

EDINBURGH TRAM NETWORK

Monthly Project Report
July 2010



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: July 2010

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

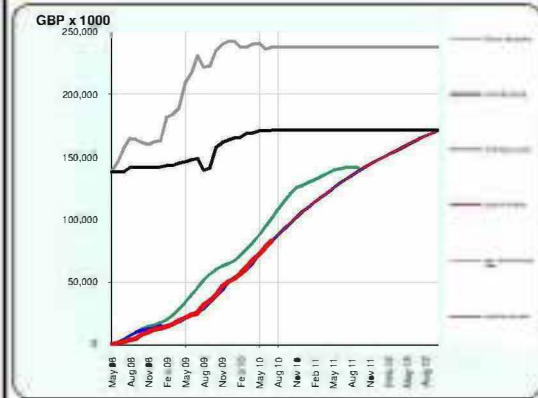
2. Performance Report

- 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

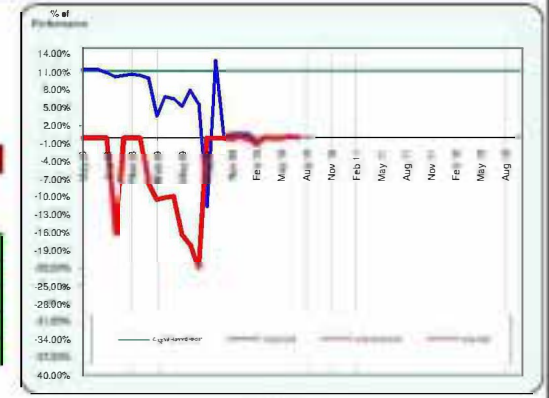
1.01 Project Overview Charts



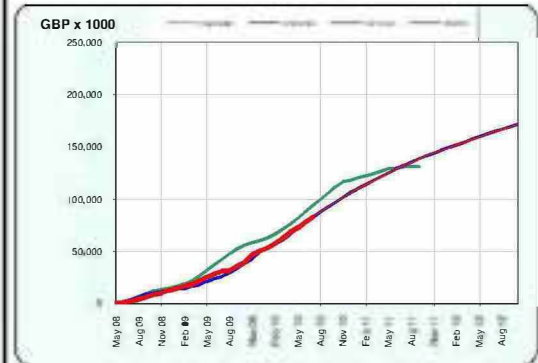
Performance

	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 red
Total contract value [GBPx1000]	141,509			171,212	
Claims / Variations approved				36,930	
Claims / Variations not approved				66,107	
Performance		82.743		83,250	100.6% green
Actual Cost to Date				83,296	100.1% green
Result	11.07%	-0.18%	-0.18%	-0.06%	0.00% green
Payment Status		79,023		82,613	104.5% green
Av.Perf/mth: Rem. & act. 3mth			3,665	4,980	green

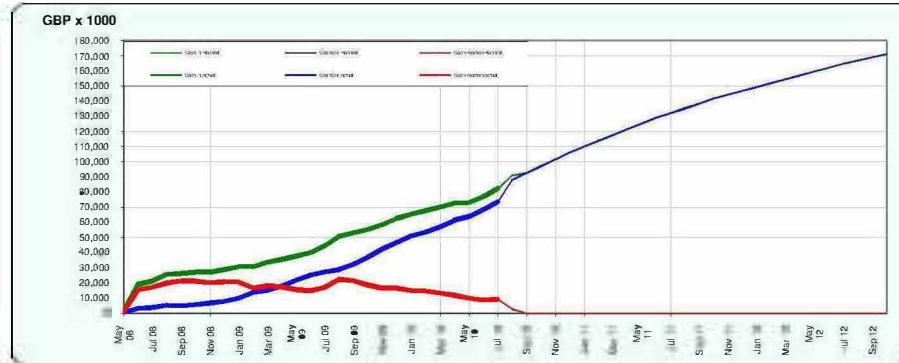
Project Key Figures



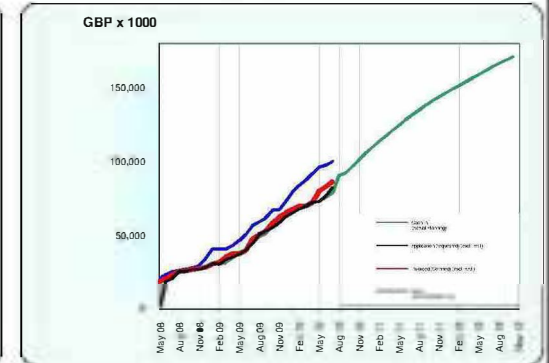
Project Result



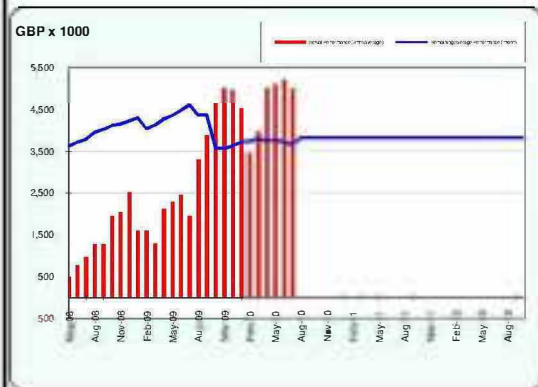
Project Cost



Cashflow



Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev 3A)



Contingencies vs Risks

1.02 Short note on Overview Charts

1.2.1	Performance												
<p>The current policy on site is still to limit work to elements which are unaffected by an unapproved change or which are the subject of acceptable instructions from the client, such that in either case payment is secure.</p> <p>Works at Lindsay Road, Tower Place Bridge, Haymarket Viaduct, Russell Road Retaining Wall, Balgreen Road Retaining Wall, Baird Drive Retaining Wall, Carrick Knowe Bridge, Guided Busway, Edinburgh Park Bridge and Airport Tram Stop Section were performed on this basis. Instructed construction parts (Clause 80.15) at Depot Access Bridge and Drainage Section 7 are ongoing on demonstrable cost basis during dispute resolution in accordance with the contract.</p> <p>In addition works with risk are executed on corridor Haymarket to Russell Road Bridge, corridor South Gyle Access Bridge to Edinburgh Park Bridge, A8 Underpass, Depot and Earthworks Section 7 as agreed with Executive Management.</p>													
1.2.2	Project Cost												
<p>The main cost overrun is due to cost and resource increases mainly caused by:</p> <ul style="list-style-type: none"> - subcontracts (standby claims, additional works) - extension of time (staff, financial, running site) - consultants and design works - insurances and bonds - cost for legal fees <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>													
1.2.3	Project Result												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">The monthly cumulative results adds up to</td> <td style="width: 10%; text-align: right;">-£45,984.00</td> <td style="width: 10%; text-align: center;">or</td> <td style="width: 10%; text-align: right;">-0.06%</td> </tr> <tr> <td>The forecast/planned result shows</td> <td style="text-align: right;">-£315,114.00</td> <td style="text-align: center;">or</td> <td style="text-align: right;">-0.18%</td> </tr> </table> <p>caused by the fluent situation of the project, i.e. no agreement on 188 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</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 10%; text-align: right;">£14,112.34</td> <td style="width: 10%; text-align: center;">or</td> <td style="width: 10%; text-align: right;">7.10%</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	-£45,984.00	or	-0.06%	The forecast/planned result shows	-£315,114.00	or	-0.18%		£14,112.34	or	7.10%
The monthly cumulative results adds up to	-£45,984.00	or	-0.06%										
The forecast/planned result shows	-£315,114.00	or	-0.18%										
	£14,112.34	or	7.10%										
1.2.4	Payment Status												
<p>The payments from the client tie remain in time based on the agreed invoice application before the invoice submission.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Certified net from the client:</td> <td style="width: 40%; text-align: right;">£86,724,745.33</td> </tr> <tr> <td>Paid net from the client:</td> <td style="text-align: right;">£82,613,210.53</td> </tr> </table>		Certified net from the client:	£86,724,745.33	Paid net from the client:	£82,613,210.53								
Certified net from the client:	£86,724,745.33												
Paid net from the client:	£82,613,210.53												
1.2.5	Cashflow												
<p>The ETN project cash flow remains cash positive. Furthermore the achievement of milestones in timely manner (monthly cut off dates) needs to be clarified with the client to allow or enable an optimized cashflow forecast.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Cash in net:</td> <td style="width: 20%; text-align: right;">£83,314,161.71</td> <td style="width: 20%;"></td> <td style="width: 10%; text-align: right;">(incl. interest income)</td> </tr> <tr> <td>Cash out net:</td> <td style="text-align: right;">£73,858,206.62</td> <td></td> <td></td> </tr> <tr> <td>Cash balance net:</td> <td style="text-align: right;">£9,455,955.09</td> <td></td> <td></td> </tr> </table>		Cash in net:	£83,314,161.71		(incl. interest income)	Cash out net:	£73,858,206.62			Cash balance net:	£9,455,955.09		
Cash in net:	£83,314,161.71		(incl. interest income)										
Cash out net:	£73,858,206.62												
Cash balance net:	£9,455,955.09												
1.2.6	Contingencies												
<p>The value for in the tender estimated contingencies is stable about:</p> <p style="text-align: center;">£5,019,788.00</p> <p>(see attachment 3.01)</p>													
1.2.7	Construction Programme												
<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 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).</p>													

1.03 General Information

1.3.1	Short note on progress, events this month		
	<p><u>Mobilisation :</u></p> <p><u>Design:</u> Production of civil and building drawings in accordance with the original design is 98% complete. In general earthworks, roads, track, structures and depot drawings are available. Drawings for substations and tramstops are being completed to support construction. 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 design in accordance with the acceleration programme to achieve an completion of the design in June/July 2010.</p> <p><u>Procurement :</u> Where work is available, subcontractors are working under limited notices to proceed but all our contractors are very concerned about the impact on their works of unresolved change issues.</p> <p><u>Construction :</u> Off-Street works have continued at Haymarket Viaduct, Corridor Haymarket to Russell Road Bridge, Russell Road Retaining Wall, Balgreen Retaining Wall, Baird Drive Retaining Wall, Carrick Knowe Bridge, Guided Busway, Edinburgh Park Bridge, A8 Underpass, Depot, Earthworks Section 7 and Airport Tram Stop Section. On-Street works started at Lindsay Road and Tower Place Bridge. Works on Depot Access Bridge and Drainage Section 7 are continued in accordance with the Clause 80.15 instruction by tie.</p>		
1.3.2	Significant extraordinary events		
	Date	Description	Remarks
		MUDFA Rev. 8: Adjudicator awarded 5 months extension of time on Sectional Completion Date A and valued the majority of principles in our favour.	
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		
	<p>666 changes notified to date (86 by tie and 580 by Infraco). 87 of these have been superseded by further changes or withdrawn. 80 of these have a delay only impact and will not require an estimate. Therefore there are 499 changes requiring estimates. 342 changes are submitted. Of this 154 changes were confirmed by tie and a total of 154 change orders received. 188 changes are under review in tie. 157 estimates are to be submitted whereof 65 are awaiting design information. 17 estimates of that are proceeding currently through the internal consortium approval process.</p>		


1.04 Performance Sheet

1. General Information				2. Construction Period		Original Contract	Revised Contract	Variance	
Client:	tie LIMITED			Construction start date	15-May08	15-May-08	0 days		
Leadership:	BILFINGER BERGER UK LIMITED			Construction end date	16-Jul-11	05-Jun-12	325 days		
	0			Total excl. Site Removal	38 month	49 month	128 %		
Currency:	GBP	Rp.	(all amounts without V.A.T.)	Expired construction time	26.5 month	26.5 month	55 %		
Rate of Exchange Top Sheet:	1 GBP =	1.25 EUR	Actual: 1,20 EUR	Performance to date		83,249,845 GBP	49 %		
2. Total Contract Value				Date of Contract		Total Previous Month	July 2010	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)		171,073,984	127.4%	137,669	
Contract Value with 3rd Parties (without interest)				0		0	0.0%	0	
						171,073,984	127.4%	137,669	
								171,211,633	
								127.5%	
								0	
								0.0%	
								171,211,633	
								127.5%	
3a. Provisional Sums				Total Previous Month		July 2010	Total Reporting Month		
SDS Novation Agreement Provisional Sums				2,468,000		1.8%	96,800	2,564,800	
Defined Provisional Sums				181,489		0.1%	0	181,489	
Undefined Provisional Sums				571,483		0.4%	0	571,483	
								0.4%	
3b. Claims and Variations				Total Previous Month		July 2010	Total Reporting Month		
Claims and Variations approved (= Total VOs Approved - 3a. Provisional Sums)				33,571,783		25.0%	40,869	33,612,652	
Claims and Variations submitted but not approved yet				44,191,887		32.9%	3,504	44,195,391	
Claims and Variations under preparation				20,906,414		15.6%	1,004,778	21,911,193	
								16.3%	
4a. Performance				Total Previous Month		July 2010	Total Reporting Month		
Performance for Actual Contract Value with Client				78,137,539		45.67%	5,112,306	83,249,845	
Performance for 3rd Parties (without interest)				0		0.00%	0	0	
Total Performance to Date				78,137,539		45.67%	5,112,306	83,249,845	
Remaining Performance to Date				92,936,425		54.33%		87,961,788	
Actual Planned Performance (Planned Performance per report date - Performance Last Month)				78,137,539		45.67%	4,605,461	82,743,000	
								48.62%	
								0.00%	
								51.38%	
								48.33%	
4b. Cost				Total Previous Month		July 2010	Total Reporting Month		
Actual Cost at Reporting Date				78,084,125		45.64%	5,211,704	83,295,829	
								48.65%	
5. Result				Date of Contract		Total Previous Month	July 2010	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%	11,079,627	3,068	
Actual Result at Reporting Date							53,414	-99,398	
Forecast Result at the End of Contract							-232,286	-82,828	
Weighted Result at the End of Contract (Likely Case)							14,085,053	27,282	
								-0.06%	
								-0.18%	
								7.10%	
6. Invoices, Payment and Bank account				Total Previous Month		July 2010	Total Reporting Month		
Application to the client - excl. VAT				incl. Ret. Money		0	0.00%	97,800,937	57.17%
Certified by the client (Invoice) - excl. VAT				incl. Ret. Money		0	0.00%	83,558,373	48.84%
Cash in from the client - excl. VAT				excl. Ret. Money		0	0.00%	76,997,861	45.01%
Cash in from 3rd Parties - excl. VAT						0	0.00%	0	0.00%
Interest income						695,930	0.89%	5,021	700,951
Cash out (excl. VAT)						68,770,358	40.20%	5,087,849	73,858,207
Net Liquidity				crediline		0	0%	8,923,433	5.22%
								532,522	
								9,455,955	
								5.52%	
7. Subcontractor Work (incl. Design)				Total Previous Month		July 2010	Total Reporting Month		
Total Portion of Subcontractor Budget				60,353,024 (incl. SDS)		44.95%	115,112,319	67.29%	127,475
Total Amount of signed Subcontracts incl. approved Variation Order						0	0.00%	0	0
Total Subcontractor Result to date						0	0.00%	0	0
Actual Subcontractor Costs to date (incl. Accruals)						0	0.00%	0	0
Therefrom invoiced to date						0	0.00%	0	0
								0.00%	
								0.00%	
8. Actual Forecast for Performance and Result				in TSD GBP					
Performance	Original planned				Actual / Forecast				
	2008	2009	2010	2011	2008	2009	2010	2011	2012
Jan		1,706	2,786	2,346		584	2,632	3,750	2,550
Feb		2,526	4,026	2,026		1,739	4,077	3,750	2,550
Mrz		3,526	5,026	2,526		1,579	5,170	3,750	2,550
Apr		4,526	5,276	2,526		3,035	5,755	3,750	2,550
Mai	855	5,776	6,026	2,526	500	2,268	4,337	3,750	2,550
Jun	1,355	5,776	6,526	1,026	1,052	2,049	5,492	3,750	2,550
Jul	2,375	5,776	6,526	1,026	1,331	1,531	5,112	3,190	2,550
Aug	2,855	6,026	6,526		1,465	6,312	4,650	3,190	2,150
Sep	3,055	4,626	6,526		1,047	3,783	4,650	3,190	2,150
Ok1	2,855	4,026	6,526		3,340	3,931	4,650	3,190	2,202
Nov	1,535	2,526	5,026		1,725	7,288	4,650	2,550	
Dez	1,446	1,866	1,706		2,481	3,635	4,650	2,550	
Total	16,334	48,678	62,498	13,999	12,940	37,734	55,826	40,360	24,352
	Linear Calculation				total: 171,212				
Yearly Forecast									
Performance and Result in 2008									
Performance	12,940,002								
Result	2								
	0.00%								
Performance and Result in 2009									
Performance	37,733,662								
Result	-2								
	0.00%								
Performance and Result in 2010									
Performance	55,826,181								
Result	0								
	0.00%								
Performance and Result in 2011									
Performance	40,360,000								
Result	0								
	0.00%								
Performance and Result in 2012									
Performance	24,351,790								
Result	-315,114								
	-1.29%								
Total Performance and Result									
Performance	171,211,635								
Result	-315,114								
	-0.18%								
Edinburgh, 17/08/2010					Edinburgh, 17/08/2010				
Place and Date	M. Oerder, Project Director				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	171,212	171,212	171,212	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-171,527	-171,527	-171,527
2	Unapproved, but in Job Site Estimate integrated Changes	5,107	2,577	1,550	2	Unapproved, but in Job Site Estimate integrated Changes			
3	Total unapproved Changes	5,107	2,577	1,550	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				
4.16					4.16				
4.17					4.17				
4.18					4.18				
4.19					4.19				
4.20					4.20				
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	Uninsured Economic Losses	2,200	1,000	0
5.2	Change Order EOT2b	7,553	6,600	3,300	5.2	Interest Income	200	150	100
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				
5.16					5.16				
5.17					5.17				
5.18					5.18				
5.19					5.19				
5.20					5.20				
Σ 5.1 : 5.20	Chances	28,602	24,925	11,000	Σ 5.1 : 5.20	Chances	2,400	1,150	100
6 =1+3+4+5	Forecast Final Revenue	204,921	198,714	183,761	6 =1+3+4+5	Forecast Final Costs	-182,352	-184,602	-187,652

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue Costs Result	204,921 -182,352 22,569		
% Gross Margin based on Revenue Best Case	Revenue:	204,921	11.01%	
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue Costs Result		198,714 -184,602 14,112	
% Gross Margin based on Revenue Likely Case	Revenue:	198,714	7.10%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue Costs Result			183,761 -187,652 -3,890
% Gross Margin based on Revenue Worst Case	Revenue:	183,761		-2.12%
Gross Margin previous month (most likely case)		-1.02%	7.10%	-2.91%

	Project: Edinburgh Tram Network as per: 31/07/2010	
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001AK25 Edinburgh Tram 2010_07
Reporting Month: 25. R-P. 05.2010, 31/07/2010

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 10*(DJC-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. 16	Budget unapp. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJC AQty. 19	% Complete 20=9/19	Cost to Complete (A-Q) 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. 3_20090908																								
0	REVENUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25.1.201.42	Section 1 - Site Cost	287,817	-13,464	274,353	292,814	0	18,461	292,814	18,461	10,208	13,466	3,258	3,135,323	3,135,323	0	0	3,135,323	2,730,782	10.72 %	2,437,968	2,712,321	423,002	172,211	
25.1.201.48	Section 1 - Small Subcontract	0	0	0	373	0	373	373	373	0	0	0	230,805	230,805	373	0	231,178	231,178	0.16 %	230,805	230,805	373	373	
1.1	SECTION 1 - Overall	287,817	-13,464	274,353	293,187	0	18,834	293,187	18,834	10,208	13,466	3,258	3,366,128	3,366,128	373	0	3,366,501	2,961,960	9.90 %	2,668,773	2,943,126	423,375	172,584	
25.1.201.31	Section 1A1+1A2 - TBA	1,429,710	296,758	1,716,468	1,917,270	4,374	-520,822	1,706,659	-9,809	208,840	628,459	419,619	7,376,522	7,376,522	204,893	4,374	7,585,789	7,706,093	22.15 %	5,999,434	7,715,902	-130,113	-2,351,350	
25.1.201.33	Section 1A3 - TBA	4,545	-2	4,543	0	0	-4,543	0	-4,543	0	0	0	2,257,643	2,257,643	0	0	2,257,643	2,257,643	0.00 %	2,257,643	2,262,186	-4,543	-4,543	
1.2	SECTION 1 - Sub-Section 1 A	1,434,255	286,756	1,721,011	1,917,270	4,374	-525,36	1,706,659	-14,35	208,840	628,459	419,619	9,634,165	9,634,165	204,893	4,374	9,843,432	9,963,736	17.13 %	8,257,077	9,978,088	-134,656	-2,355,893	
25.1.201.40	Section 1 B(Main/Sub Contract)	461,036	63,792	524,828	293,015	205,865	-25,948	532,970	8,14	8,100	8,099	4,038,145	4,038,145	13,079	205,865	4,257,089	4,065,164	18.11 %	3,532,194	4,057,022	200,667	-197,925		
1.3	SECTION 1 - Sub-Section 1 B	461,036	63,792	524,828	293,015	205,865	-25,948	532,970	8,142	8,100	8,099	4,038,145	4,038,145	13,079	205,865	4,257,089	4,065,164	13.11 %	3,532,194	4,057,022	200,667	-197,925		
25.1.201.43	Section 1C1 - TBA	2,273	-	2,272	0	0	-2,27	0	-2,27	-238	0	238	1,086,641	1,086,641	11,788	0	1,098,429	1,099,759	0.00 %	1,099,759	1,102,031	-3,602	-2,272	
25.1.201.44	Section 1C2 - TBA	17,662	-	17,661	0	0	-17,661	0	-17,661	-1	0	4,335,508	4,335,508	7,869	0	4,343,377	4,343,377	3.90 %	4,343,377	4,361,038	-17,661	-17,661		
25.1.201.45	Section 1C3	837,579	196,00	1,033,586	933,729	125,000	25,143	1,058,729	25,143	1,058,729	-14,112	0	933,729	125,000	1,058,729	1,058,729	100.00 %	1,033,586	1,033,586	25,143	25,143			
1.4	SECTION 1 - Sub-Section 1 C	857,514	196,005	1,053,519	933,729	125,000	5,210	1,058,729	5,210	13,873	-13,87	5,422,149	5,422,149	953,386	125,000	6,500,535	6,501,865	16.28 %	5,443,136	6,496,855	3,880	5,210		
25.1.201.52	Section 1D(MacKenzie Sect	539,473	153,311	692,784	446,757	65,000	-181,02	638,606	-54,178	32,423	0	-32,423	2,998,74	2,998,744	-440,625	65,000	2,623,119	2,968,285	21.51 %	2,329,679	3,022,463	-399,344	-841,595	
25.1.201.96	SupplAgree Princes Street	11,453,116	690,561	12,143,677	10,750,286	0	-1,393,391	12,142,576	-1,101	228,808	-228,808	1,063,542	1,063,542	9,768,686	0	10,832,228	12,156,305	99.89 %	13,729	12,157,406	-1,325,178	-1,394,925		
1.5	SECTION 1 - Sub-Section 1 D	11,992,589	843,872	12,836,461	11,197,043	65,000	-1,574,418	12,781,182	-55,279	261,231	-261,231	4,062,286	4,062,288	9,328,061	65,000	13,455,347	15,124,590	84.51 %	2,343,408	15,179,869	-1,724,522	-2,236,520		
25.1.201.53	Site Costs/Remaining Works	9,918,813	19,083	9,938,896	370,885	0	-568,011	877,934	-60,962	34,532	13,166	-21,366	855,828	855,828	0	0	855,828	1,421,180	61.78 %	543,246	1,482,142	-626,314	-919,409	
25.1.201.54	Track & Formation - TBA	1,067,801	422,63	1,490,434	1,235,081	0	-255,35	1,484,195	-6,239	183,136	-734,905	-918,041	4,929,008	4,929,008	1,769,088	21,021	6,719,117	6,932,987	21.41 %	5,448,792	6,939,226	-220,109	-1,192,681	
25.1.201.55	Highways - TBA	14,869	0	14,869	0	0	-14,869	0	-14,869	0	0	2,402,044	2,402,044	0	0	2,402,044	2,402,044	0.00 %	2,402,044	2,416,913	-14,869	-14,869		
25.1.201.56	S27 Edinburgh Park Station	6,256,531	142,541	6,399,072	4,666,291	0	-1,732,781	6,414,443	15,371	155,658	91,409	-64,249	4,674,535	4,674,535	227,732	0	4,902,267	6,621,634	96.87 %	207,191	6,606,263	-1,703,996	-1,788,769	
25.1.201.57	S28 AS Darterpiess	2,029,151	135,675	2,164,826	1,229,291	-397,331	-1,332,866	2,151,448	-13,378	260,391	-284,575	-544,966	2,400,222	2,400,222	234,065	-51,8904	3,686,17	3,554,289	60.53 %	1,402,841	3,567,66	-2,004,544	-2,201,992	
25.1.201.58	Sub Structures/Substations	2,895,139	-307,482	2,587,657	1,478,121	0	-1,109,536	2,633,981	-46,224	276,826	211,324	-65,50	8,210,211	8,210,211	1,822,000	-1,123,054	8,119,18	9,011,094	29.23 %	6,377,213	8,964,970	-277,371	-3,795,881	
1.6	SECTION 5 - Sub-Sections 5A/B/C	13,183,304	412,450	13,595,754	8,979,669	-397,331	-5,013,416	13,561,901	-33,853	910,543	-703,581	-1,614,124	23,471,848	23,471,848	3,262,915	-1,050,143	25,684,620	29,943,228	45.29 %	16,381,327	29,977,081	-4,292,461	-9,913,602	
25.1.201.61	Section 2A5A (Main Sub Contract)	5,832,580	780,409	6,612,989	5,866,744	66,575	-679,670	6,674,877	61,888	674,217	405,410	-268,80	20,024,410	20,024,410	1,853,150	152,675	22,030,235	22,114,089	30.18 %	15,439,212	22,052,201	-21,966	-2,252,054	
25.1.201.62	Section 5C47 (Main Sub Contract)	4,101,971	1,028,888	5,130,859	3,567,902	664,801	-898,136	5,121,461	-9,378	1,019,381	509,808	-509,573	5,738,972	5,738,972	1,201,884	1,102,972	8,043,828	7,068,805	72.45 %	1,947,344	7,078,183	965,445	-1,239,683	
25.1.201.63	Section 6 (Main Sub Contract)	9,918,303	840,862	10,759,165	10,017,018	241,71	-500,430	10,756,569	-2,596	773,846	823,416	49,570	13,932,200	13,932,200	1,557,520	342,897	15,832,617	16,681,003	64.48 %	5,924,434	16,683,599	-850,982	-776,101	
1.7	SECTION PACKAGES - Sub-Section	19,852,854	2,650,139	22,502,993	19,451,664	973,093	-2,078,236	22,552,907	49,914	2,467,444	1,738,634	-728,810	39,695,58	39,695,582	4,612,554	1,598,544	45,906,680	45,863,697	49.17 %	23,310,990	45,813,98	92,697	-4,267,819	
25.1.201.21	Temporary Traffic Management	2,886,500	106,739	2,793,239	1,187,499	47,661	-1,558,079	2,847,722	34,931	-35,356	67,634	102,990	2,765,570	2,765,570	362,45	47,939	3,175,966	4,613,527	87.9 %	1,765,805	4,559,044	-1,383,078	-2,524,022	
25.1.201.82	Street Lighting - TBA	0	0	0	0	0	0	0	0	0	0	0	1,130,224	1,130,224	-10,26	0	1,119,957	1,130,224	0.00 %	1,130,224	1,130,224	-10,267	0	
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	
1.8	SECTIONWIDE	2,886,500	106,739	2,793,239	1,187,499	47,661	-1,558,079	2,847,722	54,483	-35,356	67,634	102,990	4,045,794	4,045,794	352,190	47,939	4,445,923	5,893,751	48.32 %	3,046,029	5,839,268	-1,393,345	-2,524,022	
1	CONSTRUCTION	50,755,869	4,546,289	55,302,158	43,527,076	1,023,662	-10,751,420	55,335,257	33,099	3,836,784	1,752,712	-2,084,072	93,736,097	93,736,097	18,727,451	996,579	113,460,127	120,318,191	45.99 %	64,982,934	120,285,092	-6,824,965	-21,317,987	
25.1.201.64	Canteen/Office / Running ...	2,296,046	75,489	2,371,535	1,960,289	24,684	-386,562	2,352,206	-19,329	66,548	33,767	-32,781	1,988,002	1,988,002	1,618,902	44,135	3,651,039	4,108,098	57.26 %	1,755,892	4,127,42	-476,388	-675,100	
25.1.201.65	Staff	13,128,310	146,88	13,275,19	10,530,795	136,749	-2,607,653	13,296,488	21,291	611,397	285,483	-325,914	13,241,334	13,241,334	8,298,181	246,685	21,786,200	22,605,076	58.82 %	9,308,588	22,583,785	-797,585	-4,433,276	
25.1.201.66	Design And Engineering	8,477,854	325,746	8,803,600	5,925,650	922,129	-1,955,821	8,760,591	-43,009	469,818	203,798	-266,020	3,308,815	3,308,815	3,458,582	993,900	7,761,297	9,529,381	91.93 %	768,790	9,572,390	-1,811,093	-2,127,511	
25.1.201.67	Insurances, Bonds, Interest	-80,815	75,815	-5,000	326,919	0	331,919	33,819	38,819	34,859	29,759	-5,100	2,552,27	2,552,277	2,054,152	60,488	4,666,897	5,632,382	0.60 %	5,598,563	5,593,563	-926,666	331,919	
25.1.201.68	Tender Costs	543,775	0	543,775	543,775	0	0	543,775	0	0	0	0	543,775	543,775	0	0	543,775	543,870	100.00 %	543,775	543,775	0	0	
25.1.201.71	Consultants																							

Project: GB-2006-1001AK25 Edinburgh Tram 2010_07
Reporting Month: 25. R.-P. 05.2010, 31/07/2010

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	Variance to Date	Actual Cost with Accruals	Actual Allowable	Variance	Budget Original Qty.	Budget Orig. Contr. with A Qty.	Budget Agreed VO's A Qty.	Budget unappr. VO's A Qty.	Budget Total A Qty.	Revised DJCt A Qty.	% Complete	Cost to Complete (A-Q)	Forecast Final Cost	Forecast Final Variance	Projected Variance (Linear)
Total Cost incl. Prime Cost Sums		77,395,612	5,900,211	83,295,829	63,407,802	2,108,653	-17,779,374	83,399,965	104,133	5,211,704	3,044,703	-2,167,001	125,838,065	125,838,065	34,290,873	2,372,344	162,501,282	171,526,747	48.6 %	88,126,782	171,422,611	-8,921,321	-36,583,074
Prime Cost Sums 0 / 0																							
Total Cost without Prime Cost Sums		77,395,612	5,900,211	83,295,829	63,407,802	2,108,653	-17,779,374	83,399,965	104,133				125,838,065	125,838,065	34,290,873	2,372,344	162,501,282	171,526,747		88,126,782	171,422,611		

REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 0.9982, PFB = 1.0692)

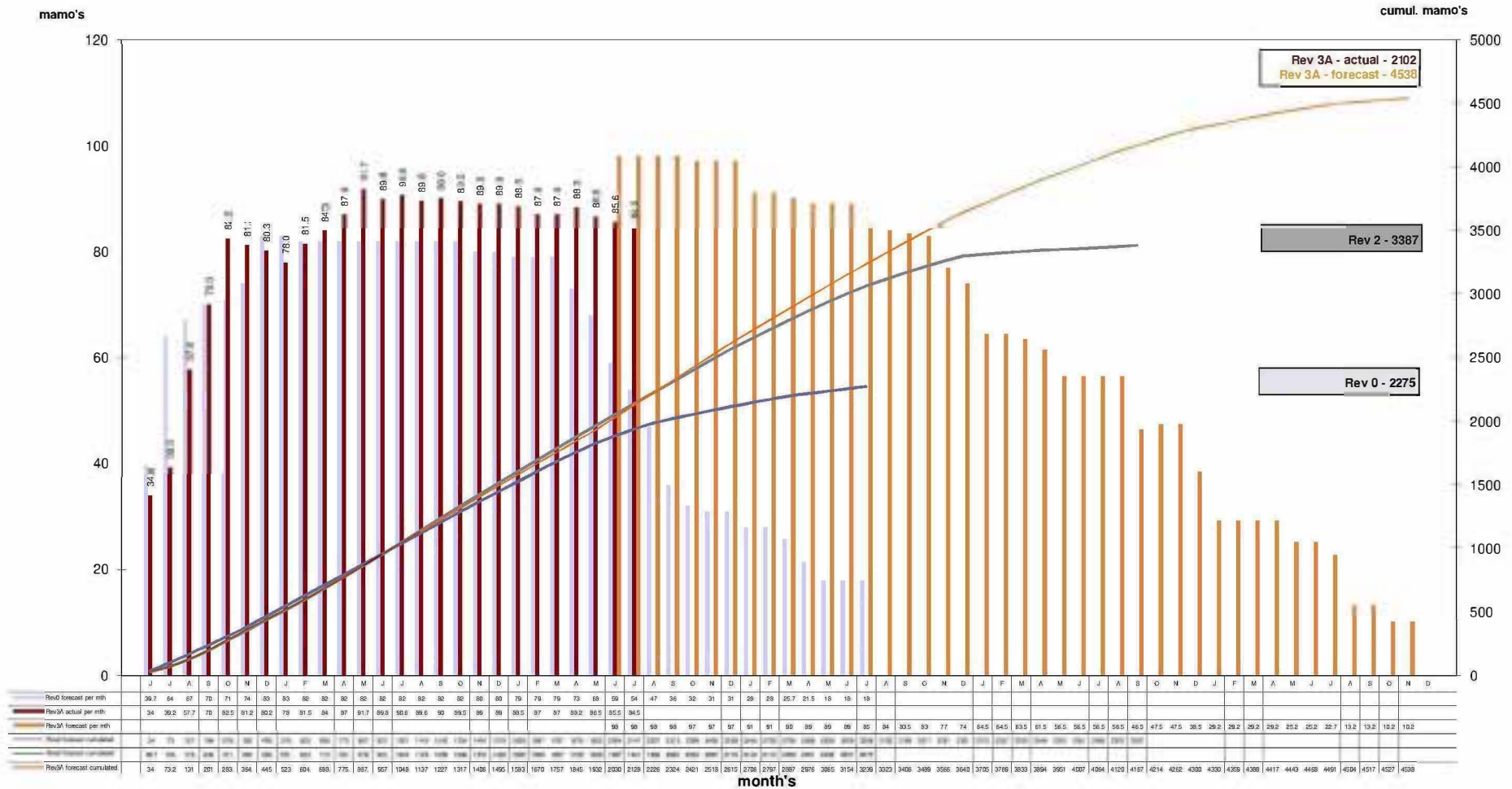
Total Cost without Prime Cost Sums	83,295,829	63,407,802	83,399,965	125,838,065	125,838,065	34,290,873	2,372,344	162,501,282	171,526,747	171,422,611
Gross Margin		4,187,830	-150,120	15,670,750	8,443,144	2,639,551,00		11,082,695	315,114	310,978
Gross Margin in % of Performance		6.47 %	-0.18 %	11.07 %	6.29 %	7.15 %		6.47 %	-0.18 %	-0.12 %
Performance without Prime Cost Sums		67,795,622	83,249,845	141,508,815	131,281,209	36,930,424		171,211,633	171,211,633	171,211,633
Actual Cost to date		83,295,829	83,295,829							
Gross Margin to date		-15,500,207	-45,984							
Gross Margin to date in % of Performance		-22.86 %	-0.06 %							
Performance Prime Cost Sums										
Total Performance		67,795,622	83,249,845	141,508,815	131,281,209	36,930,424		171,211,633	171,211,633	171,211,633
Revenue according WBS										

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0132, PFB = 1.0695)

Total Cost without Prime Cost Sums	65,516,455	83,399,965	125,838,065	125,838,065	34,290,873	2,372,344	162,501,282	171,526,747	171,422,611
Gross Margin	4,553,394	1,100,880	15,670,750	8,443,144	2,639,551,00		11,287,799	2,262,334	2,366,470
Gross Margin in % of Performance	6.96 %	1.30 %	11.07 %	6.50 %	7.15 %		6.50 %	1.80 %	1.36 %
Valued Performance without Prime Cost Sums	70,069,849	84,500,845	141,508,815	134,281,209	36,930,424	2,577,448	173,789,081	173,789,081	173,789,081
Actual Cost to date	83,295,829	83,295,829							
Gross Margin to date	-13,225,980.00	1,205,016							
Gross Margin to date in % of Performance	-18.88 %	1.43 %							
Performance Prime Cost Sums (incl. valued performance)									
Total Performance (incl. valued performance)	70,069,849	84,500,845	141,508,815	134,281,209	36,930,424	2,577,448	173,789,081	173,789,081	173,789,081
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: **31/07/2010**



2.08a Approved Change Orders

										Estimate							
INTC	TCO	DRP	Prov Sum	Section	Activity	QS	Description	Date of Approval	Revenue	Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4%	OH&P / Margin	Margin in %	Remarks		
													5=1-2-3-4	6=5/1			
				NovaAgree	66		SDS Novation Agreement Provisional Sums	28/02/10	2,564,800.00	2,564,600.00							
				PSSA	96	SSm	Works carried out under Supplemental Agreement concerning Princes Street	20/03/09	12,760,161.05	10,465,330.13		1,393,120.78	921,710.14	7.21%			
019	001			Graham	61	GAn	Archaeological Survey to the Calve Ale House	19/09/06	5,976.61	4,430.40	775.32	327.85	443.04	7.41%			
021	002			Graham	61	GAn	Asbestos in the Caladonian Ale House	19/09/06	6,053.64	4,467.50	785.31	332.08	448.75	7.41%			
053	003			5C	misc	GAn	TNC004-Utilities diversions & associated works	10/10/06	39,217.65	28,539.95	5,494.67	2,323.54	2,659.29	7.29%			
067	004			WSC	64/65		Duct Installation at Leith Walk	22/01/09	344.00	255.00	44.63	18.91	25.50	7.41%			
059	005			Graham	61	GAn	Notified Departure in acc. With Schedule 4 due to the Asbestos Survey	30/10/08	29,947.60	22,200.00	3,885.00	1,642.80	2,220.00	7.41%			
051	006			5A	misc	GAn	TNC002-Utilities diversions & associated works	03/12/06	75,468.50	54,944.68	10,576.85	4,472.50	5,494.47	7.28%			
052	007			5B	misc	GAn	TNC003-Utilities diversions & associated works	03/12/06	86,027.17	64,070.99	12,333.67	5,215.36	6,407.13	7.28%			
166	008			1A	31	SKy	Demolition of existing garage and fuel tanks on Ocean Drive.	03/12/06	19,560.50	14,500.00	2,537.50	1,073.00	1,450.00	7.41%			
176	009			Farrans	62	OHu	Temporary Ramps (2 no) at Gogar Church Road Construct Car Park	16/12/06	7,725.08	5,622.74	1,092.38	457.69	562.27	7.28%			
237	010		LPS	Graham	61	GAn	Move site boundary fencing at Haymarket Car Park	17/12/06	987.96	719.09	138.43	58.55	71.91	7.28%			
272	011			5B	54	GAn	Starter Layer below Subsoil Level at Carrick Knowe	17/12/06	96,557.69	70,260.00	13,526.90	5,720.79	7,026.00	7.29%			
023	012			Graham	61	GAn	Demolition of Access Steps to Haymarket Station Carpark	23/01/09	2,360.75	1,710.00	306.25	126.54	217.96	9.23%			
	013						sae TCO4										
192	014		LPS	1B	40	SKy	Discovery of Cable & Wireless ducts - Chainage 106	22/01/09	187.35	135.36	26.25	11.10	13.64	7.28%			
048	015			SDS	66		Additional TRO Drawings as SDS Letter dated 4th July 2008	22/01/09	3,550.18	3,024.00		223.78	302.40	8.52%			
168	016			1A	31	SKy	Demolition of existing building at 33 Ocean Drive.	02/03/09	6,745.00	4,969.52	875.00	369.22	511.26	7.58%			
007	017			WSC	65		Hard standing at Haymarket Yards	29/01/09	1,011.75	750.00	131.25	55.50	75.00	7.41%			
084	018			SDS-WSC	65/66		TNC005-Runside road Diversion - Fees for design (INF-CORR006)	03/02/09	720.00	613.29		45.36	61.33	8.52%			
271	019			SDS	66		Road Construction Details - Construction Methodology Statements for	13/02/09	372,540.13	317,325.50		23,482.06	31,732.55	8.52%			
269	020			SDS	66		Instructions arising from Trackform Development Workshop	13/02/09	371,057.96	316,063.00		23,366.66	31,606.30	8.52%			
274	021			TM	21	SKy	Princes Street Construction Works-closure to traffic during construction	13/02/09	7,522.40	5,576.26	975.85	412.64	557.63	7.41%			
050	022						not concerning										
159	023		DPS				Removal of Provisional Sum Main Contract - Relocation Ancient Monuments	12/03/09									
141	024			SDS	66		West End Tramstop - revised requirements from CECAle.	09/04/09	16,635.17	14,170.50		1,048.82	1,417.05	8.52%			
266	025			Depot	63	OHu	Monthly Track Monitoring Network Rail East Coast North Line / Gogar Depot	27/03/09	5,369.02	3,960.00	695.50	294.52	398.00	7.41%			
173	026			Graham	61	GAn	Discovery of underground petrol tank at National Car Rental Site.	07/04/09	5,530.90	4,100.00	717.50	303.40	410.00	7.41%			
075	027			Farrans	62	OHu	Temporary Access Ramp from Depot	27/03/09	16,303.74	12,221.80	2,115.02	894.31	1,072.59	6.58%			
187	028			Depot	63	OHu	Additional excavated material at Depot	02/04/09	1,660,654.40	1,223,272.71	235,480.00	99,574.40	102,327.27	6.16%			
303	029						not concerning										
295	30.1		LPS	Farrans	62	OHu	Scottish Gas Networks - Trial Investigations to protect gas main at Culver 2	29/04/09	16,430.30	11,963.64	2,306.65	941.45	1,198.36	7.29%			
364	30.2			WSC	64/65		New Manhole (MH1) at Balmorie Place	12/02/10	1,498.23	1,268.19		103.23	126.81	8.46%			
216	031		LPS	1B	40	SKy	Discovery of alkathene water pipe above formation level - Chainage 265 RHS	29/04/09	618.86	458.75	80.28	33.95	45.86	7.41%			
218	032		LPS	1B	40	SKy	Discovery of 2 No. LV and 1 No. LV cables above formation level - 162 RHS.	29/04/09	295.47	218.36	36.21	16.16	22.74	7.70%			
220	033		LPS	1B	40	SKy	Discovery of Water connection pipework above formation level - 161 RHS	29/04/09	91.67	68.10	11.92	5.04	6.61	7.41%			
223	034		LPS	1B	40	SKy	Discovery of stone culvert - Chainage 100 RHS	29/04/09	1,169.22	866.79	151.69	64.14	86.60	7.41%			
225	035			1B	46	SKy	Repairs required to footpath to allow pedestrian access - Chainage 170 RHS	29/04/09	329.17	235.59	46.12	19.50	23.96	7.28%			
260	036			1B	40	SKy	Relocate existing Control Box - Section 1B	29/04/09	1,274.98	945.13	165.40	69.94	94.51	7.41%			
293	037			Farrans	62	OHu	Gogar Castle Road tree felling	29/04/09	1,335.51	990.00	173.25	73.26	99.00	7.41%			
294	038			Farrans	62	OHu	Reinstate access ramp at Gogar Depot	29/04/09	9,796.94	7,132.21	1,372.95	580.50	713.22	7.28%			
296	039			Farrans	62	OHu	Formation Level of Gogarburn Bridge West Abutment	29/04/09	13,439.93	9,782.32	1,853.10	796.26	978.23	7.28%			
297	040			Farrans	62	OHu	Formation Level of Gogarburn Bridge East Abutment	29/04/09	8,466.27	6,162.01	1,185.23	501.60	616.43	7.28%			
327	041		LPS	1B	40	SKy	Dye test and camera survey at Chainage 170 RHS	29/04/09	711.62	527.66	92.34	39.05	52.77	7.41%			
328	042		LPS	1B	40	SKy	Reinstate slabbed footway following MUDFA works	29/04/09	1,386.54	1,027.83	179.67	76.06	102.76	7.41%			
003	043		UPS	Consultants	71		Instruction to proceed with road surveys.	02/05/09	89,050.01	66,011.86	11,552.08	4,884.88	6,601.19	7.41%			
257	044			SDS	66		Feasibility Study (Design Only) Forth Ports access to ADM Milling	29/04/09	1,624.82	1,364.00		102.42	138.40	8.52%			

2.08a Approved Change Orders

INTC	TCO	DRP	Prov Sum	Section	Activity	QS	Description	Date of Approval	Revenue	Estimate					Remarks
										Budget for performance, design & estimate	Other Prelims 17.5%	Consortium fee 7.4%	OH&P / Margin	Margin in %	
													5=1-2-3-4	6=5*1	
195	045		LPS	1B	40	SKy	Discovery of temporary pedestrian crossing lighting ducts	29/04/09	910.16	675.00	118.13	49.95	67.09	7.37%	
193	046		LPS	1B	40	SKy	Discovery of Hydrant in kerbline - Chainage 333 RHS	29/04/09	449.22	333.00	58.28	24.64	33.30	7.41%	
164	047		LPS	1B	40	SKy	Discovery of void around existing T Dust - Chainage 360 RHS	29/04/09	192.37	142.60	24.96	10.55	14.26	7.41%	
169	048			IC	44	SSm	Demolition of Police Box Coffee Bar - Picardy Place	29/04/09	10,615.92	7,669.41	1,377.16	582.34	766.95	7.41%	
330	049		LPS	1B	40	SKy	Install additional gully Chainage 250 RHS	08/05/09	2,170.14	1,579.55	304.06	129.57	157.96	7.28%	
157	050			Farrans	62	OHu	Survey of Existing Drainage (Gogar Landfill)	01/05/09	4,027.46	2,931.41	564.30	236.62	293.13	7.28%	
324	051		LPS	5C		GAn	A6 Underpass Phase 1 Piling Obstructions	01/05/09	4,613.56	3,420.00	599.50	253.08	342.00	7.41%	
340	052			5C	56	GAn	Edinburgh Park Bridge South Abutment Base - Existing service (cable)	01/05/09	609.69	451.95	79.09	33.44	45.21	7.42%	
390	053			5B	54	GAn	Carrick Knowe chainage 520200 to 520240 - sub-grade improvement	15/05/09	98,501.39	71,694.73	13,801.24	5,835.95	7,169.47	7.28%	
360	054		DPS	SDS	66		Alteration of Design at Forth Ports Road 8	15/05/09	11,932.54	10,164.00		752.14	1,016.40	8.52%	
361	055		LPS	5A	53	GAn	Scottish Power Utility Diversion near Murrayfield Station	05/06/09	8,689.60	6,168.55	1,217.54	514.65	769.66	8.85%	
167	056		LPS	5A	53	GAn	Accommodate Works to Wanderers Clubhouse Building at Murrayfield	26/05/09	19,106.84	14,163.46	24,785.51	10,480.73	14,163.14	7.41%	
336	057			1B	40	SKy	Remove ornamental iron balls from Goshill Depot	03/06/09	406.29	301.15	52.70	22.29	30.12	7.42%	
042	058			SDS	66		Delay and Disruption to Ravenston Tramstop Landscaping	01/06/09	2,409.05	2,052.00		151.85	205.20	8.52%	
392	059			5B	56	GAn	Pier 1 Base Formation - Section 5B	03/06/09	561.45	408.65	78.67	33.25	40.87	7.28%	
336	060			MSC	64		Extension to Site Office for the SDS personnel	02/06/09	150,000.00	120,096.08	21,016.81	8,687.11	0.00	0.00%	
349	061			TM	21	SKy	Traffic Management contingency for Emergency Utility Works	02/06/09	404.70	300.00	52.50	22.20	30.00	7.41%	
385	062			TM	21	SKy	Section 1 C/D - Additional MASS barriers on Great Stuart Street	02/06/09	915.27	678.48	118.73	50.21	67.85	7.41%	
074	063			MSC	64/65		Sewer Diversion, Gogar Landfill	08/06/09	1,433.79	1,213.64		98.79	121.38	6.46%	
350	064			Farrans	62	OHu	Protected Species mitigation measures	05/06/09	9,262.22	6,862.20	1,204.48	509.32	686.22	7.41%	
273	065			SDS/MS	64/65/66		Gogarburn Retaining Wall W14 - Re-design Water Mains and Gas Main	07/07/09	1,156.57	961.36		77.01	98.14	8.46%	
222	066		LPS	1B	40	SKy	Discovery of valves and a hydrant fouling the new kerb line - 120 RHS	10/06/09	617.61	457.63	60.12	33.89	45.78	7.41%	
236	067			TM	21	SKy	Temporary Traffic Lights opposite Manderson Street required	04/09/09	15,084.79	11,182.21	1,956.69	827.48	1,118.21	7.41%	
243	068			SDS	66		Forth Ports Substation - Lack of as-built information	10/06/09	7,824.12	6,864.50		493.11	666.45	8.52%	
352	069			TM	21	SKy	Off-peak Taxi Rank at George Street	10/06/09	2,213.71	1,641.00	267.18	121.43	164.10	7.41%	
409	070			SDS	66		Forth Ports - New construction at Ocean Drive	10/06/09	2,617.60	2,400.00		177.60	240.00	8.52%	
wb	071						not concerning								
259	072			SDS-5B	54/66	GAn	Cycleway at Edinburgh Park Station repositioned outwith the LOD	15/06/09	52,094.65	39,609.70	5,340.56	3,221.42	3,922.97	7.53%	
171	073			Consultants	71	SKy	Contract with Faber Maunsel for Transit and Linag Modelling Assessments.	16/06/09	64,609.00	48,043.00	8,407.52	3,555.16	4,803.30	7.41%	
373	074		LPS		62	OHu	Transfer MUD-A Utility Diversion Sect. 5C-Conflict Schedule 5C/TE/D/05	17/06/09	3,269.10	2,379.41	458.05	193.89	237.89	7.28%	
371	075		LPS		62	OHu	Transfer MUD-A Utility Diversion Sect. 5C-Conflict Schedule 5C/TE/D/05	17/06/09	855.81	622.91	119.91	50.70	62.29	7.28%	
307	076			Graham	61	GAn	Contaminated Soil assessment at Haymarket Depot	11/06/20/08/09	54,966.59	40,761.00	7,133.16	3,016.31	4,076.10	7.41%	
439	077			SDS	66		SDS proposed office move to Edinburgh Park - IT costs	07/07/09	28,000.00	20,756.12	3,682.32	1,535.95	2,075.61	7.41%	
203b	078			Depot	63	OHu	Structural Steelwork	15/07/09	270,372.87	196,792.25	37,862.61	16,016.89	19,679.22	7.28%	
203a	079			Depot	63	OHu	Foundations	15/07/09	47,762.16	34,778.48	6,694.86	2,830.97	3,477.85	7.28%	
449	080			5B		GAn	Reinstatement of Bus Link	23/07/09							CO Value not issued - to be paid on Demonstrable Cost Basis
421	081						not concerning								
419	082			TM-IC	21/43	SKy	Replace MASS barriers at St Andrews Square	14/08/09	22,896.58	16,973.00	2,970.27	1,258.00	1,697.31	7.41%	
438	083						not concerning								
279	84.1			SDS	66		West Pillon Tram stop	29/07/09	659.37	732.00		54.11	73.20	8.52%	
413	64.2		LPS	Farrans	62	OHu	Provide local protection of sewer at Chainage 71 B90	31/07/09	2,696.95	1,999.22	349.86	147.94	199.93	7.41%	
179	085		LPS	SDS	66		Gatehouse Works to Murrayfield Stadium Part 1	05/08/09	106,663.91	92,558.70	6,849.34	9,256.67	6,522.91	6.52%	
179	086		LPS	SDS	66		Gatehouse Works to Murrayfield Stadium Part 2	10/08/09	34,630.00	29,667.80		2,195.42	2,966.76	6.52%	
159A	067			MSC	64/65		Provisional Sum Main Contract - Relocation Ancient Monuments Abortive Costs	25/01/10	3,992.60	3,378.55		275.10	337.96	8.46%	
	088						not issued yet								
234	089		LPS	1B	40	SKy	Leith Walk (Section 1B) Groundworks - Move THUS ducts - Ch 345 - 365	11/09/09	6,562.03	4,864.37	851.28	359.98	486.43	7.41%	
202	090			Farrans	62	OHu	FC Drawing changes - Gogarburn Culverts 1, 2 and 3	12/06/09	13,868.47	9,730.32	1,873.06	792.05	973.02	7.28%	
472	091			SDS	66		Developed kinematic envelope (DKE) check	08/02/10	15,116.77	12,876.00		952.97	1,287.80	8.52%	

Project: **Edinburgh Tram Network**
 as per: **31/07/2010**



2.08a Approved Change Orders

INTC	TCO	DRP	Prov Sum	Section	Activity	QS	Description	Date of Approval	Revenue	Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4%	OH&P / Margin	Margin in %	Remarks
													5=1-2-3-4	6=5*1	
401	092			Farrans	62	OHu	Additional earthworks to western approach embankment at Gogarburn Bridge	13/08/09	36,616.19	26,651.28	5,130.37	2,169.41	2,665.13	7.28%	
203g	093			Depot	63	OHu	Secondary Steelwork	17/08/09	2,355.95	1,714.79	330.10	139.58	171.48	7.28%	
334	094			Farrans	62	OHu	Access at New Ingleston	20/08/09	5,827.59	4,282.94	784.58	331.77	428.26	7.35%	
	095						see TCO 161	27/08/09							no value yet after Adjudicator's decision (DRP) rev estimate submitted
118	096			5SC	64/65		FC Drawing Change Cathedral Lane Sub Station	31/08/09	1,229.73	1,040.91		84.73	104.09	8.46%	
407	097			Depot	63	OHu	Hard material within Gogar excavation	02/09/09	35,806.89	26,062.23	5,016.98	2,121.41	2,606.21	7.28%	
091	098			5B	56	GAn	Reference ETN002 Edinburgh Park Structure(S27) Earthworks/Foundations.	04/09/09	62,388.71	37,750.68	7,902.57	3,060.38	3,775.08	7.21%	
337	099			TM-1B	21/40/71	SKy	Testing to carriageway at Leith Walk	04/09/09	15,452.46	11,454.75	2,004.58	847.65	1,145.48	7.41%	
088	100		DPS				not concerning BB								
	101						see TCO 132								
437	102			5B	58	GAn	Carrick Knowe works outwith the LOD	23/11/09	4,323.55	3,205.00	560.88	237.11	320.50	7.41%	
121	103		DPS				Urban Traffic Controls (UTC) associated with delivery of the alignment								instruction of ProvSum - Current Value just partially (only Siemens)
304	104			1C/D	96	SSm	Provisional Sum for Extra Over for Shell Grip at Junctions	12/10/09	56,259.21	113,728.94	21,893.80	9,257.95	11,378.52	7.28%	instruction of ProvSum - Current Value just partially
475	105.J		LPS	5B	57	GAn	A6 Underpass - RT works - Slew 2 way and 4 way ducts.	09/10/09	94,954.28	70,144.01	12,275.21	5,190.68	7,344.38	7.73%	
486	105.2			SDS	66		TRO Changes September 2009		3,430.43	2,922.00		216.23	292.20	8.52%	
362	106			5B	56	GAn	Edinburgh Park Bridge - Approach Ramps additional earthworks	09/10/09	185,000.00	134,653.18	25,920.74	10,960.77	13,465.31	7.28%	
414	107			5B	21/61	SKy/GAn	Sample soil mailing to embankments between Russell Road & Water of Leith	09/10/09	44,718.35	33,148.26	5,801.12	2,453.05	3,314.92	7.41%	
431	108			5B	57	GAn	Slew existing RT duct at A6 underpass	13/10/09	22,846.79	16,934.93	2,955.19	1,253.19	1,693.49	7.41%	
125	109			SDS-Graham	61/66	GAn	Underpass Ground Conditions at Haymarket Viaduct	23/10/09	94,317.38	68,649.54	13,215.01	5,588.08	6,864.77	7.28%	
191	110		UPS	1B	48	SKy	Discovery of concrete encased lighting cable - Chainage 339 RHS	28/10/09	179.57	133.51	23.29	9.95	12.92	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		1,480.00	2,000.00	8.52%	
077	112			SDS-Farrans	62/68	OHu	DESIGN ONLY to Amend line of route design section 51c (Match 5/22)	13/11/09	5,398.54	4,251.90	321.55	369.99	425.19	7.92%	
370	113			5B	56	GAn	Existing Ground levels at Edinburgh Park Bridge	23/11/09	61,851.90	47,265.35	6,932.89	2,931.62	4,721.44	7.63%	
203j	114			Depot	63	OHu	ADD ito FC changes to depot access road	13/11/09	78,674.56	57,263.88	11,023.30	4,861.28	5,726.38	7.28%	
112	115	DRP		Graham	61	GAn	FC Drawing Change Haymarket Viaduct	04/11/09	96,173.00	70,000.00	13,475.00	5,698.00	7,000.00	7.28%	Settlement reached during Internal DRP
001A.D	116	DRP		EOT1	64/65/67		FC dates entered into the Schedule Part 15 (Sect 1A-1D)	04/11/09	2,225,000.00		1,415,767.50	606,757.50	202,475.00	9.10%	Settlement reached in Mediation
315	117	DRP		Farrans	62	OHu	FC Drawing Changes - Drainage - Gogarburn to Airport	10/02/10							CO Value not issued - referred to Dispute Resolution Procedure
201	118	DRP		5C	58	GAn	FC Drawing changes - Depot Access Bridge	15/02/10							CO Value not issued - referred to Dispute Resolution Procedure
230	119						see TCO 165								
	120						see TCO 138								
428	121			5SC	64/65		Alteration of Drainage at Eastfield Avenue to avoid a clash with Utilities	13/11/09	1,054.74	903.64		70.74	90.36	8.49%	
	122						not issued yet								
309	123			5B	56	GAn	Edinburgh Park Bridge (S27) - South Abutment Base Formation	25/11/09	9,494.75	7,202.65	1,131.29	443.35	717.46	7.56%	
505	124						not concerning BB								
085	125			1A-1	31	SKy	TNC208 - Lindsay Road Retaining Wall Cost Estimate	15/01/10	484,065.00	352,329.09	67,823.85	28,679.58	35,232.97	7.28%	
369	126			5C	57/71	GAn	Maintain Thru and C & W services and dismantle water main at A6 Underpass	17/12/09	20,324.64	14,793.87	2,847.73	1,204.18	1,478.86	7.28%	
155A	127			Farrans	62	OHu	FC Drawing changes Gogarburn RTWs 14A, 15A, 15B, 15C	22/12/09	141,186.67	102,765.01	19,782.24	8,366.08	10,276.36	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	3,150.10	1,332.04	1,800.05	7.41%	
436	129			TM	21	SKy	Lothian Road pedestrian disruption	25/01/10	6,640.25	6,404.93	1,120.86	473.99	640.50	7.41%	
434	130			TM	21	SKy	George Street Emergency road closure	25/01/10	1,516.30	1,124.02	196.70	83.18	112.40	7.41%	
076	131			5SC	65		Gogar Depot Public Tramstop proposals GRIP options 4B & 4C2	13/01/10	50,000.00	42,589.44		3,151.62	4,258.94	8.52%	
146A	132	DRP		Graham	61	GAn	FC Drawing Change Russell Road RTWs Wall 4	18/02/10	1,461,857.21	1,083,659.90	189,640.48	80,190.83	108,365.95	7.41%	Settlement reached after DRP
151	133.I			5SC	64/65		Excavate and replace existing WO material within existing utility trenches.	22/01/10	1,065.68	902.05		73.43	90.20	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	9,220.92	3,899.13	5,185.76	7.39%	
367	134			Graham	61	GAn	Haymarket Station - Network Rail Access Doorway	08/02/10	2,814.69	2,086.50	365.14	154.40	208.65	7.41%	
474	135			5B	54	GAn	Additional manhole requirement - Section 5B	08/02/10	7,065.74	5,157.39	992.80	419.81	515.74	7.28%	
502	136			5B	58	GAn	Additional excavation at Carrick Knowe North Abutment	08/02/10	390.94	284.55	54.78	23.16	28.45	7.28%	
088A	137		DPS	Depot	63	OHu	Power Supply Ducts Section 6	15/02/10	13,297.28	9,678.49	1,863.11	787.83	967.85	7.28%	

2.08a Approved Change Orders

							Estimate								
INTC	TCO	DRP	Prov Sum	Section	Activity	QS	Description	Date of Approval	Revenue	Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4%	OH&P / Margin	Margin in %	Remarks
													5=1-2-3-4	6=5/1	
105	138	DRP		5B	58	GAn	FC Drawing Change Balgreen Road Retaining Wall	15/02/10	298,574.22	217,317.92	41,833.86	17,689.75	21,731.79	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	2,595.24	1,097.41	1,482.99	7.41%	
203p	140			Depot	63	OHu	FC issue drawings for alteration to Scottish Water valves MUDFA works	31/03/10	5,365.65	3,977.50	696.06	294.34	397.75	7.41%	
399	141			Farrans	62	OHu	Addition of starter and capping layers in Section 7A	04/03/10	1,139,305.68	829,249.35	159,630.50	67,500.90	82,924.93	7.28%	Estimate provisional
402	142			5B	54	GAn	Addition of starter and capping layers in Section 5B	03/03/10	1,048,164.38	743,019.32	170,361.35	60,481.78	74,301.93	7.09%	
403	143			5C	54	GAn	Addition of starter and capping layers in Section 5C	03/03/10	930,159.34	677,020.05	55,109.52	130,326.57	170,361.35	7.28%	
139	144			SDS	66		Revised location of OLE poles in Section 1A at the request of GEC.	04/06/10	4,575.43	3,897.30		286.40	369.73	8.52%	
	145						not issued yet								
060	146			SDS-Farrans	62/66	OHu	Diversion of Existing Sewer at Gogarburn Bridge - conflict with the 300 mm dia	07/07/10	36,292.29	26,776.73	4,804.20	2,031.49	2,677.67	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	4,432.47	1,674.30	2,302.72	7.28%	
	148						not issued yet								
267	149			5C	57	GAn	Carry out Scottish Water Diversion at Gogar Roundabout	07/05/10	83,295.35	61,745.00	10,805.55	4,569.20	6,174.60	7.41%	
053a	150			5C	54	Gan	TNC004: Utilities diversions & associated works - Water main diversion only	31/03/10	112,679.69	83,676.72	14,643.43	6,192.08	8,367.66	7.41%	
	151						not issued yet								
589	152						not concerning								
479	153			5A	58	GAn	Proposed sewer lining at Water of Leith Bridge	04/06/10	58,708.68	44,261.44	7,745.75	3,275.35	4,426.14		
	154						not issued yet								
448	155			SDS-SC	64/65/66		Change to street lighting at Haymarket Terrace	07/05/10	1,154.69	979.77		76.94	97.96	8.49%	
	156						not issued yet								
196	157			SDS-SC	64/65/66		Little King Street works required by GEC outside the Limits of Deviation	18/05/10	2,487.75	2,111.27		165.35	211.13	8.49%	
	158						not issued yet								
430	159			Graham	61	GAn	Additional white lining at Haymarket Station Car Park	26/05/10	3,390.65	2,913.75	509.91	215.62	291.38	7.41%	
088B	160			Farrans	62	OHu	Power Supply Ducts - Inglinton Park And ride Tram Stop	26/05/10	2,309.60	1,681.20	323.63	136.85	168.12	7.28%	
104	161.1	DRP		5A	58	GAn	FC Drawing Change Baird Drive RTW	26/05/10	915,462.16	666,323.72	128,267.32	54,238.75	66,632.38	7.28%	Settlement reached after DRP
146b	161.2			Graham	61	GAn	FC Drawing Change Russell Road RTWs Wall 3	26/05/10	370,000.00	269,306.35	51,841.47	21,921.54	26,930.64	7.28%	
115	162	DRP		5B	58	GAn	FC Drawing Change Carrickknowe Bridge	26/05/10	138,265.23	100,637.05	19,372.63	8,191.88	10,063.69	7.28%	Settlement reached after DRP
	163						not issued yet								
	164						not issued yet								
230	165	DRP		1A	31	Sky	FC Drawing Changes - Tower Bridge Structure	18/06/10	-260,973.48	-169,950.65	-36,565.54	-15,462.00	-18,995.09		Settlement reached after DRP
155B	166			Farrans	62	OHu	FC Drawing changes Gogarburn RTWs 14B & 15D	18/06/10	12,464.29	9,072.19	1,746.40	738.48	907.22		
111	167	DRP		Farrans	62	OHu	FC Drawing Change Gogarburn Bridge	21/06/10	176,195.40	129,466.13	23,727.37	10,033.29	12,948.61		Settlement reached after DRP
113	168			Graham	61	GAn	FC Drawing Change Russell Road Bridge	16/06/10	60,174.06	43,797.99	8,431.11	3,565.16	4,379.80		
n/a	n/a						Small Works Changes Approved		2,885.63	2,139.08	374.34	158.29	213.91	7.41%	
429		DRP		EOT2a	64/65/67		Issue of MUDFA Programme Revision 8	13/11/09	6,600,000.00		4,199,580.00	1,799,820.00	600,600.00	9.10%	
							Changes	TOTALS:	36,930,422.85	22,494,322.93	8,568,058.52	3,228,491.49	2,639,549.20	7.15%	

Sum=Total budget approved changed orders

34,290,872.95

	DPS				Thereof Defined Provisional Sums	181,489.03
	UPS				Thereof Undefined Provisional Sums	571,644.77
	PS				Provisional Sums	753,133.80
	DPS				Total Change order Value w/o PSSA & ProvSums SDS	21,585,461.80

2.08b Unapproved Changes

						Assessment		Status					Working Estimate														
INTC	TCO	DRP	Section	Activity	QS	Description	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Remarks		
						Instruction to proceed with Hilton Hotel Car Park																					
						Instruction to proceed with Russell Road Bridge																					
						Instruction to proceed with Haymarket Viaduct																					
						Instruction to proceed with Gogarburn Bridge																					
						Archaeological Dig currently ongoing in area Gogar Tramstop - Sect. 7																					
						Archaeological Dig currently ongoing in area Gogar Tramstop - Sect. 5 C																					
						Archaeological Dig at Gogar Tramstop causes damage to Tram Corridor																					
						No completion of 800 mm dia Water Main Diversion in Depot Area																					
						No completion of 250 mm dia Water Main Diversion in Depot Area																					
						No completion of 1500 mm dia Sewer Diversion in Depot Area																					
						South Gyle Access Bridge west abutment piled foundations	72,803.68	65,000.00	60,000.00	72,803.68																	
						Depot	250,000.00	225,000.00		44,748.93	205,253.97																
						Asbestos in existing Slag pits to Haymarket Station Carpark																					
						Instruction to proceed with Verity House Access Road IFC																					
						Instruction to proceed with demolition of Galloway House pre IFC																					
						Delay to Issue of Party Place (Batch 1/13) to CEC for Prior Approval																					
						Delay to IFC Submissions (Sect. 1 D) due to changed approval periods																					
						Delay to IFC Submissions (Sect. 1 B) due to changed approval periods																					
						CEC failure to approve within agreed timescales																					
						Network Rail failure to approve within agreed timescales																					
						New Requirements by Public Realm Design Workbook (SDS Letter 648)																					
						Delay and Disruption to Crew Road Gardens Bridge IFC																					
						Delay and Disruption to Roseburn Terrace Bridge, Tramstop, Ret. Walls																					
						Delay and Disruption to Roads detailed design as SDS Letter 01074																					
						Delay and Disruption to Roads detailed design as SDS Letter 01074																					
						Delay and Disruption to Groundwater Investigation																					
						Delay and Disruption to Roseburn Tramstop, Dykes Bridge																					
						Amendments to Ocean Terminal Layout	146,451.25	98,000.00	98,000.00	146,451.25																	
						Delay and Disruption due to amended design A2520 Balfour St Tram Stop																					
						Delay and Disruption due to amended design SDS 2500040																					
						Delay and Disruption due to amended design SDS 24720																					
						TNC 6 Bernard Street Public Realm Works	1,308,728.22			1,308,728.22																	
						TNC004 Utilities diversions & associated works - Water main diversion only	13,633.57			13,633.57																	
						TNC007 St Andrew Square Public Realm Works as CEC specification	71,469,688.57			11,407,688.57																	
						Delay & Disruption due to late approval CEC of SDS 27980																					
						Delay & Disruption by CEC due to late registering Section 1A Batch 1, 08																					
						Delay & Disruption due to late approval CEC of Section 1 D																					
						Notification from CEC with respect to road safety Auditors comments re Haymarket																					
						IFRACO to investigate proposals for re-use of RBS Bundled Material	99,878.75	55,981.00	55,981.18	99,878.75																	
						TNC209 - Ocean Terminal Revised Finishes	4,485.78			4,485.78																	
						Murrayfield Retaining Walls - Introduce Visual Pattern to Murrayfield RTW	3,243.16	2,750.00	2,500.00	3,243.16																	
						Revised specification (RBS) Gogarburn Tramstop Version 2	8,230.71			8,230.71																	
						Revised specification (RBS) Gogarburn Tramstop Version 2	28,700.00	48,000.00	48,000.00	28,700.00																	
						Murrayfield Tramstop - Provision of Secondary Staircase	32,648.35	28,000.00	28,000.00	32,648.35																	
						Edinburgh Park - Earthworks and Drainage IFC Drawings																					
						Gyle Stop Retaining Walls																					
						Barkhead Retaining Walls																					
						Footway to Balfour Street IFC Drawings (A568)																					
						Haymarket to Roseburn Junction - SW Consent Issue (A588)																					
						Sewer Diversion - Gogar Landfill	28,000.00	15,000.00	15,000.00	28,000.00																	
						Gogar Depot Public Tramstop proposals GRIP options 4B & 4C2	350,707.33			350,707.33																	
						Gogar additional tramstop revised scope	119,177.85			119,177.85																	
						Edinburgh Gateway Project	2,000,000.00	1,750,000.00	1,500,000.00	2,000,000.00																	
						Design only for alternative design of Edinburgh Airport	49,620.04			49,620.04																	
						Instruction from CEC to design alternative layout for Haymarket Junction	52,167.88			52,167.88																	
						Gogarburn Retaining Wall CEC request to change to finish of the wall	4,998.99	4,500.00	4,500.00	4,998.99																	
						Environmentally Friendly Lighting - CEC have requested using 42 pit lamp	11,009.77	10,000.00	8,000.00	11,009.77																	
						MULFA to INFRACO transfer of Utilities Diversion Section 1A, 1B, 1C and 1D	9,988,838.98	9,988,838.98	2,500,000.00	9,988,838.98																	
						Power Connections Phase 1a	250,000.00			250,000.00																	
						Balfour Street Crossing	9,241.73	9,000.00	8,000.00	9,241.73																	
						Design the Russell Road retaining wall																					

2.08b Unapproved Changes

NTC	TCO	DRP	Section	Activity	QS	Description	Assessment			Status				Working Estimate					Remarks
							Minimum	Maximum	Weighted	in principle agreed but not approved	not agreed	Value	Builder performance, design & estimate	Other Provisions 17.5%	Contingent Fee 7.4%	OH&P Margin	Margin (%)		
			SCS-BSC			Unsay Road/Ocean Drive/Coban Terminal/Tower Place Planning Permission	46,827.46			46,827.46			47,837.40						
			SCS			Hilton Hotel/Full Planning	10,975.73			10,975.73			10,975.73						
			SCS			Shandwick Place DED preferential Treatments	335,213.73			335,213.73			278,759.56						
			SCS			Balgreen Road Bridge Amending Technical Design	3,893.00	2,750.00	2,500.00	3,893.00			2,893.91	2,750.00	2,342.42				
			SCS			Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5													
			SCS			Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5													
			SCS			Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5													
			SCS			IFC Drawing Changes - A8 Underpass													
			SCS			IFC Drawing Change Murrayfield Stadium RTW	549,443.21			549,443.21			549,443.21						
			SCS			IFC Drawing Change Barkhead RTW	718,758.00			718,758.00			718,758.00						
			SCS			IFC Drawing Change Gyle Stop RTW	57,751.77			57,751.77			57,751.77						
			SCS			IFC Drawing Change Murrayfield Underpass	129,985.13	18,888.00	18,888.00	129,985.13			129,985.13						
			SCS			IFC Drawing Change South Gyle Access Bridge	474,483.13	12,851.15	12,851.15	474,483.13			461,831.98						
			SCS			IFC Drawing Change Rossum Viaduct	20,000.00	10,000.00	10,000.00	20,000.00			20,000.00						
			SCS			IFC Drawings Water of Leith Bridge	172,986.24	37,338.90	37,338.90	172,986.24			135,647.34						
			SCS			Extra Demolition required at Russett Road Retaining wall	12,500.00	12,500.00	12,500.00	12,500.00			12,500.00						
			SCS			IFC Drawings Demolition/reinforcing existing building for Leith Walk Sub													
			SCS			Urban Traffic Control (UTC) associated with delivery of the alignment	1,362,888.35	75,000.00	75,000.00	1,362,888.35			1,362,888.35						Instruction of ProvSum - Current Value Just concerning Siemens
			SCS			Delay in receipt of CEC prior approval Sections 1A1 & 1A2													
			SCS			Final Pole Agreement and Design Completion	55,841.80	40,000.00	40,000.00	55,841.80			55,841.80	34,071.55					
			SCS			Requirement for Contractors License for Network Rail Related Works	1,136,898.35			1,136,898.35			1,136,898.35						
			SCS			Split Packages for Prior Approvals Coban Terminal to Port of Leith	5,733.82			5,733.82			5,733.82						
			SCS			CEC's Request for Extension of Time for Prior Approvals 1:01a, 1:01b, 1:01c													
			SCS			Delay to issue of IFC Drawings for Ingliston Park and Ride Tram Stop													
			SCS			Delay to Section 1B due to MUDFA not having completed its works													
			SCS			Lighting Columns required to be relocated at A8 Underpass													
			SCS			Balgreen Road - Demolition of Railway Structure													
			SCS			Design the piled foundation to the Water of Leith Bridge	32,514.52	27,500.00	27,500.00	32,514.52			32,514.52	30,000.00	25,553.88				1,880.64
			SCS			Delay to issue of IFC Drawings for													
			SCS			CEC's intent to adopt private roads between Lochside Crescent and Avenue	40,080.40	30,000.00	25,000.00	40,080.40			30,000.00	25,553.88					1,880.64
			SCS			Additional work arising from CEC's additional comments on Section 5C	18,248.31			18,248.31			18,248.31						2,555.31
			SCS			IFC Drawings Change Murrayfield Training Pitches	454,039.00	400,000.00	350,000.00	454,039.00			454,039.00						8,52%
			SCS			IFC Drawing Change Balgreen Road Underbridge	52,918.34	47,500.00	47,500.00	52,918.34			52,918.34						
			SCS			Removal and deposition of material from previous works section 7	36,481.72	26,481.72	26,481.72	36,481.72			36,481.72						
			SCS			IFC Drawing changes Vertical & horizontal Alignment Section 5 - Sheets 1 to 28	36,481.72	26,481.72	26,481.72	36,481.72			36,481.72						
			SCS			IFC Drawing changes Soft Landscaping Section 5 sheets 1 to 28	175,000.00	175,000.00	175,000.00	175,000.00			175,000.00						
			SCS			IFC Drawing changes OLE Section 5 sheets 1 to 13	156,126.10	156,126.10	156,126.10	156,126.10			156,126.10						
			SCS			IFC Drawing changes Gogarthburn RTWs 14b, 14c, 14d, 15D	992,986.73	992,986.73	992,986.73	992,986.73			992,986.73						
			SCS			IFC Drawing changes Stops Edinburgh Park Saughton and South Gyle	10,000.00	7,500.00	5,000.00	10,000.00			10,000.00						
			SCS			Provisional Sum - Provide Crew Relief Facilities at Haymarket Station Viaduct	103,562.00	115,000.00	103,562.00	103,562.00			103,562.00						
			SCS			IFC Drawing changes - Edinburgh Park Bridge	282,887.76	282,887.76	282,887.76	282,887.76			282,887.76						
			SCS			Haymarket Taxi Stands	28,681.54	25,000.00	21,294.72	28,681.54			28,681.54	25,000.00	21,294.72				8,52%
			SCS			Delayed Listed Building Consent Applications													
			SCS			Delayed Issued of IFCs for Section 1A4													
			SCS			Further Charges to Wanderers Clubhouse Building at Murrayfield	12,775.03	8,000.00	8,000.00	12,775.03			12,775.03						
			SCS			Further Changes to Wanderers Clubhouse Building at Murrayfield - radiators	2,409.52	1,000.00	1,000.00	2,409.52			2,409.52						
			SCS			Demolition and alteration of existing building at Cathedral Lane	43,290.08	40,000.00	35,000.00	43,290.08			43,290.08	40,000.00	34,071.55				8,52%
			SCS			Traffic Modelling - Pedestrian Crossing Timings Standard													
			SCS			Mandatory to Change - No instruction issued by the at trigger date													
			SCS			Further Changes to Murrayfield Gatehouse Works	15,000.00	15,000.00	15,000.00	15,000.00			15,000.00						
			SCS			CEC's requirement for a road closure at Roseburn Terrace	176,849.90			176,849.90			176,849.90						
			SCS			Edinburgh Airport Tramstop Kiosk	14,468.42	11,000.00	13,820.75	14,468.42			14,468.42	12,000.00	9,800.00				8,52%
			SCS			Contaminated Material at Carnickwe													
			SCS			Discovery of Low Voltage Cable in Road Formation	12,148.20	10,000.00	10,000.00	12,148.20			12,148.20	10,000.00	8,517.86				8,52%
			SCS			Cycle path near Gyle tramstop	1,750.51	1,750.51	1,750.51	1,750.51			1,750.51						
			SCS			Gogar Roundabout Lighting - Design Only Estimate	218,848.80	218,848.80	218,848.80	218,848.80			218,848.80						
			SCS			IFC Drawing changes - Balgreen bridges 2 & d 2a	10,000.00	10,000.00	10,000.00	10,000.00			10,000.00						
			SCS			IFC Drawing changes - Saughton Bridge	301,489.00	301,489.00	301,489.00	301,489.00			301,489.00						
			SCS			IFC Drawing changes - Depot Access Bridge	1,819,180.29	1,819,180.29	1,819,180.29	1,819,180.29			1,819,180.29	-4,927,782.00	8,748,913.19				
			SCS			IFC Drawing changes - Depot Access Bridge	-3,000,000.00	-3,000,000.00	-3,000,000.00	-3,000,000.00			-3,000,000.00	-1,515,000.00	1,515,000.00				
			SCS			Hard Landscaping	196,717.16	150,000.00	150,000.00	196,717.16			196,717.16						

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	QS	Description	Assessment			Status			Working Estimate					Remarks		
							Minimum	Maximum	Estimate	In principle agreed but not approved	Not agreed	Value	Budget for performance, design & estimate	Other Prelims 17.5%	Contingent Fee 7.4%	OH&P Margin	Margin (%)			
			Depot			Soil Nailing and Soil Reinforcement Works	458,788.50	458,788.50	458,788.50											
			Depot	Oru		Drainage - BDD to IFC Change	141,579.73	141,579.73	141,579.73				115,000.00	85,197.00	6,328.42	6,518.71	7.41%			
			Depot	Oru		Drainage - BDD to IFC Change - Attenuation Tank	230,623.84	230,623.84	230,623.84				200,000.00	148,851.82	27,032.11	11,430.73	14,885.32	7.41%		
			Depot			Cast in situ piles not shown on BDD														
			Depot			Piling to OLE Poles - IFC Drawings														
			Depot	Oru		Increase on Number of OLE Bases - BDD to IFC	69,245.16	69,245.16	69,245.16											
			Depot			IFC Issue drawings for reinforcement top walls		5,000.00	5,000.00		10,000.00									
			Depot	Oru		IFC Issue drawings for edge beam reinforcement changes	10,000.00	7,500.00	5,000.00											
			Depot			IFC Issue drawings for introduction of waterproof coatings	76,076.27		76,076.27											
			Depot			IFC Issue drawings for installation of incoming gas main	97,473.15		97,473.15											
			Depot			IFC to IFC changes - attenuation tank														
			Depot			IFC Issue drawings for earthing and bonding	78,858.53		78,858.53											
			Depot			IFC Issue drawings for Siemens additional containment		3,000.00	3,000.00											
			Depot	Oru		IFC Drawing Change - revised specification for Kaba Doors	152,505.19	125,000.00	100,000.00				125,000.00	92,881.23	6,858.93	9,288.14	7.41%			
			203 t			IFC drawing change to the substation slab	5,000.00	5,000.00	5,000.00											
			Depot	Oru		IFC Issue drawings for Smoke Vents	19,024.85		19,024.85											
			Depot			IFC Drawing Change to Drainage Revision 8 - IFC to IFC	added to 203h1													
			Depot			IFC Drawing Change to blockwork reinforcement		2,000.00	2,000.00											
			Depot			Wind Post Changes - BDD to IFC	23,429.83		23,429.83											
			203z			Change to structural steel support to sliding screens in offices	6,949.70		6,949.70											
			Depot			IFC Drawing Changes - Roads, Streetlighting, Drainage Section 5B	5,957.00	5,957.00	5,957.00											
			Depot			IFC Drawing changes - Roads, Streetlighting, Drainage Section 5C	578,005.08		578,005.08											
			Depot			IFC Drawing Changes - Bankhead Tramstop	2,000.00	2,000.00	2,000.00											
			203a	2140	Sky	Leith Walk Christmas Embargo	250,037.69	150,000.00	125,855.58	250,037.69		125,855.58	124,382.10	150,000.00	111,193.48	8,228.32	11,119.35	7.41%		
			Depot			IFC Drawing changes - McDonald Road and Balfour Street Tram Stops														
			203	1g	Sky	IFC Drawing changes - Road, Lighting, Landscaping and Drainage Sect. 1B	1,622,401.56	1,250,000.00	1,000,000.00	1,622,401.56										
			Depot			IFC Drawing changes - Haymarket Tram Stop	2,000.00	2,000.00	2,000.00											
			Depot			IFC Drawing changes - Roads, Street Lighting, Landscaping and Drainage	408,024.78		408,024.78											
			Depot			IFC Drawing changes - Haymarket Station Substation	15,646.13	10,000.00	10,000.00											
			Depot		Sky	Demolition and alteration of existing Bus Depot at Leith Walk	251,678.92	200,000.00	175,000.00	251,678.92										
			Depot		Sky	Discovery of Thuds above formation level and fouling kerbline - 250 R/H S		500.00	500.00											
			Depot		Sky	Discovery of Hydrant above formation level - Change 17 R/H S														
			Depot		Sky	Discovery of valves and a hydrant fouling kerbline - 120 R/H S	109.85		109.85											
			Depot			Operational Design Review of Depot - changes arising	31,070.62		31,070.62											partly approved (see 2.08a), figure there concerning not approved portion
			Depot			Operational Design Review of Haymarket - changes arising														
			Depot			Re-allocation of bus stop on WLOD at Princes Mall	1,181.26	1,181.26	1,181.26											
			Depot			IFC Drawing Changes - Section 1C drainage	600,000.00		600,000.00											
			Depot			IFC Drawing Changes - Section 1C road design	10,000.00		10,000.00											
			Depot			IFC Drawing Changes - Section 1C lighting layout	10,000.00		10,000.00											
			Depot			Options for drainage outfall content at the Airport	3,000.00	2,000.00	2,000.00		3,000.00									
			Depot		Sky	Removal of BR emplacement of BT Phone Box	8,267.46		8,267.46											
			Depot	Delay Only		MUDFA has commenced works on Bankhead Dr preventing Intrao progress														
			Depot	Delay Only		Building Fiving Owner Agreements - Info required due to Court Proceedings	17,193.23	17,193.23	17,193.23				17,193.23	14,945.00	1,083.73	1,484.50	6.52%			
			Depot	Delay Only		Notified Departure due to the issue of SDS Design programme V36														
			Depot	Delay Only		Notified Departure due to the issue of SDS Design programme V37														
			Depot	Delay Only		Notified Departure due to the issue of SDS Design programme V38														
			Depot	Delay Only		Notified Departure due to the issue of SDS Design programme V39														
			Depot		Sky	Leith Walk Change 100,350 add. work carried out during "embargo" period	68,032.40	68,032.40	68,032.40				30,000.00	22,238.70	3,991.77	1,645.66	2,223.81	7.41%		
			Depot			IFC Drawing Changes - Section 1C OLE Layout	4,500.00	4,500.00	4,500.00											
			Depot			IFC Drawing Changes - Section 1C Track Horizontal Alignment	2,500.00	2,500.00	2,500.00											
			Depot			IFC Drawing Changes - Section 1C Track Vertical Alignment	4,200.00	4,200.00	4,200.00											
			Depot			Removal of two sets of manholes from central reservation on Princes Street	-3,000.00	-3,000.00	-3,000.00											
			Depot			Future Proofing on behalf of New England Ltd and Highland Properties Ltd	48,041.64		48,041.64											
			Depot			Future Proofing on behalf of New England Ltd and Highland Properties Ltd	1,186,759.97	1,186,759.97	1,186,759.97											
			Depot		Sky	IFC Drawing Changes - Section 1B - Balfour Street Tram Stop	7,500.00	7,500.00	7,500.00				2,500.00							
			Depot			IFC Drawing Changes - Section 5B - Track Drainage	994,218.93	994,218.93	994,218.93											
			203b			IFC Drawing Changes - Section 5B - Track Drainage	315,161.64	250,000.00	200,000.00											
			Depot		Sky	IFC Drawing Changes - Section 1A - Victoria Dock Bridge	20,000.00	20,000.00	20,000.00											
			Depot		Sky	IFC Drawing Changes - Earthworks General Arrangement - Section 1														
			203a			IFC drawings and specifications lowering Lindsay Road	2,084,785.64	1,500,000.00	511,379.48	2,084,785.64			511,379.48	1,573,405.16						
			203d		Sky	IFC drawings and specifications for work in Ch. 10000 to 1 00000 Section 1A4	1,534,570.60		1,534,570.60											
			Depot			Accommodation Works Section 2A Access Retaining Wall	72,481.89	22,171.26	22,171.26											

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	QS	Description	Assessment				Status		Working Estimate					Remarks	
							Minimum	Maximum	Minimum	Maximum	Approved	Not Approved	Value	Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4%	OH&P/Margin		Margin %
			SDS			RBS Trams - Estimate diversion LV Power and Water crossing from tracks	17,353.36	12,500.00	10,000.00	17,353.36		17,353.36	12,500.00	10,122.65	771.88	1,012.98			
			SDS			EAL Tramstop - BAA Interface	4,632.25	4,632.25	4,632.25	4,632.25		4,632.25	6,823.28	6,000.00	5,110.71	378.19			
			SDS			Airport Tramstop Canopy etc in options	48,332.11	48,332.11	47,500.00	48,332.11		48,332.11	49,982.00	49,982.00	42,574.10	3,150.48	4,257.42	8.52%	
			PL			Wider Area Modelling Proposals	25,000.00	20,000.00	15,000.00		25,000.00								
			SDS			Revised proposals for Cabbage Lane Sub-station	176,176.11			176,176.11		176,176.11			139,808.75				
			SDS			Edinburgh Park Bridge (S27) - Pier3 Base Formation	10,819.41	8,800.00	8,810.41	10,875.77		10,875.77			8,882.64	1,885.00			
			Delay Only			Notified Departure due to the issue of SDS Design programme V40													
			SDS-BSC	66/65/64		Fort Pons Traffic Signal - Section 1A4 - Widened Crossing required	8,971.68	8,971.68	7,500.00	8,971.68		8,971.68	8,500.00	7,240.20	535.78	724.02	8.52%		
			SDS-BSC	66/65/64		Cycleway change at Hawthornvale - Section 1A4	6,717.28	6,717.28	4,000.00	6,717.28		6,717.28	5,000.00	4,265.08	319.40	425.51			
			SDS-BSC	66/65/64		Additional Ramp / Steps at Lindsay Road Retaining Wall - Section 1A4	1,819.23	1,819.23	1,819.23	1,819.23		1,819.23	1,819.23	1,541.68	123.40		6.47%		
			SKY			Network Rail requirements for CAT3 checking	250,000.00					250,000.00							
			SKY			Develop diversionary route from Princes Street to George Street Queen Street	147,907.57	120,256.94	120,256.94	147,907.57		147,907.57	120,256.94	89,145.25	15,800.42	8,596.74	8,994.52	7.41%	
			SDS-1C			Protection of live utilities at Russell Road Bridge during construction	5,626.24			5,626.24		5,626.24							
			SDS-1C			Provisional Surface for Extra Crossover/Shell Grip at Juncions	166,739.98	166,739.98	593,740.79	744,738.98		744,738.98			744,738.98		partly approved (see 2.08a) figures here concerning not approved portion		
			SDS-1C			Drawlay Tunnel - insufficient ground cover	20,000.00	20,000.00	20,000.00	23,672.54		23,672.54	20,000.00	17,035.78	1,280.85	1,703.58	8.52%		
			SDS			Underground structure Leth Walk railway Tunnel - insufficient ground cover	10,000.00	7,500.00	5,000.00		10,000.00								
			SDS	65/62		Gogar Landfill Scottish Water Utility Diversion	23,194.68	23,194.68	19,360.00	23,194.68		23,194.68	18,945.52	20,000.00	16,647.28	1,231.90	1,286.14	8.52%	
			SKY			IFC Drawing Changes - Section 1A - Drainage	5,000.00			5,000.00		5,000.00							
			SKY			IFC Drawing Changes - Leth Walk	5,000.00			5,000.00		5,000.00							
			SDS			IFC Drawing Changes - Section 7 Soft Landscaping	643,050.94	500,000.00	400,000.00		643,050.94								
			SDS			IFC Drawing Changes - Sect 7 Track Vertical and Horizontal Alignment	345,593.30			345,593.30		345,593.30							
			SDS	111	SDS	IFC Drawing Changes - Drainage - Gogar/London Airport	1,017,643.70	900,000.00	552,845.13	1,017,643.70		1,017,643.70	552,845.13	900,000.00	667,180.86	118,753.11	49,369.90	66,716.05	7.41%
			SSM			Princes Street IFC Drawing Changes	100,000.00	75,000.00	50,000.00		100,000.00				88,164.96		issued via our VDU - referred to Dispute Resolution Procedure		
			316b			Section 1D - IFC drawing changes - drainage - plate 24 only	20,753.08			20,753.08		20,753.08			20,753.08				
			SDS			Earthworks Quantity valuations for IFC Trackwork Drawings and MX Data													
			SDS			Shandwick Place TRO Signage	8,895.88	8,895.88	1,800.00	8,895.88		8,895.88	8,000.00	6,814.31	504.26	691.41			
			SDS			Proposed GED changes to demarcation requirements	30,814.78	25,000.00	20,000.00	30,814.78		30,814.78			30,814.78				
			SDS			Rev Alignment Priority Place, York Place London Road Juncions - stage 1 & 2	58,872.90	58,872.90	58,872.90	58,872.90		58,872.90	58,872.90	50,147.21	3,710.90	5,014.73	8.52%		
			SDS			Rev Alignment Priority Place, York Place, London Road Juncions - Stage 3 & 4	239,418.44	191,127.10	141,127.10		239,418.44								
			SDS			Ganok Knowe Underbridge Obstructions	3,944.74			3,944.74		3,944.74							
			SDS			AB Underpass Phase 1 Pile Test Levels	34,319.39			34,319.39		34,319.39							
			SKY			Expose existing gully connections at Charge 272-328 PHS	3,704.66			3,704.66		3,704.66							
			SKY			Break out foamed concrete backfill	7,325.78			7,325.78		7,325.78							
			Delay Only			Partial Handover Of Depot Site													
			SDS			IFC Drawing Changes - Track Drainage Section 5C	338,890.73	338,890.73	311,860.00	338,890.73		338,890.73	111,189.30	225,691.43					
			SKY			Remove ornamental iron balls from Gogarhill Depot	149.27	149.27	149.27	149.27		149.27							
			Delay Only			Princes Street - Reinforced Concrete slab above Track Box													
			GAN			Transfer of private utility diversions from MUDFA at Edinburgh Park	1,000.00	1,000.00	1,000.00	1,000.00		1,000.00				to be carried out by others - assessment only for abortive costs			
			SDS			Street Lighting - Height of poles	2,494.75	3,100.00	1,800.00		2,494.75		2,100.00	1,788.76	132.31	178.88	8.52%		
			SDS			Edinburgh Park Stage Structural Fill	106,526.88			106,526.88		106,526.88							
			SKY			Sign 1D - Additional Signs on Queen Street	265.56			265.56		265.56							
			SSM			Additional Measures at George Street	4,815.93	4,815.93	3,500.00	4,815.93		4,815.93			4,815.93				
			SSM			Provide Core signs and double yellow lines on George Street	3,082.23			3,082.23		3,082.23			3,082.23				
			SSM			Additional Signage at George Street/Andrews Square	2,554.31			2,554.31		2,554.31			2,554.31				
			SSM			Replace MASS barriers at George Street, Haulcr Street and Frederick Street	1,579.01			1,579.01		1,579.01			1,579.01				
			SSM			Trail Hoist in Prince Street - Site Investigation	250,000.00	250,000.00	200,000.00		250,000.00		250,000.00	190,000.00	14,086.00	12,691.00	5.08%		
			Delay Only			Incomplete MUDFA Works at the Princes Street/Mound Junction													
			SSM			Holywell Junction - Underground Chamber at Cliff on Terrace	92,836.17	92,836.17	92,836.17	92,836.17		92,836.17			92,836.17				
			SSM			Traffic Management - Provide Wider Area Signage to Princes Street	11,899.67			11,899.67		11,899.67			11,899.67				
			GHV			Gogarburn Bridge East Abutment - excess ground water	3,883.54			3,883.54		3,883.54			3,883.54				
			GAN			Demolish Structures on Plots nos 87 and 102 near Roseburn Street	25,000.00			25,000.00		25,000.00			16,482.85				
			GHV			Transfer MUDFA Utility Diversion Sect. 5C Conflict Schedule SC BT/D/05	838.33			838.33		838.33			838.33				
			GHV			Transfer MUDFA Utility Diversion Sect. 5C Conflict Schedule SC TE/D/05	1,678.71			1,678.71		1,678.71			1,678.71				
			SDS			Gogar Landfill Area - Silt charging and monitoring of surcharge	27,594.16	27,594.16	27,594.16	27,594.16		27,594.16	82,594.16	375,405.20	182,196.13	14,735.86	18,219.61	7.29%	
			GHV			Gogar Landfill Area - Soil Nailing and Reinforced Earth	524,034.28			524,034.28		524,034.28			524,034.28				
			GHV			Gogar Landfill Area - trackton Charge	85,867.00		-75,000.00	85,867.00		85,867.00			85,867.00				
			SDS			Revised OLE foundation and layout to Section 1	73,526.45	85,000.00	80,000.00	73,526.45		73,526.45	85,000.00	55,366.21	4,097.10	5,536.63	8.52%		
			SDS			Redesign of OLE piles foundations due to increased loadings - Line Part 1	85,723.13	85,000.00	85,000.00	85,723.13		85,723.13	75,000.00	63,884.18	4,727.43	8,393.42			
			SDS			Redesign of OLE piles foundations due to increased loadings - Line Part 2	135,827.23			135,827.23		135,827.23			135,827.23				
			SDS			Amend OLE system design documents	7,843.91	7,843.91	7,000.00		7,843.91		7,500.00	6,398.42	472.71				
			SDS			Amend site wide OLE Building footprint and layout drawings	7,349.24	7,250.00	7,000.00	7,349.24		7,349.24	7,250.00	6,159.81	456.99	617.55	8.52%		
			SDS			Combined OLE/Pole Lighting poles	55,485.55	50,000.00	50,000.00		55,485.55		52,500.00	48,778.00	3,309.20	4,471.89			

2.08b Unapproved Changes

NTRC	TCO	DRP	Section	Activity	QS	Description	Assessment				Status				Working Estimate						Remarks		
							Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Value	Value	Value	Value	Value	Value			
							1	2	3	4	5	6	7	8	9	10	11	12	13	14		15	
			SDS			Amend CHLE ratings at Depot Access Bridge	23,512.87	22,500.00	21,000.00	23,512.87					22,500.00	19,185.25			1,418.23	1,916.52	8.8%		
			10-ID		SSM	Section 10-ID - Charlotte Square West End On Parking	2,954.31			2,954.31													
			10-ID		SSM	Section 10-ID - Sub Station at Princes Road	3,398.08			3,398.08													
			10-ID		SSM	Section 10-ID - Station Stairs at George Street and Frederick Street	60.26			60.26													
			10-ID		SSM	Section 10-ID - Additional Traffic Management at Princes Street	1,000.00	500.00	500.00	1,000.00													
			10-ID		SSM	Section 10-ID - Prediction of As Built Drawing for Princes Street Diversion	1,000.00			1,000.00													
				Delay Only		Notified Departure due to the issue of SDS Design programme V41																	
				Delay Only		Notified Departure due to the issue of SDS Design programme V42																	
				Delay Only		Notified Departure due to the issue of SDS Design programme V43																	
						IFC Changes - Series 600 Earthworks Specification	100,000.00	75,000.00	50,000.00	100,000.00													
						IFC Changes - Series 1700 Structural Concrete Specification	100,000.00	75,000.00	50,000.00	100,000.00													
						Cycle provision at Haymarket Steps	1,500.00	500.00	500.00	1,500.00				750.00	636.26			50.00	83.64	4.4%			
						Section SB - Drainage Ditches	5,573.88			5,573.88													
						Additional Retaining Wall at Towerbridge Pumping Station	6,756.54			6,756.54													
						Gogar Depot Earthworks - Northern Boundary Drainage Design	10,000.00	7,500.00	5,000.00	10,000.00				7,500.00	6,388.42			472.71	638.84	6.5%			
						IFC Changes - Ductwork Specification	200,000.00	225,000.00	200,000.00	200,000.00													
					CHU	IFC Drawing Changes - Trackform	80,000.00	80,000.00	80,000.00	80,000.00													
						Depot Floor - Prior to a manual bogie turntable	8,914.16	8,914.16	8,914.16	8,914.16				8,914.16	7,593.04			581.86	759.30	8.5%			
						Sample soil nailing to embankments between Russell Road & Water of Leith	44,085.77			44,085.77												partly approved (see 2.08a) figures here concerning not approved portion	
						Depot Pumping Station, manholes and risers	43,011.25			43,011.25													
						BAA Ducting Future Proofing (Eafield Avenue) (Design Only)	3,376.70	3,376.70	3,376.70	3,376.70				3,376.70	2,865.18			225.00	388.14	6.4%			
						Leith Walk Gyration System	4,000.00			4,000.00													
						Remove Soft Material from Sub Grade of Depot Access Road	36,804.03	20,000.00	20,000.00	36,804.03				25,000.00	18,196.38			3,502.81	1,481.16	1,819.64	7.2%		
						Revised IFC HRL Dwg Sect 7 - Road Scheme Layout	25,000.00			25,000.00													
						Revised IFC HRL Dwg Sect 7 - Gogar Farm Road Layout	25,000.00			25,000.00													
						Revised IFC HRL Dwg Sect 7 - Ingliston P.R. Tram Stop access and car park	25,000.00			25,000.00													
						Revised IFC HRL Dwg Sect 7 - Junction 10 traffic signals (add dual works)	25,000.00			25,000.00													
						Revised IFC HRL Dwg Sect 7 - Glasgow Road footway realignment	25,000.00			25,000.00													
						Issue 1 MUDFA Programme Revision 8																	
						Traffic management at Verby House Access Road	10,641.52	7,500.00	6,000.00	10,641.52				10,641.52									
						Traffic Management at MUDFA Works	6,884.35	5,000.00	4,000.00	6,884.35				6,884.35									
						Utilities conflicts with 1:2 metre clearance zone	20,000.00			20,000.00													
						Track Drainage - Section 5A	75,000.00			75,000.00													
						Notified Departure due to the issue of SDS Design programme V44																	
						Notified Departure due to the issue of SDS Design programme V45																	
						Notified Departure due to the issue of SDS Design programme V46																	
						Revised OLE location due to Scottish Power - Princes Street origin 121395	3,000.00	1,500.00	1,500.00	3,000.00													
						Reinstatement of Bus Lark	5,000.00	3,000.00	3,000.00	5,000.00				4,167.34									
						BAA New Burnside Road Alignment	8,500.00	8,500.00	8,500.00	8,500.00				8,500.00	5,536.62							CO Value not issued - to be added to Demonstrable Cost Base	
						Stage D Drawings for Tram Stops	55,721.56			55,721.56													
						SB Drawings for Guided Busway (L)																	
						Alteration of traffic management at Lothian Road Junction	1,742.38			1,742.38													
						Re-use of existing arbs	10,000.00			10,000.00													
						TRD changes - Informal consultation	80,000.00			80,000.00													
						TRD changes - Informal consultation - Impact on IFC Drawing issue dates	187,901.75			187,901.75													
						Forti Parts Substation - redesign	14,343.35	14,343.35	14,343.35	14,343.35				14,343.35	13,837.86			904.10	1,221.73	8.5%			
						Forti Parts Substation - redesign	15,856.65			15,856.65				15,856.65									
						Forti Parts drainage approval	12,000.00			12,000.00				12,000.00	10,221.48			758.39	1,022.15	8.5%			
						Gogar Station Retaining Walls W14 and W15 - Survey and bulb migration	50,000.00			50,000.00													
						Redesign of Drainage at BAA/CCRC interface	3,829.00	3,829.00	3,000.00	3,829.00				3,829.00	3,261.50			241.35	326.15	8.5%			
						Redesign of Drainage at BAA/CCRC interface	171.00			171.00													
						BAA Drainage at Depot	10,000.00			10,000.00													
						Utility Diversion associated with Lindsay Road	1,000.00			1,000.00													
						Accommodation Works - Relocate Access steps at B3 Ocean Drive	224,280.97			224,280.97													
						IFC Drawing changes - Section SB - Ducting and Cable Routes	224,280.97			224,280.97													
						Tram Stops Development Workshop	137,091.50			137,091.50													
						Sub Station Development Workshop - changes arising	145,043.50	80,000.00	80,000.00	145,043.50				100,000.00	85,178.89			6,303.21	8,517.89	8.5%			
						Reselect Closure of CEC Roads TAA Sign Off	2,000.00			2,000.00													
						Tower Place Bespoke Parapet	15,000.00			15,000.00													
						Changes to sub-stations arising from development workshops	15,000.00			15,000.00													

2.08b Unapproved Changes

NTC	TCO	DRP	Section	Activity	QS	Description	Assessment				Status		Working Estimate					Remarks		
							Minimum	Maximum	Minimum	Maximum	in principle agreed but not approved	not agreed	Budget	Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4%	OH&P/Margin		Margin %	
							1	2	3	4	5	6	7	8	9	10	11		12	
						Curvet 1 - Excavation below main level	20,000.00	20,000.00	15,000.00											
					SKY	Marking of street operational track cross over	25,000.00		15,000.00			25,000.00								
						Cogar Depot South embankment reinstatement and associated drainage works	50,000.00	40,000.00												
						Development workshop for drainage - changes arising	46,179.29	40,000.00	30,000.00	46,179.29			46,179.29	40,000.00	34,071.55	2,521.29	3,407.16	8.52%		
						Piling obstructions encountered at guided busway	50,199.24		10,199.24											
				40/21	SKY	Testing to carriageway at Leith Walk	50,199.24	40,000.00	30,869.84	50,199.24			30,869.84	23,529.30	40,000.00	29,851.59	2,194.23	2,985.16	7.41%	
					SKY	Diversion of cables at Tower Place bridge	10,000.00		5,000.00			10,000.00								
						IFC drawing changes - Haymarket Car Park	145,331.73		40,000.00	145,331.73			40,000.00		105,331.73					
						BDD Design issued for Construction Drawings-Murrayfield Stadium Tram Stop	78,000.00	60,000.00					3,825.01		128,985.9					
						IFC drawing changes - Section 5A - Ducting and Cable Routes	87,289.11			87,289.11					87,289.11					
						IFC drawing changes - Section 5C - Ducting and Cable Routes	319,493.26			319,493.26					319,493.26					
					SKY	IFC drawing changes - Section 1A - Ducting and Cable Routes	100,000.00			100,000.00					100,000.00					
						IFC issue drawings for Bus Lane and Tram only zones - Systemwide	732,253.05	600,000.00	500,000.00	732,253.05			732,253.05							
						Frederick Street pedestrian crossing	17,787.88	10,000.00	10,000.00	17,787.88			17,787.88	15,000.00	12,778.63	945.48	1,277.68	8.52%		
						Polarity Place - redesign north side to incorporate a fourth lane eastbound	33,395.60		20,000.00	33,395.60			33,395.60	25,000.00	21,294.72	1,575.81	1,703.58	8.52%		
						RBS Transop - Provide Future Proofing	8,509.15	8,509.15	8,509.15	8,509.15			8,509.15	8,509.15	7,248.00	588.35	724.80	8.52%		
					CHU	RBS Transop - Provide Future Proofing	20,000.00			20,000.00										
						Additional Lighting Columns at Carmel Knowe Bridge	337.87			337.87										
						Removal of obstructions at Russell Road Retaining Wall	25,911.16	20,000.00	10,000.00	25,911.16			25,911.16	20,000.00	27,454.42	4,443.26	2,031.62	3,705.84	7.41%	
					CHU	Additional footway across Depot Access Bridge	70,000.00		70,000.00			70,000.00								
						IFC Drawing changes - Section 7 - Ducting and Cable Routes	100,000.00	80,000.00	70,000.00	100,000.00			100,000.00							
						Russell Road Retaining Wall 4 - piling obstructions - alternative design required	216,878.94			216,878.94					216,878.94					
					Delay Only	Reconstruct existing Scottish Water manhole in South St. Davids Street														
						IFC changes to Road Restraint Systems Specification	30,000.00	40,000.00	30,000.00	30,000.00										
						IFC changes to Road Markings and Signs Specification	50,000.00	40,000.00	40,000.00	50,000.00										
139						Scottish Power Utility Diversion SASP (D.O.S) at Russell Road Retaining Wall	5,437.16			5,437.16					5,437.16				partly approved (see 2.08a) figures here concerning not approved portion	
						Reducts to St Andrew Square														
					1C/1D	Traffic Management to accommodate reconstruction of buses on Princes Street														
					SKY	Disaster Recovery Centre														
					SKY	Leith Walk railway bridge - special trackform	20,000.00	10,000.00	10,000.00	20,000.00			20,000.00							
						ASLU overpass - support and direct BFE equipment	90,949.11			90,949.11										
					Delay Only	Leith Walk BT apparatus diversion delaying reconstruction of bridge works														
						Development workshop for earth retaining - changes arising	50,000.00	40,000.00	30,000.00	50,000.00			50,000.00							
					SKY	Changes to Traffic Management at Grosvenor Street	58,678.52	50,000.00	50,000.00	58,678.52			58,678.52							
						IFC Drawing Changes - Roads, Streetlighting, Drainage Section 5A	250,000.00	300,000.00	250,000.00	250,000.00			250,000.00							
						Cogar Landfill Profile Design	23,097.86	23,097.86	23,097.86	23,097.86			23,097.86		19,874.50		1,882.45	8.52%		
					Delay Only	Cogar Landfill Profile Design	28,902.14	18,000.00	18,000.00	28,902.14										
					Delay Only	Notified Departure due to the issue of SDS Design programme V47														
					Delay Only	Notified Departure due to the issue of SDS Design programme V48														
					Delay Only	Notified Departure due to the issue of SDS Design programme V49														
					Delay Only	Notified Departure due to the issue of SDS Design programme V50														
					Delay Only	Notified Departure due to the issue of SDS Design programme V51														
					SKY	Amendments to Tower Place Bridge	10,000.00		10,000.00											
					Delay Only	Incomplete Utility Works														
537					SKY	Noise and vibration Works/Airing From the Study carried out under NTC438	80,430.74	70,000.00	60,000.00	80,430.74					80,430.74					
						Edinburgh Airport Platform changes	1,200,000.00	1,200,000.00	800,000.00	1,200,000.00			1,200,000.00							
					SDS	Edinburgh Airport - CED changes	20,177.54	20,000.00	17,035.71	20,177.54			20,177.54		1,260.63	1,703.58	8.52%			
					SKY	Cundry Works - cladding at 85/100	1,750.00	1,750.00	1,750.00	1,750.00			1,750.00		1,297.26	98.00	129.73	7.41%		
						Traffic and Lane modelling - Aecom	41,253.43	41,253.43	41,253.43	41,253.43			41,253.43	30,580.75	5,351.63	2,262.98	3,058.08	7.41%		
					GAN	Additional parapet cast and an deck of Carmel Knowe bridge	13,130.94			13,130.94										
					SSM	Remove Bus Shelter in George Street	70,300.36	50,000.00	50,000.00	70,300.36										
548					CHU	Airport Phase A works delay due to drainage setting out conflict	5,000.00		5,000.00											
						CEC's amendments to street lighting	4,000.00	3,000.00	3,000.00	4,000.00										
						Removal and disposal of contaminated soil at Russell Road Retaining Wall	129,420.98	129,420.98	129,420.98	129,420.98			129,420.98		95,889.11	7,887.88	(1,780.41)	(19.84%)		
						Removal and disposal of contaminated soil at Russell Road Retaining Wall	267,579.02	267,579.02	267,579.02	267,579.02			267,579.02							
						Below Ground Obstruction - Piling to Russell Road Retaining Wall W4	59,847.47	35,000.00	35,000.00	59,847.47			59,847.47		16,670.93	42,978.54				
					CHU	Edinburgh Airport CDRC Walkway Earthing and Bonding	10,000.00			10,000.00										
						Bus Gate protection in diversion of existing services	45,179.9	25,000.00	25,000.00	45,179.9			45,179.9	35,000.00	25,945.76	4,940.24	1,919.99	3,392.14	7.41%	

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	QS	Description	Assessment			Status				Working Estimate					Remarks						
							Maximum	Approved	Remaining	Submitted	Not Submitted	In principle agreed but not approved	Not agreed	Fixed	Build or performance design & estimate	Other Prelims 17.5%	Consortium Fee 7.4%	OH&P Margin		Margin %					
			16		SKY	Work to sewers at retaining Wall 1A - Lindsay Road	20,000.00	20,000.00	15,000.00																
					GAN	Structure S20 - Russell Road Bridge - Unforeseen Ground Conditions	50,000.00	40,000.00	50,000.00																
						Murrayfield Concor Retaining Walls Ground Improvement	50,000.00	40,000.00	50,000.00																
					CRU	Protected Species mitigation measures Badger tunnels, fences, feeding stations	10,000.00	7,500.00	5,000.00																
					SKY	Removal of materials from Por. of Leith Housing Association land at the Cairn	1,000.00	1,000.00	1,000.00																
			Graham		CRU	IFC Drawing changes for Section 2 Track Drainage	10,000.00	10,000.00	-11,000.00	8,097.39															
					CRU	Haymarket Viaduct - RTW - Temporary work changes due to projecting loading	20,000.00	20,000.00		4,233.44															
					CRU	OLE Pole Foundations - BDD/IFC Section 7	20,000.00	15,000.00	10,000.00																
632					CRU	Existing manhole at Russell Road Underbridge																			
					SKY	Tower Place Bridge - Unforeseen ground conditions existing tie rods	1,000.00	1,000.00	1,000.00																
					CRU	Invasive Species - Section 5B - Giant Hogweed	10,000.00	8,000.00	8,000.00																
					CRU	Haymarket Viaduct - Existing BT Cable and Drainage Pipe	2,500.00	2,000.00	1,500.00																
					Delay Only	Notified Departure due to the issue of SDS Design programme V55																			
					Delay Only	Notified Departure due to the issue of SDS Design programme V56																			
					CRU	Section 3 Drainage (Scottish Water) Approvals/closure	25,000.00	20,000.00	15,000.00																
					CRU	Murrayfield tramstop revised layout	10,000.00																		
					CRU	Provisional Sum - Network Rail Possession Staff																			
					GAN	Artificial obstructions at Russell Road Underbridge																			
					CRU	Elder Street Junction redesign	100,000.00	80,000.00	80,000.00																
					CRU	Reserved for Graeme Angus																			
					SKY	CDM responsibility for removal existing TMA at West End Junction and others	10,000.00	10,000.00	15,000.00																
					CRU	Promotion of Traffic Regulation Orders (TROs) by DCC	3,000.00	3,000.00	3,000.00																
					CRU	Transstops - Changing Brand Guidelines, TMs and Validators	10,000.00	10,000.00	15,000.00																
					CRU	Listed Building Consents - Dublin Street																			
					CRU	Festival embargos extended by 2 weeks																			
					CRU	Removal of Clark Hogweed in Plot 304	10,000.00	10,000.00	10,000.00	19,347.17															
					CRU	Reserved for Ollie Hughes																			
654					CRU	Additional Tram stop at Gogarrie to be named 'Edinburgh Gateway'	10,000.00	8,000.00	6,000.00																
					CRU	Relocate drainage from A9 at Gogarrie interchange	20,000.00	20,000.00	20,000.00																
					CRU	Remove existing sewer in Section 1A	10,000.00	10,000.00	15,000.00																
					SKY	Jane Street Radio Mast - Feasibility Study and Site Share Application																			
					CRU	Section 2A - Phase 1A/1B Interface design	5,000.00	4,000.00	3,000.00																
					CRU	Roseburn Viaduct - Additional requirements to value engineered design	100,000.00	80,000.00	80,000.00																
					CRU	Small Works Changes unapproved	30,750.00	30,000.00	25,000.00	30,750.00															
TOTALS:							66,106,583	26,180,296	15,959,597	44,195,391	21,911,19	2,467,287	41,728,104	2,577,449.06	2,025,088.05	192,434.09	154,822.10	205,104.82	7.96%						

sum = submitted & not approved	sum = under preparation	sum = submitted changes	sum = installed job cost unapproved changes
		44,195,391	2,372,344.23
sum = maximum potential of changes			
66,106,583			

Project: **Edinburgh Tram Network**
 as per: **31/07/2010**



2.09 Payment Status

PROGRESS		INVOICE							PAYMENT				
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE PAYMENT %	RETENTION MONEY %	OTHERS %	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance													
1	MONTH	500,000		21,389,899	19,100,000	-2,289,899	0	0	19,100,000	30/06/2008		0	
May-08	ACCLUM.	500,000		21,389,899	19,100,000	-2,289,899	0	0	19,100,000			0	
2	MONTH	1,052,000		2,414,100	2,289,899	-124,201	0	0	2,289,899	15/07/2008	04/06/2008	19,100,000	
Jun-08	ACCLUM.	1,552,000		23,803,998	21,389,899	-2,414,100	0	0	21,389,899			19,100,000	
3	MONTH	-1,552,000		-23,803,998	-21,389,899	2,414,100	0	0	-21,389,899	11/08/2008	04/07/2008	2,289,899	
									0			21,389,899	
4	MONTH	4,348,256		26,720,722	25,784,259	-936,463	0	0	25,784,259	11/09/2008	01/08/2008	4,394,360	
Aug-08	ACCLUM.	4,348,256		26,720,722	25,784,259	-936,463	0	0	25,784,259			25,784,259	
5	MONTH	1,046,633		971,518	739,994	-231,525	0	0	739,994	08/10/2008	29/09/2008	739,994	
Sep-08	ACCLUM.	5,394,889		27,692,240	26,524,252	-1,167,988	0	0	26,524,252			26,524,252	
6	MONTH	3,339,636		705,826	809,079	103,253	0	0	809,079	14/11/2008	31/10/2008	809,079	
Oct-08	ACCLUM.	8,734,527		28,398,066	27,333,331	-1,064,735	0	0	27,333,331			27,333,331	
7	MONTH	1,724,602		1,584,058	625,106	-958,953	0	0	625,106	22/12/2008		0	
Nov-08	ACCLUM.	10,459,129		29,982,124	27,958,437	-2,023,688	0	0	27,958,437			27,333,331	
8	MONTH	2,480,873		5,108,480	1,118,659	-3,991,821	0	0	1,118,659	22/01/2009	08/12/2008	1,741,764	
Dec-08	ACCLUM.	12,940,002		35,090,604	29,075,095	-6,015,509	0	0	29,075,095			29,075,095	
9	MONTH	584,252		5,960,121	1,858,032	-4,102,089	0	0	1,858,032	02/03/2009	30/01/2009	1,858,032	
Jan-09	ACCLUM.	13,524,254		41,050,724	30,933,127	-10,117,597	0	0	30,933,127			30,933,127	
10	MONTH	1,749,311		0	1,288,964	1,288,964	0	0	1,288,964	19/04/2009		0	
Feb-09	ACCLUM.	15,263,565		41,050,724	32,222,091	-8,828,633	0	0	32,222,091			30,933,127	
11	MONTH	1,578,820		0	3,532,588	3,532,588	0	0	3,532,588	03/04/09	04/03/2009	2,979,868	
Mar-09	ACCLUM.	16,842,385		41,050,724	35,754,680	-5,296,045	0	0	35,754,680	17/04/2009	17/03/2009	33,912,934	
12	MONTH	3,034,909		2,429,613	2,227,854	-201,759	0	0	2,227,854	14/05/2009	14/04/2009	1,841,685	
Apr-09	ACCLUM.	19,877,294		43,480,338	37,982,534	-5,497,804	0	0	37,982,534			35,754,680	
13	MONTH	2,268,403		0	3,383,746	3,383,746	0	0	3,383,746	15/06/2009	11/05/2009	2,227,854	
May-09	ACCLUM.	22,145,697		46,864,083	37,982,534	-8,881,549	0	0	37,982,534			37,982,534	
14	MONTH	2,048,589		4,050,740	2,264,088	-1,786,652	0	0	2,264,088	02/07/2009	03/06/2009	2,264,088	
Jun-09	ACCLUM.	24,194,286		50,914,824	40,246,623	-10,668,201	0	0	40,246,623			40,246,623	
15	MONTH	1,531,274		6,303,137	7,760,338	1,457,200	0	0	7,760,338	27/07/2009	02/07/2009	4,560,338	invoiced: regular & Phase 1B
Jul-09	ACCLUM.	25,725,560		57,217,961	48,008,960	-9,211,001	0	0	48,008,960	05/08/2009	28/07/2009	44,806,960	paid: Invoice No 18 & 19
16	MONTH	6,312,045		2,177,338	3,020,906	843,567	0	0	3,020,906	25/08/2009	05/08/2009	6,220,906	paid: Invoice 1B
Aug-09	ACCLUM.	32,037,605		59,395,299	51,027,866	-8,367,434	0	0	51,027,866		25/08/2009	51,027,866	paid: Phase 1B
17	MONTH	3,782,691		2,666,077	2,400,346	-265,731	0	0	2,400,346	25/09/2009		2,400,346	
Sep-09	ACCLUM.	35,820,296		62,061,377	53,428,212	-8,633,165	0	0	53,428,212			53,428,212	
18	MONTH	3,930,846		5,478,014	5,379,520	-98,494	0	0	5,379,520	12/11/2009	27/10/2009	2,194,682	
Oct-09	ACCLUM.	39,751,142		67,539,390	58,807,732	-8,731,659	0	0	58,807,732			55,622,894	
19	MONTH	7,287,813		0	4,173,384	4,173,384	0	0	4,173,384	11/12/2009	11/11/2009	3,184,837	
Nov-09	ACCLUM.	47,038,955		67,539,390	62,981,116	-4,558,274	0	0	62,981,116			58,807,732	
20	MONTH	3,634,719		6,183,662	2,737,744	-3,445,918	0	0	2,737,744	14/01/2010	11/12/2009	4,173,384	
Dec-09	ACCLUM.	50,673,664		73,723,052	65,718,860	-8,004,192	0	0	65,718,860			62,981,116	
21	MONTH	2,632,320		6,003,862	2,344,664	-3,659,197	0	0	2,344,664	10/02/2010	13/01/2010	2,737,744	
Jan-10	ACCLUM.	53,305,984		79,726,914	68,063,524	-11,663,390	0	0	68,063,524			65,718,860	
22	MONTH	4,076,901		4,529,095	2,153,902	-2,375,192	0	0	2,153,902	16/03/2010	12/02/2010	2,344,664	
Feb-10	ACCLUM.	57,382,885		84,256,008	70,217,427	-14,038,582	0	0	70,217,427			68,063,524	
23	MONTH	5,170,181		3,493,091	0	-3,493,091	0	0	0			2,153,902	
Mar-10	ACCLUM.	62,553,066		87,749,099	70,217,427	-17,531,672	0	0	70,217,427			70,217,427	
24	MONTH	5,755,480		4,407,498	2,654,337	-1,753,160	0	0	2,654,337	07/04/2010	07/04/2010	2,654,337	
Apr-10	ACCLUM.	68,308,546		92,156,597	72,871,764	-19,284,833	0	0	72,871,764			72,871,764	
25	MONTH	4,337,247		4,518,158	7,602,958	3,084,800	0	0	7,602,958	10/05/2010	07/05/2010	612,967	
May-10	ACCLUM.	72,645,793		96,674,755	80,474,722	-16,200,033	0	0	80,474,722			73,484,731	
26	MONTH	491,746		1,126,182	3,084,651	1,957,469	0	0	3,084,651	04/06/2010	04/06/2010	3,513,130	
Jun-10	ACCLUM.	78,137,539		97,800,937	83,558,373	-14,242,564	0	0	83,558,373			76,997,861	
27	MONTH	5,112,306		2,634,852	3,168,372	531,521	0	0	3,168,372	30/06/2010	01/07/2010	5,615,350	
Jul-10	ACCLUM.	83,249,845		100,435,788	86,724,745	-13,711,043	0	0	86,724,745	02/08/2010	29/07/2010	82,613,211	
											82,613,211		
											(w/o Advance Payment)		
											(with Advance Payment)		

Project: **Edinburgh Tram Network**as per: **31/07/2010**

2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
Grah001/10	27/05/2010	4	4	100%	7 no. observations for improvement also raised
Barr001/10	23/06/2010	2	2	100%	6 no. observations for improvement also raised
BBUKETN001/10	28/06/2010	3	0	0%	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	2	50%	

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	5	0	0%	5	-	2	-	40%
1B	-	-	-	-	0	-	0	-	0%
1C	13	12	12	92%	11	-	9	-	82%
1D	31	31	29	94%	6	2	3	-	50%
2	30	15	0	0%	11	1	7	1	64%
5A	12	0	0	0%	1	-	0	-	0%
5B	58	26	1	2%	16	-	12	1	75%
5C	27	5	0	0%	5	-	4	1	80%
6	35	27	2	6%	32	2	23	4	72%
7	68	44	11	16%	10	-	7	1	70%
System NCRs (non-audit)					97	5	67	8	69%
Cancelled					6		6		100%

3. Further quality-related events during this month

(please describe shortly)

No Internal carried out in July, those carried out on Graham and Barr have now been fully closed out. The results are posted in the table above. The ITP document reviews are ongoing, they are being updated as required and resubmitted to tie for approval. Source approval for all materials being used on site is being checked to ensure that all of the information and approvals have been sought. Requests for up to date testing certificates have been sent to all suppliers, resulting TQ's have been sent to SDS and responses are awaited.

Internal audits are ongoing. 2no. carried out in June, the results are posted in the table above. Checking and recording forms for the project were reviewed and revisions to the documents are currently being made. The ITP documents are being reviewed and updated and resubmitted to tie for approval. Source approval for all materials being used on site is being checked to ensure that all of the information and approvals have been sought. Requests for up to date testing certificates have been sent to all suppliers. Site visits have been undertaken to the ballast quarry with the materials engineer to ensure that the supplier is working from the correct rock bench.

Project: **Edinburgh Tram Network**
as per: **31/07/2010**



2.12 Safety Information System - SIS

Bilfinger Berger Civil⁵ - Monthly Safety Report

Month	July 2010	Prepared by						Contact phone or email.	
Site or office and Unit ⁵ Edinburgh Tram Project	BB¹ Managers and Supervisors	BB¹ workers	JV people	Sub-contractors³	Agency / hired people under BB control	Total	Others, eg public		
Number	67		35	410	21	533			
Hours ²	13199		6,895	66870	4137	91101			
Accidents in this month (if no accidents but a previous accident person is still away from work, write in days lost but leave accident space clear)									
Fatal						0			
Serious: over 3 days off work				1		1			
Travelling / commuting 3D+						0			
LTI: 1 -3 days off work						0			
1st Aid only				2		2			
Days lost ⁶ for this months accidents and any from previous accidents				8		8			
Incidents									
Causing damage				1		1			
Environment Ecology / Pollution						0			
Not work related						0	1		
Near misses, hazards reported				6		6			
Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents									
IP Name or incident location/Ref	Employer	Injury / Incident	date of acc / inc	RTW date ⁴	Wkg days lost this month/ RTW				
		Whilst driving a 9 tonne dumper across a slope of 1:7 ratio the IP found it	20th July 2010		8				
Return to OHS-Wi by 8th of following month			OHS-Wi email: QM@civil.Bilfinger.com		OHS-Wi fax 0049 (0)611 708 236				
<p>1. Average number of BB staff or site workers during the month.</p> <p>2. Hours should be included if known. Do not leave boxes blank eg make an estimate or multiply number of staff by monthly hours worked eg x 200</p> <p>3. Subcontractor numbers should be estimated if no exact figure known. Average part time workers over month eg 10 workers for half a month = 5.</p> <p>4. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known</p> <p>5. These are summary BBIB Group figures including all R&T's on site. For separate Regions or Technology Reports, please send a R&T specific report to the R&T</p> <p>6. Days lost are working days. You may have days lost to report from an old accident but no accident this month</p> <p>*Definition for a 3D+ accident includes weekends but not day of accident. You should check if man is <u>available</u> or fit for work during a weekend, then it may not be a 3Day+</p>									

2.13 Project Photographs

Picture 01

Section 1A

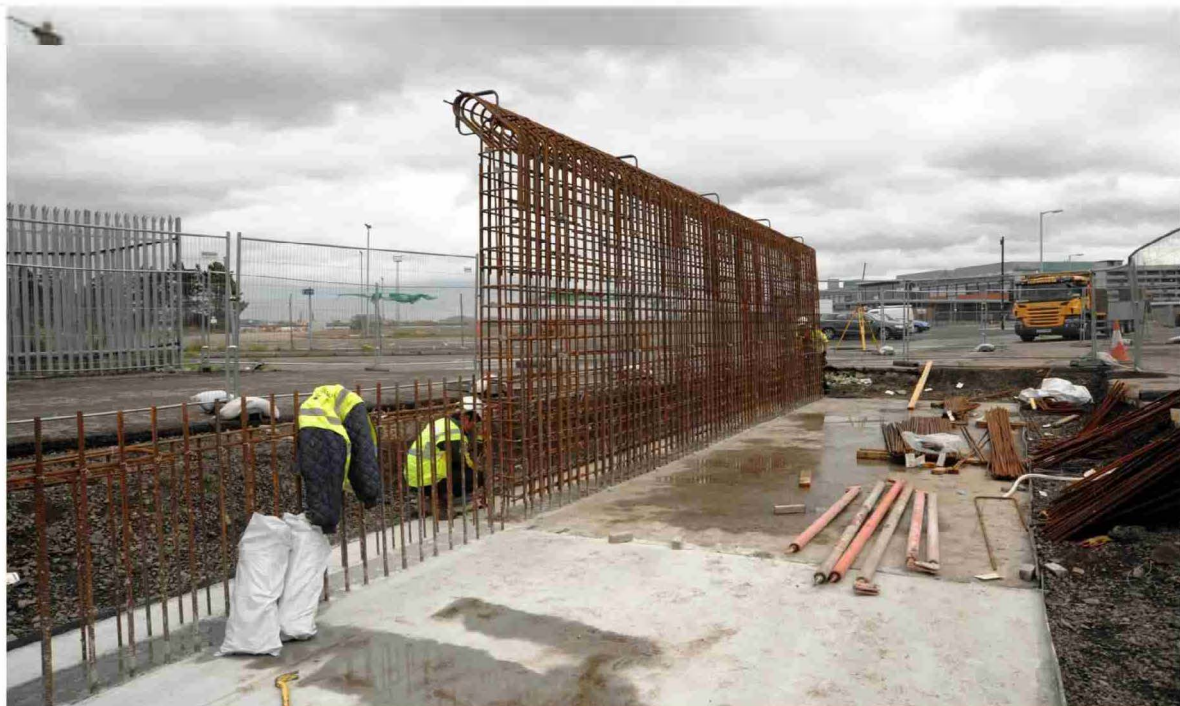
Lindsay Road Retaining Wall



Picture 02

Section 1A

Lindsay Road Retaining Wall



2.13 Project Photographs

Picture 03 **Section 1A** **Tower Place Bridge**



Picture 04 **Section 2A** **Russell Road Retaining Wall**



2.13 Project Photographs

Picture 05

Section 2A

Russell Road Retaining Wall



Picture 06

Section 5B

Carrick Knowe Bridge



2.13 Project Photographs

Picture 07

Section 5C

A8 Underpass / Depot Access Bridge



Picture 08

Section 5C

A8 Underpass



2.13 Project Photographs

Picture 09

Section 6

Depot



Picture 10

Section 7

Surcharged Track Line



2.13 Project Photographs

Picture 11

Section 7

Track to Airport Station



Picture 12

Section 7

Gogarburn Retaining Wall 15A



3.01 Overview Movements of Contingencies

Estimated Risks from Top Sheet (Unqualified Risk Register)		estimated	dissoluted	remaining
		GBP	GBP	GBP
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 Adjusted in Job Estimate 09/2008	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
total Estimated Risks from Top Sheet (Unqualified Risk Register)		4,599,000	292,824	4,306,176
Estimated Opportunities from Top Sheet (Unqualified Risk Register)				
32.	Changes in Employers Requirements	-100,000		-100,000
33.	Package Contractors Interface	-10,000		-10,000
total Estimated Opportunities from Top Sheet (Unqualified Risk Register)		-110,000	0	-110,000
Additional Estimated Risks				
34.	Interface Systems & Civils	1,000,000	0	1,000,000
total Additional Estimated Risks		1,000,000	0	1,000,000
Estimated Escalations				
35.	Escalation - Farrans Adjusted in Job Estimate 11/2008	483,046	483,046	0
36.	Escalation total Adjusted in Job Estimate 08/2009	4,388,294	942,000	3,446,294
37.	Enhanced Labour Rate	294,000		294,000
total Additional Estimated Escalations		5,165,340	1,425,046	3,740,294
Contingencies released				
38.	Overall Adjusted in Job Estimate 10/2009	0	3,916,682	-3,916,682
total Additional Estimated Escalations		0	3,916,682	-3,916,682
total		10,654,340	5,634,552	5,019,788

Project: **Edinburgh Tram Network**
 as per: **31/07/2010**



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	
Original SDS Design:											
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
New Design for Change Order:											
21	Draft, to be issued for construction	6						3	9		9
22	Issued for External Approval (IFEA), to be IFC	21	190	24		110	1	36	382		382
23	Issued for Construction (IFC)	95	550	118		790	296	185	2,034		2,034
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										
Existing Design subjected to revisions for Change Order: (It is assumed that drawings issued after 1/7/09 have Change Orders incorporated.)											
41	Draft, to be rev. for CO										
42	IFEA, to be rev. for CO										
43	IFC, to be rev. for CO										
44	Draft, revised for COs										
45	IFEA, revised for COs										
46	IFC, revised for COs										
50	Draft, withdrawn for CO										
51	IFEA, withdrawn for CO										
52	IFC, withdrawn for CO										
Total (1~3+5-52)		122	740	142	586	900	297	224	2,425	586	3,011
Original SDS Design:											
Issued for Construction (3+5-8+43+46)					261					261	261
Total Issue for Construction (1~3+5-8+41~46)					390					390	390
Percentage of Completion IFC					66.92%					66.92%	66.92%
SDS Design Incl. Change Orders:											
IFC incl. new Issues for CO (3+5-8+23~28+43+46)			550	118	261	790	296	185	2,034	261	2,295
Total IFC incl. new Issues for CO (1~3+5-8+21~28+41~46)		122	740	142	390	900	297	224	2,425	390	2,815
Percentage of Completion IFC		77.87%	74.32%	83.10%	66.92%	87.78%	99.66%	82.59%	83.88%	66.92%	81.53%
Percentage of Completion under consideration of IDR		93.36%	97.43%	98.31%	96.69%	98.78%	99.97%	97.05%	98.05%	96.69%	97.87%