

# EDINBURGH TRAM NETWORK

## Monthly Project Report July 2011



## Monthly Report Major Projects

**Project: Edinburgh Tram Network**

**Reporting Period: July 2011**

### TABLE OF CONTENTS

#### 1. Executive Summary

- 1.01 Project Overview Charts
- 1.02 Short Note on Overview Charts
- 1.03 General Information
- 1.04 Performance Sheet
- 1.05 Weighted Result with Chances and Risks

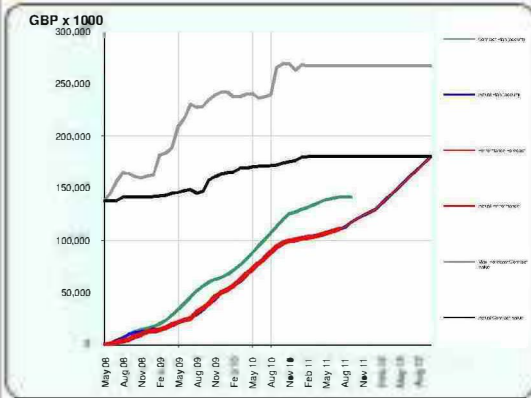
#### 2. Performance Report

- 2.01 Cost Reconciliation Sheet
- 2.02 Construction Programme n/a
- 2.03 Comparison of Relevant Basic Data - Figures shown in Table n/a
- 2.04 Comparison of Relevant Basic Data - Figures shown in Diagrams n/a
- 2.05 Organisation Chart
- 2.06 Staff Chart
- 2.07 Plant & Equipment List n/a
- 2.08a Approved Change Orders
- 2.08b Unapproved Changes
- 2.09 Payment Status
- 2.10 Subcontracts n/a
- 2.11 Monthly Report on Quality Management
- 2.12 Safety Information System - SIS
- 2.13 Project Photographs

#### 3. Attachments

- 3.01 Overview Movements of Contingencies
- 3.02 Design - Drawing Status

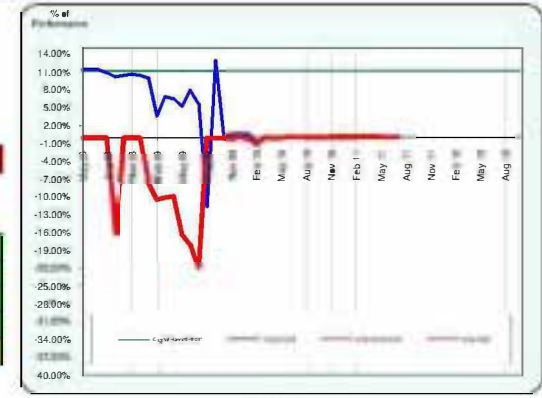
1.01 Project Overview Charts



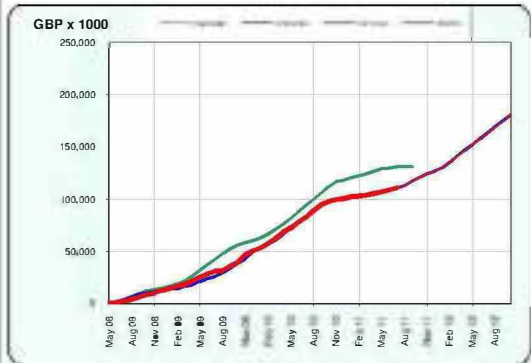
Performance

	Contract Plan (Rev.1)	Revised Plan (actual)	Forecast (Rev 3A)	Actual	Status Figures
Construction start date	15-May-08			15-May-08	
Construction end date	16-Jul-11	05-Jun-12	20-Nov-13		17.5 month <span style="color:red">red</span>
Total contract value [GBPx1000]	141,509			180,368	
Claims / Variations approved				46,086	
Claims / Variations not approved				86,764	
Performance		110,976		111,035	100.1% <span style="color:green">green</span>
Actual Cost to Date				111,005	100.0% <span style="color:green">green</span>
Result	11.07%	-0.15%	-0.15%	0.03%	0.00% <span style="color:green">green</span>
Payment Status		110,874		117,277	105.8% <span style="color:green">green</span>
Av.Perf/mth: Rem. & act. 3mth			5.778	1,856	<span style="color:yellow">yellow</span>

Project Key Figures



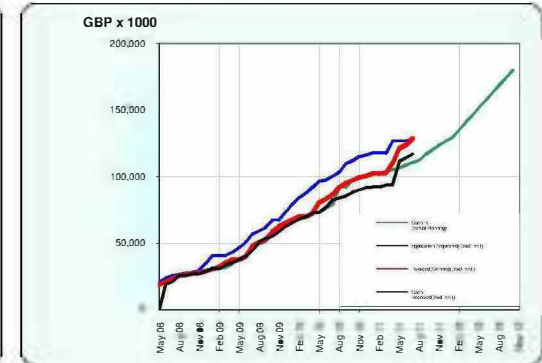
Project Result



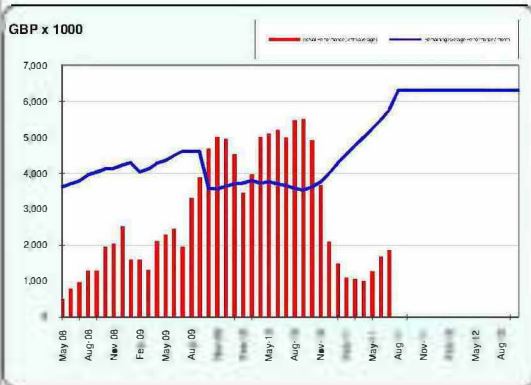
Project Cost



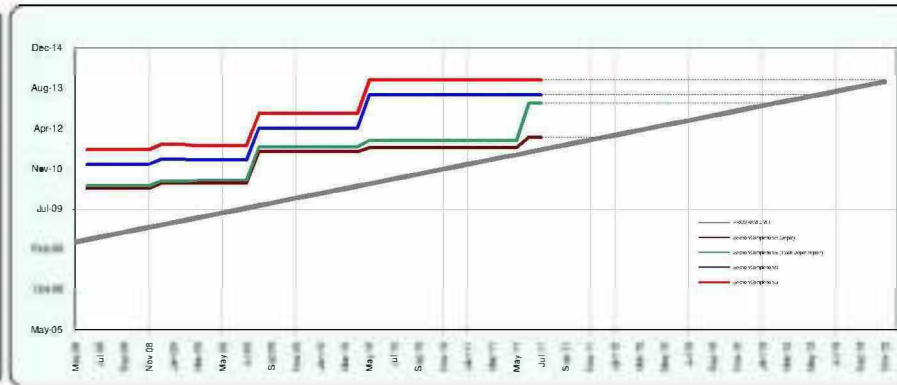
Cashflow



Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev 3A)



Contingencies vs Risks

## 1.02 Short note on Overview Charts

<b>1.2.1</b>	<b>Performance</b>																
<p>Due to the contractual stand off situation with tie, cessation of all unapproved works was established early October 2010 and was effecting works on approved changes. Progress of works was limited to execution of approved changes or Original Contract Works. Works at Depot Access Bridge, Depot Building and some external works at the Depot Area were performed on this basis only. After mediation a defined schedule for a limited work scope was agreed (Prioritised Works) and those works are currently under execution.</p>																	
<b>1.2.2</b>	<b>Project Cost</b>																
<p>The main cost overrun is still due to cost and resource increases mainly caused by:</p> <ul style="list-style-type: none"> <li>- subcontracts (standby claims, additional works)</li> <li>- extension of time (staff, financial, running site)</li> <li>- consultants and design works</li> <li>- insurances and bonds</li> <li>- cost for legal fees</li> </ul> <p>Strict control measures on expenditures, employment etc. have been established as well as monthly cost control meetings with the relevant site management to increase awareness and effectiveness of cost control.</p>																	
<b>1.2.3</b>	<b>Project Result</b>																
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">The monthly cumulative results adds up to</td> <td style="width: 15%; text-align: right;">£29,590</td> <td style="width: 10%; text-align: center;">or</td> <td style="width: 15%; text-align: right;">0.03%</td> </tr> <tr> <td>The forecast/planned result shows</td> <td style="text-align: right;">-£262,082</td> <td style="text-align: center;">or</td> <td style="text-align: right;">-0.15%</td> </tr> <tr> <td colspan="4">caused by the fluent situation of the project, i.e. no agreement on more than 200 changes, time extension and fundamental contractual disagreements, i.e. Value Engineering, Provisional Sums. Under the current circumstances and expecting additional revenue as shown in the R&amp;O Sheet the project will result in a weighted margin of</td> </tr> <tr> <td></td> <td style="text-align: right;">£14,816</td> <td style="text-align: center;">or</td> <td style="text-align: right;">7.07%</td> </tr> </table> <p>To secure a low risk profile the contractual team has been strengthened to facilitate a positive outcome on the legal disputes.</p>		The monthly cumulative results adds up to	£29,590	or	0.03%	The forecast/planned result shows	-£262,082	or	-0.15%	caused by the fluent situation of the project, i.e. no agreement on more than 200 changes, time extension and fundamental contractual disagreements, i.e. Value Engineering, Provisional Sums. Under the current circumstances and expecting additional revenue as shown in the R&O Sheet the project will result in a weighted margin of					£14,816	or	7.07%
The monthly cumulative results adds up to	£29,590	or	0.03%														
The forecast/planned result shows	-£262,082	or	-0.15%														
caused by the fluent situation of the project, i.e. no agreement on more than 200 changes, time extension and fundamental contractual disagreements, i.e. Value Engineering, Provisional Sums. Under the current circumstances and expecting additional revenue as shown in the R&O Sheet the project will result in a weighted margin of																	
	£14,816	or	7.07%														
<b>1.2.4</b>	<b>Payment Status</b>																
<p>The payments from the client CEC remain in the timeschedule as agreed after Mediation.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Invoiced net to the client:</td> <td style="width: 15%; text-align: right;">£128,922,359.30</td> <td style="width: 10%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>Paid net from the client:</td> <td style="text-align: right;"><u>£117,277,310.37</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;"><i>Variance</i> £11,645,048.93</td> <td></td> <td></td> </tr> </table> <p>The variance above incl. an amount of £9,476,254.00 for not certified but invoiced prelims and an amount of £2,168,794.93 on certified construction works to be paid next month.</p>		Invoiced net to the client:	£128,922,359.30			Paid net from the client:	<u>£117,277,310.37</u>				<i>Variance</i> £11,645,048.93						
Invoiced net to the client:	£128,922,359.30																
Paid net from the client:	<u>£117,277,310.37</u>																
	<i>Variance</i> £11,645,048.93																
<b>1.2.5</b>	<b>Cashflow</b>																
<p>The ETN project cash flow increased further positive. For the above mentioned limited scope a milestone schedule for payments could be agreed in timely manner securing a positive cash forecast.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Cash in net:</td> <td style="width: 30%; text-align: right;">£118,009,261.55</td> <td style="width: 40%; text-align: right;">(incl. interest income)</td> </tr> <tr> <td>Cash out net:</td> <td style="text-align: right;">£104,511,698.55</td> <td></td> </tr> <tr> <td>Cash balance net:</td> <td style="text-align: right;">£13,497,563.00</td> <td></td> </tr> </table>		Cash in net:	£118,009,261.55	(incl. interest income)	Cash out net:	£104,511,698.55		Cash balance net:	£13,497,563.00								
Cash in net:	£118,009,261.55	(incl. interest income)															
Cash out net:	£104,511,698.55																
Cash balance net:	£13,497,563.00																
<b>1.2.6</b>	<b>Contingencies</b>																
<p>The value for the remaining in the tender estimated contingencies is stable about:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 25%; text-align: right;">£5,019,788.00</td> <td style="width: 25%; text-align: right;">(see attachment 3.01)</td> </tr> </table>			£5,019,788.00	(see attachment 3.01)													
	£5,019,788.00	(see attachment 3.01)															
<b>1.2.7</b>	<b>Construction Programme</b>																
<p>The revised Contract Programme shows the agreed 7 1/2 weeks extension of time for EOT1 (up to 06 September 2011) plus the in November 2009 by tie confirmed initial entitlement of 9 months relief on LD's for EOT2A (up to 05 June 2012), in total 11 months.</p> <p>Rev 3A programme was submitted to tie indicating an entitlement for prolongation up to 20 November 2013 (in total 28 months). This programme was rejected by tie.</p> <p>MUDFA 2 programme was submitted to tie indicating an entitlement for prolongation on the MUDFA element only, with a base data date of 31 July 2010, up to 10 December 2012 (in total 15 months).</p> <p>A new programme based on the outcome of the mediation is currently under preparation. Under MoV4 signed in June the new Sectional A date was agreed (16/12/2011). Following the Sectional B date was extended to the 07/02/2013.</p>																	

**1.03 General Information**

**1.3.1 Short note on progress, events this month**

Mobilisation : Preparation for restart of all construction works from 02/09/2011 ongoing.

Design:  
 Production of civil and building drawings in accordance with the original design is 98.2% complete. In general earthworks, roads, track, structures and depot drawings are available. Drawings for substations and tramstops are completed.  
 Civil drawings, revised to incorporate Siemens design (trackform including vibration isolation, OLE foundations, substations) are largely complete. Drawings are being prioritised to support construction.  
 Resolution of technical interfaces and production of an integrated design, together with necessary system assurance and production of the case for safety, are ongoing within the design management team.  
 SDS is progressing the remaining to achieve an completion of the core design by August 2011. Further instructions to perform additional conceptual design options were received and will be completed towards the end of the year.

Procurement :  
 Agreed Prioritised Works were under execution during July.

Construction :  
 Off-Street works have continued at Depot Access Bridge, Depot Building, external Depot works, Haymarket Yards, A8 Underpass and on a Mini Test Track in front of the Depot.  
 Remobilisation for restart of works on Princes Street in September ongoing.

Contract :  
 Negotiations on Minute of Variation for a new work scope (MoV5) are ongoing.  
 As a first step Minute of Variation for Prioritised Works starting 03 May 2011 has been be agreed on the 15 April 2011.

**1.3.2 Significant extraordinary events**

Date	Description	Remarks

**1.3.3 Recent important agreements with the Employer or instructions having significant consequences**

Date	Description	Remarks

**1.3.4 Status on Major Unapproved Claims / Variations / Changes**

797 change items notified to date 106 by tie and 691 by Infracore).  
 136 of these have been superseded by further changes or withdrawn.  
 75 of the remaining changes have a delay only impact and are covered through the MUDFA/EOT-Claims, whereof 4 are submitted to date and 1 change were received.  
 Therefore there are 586 changes requiring design and construction estimates.  
 490 changes are submitted.  
 Of this 205 changes were confirmed by tie. Further 5 small works changes were received.  
 285 submitted changes are under review in tie.  
 96 estimates are to be submitted whereof:  
 - 31 are design only  
 - 16 are awaiting design information  
**==> no further action on these changes, will be covered through MoV5**

**1.04 Performance Sheet**

<b>1. General Information</b>		<b>2. Construction Period</b>		Original Contract	Revised Contract	Variance
Client:	lie LIMITED	Construction start date	15-May-08	15-May-08	0 days	
Leadership:	BILFINGER BERGER UK LIMITED	Construction end date	16-Jul-11	05-Jun-12	325 days	
	Share: 100%	Total excl. Site Removal	38 month	49 month	128 %	
	Share: 0%	Expired construction time	38.5 month	38.5 month	79 %	
Currency:	GBP Rp. (all amounts without V.A.T.)	Performance to date	111,034,979 GBP		62 %	
Rate of Exchange Top Sheet:	1 GBP= 1.25 EUR	Actual:	1.14	EUR		

<b>2. Total Contract Value</b>	Date of Contract	Total Previous Month	July 2011	Total Reporting Month
Contract Value with Client (first evaluation)	141,508,815 (incl. SDS NovaAgree)			
Contract Value with Client (revised evaluation)	134,281,209 (incl. SDS NovaAgree)	180,367,654	134.3%	180,367,654
Contract Value with 3rd Parties (without interest)		0	0.0%	0
		180,367,654	134.3%	180,367,654

<b>3 Approved Changes total</b>	46,086,445	34.3%	0	46,086,445	34.3%
---------------------------------	------------	-------	---	------------	-------

<b>3a. Provisional Sums</b>	Total Previous Month	July 2011	Total Reporting Month
SDS Novation Agreement Provisional Sums	3,079,331	2.3%	0
Defined Provisional Sums	181,489	0.1%	0
Undefined Provisional Sums	789,819	0.6%	0

<b>3b. Claims and Variations</b>	Total Previous Month	July 2011	Total Reporting Month
Claims and Variations approved (= Total VOs Approved - 3a Provisional Sums)	42,035,806	31.3%	0
Claims and Variations submitted but not approved yet	76,055,821	56.6%	0
Claims and Variations under preparation	10,708,277	8.0%	0

<b>4a. Performance</b>	Total Previous Month	July 2011	Total Reporting Month
Performance for Actual Contract Value with Client	109,098,415	60.49%	1,936,564
Performance for 3rd Parties (without interest)	0	0.00%	0
Total Performance to Date	109,098,415	60.49%	1,936,564
Remaining Performance to Date	71,269,239	39.51%	69,332,675
Actual Planned Performance (Planned Performance per report date - Performance Last Month)	109,098,415	60.49%	1,878,005

<b>4b. Cost</b>	Total Previous Month	July 2011	Total Reporting Month
Actual Cost at Reporting Date	109,121,810	60.50%	1,883,579

<b>5. Result</b>	Date of Contract	Total Previous Month	July 2011	Total Reporting Month
Planned Result for Contract with Client (first evaluation)	15,670,750 11.07%			
Planned Result for Contract with Client (revised evaluation)	8,443,144 6.29%	11,741,934	6.51%	11,741,934
Actual Result at Reporting Date		-23,395	-0.02%	52,985
Forecast Result at the End of Contract		-265,189	-0.15%	3,107
Weighted Result at the End of Contract (Likely Case)		14,813,325	7.07%	3,107

<b>6. Invoices, Payment and Bank account</b>	Total Previous Month	July 2011	Total Reporting Month	
Application to the client - excl. VAT	incl. Ret. Money 0.00%	126,901,837	70.36%	2,020,522
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money 0.00%	124,007,430	68.75%	4,914,929
Cash in from the client - excl. VAT	excl. Ret. Money 0.00%	114,531,176	63.50%	2,746,134
Cash in from 3rd Parties - excl. VAT		0	0.00%	0
Interest income		707,890	0.65%	24,061
Cash out (excl. VAT)		103,156,935	57.19%	1,354,764
Net Liquidity	cred:line 0%	12,062,131	6.70%	1,415,432

<b>7. Subcontractor Work (incl. Design)</b>	Total Previous Month	July 2011	Total Reporting Month
Total Portion of Subcontractor Budget	60,353,024 (incl. SDS) 44.95%	120,302,871	66.70%
Total Amount of signed Subcontracts incl. approved Variation Order		0	0.00%
Total Subcontractor Result to date		0	0.00%
Actual Subcontractor Costs to date (incl. Accruals)		0	0.00%
Therefrom invoiced to date		0	0.00%

**8. Actual Forecast for Performance and Result** in **TSD GBP**

Performance	Original planned			
	2008	2009	2010	2011
Jan	1,706	2,786	2,346	
Feb	2,526	4,026	2,026	
Mar	3,526	5,026	2,526	
Apr	4,526	5,276	2,526	
May	855	5,776	6,026	2,526
Jun	1,355	5,776	6,526	1,026
Jul	2,375	5,776	6,526	1,026
Aug	2,855	6,026	6,526	
Sep	3,055	4,626	6,526	
Oct	2,855	4,026	6,526	
Nov	1,535	2,526	5,026	
Dez	1,446	1,866	1,706	
<b>Total</b>	<b>16,334</b>	<b>48,678</b>	<b>62,498</b>	<b>13,999</b>

Linear Calculation

Performance	Actual / Forecast				
	2008	2009	2010	2011	2012
	584	2,632	1,573	3,139	
	1,739	4,077	815	5,583	
	1,579	5,170	788	5,583	
	3,035	5,755	1,424	5,583	
	500	2,268	4,337	1,574	5,583
	1,052	2,049	5,492	2,056	5,583
	1,331	1,531	5,112	1,937	5,583
	1,465	6,312	5,779	1,909	5,583
	1,047	3,783	5,590	4,308	5,583
	3,340	3,931	3,375	3,558	5,583
	1,725	7,288	2,022	3,558	
	2,481	3,635	852	2,615	
<b>Total</b>	<b>12,940</b>	<b>37,734</b>	<b>50,195</b>	<b>26,114</b>	<b>53,385</b>

total: 180,368

Yearly Forecast		
Performance and Result in 2008		
Performance	12,940,002	7.2%
Result	21	0.00%
Performance and Result in 2009		
Performance	37,733,662	20.9%
Result	-2	0.00%
Performance and Result in 2010		
Performance	50,194,652	27.8%
Result	0	0.00%
Performance and Result in 2011		
Performance	26,114,243	14.5%
Result	3	0.00%
Performance and Result in 2012		
Performance	53,385,798	29.6%
Result	-262,083	-0.49%
Total Performance and Result		
Performance	180,367,855	100.0%
Result	-262,083	-0.15%

Edinburgh, 21/08/2011

Place and Date M-Förder, Project Director


Edinburgh, 21/08/2011

Place and Date C Gebauer, Project Control Manager

**1.05 Weighted Result with Chances and Risks**

Revenue		best case	likely case	worst case	Cost		best case	likely case	worst case
		' GBP	' GBP	' GBP			' GBP	' GBP	' GBP
1	Actual Contract Value according to Job Site Estimate incl. Approved Integrated Changes	180,368	180,368	180,368	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-180,629	-180,629	-180,629
2	Unapproved, but in Job Site Estimate Integrated Changes	8,114	4,377	2,242	2	Unapproved, but in Job Site Estimate Integrated Changes			
3	Total unapproved Changes	8,114	4,377	2,242	3	Total unapproved Changes	0	0	0
4.2					4.2	EOT3A - Cost	-13,225	-14,225	-16,225
4.3					4.3				
4.4					4.4				
4.5					4.5				
4.6					4.6				
4.7					4.7				
4.8					4.8				
4.9					4.9				
4.10					4.10				
4.11					4.11				
4.12					4.12				
4.13					4.13				
4.14					4.14				
4.15					4.15				
Σ 4.1 : 4.20	Risks not included in JSE	0	0	0	Σ 4.1 : 4.20	Risks not included in JSE	-13,225	-14,225	-16,225
5.1	Back Flow of Value Engineering	3,425	2,925	0	5.1				
5.2	Change Order EOT2b	7,553	6,600	3,300	5.2				
5.3	Change Order EOT3A	17,624	15,400	7,700	5.3				
5.4					5.4				
5.5					5.5				
5.6					5.6				
5.7					5.7				
5.8					5.8				
5.9					5.9				
5.10					5.10				
5.11					5.11				
5.12					5.12				
5.13					5.13				
5.14					5.14				
5.15					5.15				
Σ 5.1 : 5.20	Chances	28,602	24,925	11,000	Σ 5.1 : 5.20	Chances	0	0	0
6 =1+3+4+5	Forecast Final Revenue	217,084	209,670	193,610	6 =1+3+4+5	Forecast Final Costs	-193,854	-194,854	-196,854

	Costs	best case	likely case	worst case
Forecast Final Result ( <b>best case</b> ) (Revenue Best Case + Forecast Cost all cases)	Revenue	217,084		
	Costs	-193,854		
	<b>Result</b>	<b>23,230</b>		
% Gross Margin based on Revenue Best Case	Revenue: 217,084	10.70%		
Forecast Final Result ( <b>most likely case</b> ) (Revenue most likely case + Forecast Costs all cases)	Revenue		209,670	
	Costs		-194,854	
	<b>Result</b>		<b>14,816</b>	
% Gross Margin based on Revenue Likely Case	Revenue: 209,670		7.07%	
Forecast Final Result ( <b>worst case</b> ) (Revenue worst case + Forecast Costs all cases)	Revenue			193,610
	Costs			-196,854
	<b>Result</b>			<b>-3,244</b>
% Gross Margin based on Revenue Worst Case	Revenue: 193,610			-1.68%
Gross Margin previous month ( <b>most likely case</b> )		10.70%	7.07%	-1.68%

	Project: <b>Edinburgh Tram Network</b> as per: <b>31/07/2011</b>	
<b>2.01 Cost Reconciliation Sheet</b>		
<b>see following pages</b>		



Project: GB-2006-1001AK37 Edinburgh Tram 2011\_07  
Reporting Month: 39. RP 07.2011, 31/07/2011

**COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)**

Currency: GBP

WORK / COST CODES		TO DATE								CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL						
Work / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allowable incl. agreed VO's	Allowable for unapproved VO's 7	Variance to Date 8=(6-7)+5	Revised DJC 10x(1)JC-Rate 9	Variance to Date 10 = 9 - 5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 1	Budget unapp. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJC AQty. 19	% Complete 20=9/19	Cost to Complete (AQty) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (Linear) 24=8/20	
Evaluation with Activity Model: Rev.5_20110630																								
25.1.201.31	Section 1A1+1A2 - TBA	3,387,257	4,261	3,391,518	1,894,042	868,115	-629,361	3,364,032	-27,486	2,220	0	-2,220	7,376,522	7,376,522	229,000	868,115	8,473,641	9,366,326	35.92 %	6,002,294	9,393,812	-920,171	-1,752,119	
25.1.201.32	Section 1A3 - TBA	8,991	1,589	10,480	0	0	-10,480	0	-10,480	0	0	0	2,257,643	2,257,643	0	0	2,257,643	2,257,643	0.00 %	2,257,643	2,268,123	-10,480	-10,480	
25.1.201.40	Section 1 (Main Sub Crummo...	476,492	795	477,287	373,326	182,910	78,949	523,292	46,005	0	0	0	4,070,396	4,070,396	13,452	182,910	4,266,758	4,109,409	12.73 %	3,586,117	4,063,404	203,544	620,181	
25.1.201.43	Section 1C1 - TBA	4,446	795	5,241	11,788	0	6,54	13,118	7,87	0	0	0	1,086,641	1,086,641	11,788	0	1,098,429	1,099,759	1.19 %	1,086,641	1,091,888	6,547	6,547	
25.1.201.44	Section 1C3 - TBA	22,009	1,589	23,598	0	0	-23,598	0	-23,598	0	0	0	4,335,508	4,335,508	7,869	0	4,343,377	4,343,377	0.00 %	4,343,377	4,366,975	-23,598	-23,598	
25.1.201.45	Section 1C3	1,049,351	228,900	1,278,251	933,729	113,275	-231,24	1,287,999	9,748	85,607	0	-85,60	66,02	66,024	933,729	113,275	1,113,028	1,354,02	95.12 %	66,025	1,344,276	-231,248	-243,111	
25.1.201.53	Section 1D MacKenzie	802,414	0	802,414	446,757	0	-355,65	825,567	23,15	664	0	-664	3,062,303	3,062,303	-371,906	0	2,690,497	2,827,624	29.20 %	2,002,057	2,804,471	-113,974	-1,218,003	
25.1.201.96	SupplAgree Princes Street	11,889,259	470,313	12,359,572	10,671,732	0	-1,687,840	12,342,576	-16,996	-3,175	0	3,175	1,132,513	1,132,513	9,768,696	0	10,901,199	10,901,199	0.00 %	162,698	12,522,270	-1,621,071	-1,710,071	
2.1	CONSTRUCTION ON-STREET	17,640,119	708,242	18,348,361	14,331,374	1,164,300	-2,852,68	18,356,584	8,223	85,316	0	-85,316	23,387,550	23,387,550	10,592,722	1,164,300	35,144,572	37,863,436	48.88 %	19,506,852	37,855,213	-2,710,641	-4,330,654	
25.1.201.54	Track & Formation - TBA	2,490,599	-114,463	2,376,136	983,971	430,768	-961,39	2,695,810	319,67	15,103	0	-15,10	4,929,008	4,929,008	3,241,477	430,768	8,601,253	10,138,704	26.59 %	7,442,894	9,819,030	-1,217,777	-3,615,634	
25.1.201.55	Highways - TBA	318,929	0	318,929	0	0	-318,929	0	-318,929	0	0	0	2,402,044	2,402,044	0	0	2,402,044	2,402,044	0.00 %	2,402,044	2,720,973	-318,929	-318,929	
25.1.201.56	S27 Edinburgh Park Station...	6,059,494	383,642	6,443,136	4,741,184	187,529	-1,514,423	6,488,911	45,775	0	0	0	4,674,535	4,674,535	234,263	187,529	5,096,327	6,654,757	97.51 %	165,846	6,608,982	-1,512,655	-1,553,095	
25.1.201.57	S28AS Underpass	2,829,433	544,294	3,373,727	2,085,992	533,445	-754,290	3,656,625	282,898	94,943	6,670	-88,27	2,400,222	2,400,222	268,650	533,445	3,291,317	4,291,838	85.20 %	635,213	4,008,940	-806,623	-885,317	
25.1.201.58	Other Structures	5,845,898	313,121	6,159,019	3,395,916	45,266	-2,717,83	5,928,509	-230,510	61,170	6,724	-54,446	8,210,211	8,210,211	2,061,235	45,266	10,316,712	11,103,956	53.39 %	5,175,447	11,334,466	-1,017,754	-5,090,536	
25.1.201.61	Section 2+5A (Main Sub Graham	8,306,113	1,008,315	9,314,428	8,090,240	223,969	-1,000,219	9,306,665	-7,763	329,397	22,13	-20,024,410	20,024,410	2,310,793	223,969	22,559,172	22,704,605	40.99 %	13,997,940	22,712,968	-153,196	-443,156		
25.1.201.62	Section 5C+7 (Main Sub Farru...	6,775,645	50,682	6,826,327	4,877,330	824,161	-1,124,833	6,800,626	-25,701	1,403	0	-1,403	5,738,972	5,738,972	1,944,510	824,164	8,507,646	8,248,196	82.45 %	1,447,570	8,273,891	233,749	-1,364,261	
25.1.201.63	Section 6 (Main Sub Farru...	15,069,329	1,946,210	17,015,539	13,958,063	809,668	-2,247,808	16,996,884	-18,655	729,190	0	-729,190	13,932,200	13,932,200	1,557,520	852,282	16,342,002	17,093,486	99.43 %	96,602	17,112,141	-770,139	-2,260,694	
2.1	CONSTRUCTION OFF-STREET	47,695,440	4,131,801	51,827,241	38,132,696	3,054,809	-10,639,736	51,874,030	46,789	1,209,070	342,791	-866,279	62,311,601	62,311,602	11,618,448	3,097,423	77,027,473	82,637,586	62.77 %	30,763,556	82,590,791	-5,563,324	-17,528,619	
25.1.201.21	Temporary Traffic Management...	3,308,215	148,474	3,456,689	1,871,559	79,795	-1,505,335	3,451,642	-5,04	95,639	0	-95,639	2,765,570	2,765,570	464,79	79,795	3,310,162	4,720,741	73.12 %	1,269,099	4,725,788	-1,415,626	-2,058,719	
25.1.201.22	Street Lighting - TBA	0	0	0	0	0	0	0	0	0	0	0	1,130,22	1,130,224	-3,176	0	1,127,048	1,137,315	0.00 %	1,137,315	1,137,315	-10,267	-10,267	
25.1.201.23	Landscaping - TBA	0	0	0	0	0	0	0	0	0	0	0	150,000	150,000	0	0	150,000	150,000	0.00 %	150,000	150,000	0	0	
25.1.201.42	Section 1 - Site Cost	378,974	-15,488	363,506	367,825	0	4,319	367,825	4,319	8,531	14,225	5,69	3,135,322	3,135,322	0	0	3,135,322	1,030,782	35.88 %	862,957	1,026,463	2,108,859	12,105	
25.1.201.51	Site Costs / Remaining Works...	1,272,988	9,433	1,282,421	855,828	0	-426,593	1,291,180	8,759	-25,572	0	25,572	855,828	855,828	0	0	855,828	1,371,180	94.17 %	80,000	1,362,421	-1,362,421	-506,593	-453,003
2.3	SECTIONWIDE	4,960,177	142,439	5,102,616	3,095,212	79,795	-1,927,609	5,110,647	8,031	78,598	14,225	-64,373	8,036,944	8,036,944	461,621	79,795	8,578,360	8,410,018	60.77 %	3,299,371	8,401,981	176,373	-2,498,617	
2.1	DIRECT JOB COST - LUMP SUM	70,295,736	4,982,462	75,278,218	55,559,282	4,298,904	-15,420,032	75,341,261	63,041	1,372,984	357,016	-1,015,968	93,736,096	93,736,096	22,672,791	4,341,518	120,750,405	128,911,040	58.44 %	53,569,779	128,847,991	-8,097,592	-24,358,890	
25.1.201.64	Concarrum Office	3,161,914	0	3,114,092	2,610,671	135,432	-367,989	3,136,373	22,281	49,374	0	-30,265	1,988,002	1,988,002	1,575,538	145,626	3,709,166	4,108,098	78.35 %	971,725	4,085,811	-376,651	-481,976	
25.1.201.65	Staff	17,069,882	-20,927	17,048,955	13,593,124	745,223	-2,710,608	17,075,533	26,578	262,218	173,303	-88,915	13,241,93	13,241,334	8,062,476	801,316	22,105,126	22,605,076	75.54 %	5,529,543	22,578,498	-473,372	-3,588,308	
25.1.201.66	Design	10,091,783	298,768	10,390,551	7,708,643	802,456	-1,879,452	10,434,667	44,116	112,391	0	-112,391	3,308,815	3,308,815	4,576,319	802,456	8,687,590	10,718,898	97.35 %	284,231	10,674,782	-1,987,192	-1,930,613	
25.1.201.67	Finance	396,947	129,724	526,671	1,859,728	161,734	1,494,791	551,602	24,931	14,362	28,998	14,636	2,552,27	2,552,277	1,737,419	173,90	4,463,603	3,782,751	14.58 %	3,231,149	3,757,820	705,783	10,252,339	
25.1.201.68	Original Tender	543,775	0	543,775	543,775	0	0	543,775	0	0	0	0	543,775	543,775	0	0	543,775	543,775	100.00 %	0	543,775	0	0	
25.1.201.71	Consultants	3,195,743	907,386	4,103,129	2,105,144	148,801	-1,849,184	4,113,380	10,251	77,957	0	-77,95	589,29	589,297	1,798,780	160,001	2,548,078	4,940,310	83.26 %	826,930	4,930,059	-2,381,981	-2,220,975	
2.1	INDIRECT JOB COST	34,460,044	1,267,129	35,727,173	28,421,085	1,993,646	-5,312,442	35,855,330	128,15	516,302	221,410	-294,892	22,223,500	22,223,500	17,750,532	2,083,306	42,057,338	46,698,908	76.78 %	10,843,578	46,570,751	-4,513,413	2,030,466	
25.1.201.72	Risks/Opportunities/Escalation	0	0	0	2,206,044	-2,206,044	0	0	0	0	0	0	9,878,470	9,878,470	2,372,090	-2,372,090	9,878,470	5,019,788	0.00 %	5,019,788	5,019,788	4,858,682	0	
2.1	CONTINGENCIES	0	0	0	2,206,044	-2,206,044	0	0	0	0	0	0	9,878,470	9,878,470	2,372,090	-2,372,090	9,878,470	5,019,788	0.00 %	5,019,788	5,019,788	4,858,682	0	
<b>Total</b>		<b>104,755,780</b>	<b>6,249,611</b>	<b>111,005,391</b>	<b>86,186,411</b>	<b>4,086,506</b>	<b>-20,732,474</b>	<b>111,196,591</b>	<b>191,200</b>	<b>1,883,580</b>	<b>578,426</b>	<b>-1,305,154</b>	<b>125,838,066</b>	<b>125,838,066</b>	<b>42,795,411</b>	<b>4,052,734</b>	<b>172,686,213</b>	<b>180,629,736</b>	<b>61.36 %</b>	<b>69,433,145</b>	<b>180,438,536</b>	<b>-7,752,323</b>	<b>-22,328,424</b>	
without Allocation					5,209		5,209	5,195	5,195	2,388	2,388													

Project: GB-2006-1001AK37 Edinburgh Tram 2011\_07  
Reporting Month: 39. RP 07.2011, 31/07/2011

**COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)**

Currency: GBP

WORK / COST CODES		TO DATE								CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL						
Work / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals	Actual Allowable incl. agreed VO's	Allowable for unapproved VO's	Variance to Date	Revised DJC (Qx)DJC-Rate	Variance to Date	Actual Cost with Accruals	Actual Allowable	Variance	Budget Original WQty.	Budget Orig. Contr. with AQty.	Budget Agreed VO's AQty.	Budget unappr. VO's AQty.	Budget Total AQty.	Revised DJC AQty.	% Complete	Cost to Complete (A-Q)	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)	
				5=3+4		7	8=(6+7)5	9	10=9-5	11	12	13=12-11	14	15	16	17	18=15+16+17	19	20=9/19	21=19-9	22=5+21	23=18-22	24=8/20	
<b>Total Cost incl. Prime Cost Sums</b>		104,755,778	6,249,611	111,005,389	86,191,624	4,086,500	-20,727,259	111,201,782	196,39	1,883,579	580,814	-1,302,76	125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,629,736	61.6 %	69,427,954	180,433,343	-7,747,13	-33,648,14	
<b>Prime Cost Sums 0 / 0</b>				0																				
<b>Total Cost without Prime Cost Sums</b>		104,755,778	6,249,611	111,005,389	86,191,624	4,086,500	-20,727,259	111,201,782	196,39				125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,629,736		69,427,954	180,433,343			

**REMEASURED CONTRACT:**

Gross Margin original Contract and agreed VO's (PF = 0.9985, PFB = 1.0696)

<b>Total Cost without Prime Cost Sums</b>		111,005,389	86,191,624		111,201,782					125,838,065	125,838,065	42,795,414		168,633,479	180,629,736					180,433,343			
Gross Margin			5,998,937		-168,883					15,670,750	8,443,144	3,291,031.00		11,734,175	-263,082						-65,089		
Gross Margin in % of Performance			6.51 %		-0.15 %					11.07 %	6.29 %	7.14 %		6.51 %	-0.15 %						-0.04 %		
<b>Performance without Prime Cost Sums</b>			92,190,561		111,034,979					141,508,815	134,281,209	46,086,445		180,367,654	180,367,654						180,367,654		
<b>Actual Cost to date</b>			111,005,389		111,005,389																		
Gross Margin to date			-18,814,828		29,590																		
Gross Margin to date in % of Performance			-20.41 %		0.03 %																		
<b>Performance Prime Cost Sums</b>																							
Total Performance			92,190,561		111,034,979					141,508,815	134,281,209	46,086,445		180,367,654	180,367,654						180,367,654		
Revenue according WBS																							

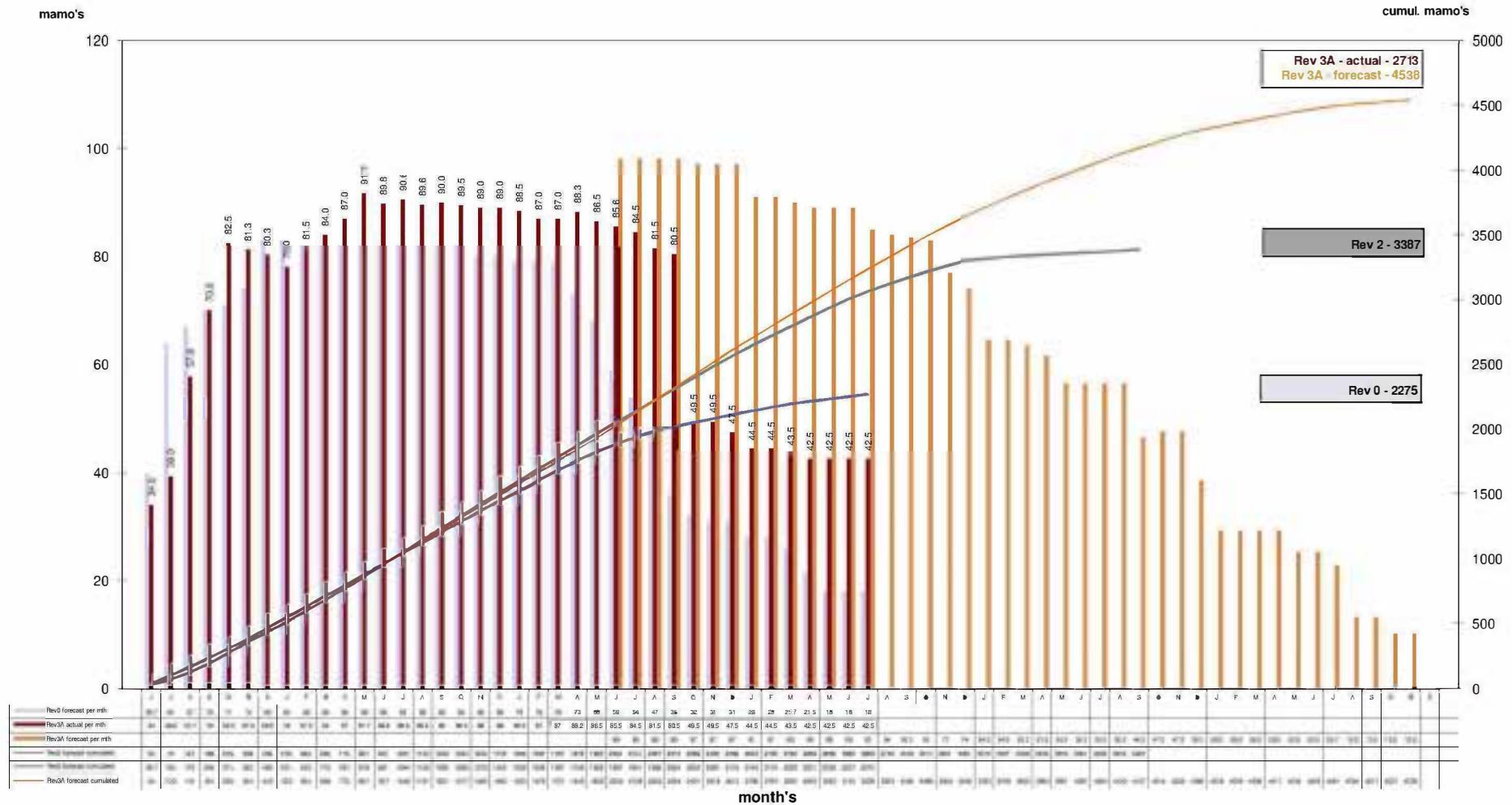
Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0228, PFB = 1.0698)

<b>Total Cost without Prime Cost Sums</b>			90,278,130		111,201,782					125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,629,736					180,433,343			
Gross Margin			6,301,413		2,535,401					15,670,750				12,053,654	4,110,131						4,306,534		
Gross Margin in % of Performance			6.52 %		2.23 %					11.07 %				6.52 %	2.22 %						2.33 %		
<b>Valued Performance without Prime Cost Sums</b>			96,579,543		113,737,183					141,508,815	134,281,209	46,086,445	4,372,21	184,739,867	184,739,867						184,739,867		
<b>Actual Cost to date</b>			111,005,389		111,005,389																		
Gross Margin to date			-14,425,846.00		2,731,794																		
Gross Margin to date in % of Performance			-14.94 %		2.40 %																		
<b>Performance Prime Cost Sums (incl. valued performance)</b>																							
Total Performance (incl. valued performance)			96,579,543		113,737,183					141,508,815	134,281,209	46,086,445	4,372,21	184,739,867	184,739,867						184,739,867		
Revenue according WBS (VO's valued)																							
Revenue according WBS (VO's valued by 100%)																							



2.06 Staff Chart

Staff mammo performance Edinburgh Tram



Project: **Edinburgh Tram Network**  
 as per: **31/07/2011**



**2.08a Approved Change Orders**

INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Job Estimate Budgets			Remarks	
											Revenue	Design & Construction	Margin in %		
												2.00	6-5/1		
SDSNA		SDS NA					SDS	66	SDS Novation Agreement Provisional Sums	31/07/11	3,079,331.00	3,079,331.00			
PSSA		PSSA					1C/D	96	SSm Works carried out under Supplemental Agreement concerning Princes Street	20/03/09	12,780,161.05	10,465,330.13	7.21%		
19							Graham	61	GAn Archaeological Survey to the Caley Ale House	19/09/08	5,976.61	4,430.40	7.41%		
21							Graham	61	GAn Asbestos in the Caledonian Ale House	19/09/08	6,053.64	4,487.50	7.41%		
53							5C	54/57	GAn TNC004 Utilities diversions & associated works	10/10/08	39,217.65	28,539.95	7.29%		
87							BSC	64/65	Duct Installation at Leith Walk	22/01/09	344.00	255.00	7.41%		
59							Graham	61	GAn Notified Departure in acc. With Schedule 4 due to tie-Asbestos Survey	30/10/08	29,947.80	22,200.00	7.41%		
51							5A	61	GAn TNC002 Utilities diversions & associated works	03/12/08	75,488.50	54,944.68	7.28%		
52							5B	54	GAn TNC003 Utilities diversions & associated works	03/12/08	88,027.17	64,070.99	7.28%		
166							1A	31	SKy Demolition of existing garage and fuel tanks on Ocean Drive.	03/12/08	19,560.50	14,500.00	7.41%		
176							Farrans	62	OHu Temporary Ramps (2 no.) at Gogar Church Road Construct Car Park	18/12/08	7,725.08	5,622.74	7.28%		
237		10					UPS	Graham	61	GAn Move site boundary fencing at Haymarket Car Park	17/12/08	987.96	719.09	7.28%	
272		11						5B	54	GAn Starter Layer below Subsoil Level at Carrick Knowe	17/12/08	96,557.69	70,280.00	7.28%	
23		12						Graham	61	GAn Demolition of Access Steps to Haymarket Station Carpark	23/01/09	2,360.75	1,710.00	9.23%	
192		14					UPS	1B	40	SKy Discovery of Cable & Wireless ducts - Chainage 108	22/01/09	187.35	136.36	7.28%	
48		15						SDS	66	Additional TRO Drawings as SDS-Letter dated 4th July 2008	22/01/09	3,550.18	3,024.00	8.52%	
168		16						1A	31	SKy Demolition of existing building at 33 Ocean Drive.	02/03/09	6,745.00	4,989.52	7.58%	
7		17						BSC	65	Hard standing at Haymarket Yards.	29/01/09	1,011.75	750.00	7.41%	
84		18						SDS-	65/66	TNC005 Burnside road Diversion - Fees for design (INF_CORR006)	03/02/09	720.00	613.29	8.52%	
271		19						SDS	66	Road Construction Details - Construction Methodology Statements for	13/02/09	372,540.13	317,325.50	8.52%	
269		20						SDS	66	Instructions arising from Trackform Development Workshop	13/02/09	371,057.96	316,063.00	8.52%	
274		21						TM	21	SKy Princes Street Construction Works-closure to traffic during construction	13/02/09	7,522.40	5,576.28	7.41%	Cost part of PSSA
159		23					DPS			Removal of Provisional Sum Main Contract - Relocation Ancient Monuments	12/03/09				
141		24						SDS	66	West End Tramstop - revised requirements from CEC/lie.	09/04/09	16,636.17	14,170.50	8.52%	
266		25						Depot	63	OHu Monthly Track Monitoring Network Rail East Coast North Line / Gogar Depot	27/03/09	5,369.02	3,980.00	7.41%	
173		26						Graham	61	GAn Discovery of underground petrol tank at National Car Rental Site.	07/04/09	5,530.90	4,100.00	7.41%	
75		27						Farrans	62	OHu Temporary Access Ramp from Depot	27/03/09	16,303.74	12,221.80	6.58%	
187		28						Depot	63	OHu Additional excavated material at Depot	02/04/09	1,660,654.40	1,223,272.73	6.16%	
295		30.1					UPS	Farrans	62	OHu Scottish Gas Networks - Trial Investigations to protect gas main at Culvert 2	29/04/09	16,430.30	11,983.64	7.29%	
364		30.2						BSC	64/65	New Manhole (MH1) at Balbirnie Place	12/02/10	1,498.23	1,268.19	8.46%	
216		31					UPS	1B	40	SKy Discovery of alkathene water pipe above formation level - Chainage 265 RHS	29/04/09	618.86	458.75	7.41%	
218		32					UPS	1B	40	SKy Discovery of 2 No. LV and 1 No. LV cables above formation level. - 182 RHS.	29/04/09	295.47	218.36	7.70%	
220		33					UPS	1B	40	SKy Discovery of Water connection pipework above formation level - 161 RHS	29/04/09	91.87	68.10	7.41%	
223		34					UPS	1B	40	SKy Discovery of stone culvert - Chainage 100 RHS	29/04/09	1,169.22	866.79	7.41%	
225		35						1B	48	SKy Repairs required to footpath to allow pedestrian access - Chainage 170 RHS	29/04/09	329.17	239.59	7.28%	
260		36						1B	40	SKy Relocate existing Control Box - Section 1B	29/04/09	1,274.98	945.13	7.41%	
293		37						Farrans	62	OHu Gogar Castle Road tree felling	29/04/09	1,335.51	990.00	7.41%	
294		38						Farrans	62	OHu Reinstate access ramp at Gogar Depot	29/04/09	9,798.94	7,132.21	7.28%	

Project: **Edinburgh Tram Network**  
 as per: **31/07/2011**



**2.08a Approved Change Orders**

INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Job Estimate Budgets			Remarks
											Revenue	Design & Construction	Margin in %	
												2.00	6-5/1	
296		39					Farrans 62	OHu	Formation Level of Gogarburn Bridge West Abutment	29/04/09	13,439.93	9,782.32	7.28%	
297		40					Farrans 62	OHu	Formation Level of Gogarburn Bridge East Abutment	29/04/09	8,466.27	6,162.01	7.28%	
327		41				UPS	1B 40	SKy	Dye test and camera survey at Chainage 170 RHS	29/04/09	711.82	527.66	7.41%	
328		42				UPS	1B 40	SKy	Rehstate slabbed footway following MUDFA works	29/04/09	1,386.54	1,027.83	7.41%	
		43				UPS	Consulta 71		Instruction to proceed with road surveys.	02/06/2009	89,050.01	66,011.86	7.41%	
257		44					SDS 66		Feasibility Study (Design Only) Forth Ports access to ADM Milling	29/04/09	1,624.82	1,384.00	8.52%	
195		45				UPS	1B 40	SKy	Discovery of temporary pedestrian crossing lighting ducts	29/04/09	910.16	675.00	7.37%	
193		46				UPS	1B 40	SKy	Discovery of Hydrant in kerb line - Chainage 333 RHS	29/04/09	449.22	333.00	7.41%	
184		47				UPS	1B 40	SKy	Discovery of void around existing BT Duct - Chainage 360 RHS	29/04/09	192.37	142.60	7.41%	
169		48					1C 44	SSm	Demolition of Police Box Coffee Bar - Picardy Place	29/04/09	10,615.92	7,869.47	7.41%	
330		49				UPS	1B 40	SKy	Install additional gully Chainage 250 RHS	08/05/09	2,170.14	1,579.55	7.28%	
157		50					Farrans 62	OHu	Survey of Existing Drainage (Gogar Landfill)	01/05/09	4,027.46	2,931.41	7.28%	
324		51				UPS	5C 57	GAn	A8 Underpass Phase 1 Piling Obstructions	01/05/09	4,613.58	3,420.00	7.41%	
340		52					5C 56	GAn	Edinburgh Park Bridge South Abutment Base - Existing service (cable)	01/05/09	609.69	451.95	7.42%	
390		53					5B 54	GAn	Carrick Knowe chainage 520200 to 520240 - sub-grade improvement	15/05/09	98,501.39	71,694.78	7.28%	
360		54				DPS	SDS 66		Alteration of Design at Forth Ports Road 8	15/05/09	11,932.54	10,164.00	8.52%	
361		55				UPS	5A 61	GAn	Scottish Power Utility Diversion near Murrayfield Station	05/06/09	8,689.80	6,188.55	8.85%	
167		56				UPS	5A 61	GAn	Accommodation Works to Wanderers Clubhouse Building at Murrayfield	26/05/09	191,060.84	141,631.46	7.41%	
338		57					1B 40	SKy	Remove ornamental iron balls from Groathill Depot	03/06/09	406.26	301.15	7.42%	
42		58					SDS 66		Delay and Disruption to Ravelston Trams top Landscaping	01/06/09	2,409.05	2,052.00	8.52%	
392		59					5B 56	GAn	Pier 1 Base Formation - Section 5B	03/06/09	561.45	408.65	7.28%	
336		60					BSC 64		Extension to Site Office for tie/SDS personnel	02/06/09	150,000.00	120,096.08	0.00%	
349		61					TM 21	SKy	Traffic Management contingency for Emergency Utility Works	02/06/09	404.70	300.00	7.41%	
385		62					1C/D 21	SKy	Section 1C/D - Additional MASS barriers on Great Stuart Street	02/06/09	915.27	678.48	7.41%	
74		63					BSC 64/65		Sewer Diversion, Gogar Landfill	08/06/09	1,433.79	1,213.64	8.46%	
350		64					7A 62	OHu	Protected Species mitigation measures	05/06/09	9,262.22	6,862.20	7.41%	
273		65					SDS- 64/65/66		Gogarburn Retaining Wall W14 - Re-design Water Mains and Gas Main	07/07/09	1,156.57	981.36	8.49%	
222		66				UPS	1B 40	SKy	Discovery of valves and a hydrant fouling the new kerb line - 120 RHS	10/06/09	617.61	457.83	7.41%	
238		67					TM 21	SKy	Temporary Traffic Lights opposite Manderson Street required	04/09/09	15,084.79	11,182.21	7.41%	
243		68					SDS 66		Forth Ports Substation - lack of as-built information	10/06/09	7,824.12	6,664.50	8.52%	
352		69					1C/D 21	SKy	Off-peak Taxi Rank at George Street	10/06/09	2,213.71	1,641.00	7.41%	
409		70					SDS 66		Forth Ports - New construction at Ocean Drive	10/06/09	2,817.60	2,400.00	8.52%	
259		72					SDS-5B 54/66	GAn	Cycleway at Edinburgh Park Station repositioned outwith the LOD	15/06/09	52,094.65	39,609.70	7.53%	
171		73					Consulta 71	SKy	Contract with Faber Maunsell for Transyt and Linsig Modelling Assessments.	16/06/09	64,809.00	48,043.00	7.41%	
373		74				UPS	7A 62	OHu	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/TE/D/05	17/06/09	3,269.16	2,379.47	7.28%	
371		75				UPS	7A 62	OHu	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/BT/D/05	17/06/09	855.81	622.91	7.28%	
307		76					Graham 61	GAn	Contaminated Soil assessment at Haymarket Depot	11/06&20/09/09	54,996.59	40,761.00	7.41%	
439		77					SDS 66		SDS' proposed office move to Edinburgh Park - IT costs	07/07/09	28,000.00	20,756.12	7.41%	
203b		78					Depot 63	OHu	Structural Steelwork	15/07/09	270,372.87	196,792.25	7.28%	

**2.08a Approved Change Orders**

											Job Estimate Budgets			
INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Revenue	Design & Construction	Margin in %	Remarks
												2.00	6-5/1	
203a		79					Depot 63	OHu	Foundations	15/07/09	47,782.16	34,778.48	7.28%	
449		80					5B 21	SK	Reinstatement of Bus Link - Traffic Management	23/07/09				CO Value not issued - to be paid on Demonstrable Cost Basis
419		82					TM-1C 21/43	SKy	Replace MASS barriers at St Andrews Square	14/08/09	22,896.58	16,973.00	7.41%	
279		84.1					SDS 66		West Pilton Tram stop	29/07/09	859.37	732.00	8.52%	
413		84.2				UPS	7A 62	OHu	Provide local protection of sewer at Chainage 711990	31/07/09	2,696.95	1,999.22	7.41%	
179		85				UPS	SDS 66		Gatehouse Works to Murrayfield Stadium Part 1	05/08/09	108,664.00	92,558.70	8.52%	
179		86				UPS	SDS 66		Gatehouse Works to Murrayfield Stadium Part 2	10/08/09	34,830.00	29,667.80	8.52%	
159a		87					BSC 64/65		Provisional Sum Main Contract - Relocation Ancient Monuments Abortive Costs	25/01/10	3,992.60	3,379.55	8.46%	
234		89				UPS	1B 40	SKy	Leith Walk (Section 1B) Groundworks - Move THUS ducts - Ch 345 - 365	11/09/09	6,562.03	4,864.37	7.41%	
202		90					Farrans 62	OHu	IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	12/08/09	13,368.47	9,730.32	7.28%	
472		91					SDS 66		Developed kinematic envelope (DKE) check	08/02/10	15,118.77	12,878.00	8.52%	
401		92					7A 62	OHu	Additional earthworks to western approach embankment at Gogarburn Bridge	13/08/09	36,616.19	26,651.28	7.28%	
203g		93					Depot 63	OHu	Secondary Steelwork	17/08/09	2,355.95	1,714.79	7.28%	
334		94					7A 62	OHu	Access at New Ingleston	20/08/09	5,827.59	4,282.94	7.35%	
118		96					BSC 64/65		IFC Drawing Change Cathedral Lane Sub Station	31/08/09	1,229.78	1,040.91	8.46%	
407		97					Depot 63	OHu	Hard material within Gogar excavation	02/09/09	35,806.89	26,062.23	7.28%	
91		98					5B 56	GAn	Reference ETN002 Edinburgh Park Structure (S27) Earthworks/Foundations.	04/09/09	52,388.71	37,750.68	7.21%	
337		99					TM-1B 21/40/71	SKy	Testing to carriageway at Leith Walk	04/09/09	15,452.46	11,454.75	7.41%	
437		102					5B 58	GAn	Carrick Knowe works outwith the LOD	23/11/09	4,323.55	3,205.00	7.41%	
304		104				DPS	1C/D 96	SSm	Provisional Sum for Extra Over for Shell Grip at Junctions	12/10/09	156,259.21	113,728.94	7.28%	Instruction of ProvSum - Current Value just partially
475		105.1				UPS	5B 57	GAn	A8 Underpass - BT works - Slew 2'way and 4 way ducts	09/10/09	94,954.28	70,144.03	7.73%	
486		105.2					SDS 66		TRO Changes September 2009		3,430.43	2,922.00	8.52%	
362		106					5B 56	GAn	Edinburgh Park Bridge - Approach Ramps additional earthworks	09/10/09	185,000.00	134,653.18	7.28%	
414		107				Graham	21/61	SKy/GAn	Sample soil nailing to embankments between Russell Road & Water of Leith	09/10/09	44,718.35	33,149.26	7.41%	
431		108					5B 57	GAn	Slew existing BT duct at A8 underpass	13/10/09	22,846.79	16,934.93	7.41%	
125		109					SDS- 61/66/71	GAn	Unforseen Ground Conditions at Haymarket Viaduct	22/10/09	94,317.38	68,649.54	7.28%	
191		110				UPS	1B 48	SKy	Discovery of concrete encased lighting cable - Chainage 339 RHS	28/10/09	179.57	133.51	7.19%	
242		111					SDS 66		TRO Presentations by SDS to the public during September 2008	04/11/09	23,480.00	20,000.00	8.52%	
77		112					SDS- 66	OHu	DESIGN ONLY to Amend line of route design section 5#c (Batch 5/22)	13/11/09	5,368.54	4,251.90	7.92%	
370		113					5B 56	GAn	Existing Ground levels at Edinburgh Park Bridge	23/11/09	61,851.30	47,265.35	7.63%	
203j		114					Depot 63	OHu	BDDI to IFC changes to depot access road	13/11/09	78,674.86	57,263.89	7.28%	
112		112	115				Graham 61	GAn	IFC Drawing Change Haymarket Viaduct	04/11/09	96,173.00	70,000.00	7.28%	Settlement reached during Internal DRP
001A-D		116					EOT1 64/65/67		IFC dates entered into the Schedule Part 15 (Sect 1A-1D)	04/11/09	2,225,000.00	2,022,727.27	9.03%	Settlement reached in Mediation
428		121					BSC 64/65		Alteration of Drainage at Eastfield Avenue to avoid a clash with Utilities	13/11/09	1,064.74	903.64	9.49%	
309		123					5B 56	GAn	Edinburgh Park Bridge (S27) - South Abutment Base Formation	25/11/09	9,494.75	7,202.65	7.56%	
85		125					1A-1 31	SKy	TNC008 - Lindsay Road Retaining Wall Cost Estimate	15/01/10	484,065.00	352,329.09	7.28%	
369		126					5C 57/71	GAn	Maintain Thus and C & W services and dismantle water main at A8 Underpass	17/12/09	20,324.64	14,793.87	7.28%	
155a		127					7A 62	OHu	IFC Drawing changes Gogarburn RTWs 14A, 15A, 15B, 15C	22/12/09	141,188.67	102,765.01	7.28%	
282		128					Graham 61	GAn	Request for instruction to deal with Japanese Knotweed - Retaining Wall W4	22/01/10	24,282.78	18,000.58	7.41%	

Project: **Edinburgh Tram Network**  
 as per: **31/07/2011**



**2.08a Approved Change Orders**

INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity		QS	Description	Date of Approval	Job Estimate Budgets			Remarks
												Revenue	Design & Construction	Margin in %	
												2.00	6-5/1		
436		129					TM	21	Sky	Lothian Road pedestrian disruption	25/01/10	8,640.25	6,404.93	7.41%	
434		130					TM	21	Sky	George Street Emergency road closure	25/01/10	1,516.30	1,124.02	7.41%	
76		131					BSC	65		Gogar Depot Public Tramstop proposals GRIP options 4B & 4C2	13/01/10	50,000.00	42,589.44	8.52%	
146a		132	101				Graham	61	GAn	IFC Drawing Change Russell Road RTWs Wall 4	18/02/10	1,461,857.21	1,083,659.90	7.41%	Settlement reached after DRP
151		133.1					BSC	64/65		Excavate and replace existing BO material within existing utility trenches.	22/01/10	1,065.68	902.05	8.46%	
268		133.2					5C	57	GAn	Carry out Scottish Power Diversion at Gogar Roundabout	01/02/10	70,163.35	51,857.54	7.39%	
367		134					Graham	61	GAn	Haymarket Station - Network Rail Access Doorway	08/02/10	2,814.69	2,086.50	7.41%	
474		135					5B	54	GAn	Additional manhole requirement - Section 5B	08/02/10	7,085.74	5,157.39	7.28%	
502		136					5B	58	GAn	Additional excavation at Carrick Knowe North Abutment	08/02/10	390.94	284.55	7.28%	
088a		137				DPS	Depot	63	OHu	Power Supply Ducts Section 6	15/02/10	13,297.28	9,678.49	7.28%	
105		138	120				5B	58	GAn	IFC Drawing Change Balgreen Road Retaining Wall	15/02/10	298,574.22	217,317.92	7.28%	Settlement reached during internal DRP
517		139					Graham	61	GAn	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	22/02/10	20,005.56	14,829.92	7.41%	
203p		140					Depot	63	OHu	IFC issue drawings for alteration to Scottish Water valves - MUDFA works	31/03/10	5,365.65	3,977.50	7.41%	
399		141					7A	62	OHu	Addition of starter and capping layers in Section 7A	04/03/10	1,139,305.68	829,249.35	7.28%	Estimate provisional
402		142					5B	54	GAn	Addition of starter and capping layers in Section 5B	03/03/2010	1,361,877.19	1,009,545.73	7.41%	Provisional Change Order
403		143					5C	54	GAn	Addition of starter and capping layers in Section 5C	03/03/10	930,159.34	677,020.05	7.28%	
139		144					SDS	66		Revised location of OLE poles in Section 1A at the request of CEC.	04/06/10	4,575.42	3,897.30	8.52%	
322		145					5B	58	GAn	Carrick Knowe Underbridge Piling Obstructions	13/04/11	2,744.74	2,034.65	7.41%	
60		146					SDS-	62/66	OHu	Diversion of Existing Sewer at Gogarburn Bridge - conflict with the 300 mm dia	07/07/10	36,292.29	26,778.73	7.38%	
473		147					1A	31	Sky	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	02/04/10	31,635.17	23,025.68	7.28%	
473		147A					1A	31	Sky	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	01/09/10	31,635.17	23,025.68	-7.28%	
267a		149					5C	57	GAn	Carry out Scottish Water Diversion at Gogar Roundabout	07/05/10	83,295.35	61,746.00	7.41%	
053a		150					5C	54	GAn	TNC004 - Utilities diversions & associated works - Water main diversion only	31/03/10	112,879.89	83,676.72	7.41%	
479		153					5A	58	GAn	Proposed sewer lining at Water of Leith Bridge	04/06/10	59,708.68	44,261.44		
448		155					SDS-	64/65/66		Change to street lighting at Haymarket Terrace	07/05/10	1,154.69	979.77	8.49%	
196		157					SDS-	64/65/66		Little King Street works required by CEC outside the Limits of Deviation	18/05/10	2,487.75	2,111.27	8.49%	
052a		158					5B	54	GAn	TNC003-Utilities diversions & associated works	30/07/10	55,923.74	40,749.82	7.20%	
430		159					Graham	61	GAn	Additional white lining at Haymarket Station Car Park	26/05/10	3,930.65	2,913.76	7.41%	
088b		160					7A	62	OHu	Power Supply Ducts - Ingliston Park Andriest Tram Stop	26/05/10	2,809.60	1,681.20	7.28%	
104		161.1	119				5A	58	GAn	IFC Drawing Change Baird Drive RTW	26/05/10	915,462.16	666,323.72	7.28%	Settlement reached after DRP
146b		161.2					Graham	61	GAn	IFC Drawing Change Russell Road RTWs Wall 3	26/05/10	370,000.00	269,306.35	7.28%	
115		162	95				5B	58	GAn	IFC Drawing Change Carrickknowe Bridge	26/05/10	138,265.23	100,637.05	7.28%	Settlement reached after DRP
543		164					TM	21		Transyl and Linsig modelling - Aecom	20/08/10	60,382.00	44,760.56	7.41%	
230		165	119				1A	31	SKY	IFC Drawing Changes - Tower Bridge Structure	19/06/10	260,973.48	189,950.85		Settlement reached after DRP
155b		166					7A	62	OHu	IFC Drawing changes Gogarburn RTWs 14B & 15D	18/06/10	12,464.28	9,072.19		
111		167					Farrans	62	OHu	IFC Drawing Change Gogarburn Bridge	21/06/10	176,195.40	129,486.13		Settlement reached after DRP
113		168					Graham	61	GAn	IFC Drawing Change Russell Road Bridge	16/06/10	60,174.06	43,797.99		
551a		169					Graham	61	GAn	Removal and disposal of contaminated soil at Russell Road Retaining Wall	29/07/10	397,000.00	294,292.07	7.41%	
492		170					Graham		GAn	IFC drawing changes - Haymarket Car Park	18/08/10	40,000.00	29,651.59	7.41%	



Project: **Edinburgh Tram Network**  
 as per: **31/07/2011**



**2.08a Approved Change Orders**

INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity		QS	Description	Date of Approval	Job Estimate Budgets			Remarks
												Revenue	Design & Construction	Margin in %	
												2.00	6-5/1		
281		172					1C	66	Sky	Revised proposals for Cathedral Lane Sub-station	13/10/10	2,063.97	1,758.07	8.52%	
517a		173				Graham	61	GAN	GAN	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	2/7/08/10	16,738.62	12,408.17	7.41%	
289		174					1A	66		Cycleway change at Hawthornevale - Section 1A4	08/10/10	6,199.68	5,280.82	8.52%	
292		175					1A	31/66	Sky	Additional Ramp / Steps at Lindsay Road Retaining Wall - Section 1A4	08/10/10	2,168.28	1,656.62	7.64%	
499		179					SDS	66		Frederick Street pedestrian crossing	30/09/10	17,638.18	15,024.00	8.52%	
116		180.1					5A	58	GAN	IFC Drawings Water of Leith Bridge	03/09/10	20,000.00	14,825.80	7.41%	
97		180.2					5A	66		Design on Balgreen Road Bridge	04/02/11	2,448.00	2,085.18	8.52%	
258a		182					SDS	66		Future Proofing on behalf of New Ingliston Ltd and Highland Properties Ltd	10/09/10	5,140.00	4,378.19	8.52%	
441a		183					2A,5ABC	54	GAN	Site investigation contamination	22/09/10	50,000.00	37,064.49	7.41%	Provisional Change Order
76		184					SDS	66		Design for Edinburgh Gateway	22/09/10	519,439.06	442,452.35	8.52%	BB portion only
158		186				UPS	Graham	61	GAN	Provisional Sum - Provide Crew Relief Facilities at Haymarket Station Viaduct	22/09/10	148,002.24	109,712.56	7.41%	
433		187					Graham	21	GAN	Traffic management at Verity House Access Road	11/10/10	10,841.52	8,037.00	7.41%	
167c		188					5A	61	GAN	Further Changes to Wanderer's Clubhouse Building at Murrayfield - radiators	06/10/10	2,063.97	1,530.00	7.41%	
074a		189					7A	62	OHu	Gogar Landfill Embankment Sewer Diversion - Flexible Sleeve	08/10/10	2,894.39	2,145.58	7.41%	
653		191					7A	62	OHu	Badger Sett Removal	08/10/10	1,839.51	1,363.61	7.41%	
201		192	118				5C	58	GAN	IFC Drawing changes - Depot Access Bridge	15/02/2010	1,230,624.88	912,249.73	7.41%	
108		193					5C	54	GAN	BDDI to IFC changes Gyle Tram Stop	11/10/10	26,424.41	19,393.58	6.67%	
404		194					5B	54	GAN	Section 5B BDDI-IFC Drainage Ditches	13/04/11	5,573.66	4,131.70	7.41%	
655		195					7A	66	OHu	Rebate drainage from A8 at Gogar Interchange	13/10/10	26,820.62	22,845.50	8.52%	
420		196					1B	21	SKy	Leith Walk Gyrotory System	08/10/10	5,036.91	3,733.81	7.41%	
660		197					7A	66	OHu	Topographical survey for Burnside Road	15/10/10	2,879.82	2,453.00	8.52%	
321		198					1C	66	Sky	Rev Alignment Picardy Place, York Place, London Road Junctions	20/10/10	50,000.00	42,589.44	8.52%	
500		198					1C	66		Picardy Place - redesign north side to incorporate a fourth lane eastbound	20/10/10	50,000.00	42,589.44	8.52%	
602		199					5B	54	GAN	Bus Gate - Unforeseen ground conditions - existing foul water manhole	20/10/10	3,846.37	2,851.28	7.41%	
583		200					1C/D	21	Sky	Part reinstatement of Princes Street contingency route	29/10/10	21,946.88	16,269.00	7.41%	
315		201	117				7A	62	OH	IFC Drawing Changes - Drainage - Gogarburn to Airport	10/02/2010	997,068.00	789,116.38	7.41%	
359		202					1D	52	Sky	Haymarket Junction - Underground Chamber at Clifton Terrace	29/10/10	92,836.17	68,818.51	7.41%	
559		203					5C	57	GA	A8 Underpass Scottish Gas Main Diversion	09/11/10	2,263.62	1,678.00	7.41%	
578		204					5C	57	GA	A8 Underpass - Phase 2 - Piling obstructions	11/11/10	9,480.91	7,028.10	7.41%	
595		205					2A	61	GA	Haymarket Station - additional works to Network Rail access door	19/11/10	1,821.15	1,350.00	7.41%	
558		206					5C	21	SK	South Gyle Access Bridge Hire of TM Equipment	24/11/10	24,530.65	18,184.32	7.41%	
148		208					5A	58	GA	IFC Drawing Change Balgreen Road Underbridge (S22b)	07/12/10				
199		208					5A	58	GA	IFC Drawing changes - Balgreen Bridge S22a	07/12/10	84,000.00	62,268.35	7.41%	
283		209					5B	56	GA	Edinburgh Park Bridge (S27) - Pier 3 Base Formation	11/11/10	8,810.74	6,531.31	7.41%	
654	109	210					5C	66	OH	Additional Tram stop at Gogar to be named "Edinburgh Gateway"	11/11/10	2,207.12	1,880.00	8.52%	
679	113	211					1A	31	SK	Tower Place Bridge Diversion	11/11/10	10,779.53	7,990.76	7.41%	
568		222					2A	66	GA	Topographical survey at Scotrail Depot	22/12/10	1,810.90	1,542.50	8.52%	
706		212					1A	21/31	SK	Tower Place Bridge - Sequence of works	18/11/10	65,572.74	48,608.41	7.41%	
722		213					5A	66	GA	Murrayfield Accommodation Works	22/12/10	5,858.26	4,990.00	8.52%	

Project: **Edinburgh Tram Network**  
 as per: **31/07/2011**



**2.08a Approved Change Orders**

INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Job Estimate Budgets			Remarks
											Revenue	Design & Construction	Margin in %	
												2.00	6-5/1	
342	040	216					5B 54	GA	Transfer of private utility diversions from MUDFA at Edinburgh Park	19/11/10	1,535.82	1,138.49	7.41%	
690		217					1A 31/66	SK	TPB - East Approach Embankment Archaeological Discovery - Less scope/Design	25/02/11	11,374.93	8,432.12	7.41%	
262ab		220	214				5B 54	GA	BDDI to IFC Drawing Changes - Section 5B - Track Drainage	17/11/2010	1,755,603.80	1,301,411.27	7.41%	
335		221	215				5C 54	GA	IFC to IFC Drawing Changes - Section 5C - Track Drainage	17/11/2010	162,835.60	120,708.38	7.41%	
693		223					5C 54	GA	Discovery of underground petrol tank at National Car Rental Site.	28/01/10	2,429.77	1,801.16	7.41%	
671		224					5C 57	GAn	A8 Underpass Phase 4 - Ducts on south side	01/04/11	7,934.58	5,881.82	7.41%	
669		225					5B 54	GA	Busgate Drainage - Ground Conditions	07/03/11	4,275.00	3,169.01	7.41%	
562		227					5C 22/66	SK	Gogar Roundabout - Lighting Scheme	25/02/11	14,781.31	10,957.23	11.99%	
640		228				UPS	2+5 71/65	GA	Undefined Provisional Sum - Possession Protection Staff	25/02/11	65,624.85	48,647.03	7.41%	
640b		228				UPS	2+5 71/65	GA	Undefined Provisional Sum - Possession Protection Staff	25/02/11	4,547.48	3,371.00	7.41%	
708		233					2A 61	GA	Diversion of LV Services in Footpath Haymarket Terrace	11/03/11	7,949.45	5,892.85	7.41%	
606		234					1A 31	SK	TPB - East Approach Embankment Archaeological Discovery - Stillstand	25/02/11	229.69	170.27	7.41%	
107		235	118				5B 58	GA	IFC Drawing Change Bankhead RTW	09/12/10	65,906.00	48,855.45	7.41%	
110		236	218				5B 58	GA	IFC Drawing Change South Cyle Access Bridge	07/12/10	153,122.00	113,507.78	7.41%	
646		238					5C 57	GAn	A8 Underpass Phase 4 - Piling Obstructions	18/04/11	26,976.63	19,997.50	7.41%	
302A		239					2A 21/61/71	GA	Russell Road Bridge - Protection of Gas Mains - Investigation only	02/03/11	28,985.32	21,486.52	7.41%	
SWC1		SWC1					2A 61		Haymarket Viaduct removal of Scottish Power cable and containment	04/05/10	2,885.62	2,139.08	7.41%	
601		SWC2					5B 54	GAn	Bus Gate - Unforeseen ground conditions - existing Scottish Power LV cable	20/10/10	2,459.28	1,823.04	7.41%	
SWN1		SWN/EG/001					5C 54		Edinburgh Gateway - Enabling works cable diversion	02/11/10	3,777.20	2,800.00	7.41%	
SWN7		SWN007					2A 61	GA	Haymarket Yards Verity House Hard Standing	11/11/10				
668		SWN008					5B 54	GA	Busgate: Scottish Power HV Cable Clash with Drainage	11/11/10				
429							EOT2a 64/65/67		Issue of MUDFA Programme Revision 8	13/11/09	6,600,000.00	6,000,000.00	9.09%	Referred to dispute
N/A							72		Further accepted values on unapproved changes by tie/client	31/03/11	2,562,009.00	1,899,191.25	7.41%	
<b>TOTALS</b>											<b>46,086,444.59</b>	<b>37,548,911.87</b>	<b>7.14%</b>	

*budget approved char.*  
**-42,795,414.14**

**2.08b Unapproved Changes**

										Assessment			Status on unapproved changes			Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks
									OH	Instruction to proceed with The Hilton Hotel Car Park (letter PRO Infraco 2118 dated 09/05/08) is work in respect of Undefined Provisional Sum Item 1 Accommodation Works, in	102,845	66,849	46,280	102,845		66,849	49,555	7.1%	100%	
						5A			OH	Received the letter PRO Infraco 2107 dated 9 May 2008 instructing us to proceed with Russell Road Bridge in advance of receiving IFC drawings which is a notified departure and										
						7A			OH	Received the letter PRO Infraco 2108 dated 9 May 2008 instructing us to proceed with Haymarket Viaduct in advance of receiving IFC drawings which is a notified departure and										
									OH	Received the letter PRO Infraco 2109 dated 9 May 2008 instructing us to proceed with Gogarburn Bridge in advance of receiving IFC drawings (read as Surcharge) subject to the										
									OH	The GUARD archaeological dig currently ongoing in the area of Gogar Tramstop is delaying and disrupting the Infraco in accessing Gogar Landfill and establishment of the site offices										
									OH	The GUARD archaeological dig currently ongoing in the area of Gogar Tramstop is causing damage to the tram corridor between G7710000-710300. This area will need to be made										
									DG	Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to conflict with the 1500mm dia. Deep sewer under the MUDFA Contract with the South Gyle	72,604	47,192	32,672	72,604		47,192	34,983	7.41%	100%	
									DG	Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MUDFA Contractor not having completed the various Utility Diversions in the Depot area in	44,746	29,085	20,136	44,746						
									DG	Notified Departure in accordance with paragraph 3.4.37 and 3.5 Schedule Part 4 due to the Asbestos Survey to be carried out by the and the presence of Asbestos in the existing Steps										
									DG	Instruction to proceed with Verity House Access Road pre IFC										
									DG	Instruction to proceed with the demolition of Calveley House pre IFC										
						1C			SK	Delay to issue of Picardy Place (Batch 1/13) to CEC for Prior Approval notified by SDS in attached letter ULE90130-01-LET-00672 dated 4 June 2008 in accordance with Schedule										
									1D	Delay to issue For Construction (FC) Submissions - Section 1D due to changed approval periods notified by SDS in attached letter ULE90130-01-LET-00671 dated 4 June 2008 in										
									5B	Delay to issue For Construction (FC) Submissions - Section 5B due to changed approval periods notified by SDS in attached letter ULE90130-01-LET-00670 dated 4 June 2008 in										
									5B	CEC failure to approve within agreed timescales as SDS Letter 00257 in accordance with Schedule Part 4 paragraph 3.4.5.1										
									1D	Network Rail failure to approve within agreed timescales as SDS Letter 00256 in accordance with Schedule Part 4 paragraph 3.4.27										
									1D	New Requirements introduced by Public Realm Design Workbook as SDS Letter 00648 in accordance with Schedule Part 4 paragraph 3.4.43										
									3	Delay and Disruption to Crew Road Gardens Bridge IFC as SDS Letter 00239 in accordance with Schedule Part 4 paragraph 3.4.5.1										
									37	Delayed Disruption to Roseburn Terrace Bridge, Roseburn Tramstop, Roseburn Retaining Walls IFC as SDS Letter 00234 in accordance with Schedule Part 4 paragraph 3.4.1.3										
									38	Delay and Disruption to Roads detailed design as SDS Letter 01074 in accordance with Schedule Part 4 paragraph 3.4.5.1										
									1D	Delay to Shardwick Place Tram Stop Batch (1/16) Validation as SDS Letter 00646 in accordance with Schedule Part 4 paragraph 3.4.5.1										
						SWON			SK	Delay and Disruption to Ground Investigation as SDS Letter 00647 in accordance with Clause 14 and Clause 65										
									41	Delay and Disruption to Ravenston Tramstop, Ravenston Dykes Bridge, Roseburn Retaining Walls as SDS Letter 00241 in accordance with Schedule Part 4 paragraph 3.4.1.3										
						1A			SK	TNC001 - Amendments to Ocean Terminal Layout	146,451	95,193	65,963	146,451						
						1B			SK	Delay and Disruption due to amended design for A25920 - Halfour Street Tram Stop as SDS Letter 00701 in accordance with Schedule Part 4 paragraph 3.4.1.3										
						1B			SK	Delay and Disruption due to amended design for SDS26040 - 14 Roads, Street Lighting, Landscaping and Drainage as SDS Letter 00701 in accordance with Schedule Part 4										
						1A			SK	Delay and Disruption due to amended design for SDS24720 - Issue Roads Design to Roads Authority for Approval Section 1A1, SDS87870 - Issue Roads Design to Roads Authority for										
						1A			SK	TNC 5 - Bernard Street Public Realm Works	1,306,728	849,373	586,028	1,306,728		720,35				
						1C			SK	TNC007 - St Andrew Square Public Realm Works as CEC specification (Draft). Site forming extended area over infracontract. Issued with drawings 3 Specification Volume 2 Part 7.	11,407,670	7,414,965	5,133,451	11,407,670		4,170,13				
									DG	Delay and Disruption due to late approval by CEC of SDS27960 - 30 Roads, Street Lighting, Landscaping as SDS Letter 00255 dated 20 July 2008 and in accordance with										
						1A			SK	Delay and Disruption by CEC due to late registering Section 1A Batch 1/06 (Foot of the walk tramstop and associated line of route) as SDS Letter 00721 dated 11th July 2008 and in										
									SK	Delay and Disruption due to late approval by CEC of Section 1D as SDS Letter 00722 dated 7th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3										
						1D			SK	Delay and Disruption due to notification from CEC with respect to road safety Auditors comments for Haymarket Area of Section 1D as SDS Letter 00733 dated 11th July 2008 and										
									61	Infraco to investigate proposals for the re-use of the FWS Bundled Material within the final design.	99,679	64,791	44,855	99,679		55,981	66,791	48,029	7.41%	100%
									62	Tensioning of Overhead Contact System tensioning method, comprising an Auto Tensioned Trolley Wire for the street running areas										
						1A			SK	TNC009 - Ocean Terminal Revised Finishes	4,186	2,708	1,875	4,186						
									63	Murrayfield Stadium Retaining Walls (To produce visual pattern to Murrayfield RTW)	2,797	1,816	1,259	2,797		1,816	1,348	7.41%	100%	
						5C			SK	Revised Specification (FWS) Gogarburn Tramstop version 2	8,231	5,350	3,704	8,231						
									64	Revised Specification (FWS) Gogarburn Tramstop version 2										
						5A			GA	Murrayfield Tramstop Provision of secondary staircase	32,202	20,931	14,491	32,202		20,931	15,516	7.41%	99%	

**2.08b Unapproved Changes**

										Assessment			Status on unapproved changes			Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks
						SW OFF			Delay to issue of Edinburgh Park - Earthworks and Drainage IFC Drawings as a result of delayed drainage consents.											
						SA			Gyle Stop retaining Walls											
71						IA			PaW to Roseburn Junction IFC Drawings (As 68)											
						SA			Haymarket to Roseburn Junction - SW Consent Issue (as 68)											
						5C		GA	Gogar additional tram stop revised scope	119,178	77,466	53,530	119,178							
	ISA					SA			Edinburgh Gateway Project											construction part on
						7A		OH	Design Only for Alterations to design of Edinburgh Airport Tramstop and retaining wall design at Jubilee Road as the letter INF_CORR072 dated 5th August 2008	48,174	31,313	21,578	48,174		31,313	23,212	3.8%	99%		
						SK			Instruction from CEC to design an alternative layout for Haymarket Junction	51,722	33,619	23,975	51,722		33,519	24,922	7.41%	100%		
						SK			Gogar Retaining Wall - CEC requesting change to the finish of the wall as per PW letter ULE90130-07-LET-00369 dated 3 September	4,553	2,959	2,049	4,553		2,959	2,194	7.41%	91%		
						SK			Environmentally Friendly Lighting - CEC have requested using 42 watt pit lamp rather than the 70 watt CDO (white light) as per PW letter ULE90130-SW-LET-01184 dated 3 September	10,554	5,856	4,754	10,554		6,466	5,090	7.41%	100%		
						SW ON		SK	MUDFA TO INFRAC transfer of Utilities Diversion Section 1A, 1B, 1C and 1D	2,500,000	1,825,000	1,125,000		2,500,000						
						SK			Walfour Street Crossing	8,796	5,717	3,958	8,796		5,717	4,238	7.41%	100%		
						SK			Lindsay Road, Ocean Drive, Ocean Terminal & Tower Place Planning Permission	47,637	30,964	21,437	47,637							
						7A			Hilton Hotel Full Planning	10,975	7,134	4,339	10,975							
						SK			Shandwick Place DED preferential Treatments	321,676	209,069	144,764	321,676		209,069	154,995	7.41%	100%		
						SK			Notified Departure due to the issue of SDS Design programme V32.											
						SK			Notified Departure due to the issue of SDS Design programme V33.											
						SK			Notified Departure due to the issue of SDS Design programme V34.											
						SK			Notified Departure due to the issue of SDS Design programme V35.											
						SA			IFC Drawing Changes - A8 Underpass	861,128	559,733	387,508	861,128		559,733	414,925	7.41%	100%		
						SA			IFC Drawing Change Murrayfield Stadium RTW	546,492	355,220	245,921	546,492							
						SA			IFC Drawing Change Murrayfield Underpass	134,299	87,294	60,434	134,299	25,931						
113a						SA			Russell Road Bridge Temporary Works- Soil Nailing	161,162	104,755	72,523	161,162							
114						GA			IFC Drawing Change Roseburn Viaduct	200,000	130,000	90,000		200,000						
117						SA			Extra Demolition required at Russell Road Retaining wall to Roseburn Street Units & Roseburn Garage.											
120						IA			IFC Drawings Demolition and reinforcing of existing building for Leith Walk Sub Station sub station now positioned in area of building to be demolished											
122						SA			Delay in receipt of CEC prior approval Sections 1A1 & 1A2											
123						IA			Forth Ports Agreement and Design Completion	55,395	36,007	24,328	55,395		36,007	26,692	7.41%	100%		
124						SA			Requirement for Principal Contractors License for Network Rail Related Works	1,136,698	739,984	511,604	1,136,698							
129						IA		SK	CEC's Request for Extension of Time for Prior Approvals 1/01a, 1/01b and 1/01c											
130						SA		OH	Delay to issue of IFC Drawings for Ingleston Park and Ride Train Stop											
138						5A		GA	Design the piled foundations to the Water of Leith Bridge to avoid the existing 950 x 1200mm egg shaped combined sewer	32,068	20,844	14,431	32,068		20,844	15,452	7.41%	100%		
140						SK			Delay to issue of IFC Drawings for: Port of Leith Tram Stop											
143						5C		GA	CEC's intent to adopt private roads between Lochside Crescent and Lochside Avenue.	46,032	29,921	20,714	46,032		29,921	22,180	7.41%	100%		
143b						SA			Works to Junction 204 to facilitate adoption by CEC	106,387	69,138	47,855	106,387		57,801					
147						GA			IFC Drawings Change Murrayfield Training Pitches Retaining Wall	454,039	295,025	204,316	454,039		70,446					
149						7A			Removal and disposal of material from previous works section 7aasper sketch	99,482	64,563	44,767	99,482		64,563	47,934	7.41%	100%		
152						SW OFF			IFC Drawing changes Vertical and Horizontal Alignment Section 5 Sheets 1 to 26	39,845	25,839	17,930	39,845							
153						GA			IFC Drawing changes Soft Landscaping Section 5 sheets 1 to 25	326,102	211,966	146,746	326,102							
156						SW OFF			IFC Drawing changes QLE Section 5 sheets 1 to 13	170,079	110,551	75,535	170,079		110,551	81,950	7.41%	100%		

**2.08b Unapproved Changes**

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks	
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %			
150						SA		SA	IFC Drawing changes - Tramstop at Green Edinburgh Park Soughton and South Gyle	48,095	31,262	21,643	48,095								
151						SA		SA	IFC Drawing changes - Edinburgh Park Bridge	282,568	183,734	127,200	282,568			183,734	136,200	7.41%	85%		
162	20					SA		SA	Bus Tracker, TPDS and Radio												
163	20					SA		SA	Haymarket Taxi Stance	26,215	17,040	11,797	26,215			17,040	12,632	7.41%	100%		
164						SA		SA	Delayed/listed Building Consent Applications												
165						SA		SA	Delayed issued of IFCs for Sector 1A4												
167a						5A		GA	Further changes to Wanderers Clubhouse Building at Murrayfield	25,597	16,536	11,619	25,597			16,536	12,334	7.41%	100%		
167b	108					5A		GA	Further changes to Wanderers Clubhouse Building at Murrayfield - additional radiators	12,775	8,304	5,749	12,775			8,304	6,156	7.41%	100%		
168	23					SA		SA	Traffic Modelling - Pedestrian Crossing Timings Standoff	42,844	27,849	19,280	42,844			27,849	20,544	7.41%	100%		
175						SA		SK	Discovery of new BT ducts under kerb line in Section 1A												
180						SW		SA	Provisional Sums: Mandatory Change Defined nos 12 & 13												
182						SA		OH	Edinburgh Airport Tramstop Kiosk	13,175	8,564	5,929	13,175			8,564	6,348	7.41%	100%		
185						1B		SK	Discovery of Thrus Ducts and Gas Main - Chainage 374RHS												
188						1B		GA	Contaminated Material at Carrickrowe	14,488	9,417	6,520	14,488			9,417	6,961	7.41%	100%		
189						1B		SK	Discovery of Low Voltage Cable in Road Formation	1,000		450			1,000						
190						1B		SK	Discovery of Gas Main - Chainage 353 RHS												
194						1B		SK	Discovery of Duct Crossings - Chainage 268 RHS												
197						SA		SA	Cycle path near Gyle tramstop. Widening of shared cycleway/footway required by CEC outside the Limits of Deviation	11,700	7,605	5,265	11,700			7,605	5,636	7.41%	100%		
203						SA		SA	IFC Drawing changes - Gogotoun Depot												
203AA						SA		SA	ADDI to IFC Tram Wash Plinth Change	5,935	4,508	3,121	5,935			4,508	3,342	7.41%	100%		
203AA 16						SA		SA	ADDI to IFC Introduction of Air Conditioning to Meeting and Training Rooms												
203AA 2						SA		SA	ADDI to IFC Suspended Ceiling to Battery Room Change	1,631	1,060	734	1,631			1,060		7.41%	100%		
203AD 29						SA		SA	ADDI to IFC External Lighting Hinge Column Change	47,187	30,672	21,234	47,187								
203AD 29						SA		SA	ADDI to IFC Additional Disabled Toilet Alarm GF Room 25 Change		179	124				179	132	7.41%	100%		
203AD 29						SA		SA	ADDI to IFC Additional roller Shutter Door Supplies and Fire Alarm interfaces Change	4,933	3,206	2,250	4,933			3,206	2,377	7.41%	100%		
203AF						SA		SA	Maintenance Pits Steel Plinths	59,589	45,233	31,815	59,589			45,233	33,530	7.41%	100%		
203AA						SA		SA	IFC issue of Drawings for Internal Staircase Change	5,000	3,250	2,250		5,000	3,250	2,409	7.41%	100%			
203AG						SA		SA	Change to Depot Service Yard	132,305	85,998	59,537	132,305			85,998	63,750	7.41%	100%		
203AH						SA		SA	Acc Drainage Channels to Hard Standing	133,280	86,632	59,976	133,280								
203AJ						SA		OH	ADDI to IFC External Traction, Power and Communications Ducting Change	50,000	32,500	22,500		50,000							
203AJ						SA		SA	ADDI to IFC Changes to the Road/Rail Crossing	2,571	1,671	1,157	2,571								
203AN						SA		OH	IFC Rev 7 to IFC Rev 11 Drainage Changes	122,715	79,765	55,222	122,715								
203AE						SA		OH	ADDI to IFC Depot Building Rineda City G Trackform Change	52,244	40,458	28,010	52,244								
203c						SA		SA	Hard Landscaping	196,717	127,865	88,523	196,717								
203d						SA		SA	Soil Nailing and Soil Reinforcement Works	454,788	298,213	206,455	454,788								
203h1						SA		SA	Drainage- ADDI to IFC Change				12,375		12,375						90%
203h2						SA		SA	Drainage- ADDI to IFC Change	144,506	93,929	65,026	144,506		195,351	93,929	69,626	7.41%	100%		
203k1						SA		SA	Piling to OLE piles - IFC Drawings	390,629	253,909	175,743	390,629			253,909	168,220	7.41%	10.0%		
203k2						SA		SA	Increase on number of OLE bases- ADDI to IFC	69,245	45,009	31,160	69,245			45,009	33,365	7.41%	100%		
203i						SA		SA	IFC issue drawings for reinforcement to pit walls	57,059	37,049	25,677	57,059			37,049	27,493	7.41%	10.0%		

**2.08b Unapproved Changes**

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks	
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %			
									IFC issue drawings for introduction of waterproof concrete	76,076	49,450	34,234	76,076			49,450	36,856	7.41%	100%		
203m									IFC issue drawings for installation of incoming gas main	97,473	63,358	43,863	97,473			63,358	46,966	7.41%	100%		
203n									IFC to IFC drainage changes - attenuation tank	66,114	55,977	38,753	66,114			55,977	41,495	7.41%	100%	incl in 203h2	
203q									IFC issue drawings for earthing and bonding	78,859	51,258	35,485	78,859			51,258	37,997	7.41%	100%		
203q2									Supply and installation of lightning protection to roof all as per attached CVI	65,077	42,300	29,285	65,077								
203q3									Lightning protection system and Earthing & Bonding	17,994	11,696	8,097	17,994								
203s								CH	IFC drawing Change - revised specification for Kaba Doors	152,505	99,128	58,527	152,505			99,128	73,483	7.41%	95%		
203i									IFC drawing Change to the sub-station slab	15,356	10,632	7,360	15,356			10,632	7,881	7.41%	100%		
203u								CH	IFC issue drawings for Smoke Vents	19,025	12,366	8,561	19,025								
203v								QH	ADD to IFC Changes to Fire Rating Timber Doors	28,177	18,315	12,680	28,177			18,315	13,577	7.41%	100%		
203v								CH	IFC drawing Change to Drainage revision 8 - IFC to IFC	153,955	100,071	59,280	153,955		25,02	100,071	74,182	7.41%	75%		
203w								CH	IFC drawing Change to blockwork reinforcement	135,992	88,399	61,196	135,992			88,399	65,526	7.41%	100%		
203x									Wind post changes - ADD to IFC	23,430	15,229	10,543	23,430			15,229	11,289	7.41%	100%		
203x									Change to structural steel support to sliding screens in offices	5,950	4,517	3,127	5,950			4,517	3,349	7.41%	100%		
203y								GA	IFC Drawing changes - Roads, Street Lighting, Drainage Section 5B	383,255	249,117	172,465	383,255		172,39	249,117	184,566	7.41%	23%		
203y								GA	IFC Drawing changes - Roads, Street Lighting, Drainage Section 5C	545,966	354,891	245,694	545,966		43,56						
204						1B		SK	Leith Walk Christmas Embargo	250,038	162,524	112,517	250,038		130,70	162,524	120,476	7.41%	100%		
204								SK	IFC Drawing changes - McDonald Road and Walfour Street Tram Stops	12,697	8,253	5,713	12,697								
210a						1B		SK	IFC Drawing changes - Road, Street Lighting, Landscaping and Drainage Section 1A	1,622,402	1,054,561	730,081	1,622,402								
210a								SK	Section 1A IFC drawing changes - Drainage	103,381	57,198	45,521	103,381								
210a						1B			Section 1A IFC drawing changes - Street Lighting Ducting	36,706	23,859	15,518	36,706								
210a									Section 1A IFC drawing changes - Road Restraint Systems	489			489								
211						2A		SK	IFC Drawing changes - Haymarket Tram Stop	55,457	42,554	29,460	55,457								
212						2A		GA	IFC Drawing changes - Roads and Street Lighting, Landscaping and Drainage Section 2A	259,338	175,070	121,202	259,338		49,51						
213						2A		SK	IFC Drawing changes - Haymarket Station Substation	15,646	10,300	7,131	15,646								
215						1B		SK	Demolition and alteration of existing Bus Depot at Leith Walk	251,679	153,591	113,256	251,679								
217								SK	Discovery of Tbus ducts above formation level and fouling kerb line - Chainage 250 RHS.	5,000	3,250	2,250			5,000						
218	52					1B		SK	Discovery of Hydrant above formation level - Chainage 177 RHS												
219						2A		GA	Operational Design Review of Haymarket - changes arising												
226						1C		SK	Relocation of bus stop outwith LCD at Princes Mall	1,929	1,254	888	1,929			1,161					
226						1C		SK	IFC Drawing Changes - Section 1C drainage	10,000	5,500	4,500		10,000							
232a						1C		SK	Changes to Roads Design Section 1C (exc Picardy & York Pl & Princes Street)	1,896,703	1,232,857	853,516	1,896,703								
232a						1C		SK	Changes Kerbs & footways design Section 1C (exc Picardy & York Pl & Princes Street)	1,404,713	918,064	632,121	1,404,713								
232c						1C			Section 1C (Princes St) Highway surfacing as executed during PSSA works	615,198	529,679	366,839	615,198								
232c						1C		SK	IFC Drawing Changes - Section 1C lighting layout	5,000	3,250	2,250			5,000						
235						1B		SK	Leith Walk (Section 1B) Groundworks - Move RT ducts fouling kerb line to new loading bay Ch345-365												
235						7A		SK	Options for drainage outfall consent at the Airport												
235						1B		SK	Removal and Reinstatement of RT Phone Box	6,267	5,374	3,720	6,267								
235								SK	Building Fixing Owner Agreements - Information required to support Court Proceedings (Clause 20.6 of Infraco Contract)	15,747	10,885	7,535	15,747			10,886	8,069	7.41%	21%		
235								DG	Notified Departure due to the issue of SDS Design programme V09.												

**2.08b Unapproved Changes**

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %		
									Notified Departure due to the issue of SDS Design programme V37.											
									Notified Departure due to the issue of SDS Design programme V38.											
									Notified Departure due to the issue of SDS Design programme V39.											
									Leth Walk - Chainages 100-350 - additional work carried out during 'embargo' period	62,441	40,587	28,098	62,441		21,651	40,587	30,066	7.41%	100%	
						1C			IFC Drawing Changes - Section 1C CLE Layout											
						1C			IFC Drawing Changes - Section 1C Track Horizontal Alignment											
						1C		SK	IFC Drawing Changes - Section 1C Track Vertical Alignment											
						1C		SK	Removal by others of materials from central reserve on Princes Street											
						1B			IFC Drawing Changes - Section 1B Walfour Street Tram Stop				613		613					
						1A		SK	IFC Drawing Changes - Section 1A - Victoria Dock Bridge				51,737		51,737	293,449				
						SWGN		SK	IFC Drawing Changes - Earthworks General Arrangement											
						1A		SK	IFC drawings and specifications lowering Lindsay Road	1,972,142	1,281,892	887,464	1,972,142		718,601					
						1A		SK	IFC drawings and specification for work in Chainages 100000 to 100800 - Section 1A4	1,573,154	1,022,550	707,919	1,573,154		1,022,550	758,006	7.41%	0.4%		
						1A		SK	Lindsay Road Lowering - Utilities	14,381	9,347	6,471	14,381							
						2A		GA	Accommodation Works Section 2A Access Retaining Wall - Verity House	72,482	47,100	32,806	72,482		22,711	47,100	34,915	7.41%	10.0%	
						5C		GA	Revisions to Scottish Water Diversion 5C SW/D/O 1A	50,000	32,500	22,500		50,000						
						5C		SK	RHS Tramstop - Provide an Estimate for diversion of LV, Power and Water supplies crossing the tram track	17,353	11,280	7,409	17,353		1,951	11,280	8,382	7.41%	20%	
						5A		SK	EAL Tramstop - BAA interface	6,377	4,145	2,670	6,377			4,145	3,073	7.41%	100%	
						5A		SK	Alport Tramstop Canopy tie in options.	49,982	32,488	22,492	49,982			32,488	24,083	7.41%	80%	
						5A		SK	Wider Area Modelling Proposals	4,109	2,671	1,849	4,109							
						5A		DG	Notified Departure due to the issue of SDS Design programme V40.											
						1A4		SK	Forth Ports Traffic Signal - Section 1A4 - Widened Crossing required	9,131	5,935	4,109	9,131			5,935	4,400	7.41%	100%	
						1A4		SK	Develop and seek approval for enabling works for diversionary route from Princes Street to George Street/Queen Street	147,906	96,140	66,558	147,906		120,251	96,140	71,268	7.41%	100%	
						1A4		GA	Protection of live GAS utility during construction	200,000	130,000	90,000		200,000						
						1C		SK	Crawley Tunnel - Insufficient ground cover	23,673	15,387	10,653	23,673			15,387	11,496	7.41%	100%	
						1B		SK	Discovery of underground structure on Leth Walk	5,091	3,309	2,291	5,091							
						1A		SK	Gogar and fill, Scottish Water Utility Diversion	23,195	15,077	10,438	23,195		16,941	15,077	11,176	7.41%	95%	
						1A		SK	IFC Drawing Changes - Section 1A - Drainage	20,000	8,000	9,000		20,000						
						1B		SK	IFC Drawing Changes - Leth Walk											
						5A		OH	IFC Drawing Changes - Section 7 Soft Landscaping	544,661	354,029	245,097	544,661							
						5A		OH	IFC Drawing Changes - Section 7 Track Vertical and Horizontal Alignment Drawings	845,593	224,636	155,517	845,593			224,636	166,620	7.41%	80%	
						1D		SK	Section 1D IFC Drawing Changes - Roads/Site Clearance - limited work area	1,466,303	953,097	659,836	1,466,303							
						1D		SK	Section 1D IFC Drawing Changes - Roads - Excluding Princes Street Works	1,466,303	953,097	659,836	1,466,303							
						1D		SK	Section 1D IFC Drawing Changes - Kerbs, Footways and Paved Areas - Excluding Princes Street	735,204	477,882	330,442	735,204							
						1D		SK	Section 1D IFC Drawing Changes - Site Clearance - Excluding Princes Street	23,406	15,214	10,633	23,406							
						1D		SK	Section 1D IFC drawing changes - drainage - plate 24 only	20,753	13,490	9,339	20,753							
						1D		SK	Section 1D IFC Drawing Changes - Traffic Signs & Road Markings	177,177	115,165	79,730	177,177							
						1D		SK	Section 1D IFC Drawing Changes - Road Restraint	34,627	22,508	15,582	34,627							
						1D		SK	Section 1D Change to Street Lighting Ducts	24,206	15,734	10,893	24,206							
						1D		SK	Princes St - Road Construction	514,872	334,867	231,692	514,872							

**2.08b Unapproved Changes**

										Assessment			Status on unapproved changes			Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks
319								SK	Shandwick Place TRCS signage	7,940	5,161	3,573	7,940			5,161	3,826	7.41%	100%	
320								GA	Introduction of mass concrete foundations at Depot - Post IFC Change	30,615	20,030	13,867	30,615			20,030	14,648	7.41%	100%	
323						5C		GA	A8 Underpass Phase 1 Pile Toe Levels	34,319	22,306	15,444	34,319			22,306	16,536	7.41%	100%	
326								GA	Expose existing gully connections at Chainage 272.322 RHS	3,705	2,408	1,567	3,705			2,408	1,785	7.41%	100%	
330						1B		GA	Break out foamed concrete backfill	7,326	4,762	3,297	7,326			4,762	3,530	7.41%	100%	
341						1C		GA	Princes Street - Reinforced Concrete slab above Track Box										100%	
343								GH	Street Lighting - Height of poles	2,049	1,332	922	2,049			1,332	987	3.6%	100%	
346								GA	Edinburgh Park Bridge Structural Fill	106,527	69,242	47,937	106,527			69,242	51,329	7.41%	100%	
348						1D		GA	Additional Signs on Queen Street		173	120				173	128	7.41%	100%	
353						SWON		SK	Additional Measures at George Street	4,616	3,130	2,167	4,616							
354						SWON		SK	Provide Corex signs and double yellow lines on George Street	3,062	1,990	1,376	3,062							
355						SWON		SK	Additional Signage at George Street & Andrews Square	2,954	1,920	1,329	2,954							
356								SK	Replace MASS barriers at George Street, Hanover Street and Frederick Street	2,331	1,516	1,043	2,331			1,516	1,123	3.31%	100%	
357								SK	Traffic Holes in Princes Street	235,090	152,809	105,791	235,090			152,809	113,275	7.41%	100%	
363								SK	Traffic Management - Provide Wider Area Signage to Princes Street	11,899	7,734	5,354	11,899							
366						7A		GA	Gogarburn Bridge East Abutment - excess ground water	3,864	2,511	1,739	3,864			2,511	1,862	7.41%	100%	
368a	42							GA	Demolish all Structures on Plots no. 397 and 102 near Roseburn Street	6,537	5,549	3,842	6,537							
368b								GA	Partial Demolition of Plot 197	67,216	43,691	30,246	67,216							
370								GA	Gogar Landfill Area - Surcharging and monitoring of surcharge	458,002	297,702	206,101	458,002		97,711	297,702	220,663	7.41%	100%	
371								GA	Gogar Landfill Area - Soil Nailing and Reinforced Earth	524,034	340,622	235,815	524,034							
373								GA	Gogar Landfill Area - Track berm Change						65,667					
375						SWON		SK	Revised CLE foundation and layout to Section 1	73,526	47,792	33,067	73,526			47,792	35,428	7.41%	80%	
376								GA	Changes to CLE bases Section A1, B, C & D	606,960	394,537	273,141	606,960							
378								GA	Redesign of CLE poles foundations due to increased loadings - Line 2	135,627	88,158	61,032	135,627			88,158	65,350	7.41%	100%	
377								GA	Amend CLE system design documents	7,644	4,969	3,440	7,644			4,969	3,663	7.41%	80%	
378								GA	Amend site wide CLE Building fixing loads and layout drawings	6,903	4,467	3,106	6,903			4,467	3,326	7.41%	25%	
379								GA	Combined CLE/Pole/Lighting poles	55,039	35,776	24,766	55,039			35,776	26,520	7.41%	80%	
381						5C		GA	Amend OHLE fixings at Depot Access Bridge	23,513	15,263	10,581	23,513			15,263	11,329	7.41%	100%	
382						SWON		SK	Section 1C/1D - Charlotte Square West End On Parking	2,954	1,920	1,329	2,954			1,920	1,424	7.41%	100%	
383						1D		SK	Section 1D - Bus Gate at Shandwick Place	3,398	2,209	1,529	3,398							
384						SWON		SK	Section 1C/1D - Saturn Studs at George Street and Frederick Street	60						39			7.41%	100%
386						1C		SK	Section 1C/1D - Additional Traffic Management at Princes Street		325	225								
389						1C		SK	Section 1C/1D - Production of As-Built Drawing for Princes Street Diversion	3,659	2,378	1,547	3,659			2,378	1,763	7.41%	100%	
390								SK	Access to Leith Walk from 19/03/09											
391								SK	Notified Departure due to the issue of SDS Design programme V41											
392								SK	Notified Departure due to the issue of SDS Design programme V42											
393								SK	Notified Departure due to the issue of SDS Design programme V43											
395								SK	Notified Departure due to the issue of SDS Design programme V48											
405						1A		SK	Additional Retaining Wall at Tower Bridge Pumping Station	6,757	4,392	3,040	6,757							
406								GA	Gogar Depot Earthworks - Northern Boundary Drainage Design	20,000	13,000	9,000	7,403		12,597	13,000	9,637	7.41%	100%	
407						SW OFF		GA	IFC Drawing Changes	2,404,419	1,562,872	1,081,966	2,404,419			18,441				



**2.08b Unapproved Changes**

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %		
418	46,96					5		OH	Depot Floor - Pit for a manual bogie turntable	26,273	17,077	11,823	26,273		14,40	17,07	12,659	7.41%	100%	
418	52					5		OH	Provisional Sum Depot Pumping Station, manhole and rising main	55,024	42,265	29,261	65,024							
417	56					5A		OH	BAA Dualing Future Footing (Eastfield Avenue)	3,377	2,195	1,620	3,377			2,195	1,627	7.41%	100%	
418						5		OH	Remove Soft Material from Sub Grade of Depot Access Road as per CIV BARR06/007	36,604	23,923	15,562	36,604							
418						5A		OH	Revised FC HRL Drawings Section 7 - Road Scheme Layout	54,582	35,543	24,607	54,582							
424b						7A		OH	Revised FC HRL Drawings Section 7 - Gogar Farm Road Layout	3,836	2,493	1,796	3,836							
418						7A		OH	Revised FC HRL Drawings Section 7 - Ingliston Park and Ride Tram Stop access and car park	266,368	173,139	119,855	266,368		250,661					
418						5A		OH	Revised FC HRL Drawings Section 7 - Junction 210 traffic signals (additional civil works)	12,013	7,808	5,406	12,013							
424c						5A		OH	Revised FC HRL Drawings Section 7 - Glasgow Road footway realignment	36,068	23,444	16,231	36,068							
418						5A		OH	Issue of MUDFA Programme Revision 8	585,455	387,546	254,455	585,455							
433b						2A		SK	Traffic Management for Verby House Access Road	8,126	5,252	3,657	8,126			5,282	3,916	7.41%	100%	
435						1C		SK	Traffic Management for MUDFA Works	6,664	4,345	3,006	6,664			4,345	3,221	7.41%	100%	
418						5A		OH	Utilities conflicts within 1.2 metre clearance zone											
441b						5A		GA	Carrick Knowe Bankhead Drive Corridor Contamination	1,140,671	741,458	513,302			1,140,671					
418						5A		GA	Busgate Contamination	275,616	173,150	124,027			275,616					
441d						5A		GA	Sootfall Replacement Carpark - Contamination of Excavated Material	2,308,740	1,500,661	1,038,933			2,308,740					
442						5A		GA	Track Drainage											
418						5A		DG	Notified Departure due to the issue of SDS Design programme V44											
418						5A		DG	Notified Departure due to the issue of SDS Design programme V45											
418						5A		DG	Notified Departure due to the issue of SDS Design programme V46											
418						1C		SK	Revised OLE location due to Scottish Power Installation - Princes Street at chainage 121395											
418	57					5A		OH	BAA New Burnside Road Alignment	5,950	3,866	2,678	5,950			3,856	2,857	7.41%	70%	
418						5A		OH	Stage Drawings for tram stops	55,722	36,219	25,075	55,722							
418						5A		OH	West Depot Entry/Exit turnout											100%
418						5A		OH	SB Drainage to Guided Busway											
418	58					1D		OH	Alteration of traffic management at Lothian Road Junction to accommodate MUDFA BT and bus stops	1,742	1,133	784	1,742			1,133	865	7.41%	100%	
418						5A		OH	Revised Junction Layouts - Section 1A	500					500					
418						5A		OH	TIRC changes - informal consultation											
461						5A		SK	Forth Ports Substation - redesign	13,794	8,966	6,207	13,794		13,79	8,966	6,646	7.41%	90%	
461						1A		SK	Forth Ports Drainage approval	13,619	8,982	6,216	13,619							
465						5A		OH	Redesign of Drainage at BAA/CCRC Interface	3,779	2,456	1,701	3,779			2,456	1,621	7.41%	100%	
418						5A		OH	BAA Drainage at Depot	50,000	32,500	22,500			50,000					
418	59					5A		SK	Utility Diversions associated with Lindsay Road	3,134	2,037	1,410	3,134							
471						5A		GA	FC drawing changes - Section 5A - Ducting and Cable Routes	224,261	145,783	100,926	224,261			145,783	106,067	7.41%	30%	
476						5A		SK	Tram Stops Development Workshop - changes arising	157,134	102,137	70,710	157,134							
477						5A		SK	Sub Stat on Development Workshop - changes arising	120,483	78,314	54,217	120,483			78,314	54,053	7.41%	100%	
478						5A		SK	Issued to Closeout CEC Roads TAA Sign Off											
479b						5A		GA	Sewer Lining works at Water of Leith Bridge - Additional Manhole	5,000	3,250	2,250			5,000					
479c						5A		GA	Sewer Lining works at Water of Leith Bridge - Intrusions	3,049	1,982	1,372	3,049							
418	57					5A		SK	Changes to sub-stations arising from development workshops											

**2.08b Unapproved Changes**

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %		
						5A		GA	Culvert 1 - Excavation below formation level	29,327	19,062	13,197	29,327		17,261	19,062	14,131	7.41%	100%	
						5A		GA	Manderston Street operational track crossover											
						5A		GA	Gogar Depot South embankment reinstatement and water supplies	10,000	6,500	4,500		10,000						
						5A		GA	Development workshop for drainage - changes arising	49,508	32,180	22,273	49,508		43,091	32,180	23,855	7.41%	95%	
						5A		GA	Piling obstructions encountered at guided busway	16,168	10,522	7,285	16,168		16,261	10,522	7,809	7.41%	100%	
						5A		GA	Testing to cartage way at Leith Walk	54,196	35,229	24,389	54,196		30,571	35,229	26,115	7.41%	100%	
493						5A		GA	Base Date Design to issued for Construction Drawings - Murrayfield Stadium Tram Stop	130,511	84,897	58,775	130,511		9,521					
						5A		GA	IFC drawing changes - Ducting and Cable Routes	67,233	56,702	39,256	87,233							
494a						5A		GA	IFC drawing changes - Ducting and Cable Routes	20,000	13,000	9,000		20,000						
						5C		GA	IFC drawing changes - Section 5C - Ducting and Cable Routes	318,493	207,021	143,322	318,493							
496						1A		SK	IFC drawing changes - Ducting and Cable Routes	1,109,335	721,068	499,201	1,109,336							
496b						5A		SK	IFC drawing changes - Ducting and Cable Routes	306,572	199,337	138,002	306,572							
496c						1C		SK	IFC drawing changes - Ducting and Cable Routes	754,397	490,358	339,479	754,397							
						1D		SK	IFC drawing changes - Ducting and Cable Routes	424,232	275,751	190,904	424,232							
						1C		SK	Princes Street arches											
496						5A		SK	IFC issue drawings for Bus Lane and Tram only zones - Systemwide	732,253	475,964	329,514	732,253							
	74, 74a					5C		GA	RWS Tram stop - Provide Future Proofing	6,409	5,466	3,744	6,409		5,466	4,052	7.41%	100%		
503						5A		DG	Trackside signage											
506						5A		GA	Removal of obstructions at Russell Road Retaining Wall	62,901	40,885	28,305	62,901		40,885	30,308	7.41%	100%		
508						5C		GA	Additional footway across Depot Access Bridge	25,000	16,250	11,250		25,000						
						5A		GA	IFC drawing changes - Section 7A - Ducting and Cable Routes	140,600	91,390	63,270	140,600		91,390	67,747	7.41%	37%		
						5A		GA	Piling obstructions - alternative design required.	216,879	140,971	97,596	216,879		140,971	104,501	7.41%	100%		
513						SWON		GA	IFC changes to Kerbs, Footways, Cycleways, Laybys, Busbays and Paved Areas Specification											
						SWON		GA	Floating Slab In City Centre											
						5C		SK	Revised scope St Andrew Square											
520						1C		SK	Traffic Management to accommodate re-introduction of buses on Princes Street	114,311	74,302	51,440	114,311							
521						5C		GA	As Underpass - support and protect RT equipment	80,348	52,226	36,157	80,348		52,226	38,715	7.41%	100%		
525						5A		GA	Development workshop for earthing and bonding - changes arising	64,702	35,557	24,816	64,702		10,271					
526						5A		SK	Changes to Traffic Regulation Orders at Grosvenor Street	58,677	38,140	26,404	58,677							
527						5A		GA	Network Risk Assess Road	157,654	102,475	70,944	157,654							
528						5A		GA	IFC Drawing changes - Roads, Streetlighting, Drainage	123,227	80,094	55,452	123,227		73,371					
529						5A		OH	Gogarland fill profile redesign	50,000	32,500	22,500	22,789	27,211	22,789	32,500	24,092	7.41%	100%	
530									Notified Departure due to the issue of SDS Design programme V47											
531									Notified Departure due to the issue of SDS Design programme V48											
532									Notified Departure due to the issue of SDS Design programme V49											
533									Notified Departure due to the issue of SDS Design programme V50											
534									Notified Departure due to the issue of SDS Design programme V51											
535						1A		SK	Amendments to Tower Place Bridge											
536									Incomplete Utilityworks	17,324,225	11,260,746	7,795,901	17,324,225							
537						SWON		DG	Noise and vibration works arising from the study carried out under IN/C 436	80,431	52,280	36,194	80,431							

**2.08b Unapproved Changes**

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %		
									Edinburgh Airport Flat or changes											
									Edinburgh Airport - CEC changes	19,938	12,960	8,972	19,938		1,993	12,960	9,607	7.41%	100%	
						1B			Cundy Works - chainage 85-100	1,905	1,237		1,905			1,237	917	7.41%	100%	
									Additional parapet upstand on deck of Carrick Knowe bridge	13,131	8,535	5,309	13,131			8,535	6,327	7.41%	100%	
						1D			Remove Bus Shelter in George Street	70,300	45,695	31,635	70,300							
									Airport Phase A works delay due to drainage settling out conflict											
						SW OFF			Accommodation Works - Section 5											
	112								CEC amendments to street lighting	2,225	1,446	1,001	2,225							
	84					SW OFF			Amend Truckform at stated locations											
						5A			Below Ground Obstructions - Piling to Russell Road Retaining Wall W4	66,009	42,306	29,704	66,009		16,871	42,306	31,806	7.41%	100%	
									Edinburgh Airport CCRC Walkway Earthing and Bonding	6,208	4,035	2,793	6,208							
									Bus Gate protection or diversion of existing services	43,666	28,513	19,740	43,666			28,513	21,136	7.41%	100%	
						5C			A8 Underpass grouting of existing sewer	65,041	55,277	38,269	65,041			55,277	40,976	7.41%	100%	
						1D			Reinstatetraffic island on Princes Street - Chainage 130-240	1,338			1,338							
									Accommodation Works - Section 7											
						SW OFF			Point Machine Position (SV-0116)											
						1D			Out of sequence working at Haymarket/Loblihan Road Junction due to MUDFA delayed completion											
									Forth Ports Area - fence alterations											
									Remove surplus material from Plot 304	289,756	188,341	130,390	289,756			188,341	139,616	7.41%	100%	
									Developed kinematic envelope (DKE) - Site Wide											
									Busgate Contamination	10,000	6,500	4,500			10,000					
									W19 - Gyle Stop retaining wall - protection of existing services	81,843	53,198	36,830	81,843							
									A8 Underpass - Phase 2 - Change to pile toe levels	40,248	26,161	18,111	40,248			26,161	19,393	7.41%	100%	
									Informative approvals process changes by CEC											
									Revisions to TR0 public exhibition document - additional title comments											
						1A			Lindsay Road retaining wall 1C - Unforeseen ground conditions - Archaeological findings	6,935	4,506	3,121	6,935			4,506	3,341	7.41%	100%	
									Invasive Species - Gogar Landfill Area - Giant Hogweed	77,389	50,303	34,825	77,389			50,303	37,289	7.41%	100%	
	93					1C			Revised traffic management at junction of the Mound, Princes Street and Hanover Street	7,520	4,888	3,384	7,520		1,411					
						SW ON			Special trackform construction at shallow depth obstructions	120,959	78,624	54,432	120,959							
									CBR Verification Results - TO 1518	34,386	22,351	15,474	34,386							
									Revisions to TR0 general overview document - additional title comments											
						5A			Contaminated material at Murrayfield Tramstop W18 retaining wall	1,587,350	1,031,778	714,308			1,587,350					
						2A			Revisions to CLE bases - Section 2A	498,641	265,617	188,869	498,641							
									FC drawing changes - Section 2A - Ducting and Cable Routes	256,573	166,773	115,458	256,573							
594A						2A			IFC drawing changes - Section 2A - Ducting and Cable Routes	15,000	9,750	6,750			15,000					
						2A			Possession of car park at Haymarket - unrestricted access											
						2A			Remediation of soft ground - Technical Query no. 1550	74			74				36	7.41%	100%	
						1A			Victoria Dock Entrance Bridge - road safety audit on existing parapets											
						1A			Wall 1C - Unforeseen ground conditions - 500mm dia. Concrete pipe	1,333			1,333			861	833	7.41%	100%	
						1A			Lindsay Road retaining wall 1A - Unforeseen ground conditions - sand layer	71,707	46,610	32,268	71,707			46,610	34,651	7.41%	71%	

**2.08b Unapproved Changes**

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %		
								SK	Lindsay Road radio mast - to be relocated											
								GA	Bus Gate - discovery of existing utilities - Street lighting, power supply and ducting	2,517	1,636	1,192	2,517			1,636	1,213	7.41%	100%	
								GA	Archaeological Findings West Abutment	484		216				315	233	7.41%	100%	
								GA	Tram stops - CEC and ITC comments not in accordance with Schedule Part 14											
605	88					1A		GA	Accommodation Works at plots S1 and S2 at Forth Ports	35,080	29,602	15,766	35,080			5,468				
								GA	Adoption lines in the Forth Ports area											
								GA	Bus Gate existing drainage	3,823	2,485	1,720	3,823			2,485	1,842	7.41%	100%	
613						5A		GA	W8 Baird Drive RTW - contaminated material	1,204,952	783,219	542,298				1,204,952				
						SW CN		GA	BDDI to IFC Drawing Changes	4,970,323	3,230,710	2,236,645	4,970,323							
616						5C		GA	A8 Utility Works - Slew and protect 4wey Geonet duct bank	5,019	3,913	2,709	5,019			3,913	2,900	7.41%	100%	
								CH	Turning head at depot access road											
618						5C		GA	Depot Access Bridge - piling obstructions	9,481	6,163	4,266	9,481			6,031	6,163	4,568	7.41%	100%
								GA	Depot Access Bridge - piling obstructions	29,554	19,281	13,349	29,554			9,481	19,281	14,293	7.41%	100%
619						1A		SK	Lower Place Bridge East Abutment - discovery of HV cable	57,078	37,101	25,665	57,078				37,101	27,502	7.41%	100%
621						1A		SK	Lower Place Bridge - Unforeseen ground conditions - Ch 1500 - existing concrete	1,500		675			1,500		975		7.41%	100%
								SK	Lower Place Bridge - Unforeseen ground conditions - Ch 1500 - existing bonded rubble breakwater	80,335	52,218	36,151	80,335			52,218	38,709	7.41%	100%	
623	100					1A		SK	Work to sewers at retaining Wall 1A - Lindsay Road	20,000	13,000	9,000				20,000				
								GA	Unforeseen Ground Conditions - change to piling methodology	50,000	32,500	22,500	9,317			40,683				
624A								GA	Change in Piling Methodology	58,832	38,241	26,474	58,832							
								GA	Murrayfield Corridor Retaining Walls Ground Improvement	611,127	397,232	275,007	611,127			19,531				
								GA	Protected Species mitigation measures Badger tunnels, fences and feeding stations											
626	101							SK	Removal of materials from Plot of Leith Housing Association land at the Casino	1,148			1,148				748		7.41%	100%
								GA	IFC Drawing changes for Section 2 Track Drainage				8,097			25,120				
630								GA	Haymarket Viaduct - Retaining Wall W21 - Temporary works changes due to projecting footing	5,000	3,250	2,250	4,233			3,250	2,409	7.41%	100%	
								GA	OLE pole foundations - BDDI - IFC - Section 7	94,127	61,162	42,357	94,127				51,182	45,354	7.41%	100%
633						1A		SK	Lower Place Bridge - Unforeseen ground conditions - Ch 010425 - existing tie rods	1,500		675			1,500		975		7.41%	100%
								GA	Invasive Species - Giant Hogweed	10,000	6,500	4,500				10,000				
								GA	Haymarket Viaduct - Existing BT Cable and Drainage Pipe											
								SW	Notified Departure due to the issue of SDS Design programme V55											
637								SW	Notified Departure due to the issue of SDS Design programme V55											
636								GA	Section 3 Drainage (Scottish Water) Approvals closeout											
639						5A		GA	Murrayfield tramstop revised layout											
								SK	Elder Street Junction redesign	86,124	55,961	38,756	86,124							
647	107							SK	Transfer of Principal Contractor CDM responsibility for removal of existing Traffic Management installations at West End Junction, St Andrew Square and Leith Walk	138,012	83,708	52,105	138,012							
648								GA	Promotion of Traffic Regulation Orders (TROs) by CEC											
649	105							SK	Tramstops - Changing Brand Guidelines, TVMs and Validators	53,593	41,335	28,617	63,593							
								GA	Listed Building Consents - Dublin Street											
652	103							GA	Removal of Giant Hogweed in Plot 304	19,366	12,588	8,715	19,366			6,561	12,588	9,331	7.41%	100%
655	102					1A		GA	Remove existing sewer in Section 1A	18,000	11,700	8,100			18,000					
								SK	Jane Street Radio Mast - Feasibility Study and Site Share Application	3,045	1,979	1,370	3,045							

**2.08b Unapproved Changes**

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %		
						1A		GA	Section 2A - Phase 1A/1B Interface design											
								GA	Roseburn Viaduct Structures - Additional requirements to value engineered design	500,000	325,000	225,000		500,000						
								GA	Lit signs requirements from CEC											
								GA	OLE Foundation 200+249 at Haymarket Yards											
						1A		GA	Live HV cable discovered at Structure W1 - Lindsay Road Retaining Wall 1D	4,000	2,600	1,800		4,000	2,600	1,927	7.41%	100%		
								GA	Lindsay Road retaining wall finish	1,500	975	675		1,500						
667						5A		GA	Test Soil Nailing	42,893	27,860	19,302	42,893							
								GA	Busgate: Scottish Power HV Cable Clash with Drainage	14,602	9,492	6,571	14,602		4,131					
670						5B		GA	Excavation through rock within drainage run	50,000	32,500	22,500		50,000	32,500	24,092	7.41%	100%		
670a								GA	Balgreen to Carrick Knowe - Ground Conditions - Rock	6,619	5,602	3,874	6,619							
						2A		GA	Utilities within infra works TQ 2075: 125mm water main at Ch 200+109	5,000	3,250	2,250		5,000						
673						2A		GA	Ch 200+109 Haymarket Yards - Unforeseen Ground Conditions	11,755	7,641	5,290	11,755							
674						5B		GA	Edinburgh Park Station Tramstop BDD to IFC	29,590	19,234	13,316	29,590							
675								GA	The Gyle Centre	51,624	33,555	23,231	51,624							
676								GA	AA for Nil Crossing 1 & 2	3,757	2,442	1,691	3,757							
677						7A		GA	Extension of the Maccaferri 'RENO' mattresses under Gogar Burn Bridge	22,021	14,314	9,909	22,021		14,314	10,810	7.41%	100%		
678								GA	Installation of Gabion Wall at Ch 71 1975 - 71 1995	28,085	18,255	12,838	28,085		18,255	13,533	7.41%	100%		
								GA	Trackslab and OHL base Existing Gas Main Clash at 200+120	5,000	3,250	2,250		5,000						
682								SK	Impact of Tram Infrastructure on flood risk in the gogar burn											
								SK	Lindsay Road Retaining Wall 1A - Ground Conditions	2,500	1,625	1,125		2,500	1,625	1,205	7.41%	100%		
687	129							SK	Gogar Castle Access - Junction 205											
								GA	Lighting Change for combines OLE Lighting on Ocean Drive											
								GA	Electrification of Aldrillo to Bathgate Rail Link Project											
692						1A		GA	Unable to commence fill operations	5,000	3,250	2,250		5,000						
								GA	Utilities Protection Measures (Gas Main)	27,180	17,667	12,231	27,180		17,667	13,096	7.41%	100%		
								GA	Scotrail Car Park Barrier and Security	10,000	6,500	4,500		10,000						
								GA	Ch 200+127: Utilities Clash	5,000	3,250	2,250		5,000						
								GA	Ch 200+215 Unforeseen Ground Conditions / Below Ground Obstructions	1,022	664	480	1,022							
						SWON		GA	IFC Drawing Changes - Soft Landscaping	88,807	57,725	39,963	88,807							
699								GA	IFC Drawing Changes - Soft Landscaping	5,177	3,365	2,330	5,177							
700								GA	IFC Drawing Changes - Soft Landscaping	55,329	35,964	24,898	55,329							
702	119					SW		GA	Pedestrian Guardrail - change in CEC Specification	2,471	1,606	1,112	2,471							
703								SK	Planning Permission Access to cycle liner area											
704								GA	Excavation of rock in sections 2A and 5A			33								
705p12						1A		GA	Lower Place Bridge Suspension of Works 19/11/10 to 10/01/11	76,452	49,694	34,403	76,452							
705p13	119C					1A		GA	Lower Place Bridge Diversion TNC 119C	12,193	7,926	5,467	12,193							
706						1A		GA	Cycle path to be incorporated as per design ref INF CORR 5752/MBU											
708						1A		GA	Amendment to South Cope Dual Bank	2,947	1,915	1,326	2,947							
719						1C		GA	Site Clearance WDDI - IFC	324,869	211,165	146,191	324,869							
720								GA	Section 5B Stenhouse Drive Retaining Wall and associated Utilities Works	150,000	97,500	67,500		150,000						

Project: **Edinburgh Tram Network**  
 as per: **31/07/2011**

**2.08b Unapproved Changes**

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %		
723									Incorporate Murrayfield Accommodation Works Into "As-Built" documents											
	122								RW1A Footpath at toe of wall ADM to Ocean Drive Link Road											
						1D			HGV Turning constitution Street/ Laune Street											
	118								Wash Plant Throughput/ tram end Wash (Hand Wands)											
	126								We have requested BSC to amend existing TM arrangement at the junction between Roseburn St and the Wester Approach Rd (Ref. INF. CRR 7155/C)	3,905	2,538	1,757	3,905							
731									OLE Special Foundation Murrayfield Tramstop Retaining Wall											
732						5E			Change Trackform from current design back to BDD											
	130								Depot Access Road, Hammerhead											
737									Network Bill development of Haymarket Station											
738	132								Provide access for Utilities at Tower Place and Tower Place Bridge											
<b>TOTALS</b>										<b>86,764,098</b>	<b>56,396,664</b>	<b>39,043,844</b>	<b>76,055,821</b>	<b>10,708,277</b>	<b>6,741,335</b>	<b>6,939,223</b>	<b>5,143,975</b>	<b>7.36%</b>	<b>93%</b>	

not confirmed status on submitted changes	6,741,335
under preparation	10,708,277
installed revenue	6,939,223
of budgets on unapproved changes	5,143,975
<b>maximum potential of changes</b>	<b>76,055,821</b>
	<b>86,764,097.82</b>
	<b>6,424,825</b>

Values on performed changes	10,675,727	6,939,223	4,804,077
As confirmed considered within Approved Changes	-	-	2,562,009
Considered within Risk & Opportunity Analysis	8,113,718	4,377,214	2,242,068
Considered within Unapproved Changes			

6,939,223	6,424,825
2,562,009	2,372,090
4,377,214	4,052,734

**2.09 Payment Status**

PROGRESS		INVOICE						PAYMENT			REMARKS	
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	AMOUNT PAID	NET PAYABLE MONEY	OTHERS	TOTAL	DATE		DATE PAID
Actual Performance												
1	500.000		21.389.899	19.100.000	-2.289.899				19.100.000	30/06/2008		
May-08	500.000	5	21.389.899	19.100.000	-2.289.899				19.100.000			
2	1.052.000		2.414.100	2.289.899	-124.201				2.289.899	15/07/2008	04/06/2008	19.100.000
Jun-08	1.552.000	6	23.803.998	21.389.899	-2.414.100				21.389.899			19.100.000
3	-1.552.000		-23.803.998	-21.389.899	2.414.100				-21.389.899	11/08/2008	04/07/2008	2.289.899
Jul-08		7										21.389.899
4	4.348.256		26.720.722	25.784.259	-936.463				25.784.259	11/09/2008	01/08/2008	4.394.360
Aug-08	4.348.256	8	26.720.722	25.784.259	-936.463				25.784.259		29/08/2008	25.784.259
5	1.046.631		971.518	739.994	-231.525				739.994	08/10/2008	29/09/2008	739.994
Sep-08	5.394.889	9	27.692.240	26.524.252	-1.167.988				26.524.252			26.524.252
6	3.339.638		705.826	809.079	103.253				809.079	14/11/2008	31/10/2008	809.079
Oct-08	1.724.602	10	28.398.066	27.333.331	-1.064.735				27.333.331			27.333.331
7	10.459.129		1.584.058	625.106	-958.953				625.106	22/12/2008		
Nov-08	2.480.873	11	29.982.124	27.958.437	-2.023.688				27.958.437		23/12/2008	27.333.331
8	12.940.001		5.108.480	1.116.659	-3.991.821				1.116.659	22/01/2009	08/12/2008	1.741.764
Dec-08	584.252	12	35.090.604	29.075.095	-6.015.509				29.075.095		23/12/2008	29.075.095
9	13.524.254		5.960.121	1.858.032	-4.102.089				1.858.032	02/03/2009	30/01/2009	1.858.032
Jan-09	1.739.311	13	41.050.724	30.933.127	-10.117.597				30.933.127			30.933.127
10	15.263.565			1.288.964	1.288.964				1.288.964	19/03/2009		
Feb-09	1.578.820	14	41.050.724	32.222.091	-8.828.633				32.222.091			30.933.127
11	16.842.385		0	3.532.588	3.532.588		0	0	3.532.588	03/04 & 17/04/2009	04/03/2009	2.979.868
Mar-09	3.034.909	15	41.050.724	35.754.680	-5.296.045				35.754.680		17/03/2009	33.912.994
12	19.877.294		2.429.613	2.227.854	-201.759				2.227.854	14/05/2009	14/04/2009	1.841.685
Apr-09	2.268.401	16	43.480.338	37.982.534	-5.497.804				37.982.534			35.754.680
13	22.145.697		3.383.746	3.383.746					0	05/06/2009	11/05/2009	2.227.854
May-09	2.048.589	17	46.864.083	37.982.534	-8.881.549				37.982.534			37.982.534
14	24.194.286		4.050.740	2.264.088	-1.786.652				2.264.088	02/07/2009	03/06/2009	2.264.088
Jun-09	1.531.274	18	50.914.824	40.246.623	-10.668.201				40.246.623			40.246.623
15	26.720.722		6.303.137	7.760.338	1.457.200				7.760.338	27/07/2009	02/07/2009	4.560.338
Jul-09	6.312.045	19	57.217.961	48.006.960	-9.211.001				48.006.960	05/08/2009	28/07/2009	44.806.960
16	35.217.621		2.177.338	3.020.906	843.567				3.020.906	25/08/2009	05/08/2009	6.220.906
17	3.782.691	20	62.061.377	53.428.212	-8.633.165				51.027.866	26/08/2009	26/08/2009	44.806.960
18	35.820.296		2.666.077	2.400.346	-265.731				2.400.346	25/09/2009		2.400.346
Sep-09	3.930.846	21	64.727.454	53.428.212	-11.300.242				53.428.212			53.428.212
19	39.751.141		5.478.014	5.379.520	-98.494				5.379.520	12/11/2009	27/10/2009	2.194.682
20	47.038.955	22	67.539.390	58.807.732	-8.731.659				58.807.732			56.622.894
Oct-09	6.363.709		4.173.384	4.173.384					4.173.384	11/12/2009	11/11/2009	3.184.837
21	50.673.664	23	67.539.390	62.981.116	-4.558.274				62.981.116			58.807.732
22	57.382.885		6.183.662	2.737.744	-3.445.918				2.737.744	14/01/2010	11/12/2009	4.173.384
23	5.170.181	24	73.723.052	65.718.860	-8.004.192				65.718.860			62.981.116
24	62.553.066		6.003.862	2.344.664	-3.659.197				2.344.664	10/02/2010	13/01/2010	2.737.744
25	5.755.480	25	79.726.914	68.063.524	-11.663.390				68.063.524			65.718.860
26	68.308.546		4.529.095	2.153.902	-2.375.192				2.153.902	16/03/2010	12/02/2010	2.344.664
27	4.337.247	26	84.256.008	70.217.427	-14.038.582				70.217.427			68.063.524
28	62.553.066		3.493.091		-3.493.091							2.153.902
29	5.755.480	27	87.749.099	70.217.427	-17.531.672				70.217.427			70.217.427
30	68.308.546		4.407.498	2.654.337	-1.753.160				2.654.337	07/04/2010	07/04/2010	2.654.337
31	4.337.247	28	92.156.597	72.871.764	-19.284.833				72.871.764			72.871.764
32	75.946.781		4.518.158	7.602.958	3.084.800				7.602.958	10/05/2010	07/05/2010	612.967
33	78.811.764	29	96.674.755	80.474.722	-16.200.033				80,474.722			73.844.731
34	83.249.845		5.491.746	1.126.182	-3.083.651				3,083.651	04/06/2010	04/06/2010	73.844.731
35	88.028.606	30	101.168.301	83.558.373	-17.610.928				83,558.373			73,844.731
36	89.028.606		5.112.306	2.634.852	-3.166.372				3,166.372	30/06/2010	01/07/2010	5,615.350
37	94.618.739	31	100.435.788	86.724.745	-13.711.043				86,724.745	02/08/2010	29/07/2010	82,613.211
38	97.994.030		3.091.419	5.459.583	2,368.164				5,459.583	01/09/2010	26/08/2010	1,706.129
39	100.016.116	32	103.527.207	92.184.328	-11.342.879				92,184.328			84,319.339
40	102.441.471		5.590.133	6.564.542	3,091.336				3,091.336	28/09/2010	23/09/2010	1,528.454
41	103.256.469	33	110.091.750	95.275.664	-14.816.086				95,275.664			85,847.793
42	104.044.168		2.131.595	2.247.117	115.521				2,247.117	21/10/2010	21/10/2010	2,603.351
43	104.811.764	34	112.223.345	97.522.781	-14.700.564				97,522.781			88,451.144
44	105.618.311		3.090.672	2.040.677	-1.049.995				2,040.677	10/11/2010	15/11/2010	1,803.041
45	106.429.860	35	115.314.017	99.563.458	-15.750.559				99,563.458			90,254.186
46	107.249.811		852.200	1,074.737	222.537				1,161.461	08/12/2010	16/12/2010	1,508.782
47	108.083.679	36	116.388.754	100.724.919	-15.663.835				100,724.919			91,762.968
48	108.837.211		1.424.278	1,456.051	311.773				1,790.807	11/01/2011	12/01/2011	673,476
49	109.684.415	37	117.844.805	102.515.726	-15.329.080				102,515.726			92,436.444
50	110.503.752		814.998						0	04/02/2011	08/02/2011	201,298
51	111.318.211	38	117.844.805	102.515.726	-15.329.080				102,515.726			92,637,742
52	112.133.211		787.699	488.026	-299.673				488,026	31/03/2011	31/03/2011	1,186,701
53	112.948.211	39	117.844.805	103.003.752	-14.841.054				103,003.752			93,824.442
54	113.763.211		1.424.278	9,057.032	7,500.000				7,500.000	03/05/2011	03/05/2011	
55	114.578.211	40	120.272.033	110.503.752	-9.768.281				110,503.752	17/05/2011	18/05/2011	93,824.442
56	115.393.211		1.573.974	10,803.679	10,803.679				10,803.679	11/05/2011	12/05/2011	18,006.734
57	116.208.211	41	126.901.837	121.307.430	-5.594.407				121,307.430	27/05/2011	27/05/2011	111,831,176
58	117.023.211		2.055.995	2,700.000	2,700.000				2,700.000	29/06/2011	29/06/2011	2,700.000
59	117.838.211	42	126.901.837	124.007.430	-2.894.407				124,007.430			114,581,176
60	118.653.211		1.936.564	2,020.522	83.958				4,914.929	17/07/2011	17/07/2011	2,746,134
61	119.468.211	43	128.922.359	128.922.359					128,922.359			117,277,310

Project: **Edinburgh Tram Network**as per: **31/07/2011**

## 2.11 Monthly Report on Quality Management

### 1. Audits

#### 1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
BBUKETN001/10	28/06/2010	3	2	67%	7 no. observations for improvement also raised
				-	
				-	

#### 1.2 External Audits (e.g. by Client / BSI)

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
TSA-09-01 (System Eng / Integration)	28/08/2009	4	3	75%	
TQA-CEC-BSC-01-2010	26/09/2010	13	0	0%	All 13 NCR's responded 30/05/2011, tie response
TQA-BSC-08-2010	07/12/2010	11	10	91%	
TSA-10-03-BSC Design Assurance	29/03/2011	0	0	0%	2 no requests for information

### 2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	10	2	3%	11	-	4	-	36%
1B	-	-	-	-	0	-	0	-	0%
1C	13	12	12	92%	17	-	9	-	53%
1D	31	31	29	94%	4	-	3	-	75%
2	37	24	21	57%	14	6	10	1	71%
5A	12	0	0	0%	2	-	2	-	100%
5B	59	34	1	2%	21	1	14	-	67%
5C	27	6	0	0%	13	4	6	-	46%
6	35	27	8	23%	69	10	52	14	75%
7	73	45	39	53%	11	-	9	-	82%
<b>System NCRs (non-audit)</b>					162	21	109	15	67%
<b>Cancelled</b>					10	-	10	-	100%

### 3. Further quality-related events during this month

(please describe shortly)

ITP document reviews are ongoing, they are being updated as required and resubmitted to tie for approval. Continuing site visits to Barr (Depot building and Tram yards), Grahams (Verity House Access Rd) and Expanded (Depot Access Bridge and A8 Underpass) were undertaken in order to carry out surveillance checks and mentor site staff. Quite a few Barr construction NCR's in section 6 (the Depot) were discussed and advice was given to help with closure of the NCR's as per table above, 5C NCR's also discussed and Barr working towards resolution. Ongoing Depot Building ITP's were submitted to BB by Barr during June and reviewed and responded to by the Quality Manager and Site Agent. A review of ITP and ITR revisions on BIW and IMS was carried out during the month, relevant documentation to be updated and distributed by mid July. The Quality and Technical/Design dept have begun the process of reviewing and compiling As-built records in conjunction with the subcontractors. No internal audits in June however the schedule has been amended and audits will recommence in July.





2.13 Project Photographs

**Picture 01**

**Section 7/6/5C Mini-Test-Track/Depot/Depot Access Bridge**



**Picture 02**

**Section 5C Depot Access Bridge**



2.13 Project Photographs

**Picture 03**

**Section 5C**

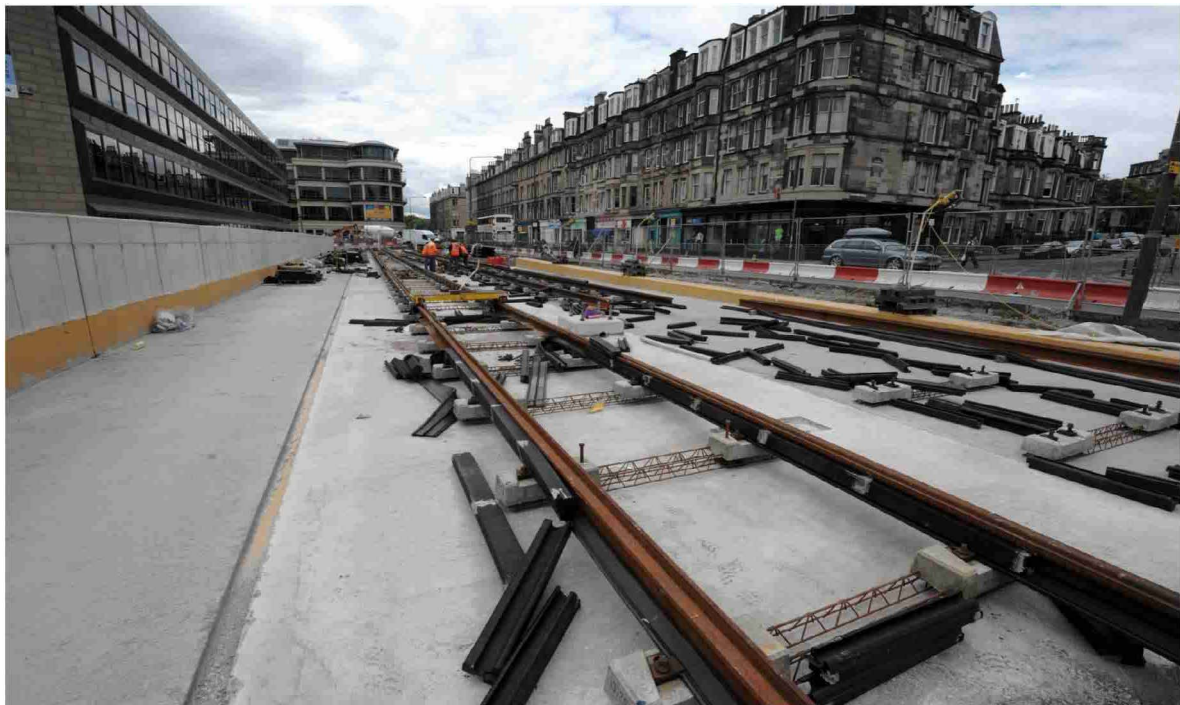
**A8 Underpass**



**Picture 04**

**Section 2A**

**Haymarket Viaduct**

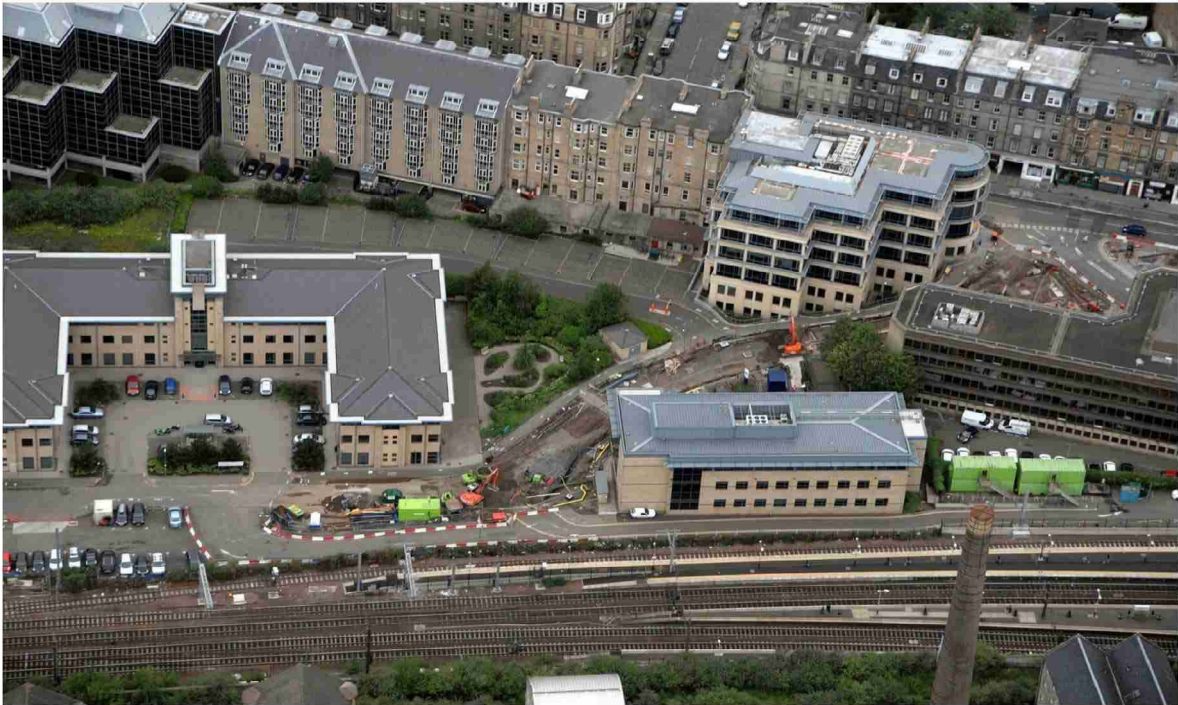


2.13 Project Photographs

**Picture 05**

**Section 2**

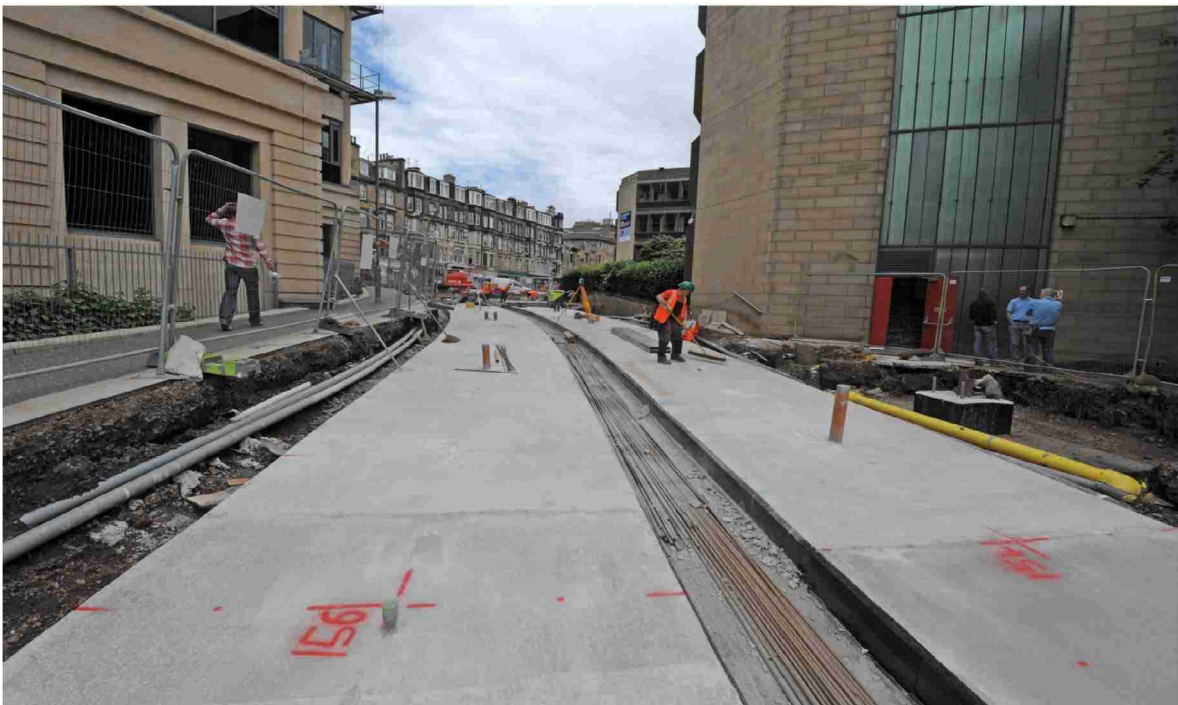
**Haymarket Corridor**



**Picture 06**

**Section 2**

**Haymarket Corridor**



**3.01 Overview Movements of Contingencies**

<b>Estimated Risks from Top Sheet (Unqualified Risk Register)</b>		<b>estimated</b>	<b>dissoluted</b>	<b>remaining</b>
		<b>GBP</b>	<b>GBP</b>	<b>GBP</b>
01.	Add. Insurances acc. CL. 76.17	10,000		10,000
02.	Liquidated Damages	464,000		464,000
03.	Interface with Railway Authorities	25,000		25,000
04.	Uninsured Economic Losses	132,500		132,500
05.	Delayed Start Of Construction Works	360,000		360,000
06.	Firm items In Value Engineering	279,500		279,500
07.	Quantity Risk <span style="float: right;">Adjusted in Job Estimate 09/2008</span>	1,000,000	292,824	707,176
08.	Corderoy's Quantities For Pavements in Sect. 5	389,000		389,000
09.	CEC Planning	25,000		25,000
10.	Road Safety Audit	250,000		250,000
11.	Network Rail	75,000		75,000
12.	Edinburgh Park	37,500		37,500
13.	Forth Ports	5,000		5,000
14.	HMRI	25,000		25,000
15.	Rails Drainage, Connections to existing drainage	70,000		70,000
16.	Tramstop	71,500		71,500
17.	Bonding and Earthing Not Priced	14,500		14,500
18.	Obstructions / Boulders (Piling And Anchoring)	30,000		30,000
19.	Settlement / Consolidation	20,000		20,000
20.	Soil Stabilization For Traffic on Embankments	100,000		100,000
21.	Reconstruction In Full Depth Of Pavement 1B	197,500		197,500
22.	Labour	40,000		40,000
23.	Staff	40,000		40,000
24.	Performance Of Utility Companies	5,000		5,000
25.	Ecology	1,000		1,000
26.	Pollution	2,000		2,000
27.	Changes In Law	30,000		30,000
28.	Legal Support	100,000		100,000
29.	Value Engineering	200,000		200,000
30.	Interpretation Of Code Of Constuction Practice	100,000		100,000
31.	Siemens/BB Scope Split	500,000		500,000
<b>total Estimated Risks from Top Sheet (Unqualified Risk Register)</b>		<b>4,599,000</b>	<b>292,824</b>	<b>4,306,176</b>
<b>Estimated Opportunities from Top Sheet (Unqualified Risk Register)</b>				
32.	Changes in Employers Requirements	-100,000		-100,000
33.	Package Contractors Interface	-10,000		-10,000
<b>total Estimated Opportunities from Top Sheet (Unqualified Risk Register)</b>		<b>-110,000</b>	<b>0</b>	<b>-110,000</b>
<b>Additional Estimated Risks</b>				
34.	Interface Systems & Civils	1,000,000	0	1,000,000
<b>total Additional Estimated Risks</b>		<b>1,000,000</b>	<b>0</b>	<b>1,000,000</b>
<b>Estimated Escalations</b>				
35.	Escalation - Farrans <span style="float: right;">Adjusted in Job Estimate 11/2008</span>	483,046	483,046	0
36.	Escalation total <span style="float: right;">Adjusted in Job Estimate 08/2009</span>	4,388,294	942,000	3,446,294
37.	Enhanced Labour Rate	294,000		294,000
<b>total Additional Estimated Escalations</b>		<b>5,165,340</b>	<b>1,425,046</b>	<b>3,740,294</b>
<b>Contingencies released</b>				
38.	Overall <span style="float: right;">Adjusted in Job Estimate 10/2009</span>	0	3,916,682	-3,916,682
<b>total Additional Estimated Escalations</b>		<b>0</b>	<b>3,916,682</b>	<b>-3,916,682</b>
<b>total</b>		<b>10,654,340</b>	<b>5,634,552</b>	<b>5,019,788</b>

**3.02 Design - Drawing Status**

No.	Description Status acc. Sections	Sections							Phase		Total
		SW	1	2	3	5	6	7	1a incl. SW	1b excl. SW	
<b>Original SDS Design:</b>											
1	Draft, to be issued for construction										
2	Issued for External Approval (IFEA), to be IFC				129						129
3	Issued for Construction (IFC)				261						261
4	Partially agreed for Construction (PAFC)										
5	Agreed for Construction (AFC)										
6	For As-Built Info Incorporation										
7	As Built										
8	Hand over										
9	Withdrawn										
10	Not to be IFC				155						155
11	IFEA, but not to be IFC				41						41
<b>New Design for Change Order:</b>											
21	Draft, to be issued for construction	5	3	2		1		10	21		21
22	Issued for External Approval (IFEA), to be IFC	23	101	5		135	1	18	283		283
23	Issued for Construction (IFC)	113	636	141		809	298	204	2,201		2,201
25	Agreed for Construction (AFC)										
26	For As-Built Info Incorporation										
27	As-Built										
28	Hand over										
30	Not to be IFC										
31	IFEA, but not to be IFC										
<b>Total (1~3+5~52)</b>		<b>141</b>	<b>740</b>	<b>148</b>	<b>586</b>	<b>945</b>	<b>299</b>	<b>232</b>	<b>3,091</b>	<b>586</b>	<b>3,677</b>
<b>Original SDS Design:</b>											
Issued for Construction (3+5~8+43+46)					261				261	261	261
Total Issue for Construction (1~3+5~8+41~46)					390				390	390	390
Percentage of Completion IFC					66.92%				66.92%	66.92%	66.92%
<b>SDS Design incl. Change Orders:</b>											
IFC incl. new Issues for CO (3+5~8+23~28+43+46)		113	636	141	261	809	298	204	2,201	261	2,462
Total IFC incl. new Issues for CO (1~3+5~8+21~28+41~46)		141	740	148	390	945	299	232	2,505	390	2,895
Percentage of Completion IFC		80.1%	85.9%	95.3%	66.9%	85.6%	99.7%	87.9%	87.9%	66.9%	85.0%
<b>Percentage of Completion under consideration of IDR</b>		<b>94.8%</b>	<b>98.4%</b>	<b>98.3%</b>	<b>96.7%</b>	<b>98.6%</b>	<b>100.0%</b>	<b>94.8%</b>	<b>98.2%</b>	<b>96.7%</b>	<b>98.0%</b>