregor  
**Subject:** RE: SDS Deliverables FOR INFORMATION - Updated on Extranet - 21.11.06

Gavin,

The Transdev Response to this document is as follows:

- The document purpose is unclear in the overall suite of documents.
- Clearly SDS could use as a contractual vehicle in the future; care is therefore needed in what is included.
- The document is fundamentally flawed in that the degree of detail is so variable between disciplines. Detail consistent with that under 8 Tramstops would be a good start.
- The single iteration referred to under 1 General (last para) is key to programme assumptions. Is this in line with **tie**'s programme assumption?
- There is nothing on the approach to key interfaces.
- There is no clarity on the relative assumed scope of design between SDS and Infraco. This could be considered not relevant to the document as presented, but we feel is important for **tie** and us all to be clear. This is of course most relevant to the E&M elements, where it is vital to understand the respective scopes of work against the procurement background.
- The following elements of the works do not appear to be covered (list not intended to be complete):
  - Structures in general (degree of detailed design)
  - Ductwork
  - Environmental (Fauna management, noise, vibration etc)
  - Earthworks
  - Trackforms; Permanent Way (inc. P&C control etc)
  - Depot equipment and tools
  - OLE layouts and componentry
  - Traction power
  - LV power
  - Traffic signalling
  - SCC generally
  - Landscaping (Hard, soft)

Overall we feel the document as presented is not useful.

Regards,  
*Roger*

Roger Jones  
Project Engineer, Transdev Edinburgh Tram  
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Mobile: [REDACTED]

-----Original Message-----

**From:** Gavin Murray [mailto:Gavin.Murray@tie.ltd.uk]  
**Sent:** 22 November 2006 14:12  
**To:** Ray Millar - TSS; Alastair Richards - TEL  
**Cc:** Roger Jones; Daniel Persson  
**Subject:** FW: SDS Deliverables FOR INFORMATION - Updated on Extranet - 21.11.06

Gents

A deliverable from SDS (Submitted for information however the line we are currently taking is to ensure we get an Record of Review regardless so please could you progress.

Regards

Gavin Murray  
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for more information on Transport Edinburgh go to: [www.transport-edinburgh.org.uk](http://www.transport-edinburgh.org.uk)

## delivering transport projects

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**From:** Stewart Hardy

**Sent:** 21 November 2006 15:28

**To:** Ailsa McGregor

**Cc:** Gavin Murray; Daniel Persson

**Subject:** SDS Deliverables FOR INFORMATION - Updated on Extranet - 21.11.06

Dear all,

We have received the following documents from SDS **FOR INFORMATION**. I have now uploaded this document to the Extranet today (see below).

### RECEIVED FOR INFORMATION

40	80	REP	1,910	Edinburgh Project Detailed Design Plan Assumptions and Constraints Report	ULE90130-SW-REP-00302	<a href="https://extranet.tie.ltd.uk:8443/Trams/SDS%20TSS%20System%20Wide/40-80-REP-001910.pdf">https://extranet.tie.ltd.uk:8443/Trams/SDS%20TSS%20System%20Wide/40-80-REP-001910.pdf</a>
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Thanks,

Stewart.

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