


**BBS Consortium  
Design Meeting  
Edinburgh Tram Network  
“Infraco” Stage 2 Bid**




<b>Date</b>	<b>23<sup>rd</sup> January 2007</b>	<b>Time</b>	<b>1230</b>
<b>Venue</b>	<b>tie</b>		
<b>Agenda Design Meeting</b>			
<b>1</b>	<b>Design Programme for Stage 2</b> <ul style="list-style-type: none"> <li>• Design for quantity take off</li> <li>• Change process</li> <li>• Design freeze</li> <li>• Designer information for contractor’s proposals</li> <li>• Level of design in SDS contract</li> </ul>		
	<b>Civil &amp; Track</b>		
<b>2</b>	<b>Track</b> <ul style="list-style-type: none"> <li>• Requirements for quantity take off</li> <li>• Cross section</li> <li>• CBR Requirements (see also geotechnics)</li> <li>• Drainage</li> <li>• Ducts</li> <li>• Finishes</li> </ul>		
<b>3</b>	<b>Structures</b> <ol style="list-style-type: none"> <li>1. Requirements for Quantity Take off</li> <li>2. Bored Piling <ul style="list-style-type: none"> <li>• Loads</li> <li>• Rock sockets</li> </ul> </li> <li>3. Anchors <ul style="list-style-type: none"> <li>• Loads</li> <li>• Anchorage lengths</li> </ul> </li> <li>4. Reinforced Concrete <ul style="list-style-type: none"> <li>• Dimensions</li> <li>• Reinforcement content</li> </ul> </li> </ol>		
	<ol style="list-style-type: none"> <li>5. Structural Steel <ul style="list-style-type: none"> <li>• Section sizes</li> <li>• Flange/ web thickness/ tonnage</li> </ul> </li> </ol>		

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	5. Finishes <ul style="list-style-type: none"> <li>• Waterproofing</li> <li>• Parapets</li> <li>• Joints</li> </ul>
<b>4</b>	<b>Roads</b> <ul style="list-style-type: none"> <li>• Pavement construction, materials and depths footway</li> <li>• Kerb Schedule</li> <li>• Drainage</li> <li>• Lighting</li> </ul>
<b>5</b>	<b>Earthworks/ Geotechnics</b> Interpretative report <ul style="list-style-type: none"> <li>• Track</li> <li>• Roads</li> <li>• Acceptable material in cuttings and excavations</li> </ul>
<b>6</b>	<b>Systems</b> Electrification Tram detection and control <ul style="list-style-type: none"> <li>• Overall system requirements and architecture</li> <li>• Standard solutions</li> </ul> Communications

**List of Attendees**

<b>Name</b>	<b>Department</b>
Roland Halliday	BB UK
Steve Sharp	BB UK
Bernd Kasusckhe	BB Civil
Scott McFadzen	BB UK
Steve Wright	Siemens
Michael Muller	Siemens Track
Goeran Wendt	Siemens Electrification
Rolland Meisel	Siemens Electrification
Detlef Dewenskus	Siemens
Richard Shaw	Siemens Control
Guido de Bakker	Siemens Tram Detection and

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	signalling
A N Other	Siemens
A N Other	Siemens