

EDINBURGH TRAM NETWORK

Monthly Project Report September 2009



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: September 2009

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BL, PM, CCS

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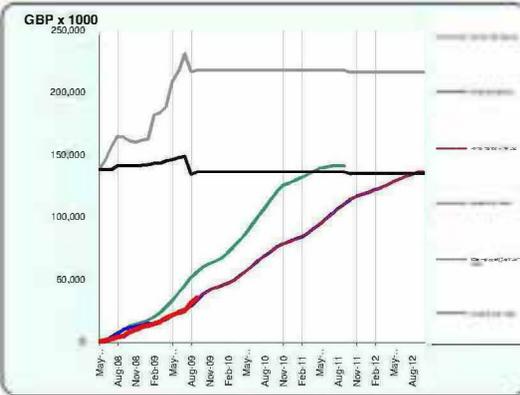
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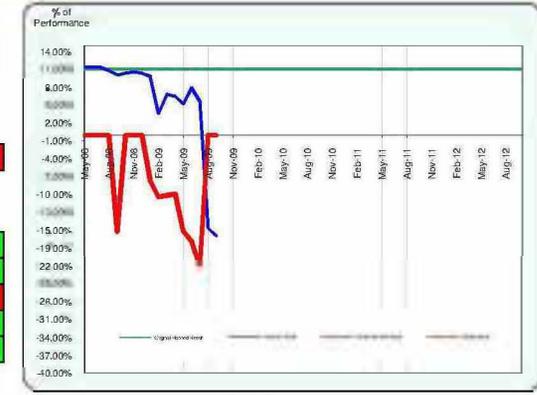
1.01 Project Overview Charts



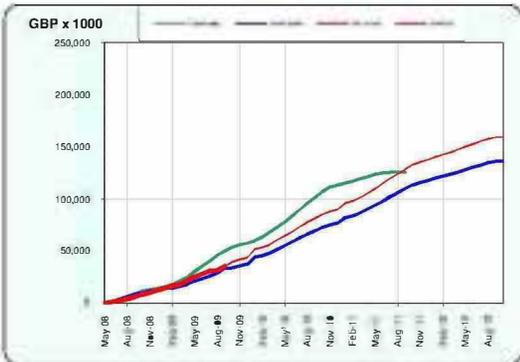
Performance

	Contract Plan Rev.1	Revised Plan actual	Forecast actual	Actual	Status Figures	
Construction start date	15-May-08			15-May-08	12.9 month	red
Construction end date	06-Sep-11	06-Sep-11	02-Oct-12			
Total contract value [GBPx1000]	141,509			136,462		
Claims / Variations approved				11,556		
Claims / Variations not approved				81,190		
Performance		33,875		35,820	105.7%	green
Result	11.07%	0.16%	-16.85%	-0.04%	-17.00%	red
Payment Status		51,584		53,428	103.6%	green
Av.Perf/mth: Rem. & act. 3mth			4,177	3,875		green

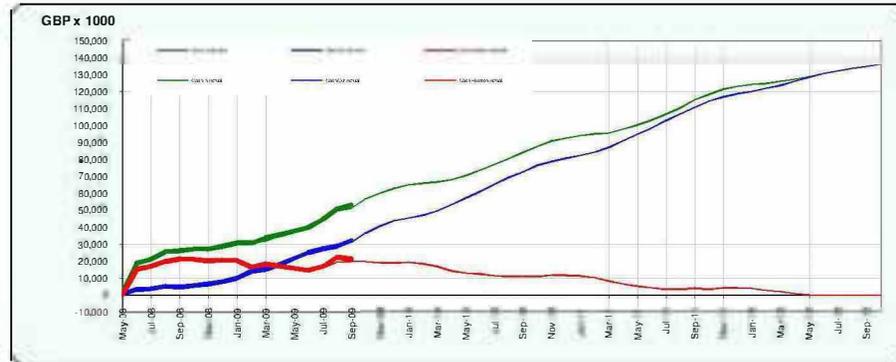
Project Key Figures



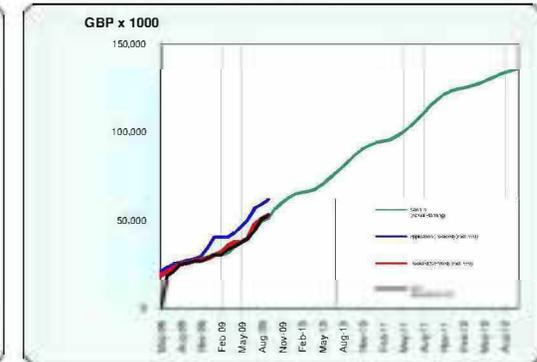
Project Result



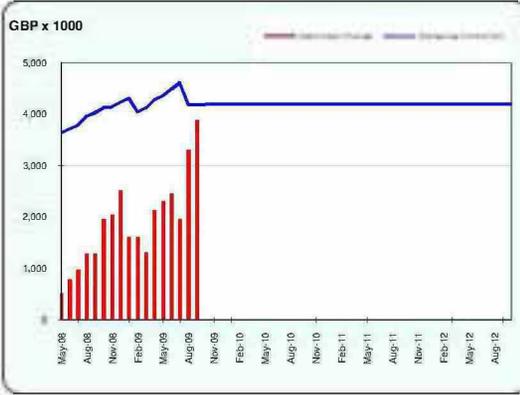
Project Cost



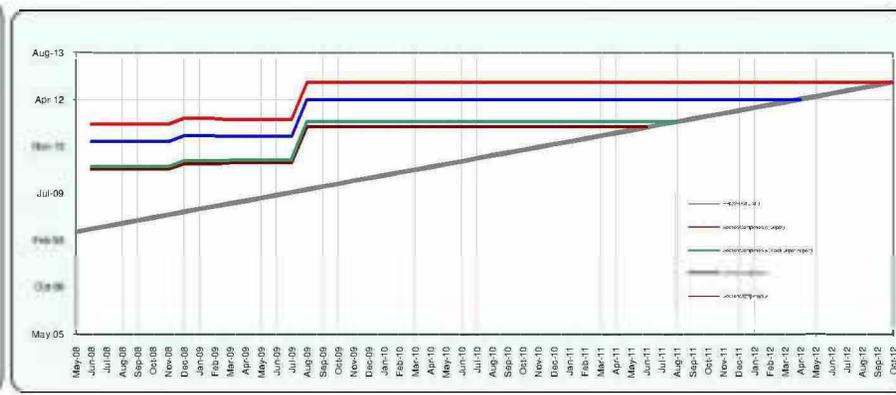
Cashflow



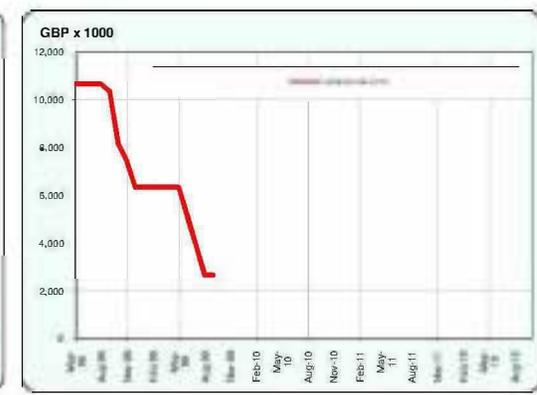
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis



Contingencies vs Risks

Project: **Edinburgh Tram Network**

as per: **30/09/2009**



1.02 Short note on Overview Charts

1.2.1 Performance

The current policy on site is to limit work to elements which are unaffected by change or which are the subject of acceptable instructions from the client, such that in either case payment is secure. In practice the work available (Princes Street, Edinburgh Park Bridge, Depot and Gogarburn Bridge) on this basis is very limited and the performance result in the month reflects this. In addition instruction to proceed works (Clause 80.15) has been received for Carrick Knowe Bridge and Russell Road Retaining Wall to proceed works on demonstrable cost basis during dispute resolution in accordance with the contract.

==> Please note: Reporting of performance changed as per August to basis of direct job cost instead of budget.

1.2.2 Project Cost

The main cost overrun is due to cost and resource increases mainly caused by:

- subcontracts (standby claims, additional works)
- extension of time (staff, financial, running site)
- consultants and design works
- insurances and bonds

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.

1.2.3 Project Result (Forecast)

The margin per September adds up to a cumulative result of -14,639 GBP (-0.04%).

The forecast shows a result of -16.85% caused by the fluent situation of the project, i.e. no agreement on over 400 changes, time extension and fundamental contractual disagreements, i.e. Value Engineering, Provisional Sums. Under the current circumstances we do not recognize that the project will result in a large margin, which is reflected in the weighted result of - 0.27 %.

To secure a low risk profile the contractual team has been strengthened to facilitate a positive outcome on the legal disputes. In parallel we are negotiating with tie on a possible Supplemental Agreement on demonstrable costs for the On Street works.

1.2.4 Payment Status

The payments from the client tie remain in time based on the agreed invoice application before the invoice submission.
Certified net from the client: £ 53,428,212

1.2.5 Cashflow

The ETN project cashflow as per 30.09.09 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.

Cash in net: £ 54,070,836 (incl. interest income) /. net cash out £ 32,543,255 = £ 21,527,581 net cash balance

1.2.6 Contingencies

The value for in the tender estimated contingencies was decreased to £ 2,686,470 (see attachment 3.01).

1.2.7 Construction Programme

Reporting is against the revised contract programme (Rev. 1) which shows the agreed 7 1/2 week extension of time. The actual current delay against this programme is of the order of 14 months. New programme (Rev. 2), to achieve best possible end date, was submitted to tie in May, showing a delay of 13 months (Data date 31.03.2009) against rev. 1 programme. Since the negotiations on extension of time with tie did not result in an acknowledgement of the entitlement, a third programme identifying the delay arising from the MUDFA rev. 8 programme (isolated utility relocation delay) of 9 months have been submitted to tie. No agreement has been reached during the discussions to this programme, therefore this item has been forwarded to dispute resolution in accordance with the contract.

1.03 General Information

1.3.1 Short note on progress, events this month

Mobilisation : Mobilisation (erection of site offices only) now complete. Office extension for accommodation of SDS in Edinburgh Park now completed. SDS will have moved in by end of September.

Design: Production of civil and building drawings in accordance with the original design is 87% complete. In general earthworks, roads, track and structures drawings are available and drawings for the depot, substation 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.

Production of detail drawings for structures and other areas affected by client changes is held up, pending resolution of change evaluation with the client and issue of instructions to the designer. Resolution of change evaluation is the subject of intensive effort by BB.

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.

Negotiations with SDS on an accelerated programme are ongoing, to achieve an earlier completion of the design.

Procurement : 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. McKenzie and Crummock are working on Princes Street under the terms of the Supplementary Agreement. Negotiation with tie on the changes of the depot were finalized in July and works for the depot building started in August.

Procurement of subcontracts for section 1A1, 1A2 and structures at section 5 is finalized and Letters of Intend were issued.

Construction: Works on Princes Street are progressing as scheduled. Off-Street works have continued at Edinburgh Park Bridge, Guided Busway, Depot building and at Gogarburn Bridge to the extent possible without taking any risk for unagreed changes. Works on Russell Road Retaining Wall and Carrick Knowe Bridge started in accordance with the Clause 80.15 instruction by tie.

1.3.2 Significant extraordinary events

Date	Description	Remarks
04/09/2009	<u>Notice of Dispute raised by BSC for valuation of Russell Road retaining Wall & MUDFA Rev. 8 - Delay arising from uncompleted utility works:</u> Dispute Resolution Procedure ongoing.	

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

Date	Description	Remarks
09/09/2009	Instruction by tie in accordance with clause 80.15 of the contract for Russell Road Retaining Wall to execute the works on demonstrable costs until the valuation of works is agreed.	

1.3.4 Status on Major Unapproved Claims / Variations / Changes

473 changes have been notified to date - 61 by tie and 412 by Infraco.
48 of these have been superseded by further changes or withdrawn.
65 of these have a delay only impact and will not require an estimate.
Therefore there are 360 changes requiring estimates.
10 of these are not Bilfinger-related and are just concerning Siemens or CAF.
Infraco has submitted 229 changes (of the 350) for design only or for design and construction works.
90 changes (of the 229) have been approved or partly approved by a written tie change order.
121 estimates are still required.
Of these outstanding 121 estimates, 31 have been accepted in principle by tie, 16 have been rejected and the remainder have neither been accepted nor rejected.
There are 31 estimates proceeding through the internal consortium approvals process.

1.04 Performance Sheet

1. General Information		2. Construction Period		Contract (Rev. 1)	Actual	Variance
Client:	tie LIMITED	Construction start date	15-May-08	15-May-08	0 days	
Leadership:	BILFINGER BERGER UK LIMITED Share: 75%	Construction end date	06-Sep-11	06-Sep-11	0 days	
	BILFINGER BERGER VWB GMBH Share: 25%	Total excl. Site Removal	40 month	40 month	0 %	
Currency:	GBP Rp. (all amounts without V.A.T.)	Expired construction time	16.5 month	16.5 month	42 %	
Rate of Exchange Top Sheet:	1 GBP = 1.25 EUR Actual: 1.09 EUR	Performance to date		35,820,296 GBP	26 %	

2. Total Contract Value		Date of Contract	Total Previous Month	September 2009	Total Reporting Month
Contract Value with Client (revised evaluation)	124,906,209 (incl. SDS NovaAgree)	100.00%	134,658,569	1,803,544	136,462,113
Contract Value with 3rd Parties (without interest)			0	0	0
Total Contract Value			134,658,569	1,803,544	136,462,113

3a. Provisional Sums		Total Previous Month	September 2009	Total Reporting Month
SDS Novation Agreement Provisional Sums		1,401,754	126,156	1,527,910

3b. Claims and Variations		Total Previous Month	September 2009	Total Reporting Month
Claims and Variations approved		8,350,606	1,677,389	10,027,995
Claims and Variations submitted but not approved yet		53,704,147	265,698	53,969,845
Claims and Variations under preparation		28,316,929	-1,096,757	27,220,172

4a. Performance		Total Previous Month	September 2009	Total Reporting Month
Performance for Actual Contract Value with Client		32,037,605	3,782,691	35,820,296
Performance for 3rd Parties (without interest)		0	0	0
Total Performance to Date		32,037,605	3,782,691	35,820,296
Remaining Performance to Date		102,620,964		100,641,817
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		32,037,605	1,837,000	33,874,605

4b. Cost		Total Previous Month	September 2009	Total Reporting Month
Actual Cost at Reporting Date		32,020,145	3,814,790	35,834,935

5. Result		Date of Contract	Total Previous Month	September 2009	Total Reporting Month
Planned Result for Contract with Client	13,832,170	11.07%	-1,628	213,996	212,368
Actual Result at Reporting Date			17,460	-32,099	-14,639
Forecast Result at the End of Contract			-20,991,465	-1,998,915	-22,990,380
Weighted Result at the End of Contract (Likely Case)			2,212,596	-2,739,157	-526,560

6. Invoices, Payment and Bank account		Total Previous Month	September 2009	Total Reporting Month
Application to the client - excl. VAT	incl. Ret. Money	59,395,299	2,666,077	62,061,377
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	51,027,866	2,400,346	53,428,212
Cash in from the client - excl. VAT	excl. Ret. Money	51,027,866	2,400,346	53,428,212
Cash in from 3rd Parties - excl. VAT		0	0	0
Interest income		624,549	18,075	642,624
Cash out (excl. VAT)		29,055,693	3,467,562	32,543,255
Net Liquidity	credittline	22,596,722	-1,069,141	21,527,581

7. Subcontractor Work (incl. Design)		Total Previous Month	September 2009	Total Reporting Month
Total Portion of Subcontractor Budget	60,353,024 (incl. SDS)	90,222,000	11,961,584	102,183,584
Total Amount of signed Subcontracts incl. approved Variation Order		0	0	0
Total Subcontractor Result to date		0	0	0
Actual Subcontractor Costs to date (incl. Accruals)		0	0	0
Therefrom invoiced to date		0	0	0

8. Actual Forecast for Performance and Result in TSD GBP

Performance	Original planned				Actual / Forecast					Yearly Forecast			
	2008	2009	2010	2011	2008	2009	2010	2011	2012	Performance and Result in 2008	Performance and Result in 2009		
Jan		1,706	2,786	2,346		584	1,537	1,837	1,337	Performance	12,940,002	9.5%	
Feb		2,526	4,026	2,026		1,739	1,837	1,837	1,837	Result	2	0.0%	
Mrz		3,526	5,026	2,526		1,579	2,337	2,837	1,837	Performance and Result in 2009			
Apr		4,526	5,276	2,526		3,035	3,837	3,837	2,337	Performance	31,135,603	22.8%	
Mai	855	5,776	6,026	2,526		500	2,268	3,837	2,337	Result	-8,713	0.0%	
Jun	1,355	5,776	6,526	1,026		1,052	2,049	3,837	2,337	Performance and Result in 2010			
Jul	2,375	5,776	6,526	1,026		1,331	1,531	4,337	2,130	Performance	36,744,000	26.9%	
Aug	2,855	6,026	6,526			1,465	6,312	3,837	1,837	Result	-9,272,985	-25.2%	
Sep	3,055	4,626	6,526			1,047	3,783	3,337	1,588	Performance and Result in 2011			
Okt	2,855	4,026	6,526			3,340	3,255	3,837	3,837	22	Performance	38,044,000	27.9%
Nov	1,535	2,526	5,026			1,725	3,000	2,337	2,337	Result	-9,748,276	-25.6%	
Dez	1,446	1,866	1,706			2,481	2,000	1,837	1,837	Performance and Result in 2012			
Total	16,334	46,678	62,498	13,999		12,940	31,136	36,744	38,044	17,599	Performance	17,598,837	12.9%
											Result	-3,960,079	-22.5%
											Total Performance and Result		
											Performance	136,462,442	100.0%
											Result	-22,990,052	-16.8%

Edinburgh, 15/10/2009	M Foerder, Project Director	Edinburgh,	T Vogt, Commercial Manager
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Project: **Edinburgh Tram Network**
as per: **30/09/2009**



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	136,462	136,462	136,462	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-159,452	-159,452	-159,452
2.1	Unapproved, but in Job Site Estimate integrated Changes	2,229	1,751	1,522	2.1	Unapproved, but in Job Site Estimate integrated Changes			
2.2	Unapproved, but in Job Site Estimate not integrated Changes	75,323	35,741	27,696	2.2	Unapproved, but in Job Site Estimate not integrated Changes	-68,475	-32,492	-25,178
3 = 2.1+2.2	Total unapproved Changes	77,551	37,493	29,218	3 = 2.1+2.2	Total unapproved Changes	-68,475	-32,492	-25,178
4.2					4.2	Cost Risk within Unapproved Changes		-385	-770
4.3					4.3	Outstanding Subcontractor Awards		-3,878	-7,755
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				Σ 4.1 : 4.20	Risks not included in JSE		-7,437	-13,286
5.1	Back Flow of Value Engineering	7,000	6,000	3,000	5.1	Uninsured Economic Losses	2,200	1,000	0
5.2	Change Order EOT1	2,500	2,200	1,850	5.2	Interest Income	1,100	1,000	900
5.3	Change Order EOT2	13,200	9,900	6,600	5.3				
5.4	Bonus Payment Milestone Section A	1,200	1,200		5.4				
5.5	Bonus Payment Milestone Section B	1,200	1,200		5.5				
5.6	Bonus Payment Milestone Section C	1,200	1,200		5.6				
5.7	Bonus Payment Milestone Section D	1,200	1,200		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	27,500	22,900	11,450	Σ 5.1 : 5.20	Chances	3,300	2,000	900
6 = 1+3+4+5	Forecast Final Revenue	241,513	196,855	177,130	6 = 1+3+4+5	Forecast Final Costs	-224,628	-197,381	-197,017

		Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)		Revenue	241,513		
		Costs	-224,628		
		Result	16,886		
% Gross Margin based on Revenue Best Case		Revenue: 241,513	6.99%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)		Revenue		196,855	
		Costs		-197,381	
		Result		-527	
% Gross Margin based on Revenue Likely Case		Revenue: 196,855		-0.27%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)		Revenue			177,130
		Costs			-197,017
		Result			-19,886
% Gross Margin based on Revenue Worst Case		Revenue: 177,130			-11.23%
Gross Margin previous month (most likely case)			8.06%	1.11%	-9.86%

Project: **Edinburgh Tram Network**
as per: **30/09/2009**



2.01 Cost Reconciliation Sheet

see following pages

Project: GB-2006-1001AK14 Edinburgh Tram 2009_09
Reporting Month: 15. R.-P. 09.2009, 30/09/2009

COST RECONCILIATION & FORECAST (LUMP SUM CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE										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 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC IQxDJC-Rate 9	Variance to Date 10= 9-5	Budget Orig. Contr with WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 16	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCt AQty. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 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 Activity Model: Rev.3_20090908																				
25.1.201.42	Section 1 - Site Cost - TBA	110,427	27,626	138,053	204,567	28,161	94,675	162,378	24,325	3,245,322	3,245,322	68,139	44,002	3,357,463	3,253,191	4.99%	3,090,814	3,228,867	128,596	94,675
25.1.201.48	Section 1 - Small Subcontracts - TBA	40,500	-40,500		240	0	240	240	240	320,806	320,806	240	0	321,046	321,045	0.07%	320,805	320,805	241	240
25.1.201.09	Section 1 - Sectionwide	150,926	-12,877	138,052	204,806	28,161	94,915	162,618	24,566	3,566,127	3,566,127	68,378	44,002	3,678,507	3,574,231	4.55%	3,411,611	3,549,671	128,836	94,915
25.1.201.31	Section A1+A2 - TBA		0		0			0		7,376,522	7,376,522	14,500	0	7,391,022	7,391,022	0.00%	7,391,022	7,391,022		
25.1.201.32	Section A3 - TBA				0			0	0	2,257,643	2,257,643	0	0	2,257,643	2,257,643	0.00%	2,257,643	2,257,643		
25.1.201.10	BB Sub-Section 1 A		0							9,634,166	9,634,166	14,500		9,648,666	9,648,666	0.00%	9,648,666	9,648,666		
25.1.201.40	Section 1 B (Main Sub Crummock)	477,319	-12,855	464,464	334,696	225,573	95,805	506,207	41,743	3,948,145	3,948,145	12,964	225,573	4,186,682	3,981,798	12.71%	3,475,591	3,940,055	246,627	753,777
25.1.201.11	BB Sub-Section 1 B	477,319	-12,855	464,464	334,696	225,573	95,805	506,207	41,743	3,948,145	3,948,145	12,964	225,573	4,186,682	3,981,798	12.71%	3,475,591	3,940,055	246,627	753,777
25.1.201.43	Section 1C1 - TBA				0			0		1,086,641	1,086,641	11,788	0	1,098,429	1,098,429	0.00%	1,098,429	1,098,429	0	
25.1.201.44	Section 1C2 - TBA	13,118	0	13,118			-13,118	0	-13,118	4,335,508	4,335,508		0	4,335,508	4,335,507	0.00%	4,335,507	4,348,625	-13,117	-13,118
25.1.201.45	Section 1C3	125,000		125,000		75,000	-50,000	125,000	0	0	0	75,000	75,000	125,000	100.00%	0	125,000	-50,000	-50,000	
25.1.201.12	BB Sub-Section 1C	138,118		138,118		75,000	-63,118	125,000	-13,118	5,422,148	5,422,148	11,788	75,000	5,508,936	5,558,936	2.25%	5,433,936	5,572,054	-63,118	-63,118
25.1.201.52	Section 1D MacKenzie Sect	63,607	0	63,607	26,757		-36,750	33,606	-29,901	2,998,744	2,998,744		171,229	3,169,973	3,515,139	0.96%	3,481,531	3,545,040	-375,067	-36,750
25.1.201.96	Suppl/Agree Princes Street	4,124,196	1,247,943	5,372,139	5,334,524		-37,615	5,334,524	-37,615	1,063,541	1,063,541	4,681,537	0	5,745,079	5,745,080	92.85%	4,105,556	5,782,695	-37,616	-40,512
25.1.201.13	BB Sub-Section 1D	4,187,703	1,247,943	5,435,646	5,361,281		-74,365	5,368,130	-74,365	4,062,286	4,062,286	4,681,537	171,229	8,915,052	9,260,219	57.97%	3,892,089	9,327,735	-412,683	-77,262
25.1.201.53	Site Costs / Remaining Works BB- TBA	656,333	9,198	665,531	281,527	13,460	-370,544	496,788	-168,741	856,828	856,828	362,538	21,031	1,239,397	1,554,911	31.95%	1,058,121	1,723,654	-484,257	-1,159,762
25.1.201.54	Sub NN - TBA	177,965	180,821	358,786	196,890	0	-161,896	398,686	39,900	5,938,657	5,938,657	141,975	0	6,080,632	6,375,077	6.25%	5,976,391	6,335,177	-254,545	-161,896
25.1.201.55	Sub NN - TBA	14,409	0	14,409	0	0	-14,409	0	-14,409	2,402,044	2,402,044	0	0	2,402,044	2,402,044	0.00%	2,402,044	2,416,453	-14,409	-14,409
25.1.201.56	S27 Edinburgh Park Station Bridge	4,389,038	251,262	4,640,300	3,203,495		-1,436,805	4,502,537	-137,763	4,674,535	4,674,535	38,611		4,713,146	5,755,422	78.23%	1,252,885	5,893,185	-1,180,039	-1,836,642
25.1.201.57	S28A8 Underpass	561,939	5,405	567,344	313,809	0	-253,535	576,886	9,542	4,804,443	4,804,443	3,420	0	4,807,852	5,102,651	11.31%	4,525,765	5,093,109	-265,257	-2,241,689
25.1.201.58	Sub Structures/Substations - TBA	518,872	-282,342	236,630	16,000	0	-220,630	141,370	-95,260	4,796,357	4,796,357		0	4,796,357	4,918,505	2.87%	4,777,135	5,013,765	-217,408	-220,630
25.1.201.14	BB Sub-Section 5 A/B/C	6,318,556	164,445	6,483,001	4,011,721	13,460	-2,457,820	6,116,266	-366,731	23,471,853	23,471,853	546,544	21,031	24,039,428	26,108,610	23.43%	19,992,344	26,475,345	-2,435,917	-5,635,028
25.1.201.61	Section 2+5A (Main Sub Graham)	576,761	43,443	620,204	448,018		-172,186	612,621	-7,568	20,024,410	20,024,410	73,632	0	20,098,042	20,323,041	3.01%	19,710,420	20,330,624	-232,585	-172,186
25.1.201.62	Section 5C+7 (Main Sub Farrans)	1,504,630	6,333	1,510,963	1,344,148	149,364	-17,451	1,488,784	-22,177	5,738,972	5,738,972	103,732	149,366	5,992,068	6,246,346	23.83%	4,757,561	6,268,525	-276,451	-73,231
25.1.201.63	Section 6 (Main Sub Barr)	1,642,689	616,528	2,259,217	2,079,419	18,196	-161,600	2,182,615	-76,602	13,932,200	13,932,200	1,486,600	18,099	15,436,997	16,369,329	13.33%	14,186,714	16,445,931	-1,008,934	-1,212,318
25.1.201.15	Package Subcontractor	3,724,081	666,304	4,390,385	3,871,585	167,561	-351,239	4,284,020	-106,361	39,695,581	39,695,581	1,663,964	167,561	41,527,106	42,938,717	9.98%	38,654,691	43,045,082	-1,517,976	-1,457,735
25.1.201.21	Temporary Traffic Management - TBA	1,690,349	297,368	1,987,717	660,183	48,922	-1,278,611	2,009,105	21,388	2,765,570	2,765,570	210,202	48,923	3,024,695	4,324,695	46.46%	2,315,590	4,303,300	-1,278,612	-2,752,071
25.1.201.22	Street Lighting- TBA				0			0		1,130,224	1,130,224	-9,746	0	1,120,478	1,130,224	0.00%	1,130,224	1,130,224	-9,746	
25.1.201.23	Landscaping - TBA				0			0		150,000	150,000		0	150,000	150,000	0.00%	150,000	150,000		
25.1.201.16	Construction Overall	1,690,349	297,368	1,987,717	660,183	48,922	-1,278,612	2,009,105	21,388	4,045,794	4,045,794	200,456	48,922	4,295,172	5,604,918	35.85%	3,595,813	5,583,530	-1,288,358	-2,752,071
25.1.201.01	Construction	16,687,052	2,350,330	19,037,382	14,444,271	558,677	-4,034,434	18,571,346	-466,036	93,846,100	93,846,100	7,200,132	753,318	101,799,550	106,676,100	17.41%	88,104,754	107,142,136	-5,342,586	-9,136,522
25.1.201.64	Site Installation / Running Costs ..	1,510,787	148,677	1,659,464	718,019	35,561	-905,878	1,704,744	45,285	1,988,000	1,988,000	196,383	55,671	2,240,056	4,108,098	41.50%	2,403,354	4,062,813	-1,822,751	-2,182,839
25.1.201.65	Staff	7,660,749	313,910	7,974,659	5,046,325	197,805	-2,730,529	8,123,804	149,145	13,131,333	13,131,333	419,933	307,133	13,858,400	22,452,606	36.18%	14,328,800	22,303,461	-844,061	-7,547,067
25.1.201.66	Design And Engineering	5,105,424	231,757	5,337,181	4,066,475	414,618	-856,088	5,291,746	-45,435	3,308,815	3,308,815	2,360,364	572,756	6,241,935	7,781,351	68.01%	2,489,600	7,826,788	-1,584,853	-1,258,768
25.1.201.67	Insurances, Bonds, Interests	-381,748	126,827	-254,921	355,128	52,366	662,415	-180,258	74,666	2,552,277	2,552,277	111,660	81,822	2,745,759	6,027,135	-2.99%	6,207,393	5,952,477	-3,206,713	662,415
25.1.201.68	Tender Costs	1,148,541	-604,671	543,870	543,775		-95	543,870	0	543,775	543,775		0	543,775	543,870	100.00%	0	543,870	-95	
25.1.201.71	Consultants	1,218,047	319,258	1,537,305	712,500		-824,805	1,552,566	15,261	589,297	589,297	123,203		712,500	2,926,861	53.05%	1,374,296	2,911,601	-2,199,101	-1,554,769
25.1.201.02	Overhead	16,261,800	535,753	16,797,553	11,442,223	700,349	-4,654,981	17,036,470	238,911	22,113,500	22,113,500	3,211,544	1,017,380	26,342,424	43,839,921	38.86%	26,803,451	43,601,006	-17,258,581	-11,881,123
25.1.201.72	Risks/Opportunities/Escalation				0	0		6,250,000	6,250,000	9,878,470	9,878,470		0	9,878,470	8,936,470	69.94%	2,686,470	2,686,470	7,192,000	
25.1.201.03	Contingencies							6,250,000	6,250,000	9,878,470	9,878,470			9,878,470	8,936,470	69.94%	2,686,470	2,686,470	7,192,000	
TOTAL		32,948,852	2,886,083	35,834,935	25,886,493	1,259,027	-8,689,415	41,857,816	6,022,881	125,838,070	125,838,070	10,411,675	1,770,699	138,020,444	159,452,499	26.25%	117,594,671	153,429,612	-15,409,468	-21,017,645

without Allocation -1,896 -1,896 -1,896 -1,896

Project: GB-2006-1001AK14 Edinburgh Tram 2009_09
Reporting Month: 15. R.-P. 09.2009, 30/09/2009

COST RECONCILIATION & FORECAST (LUMP SUM CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE								BUDGET CONTRACT AND EXECUTION					FORECAST FINAL					
Work-/ Cost- Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals	Actual Allow- able incl. agreed VO's	Allowable for unapproved VO's	Variance to Date	Revised DJC IQxDJC-Rate	Variance to Date	Budget Original WQty.	Budget Original AQty.	Budget Agreed Variation Orders AQty.	Budget unappr. VO's AQty.	Budget Total AQty.	Revised DJCt AQty.	% Complete	Cost to Complete (AQ-IQ)	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)
1	2	3	4	5=3+4	6	7	8=(6+7)-5	9	10=9-5	14	15	16	17	18=15+16+17	19	20=9/19	21=19-9	22=5+21	23=18-22	24=8/20
Total Cost incl. Prime Cost Sums		32,948,85	2,886,083	35,834,935	25,884,598	1,259,02	-8,691,310	41,855,920	6,020,98	125,838,070	125,838,070	10,411,67	1,770,699	138,020,444	159,452,49	26.2 %	117,596,57	153,431,508	-15,411,06	-33,172,939
Prime Cost Sums 0 / 0				0																
Total Cost without Prime Cost Sums		32,948,85	2,886,083	35,834,935	25,884,598	1,259,02	-8,691,310	41,855,920	6,020,98	125,838,070	125,838,070	10,411,675	1,770,699	138,020,444	159,452,49		117,596,573	153,431,50		

LUMP SUM CONTRACT:

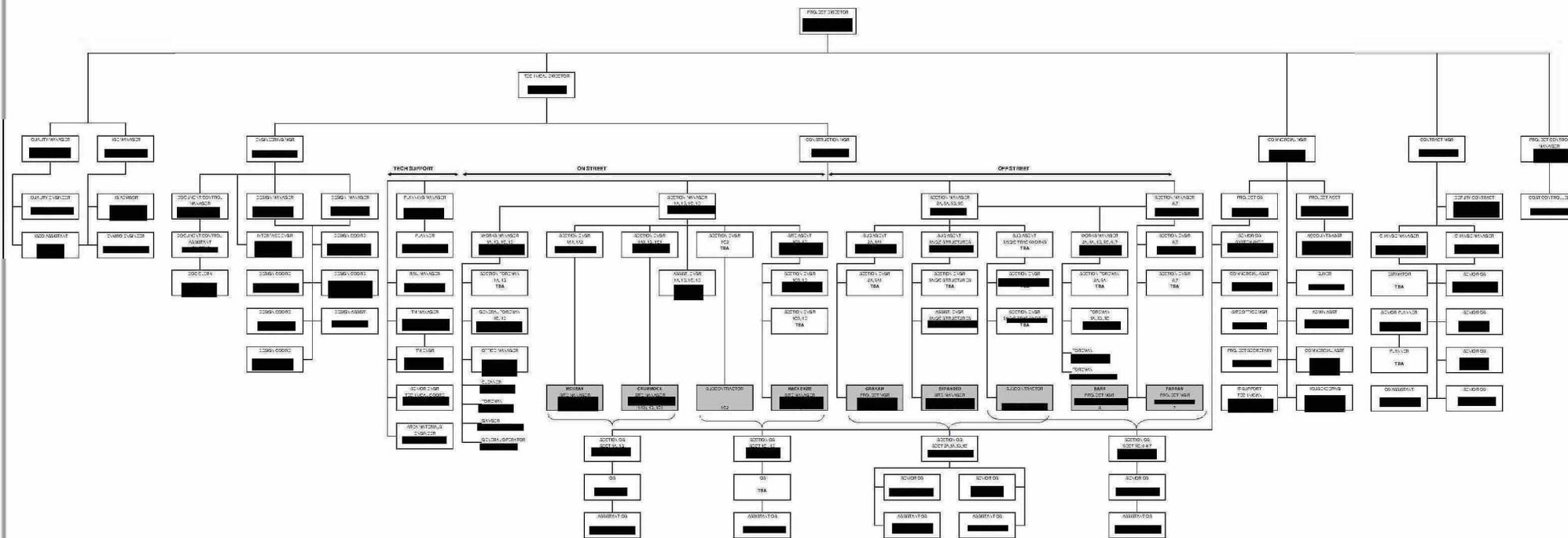
Gross Margin original Contract and agreed VO's (PF = 0.8558, PFB = 1.0016)

Total Cost without Prime Cost Sums	35,834,935	25,884,598	41,855,920	125,838,070	125,838,070	10,411,67	1,770,699	138,020,444	159,452,49	153,431,508
Gross Margin		41,415	-6,035,624	15,670,750	931,861	1,144,229	212,368	-22,990,380		-16,969,395
Gross Margin in % of Performance		0.16 %	-16.85 %	11.07 %	-0.75 %	9.90 %	0.16 %	-16.85 %		-12.44 %
Performance without Prime Cost Sums		25,926,013	35,820,29	141,508,815	124,906,209	11,555,904		136,462,113	136,462,11	136,462,11
Actual Cost to date		35,834,935	35,834,935							
Gross Margin to date		-9,908,922	-14,639							
Gross Margin to date in % of Performance		-38.22 %	-0.04 %							
Performance Prime Cost Sums										
Total Performance		25,926,013	35,820,296	141,508,518	124,906,209	11,555,904		136,462,113	136,462,113	136,462,113
Revenue according WBS										

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 0.8677, PFB = 1.0024)

Total Cost without Prime Cost Sums	27,143,625	41,855,920	125,838,070	125,838,070	10,411,67	1,770,699	138,020,444	159,452,49	153,431,508
Gross Margin	65,145	-5,537,538	15,670,750	331,026	-21,101,023	-15,080,038			
Gross Margin in % of Performance	0.24 %	-15.25 %	11.07 %	0.24 %	-15.25 %	-10.90 %			
Valued Performance without Prime Cost Sums	27,208,770	36,318,38	141,508,81	124,906,209	11,555,904	1,889,35	138,351,470	138,351,47	138,351,47
Actual Cost to date	35,834,935	35,834,93							
Gross Margin to date	-8,626,165	483,447							
Gross Margin to date in % of Performance	-31.70 %	1.33 %							
Performance Prime Cost Sums (incl. valued performance)									
Total Performance (incl. valued performance)	27,208,770	36,318,382	141,508,815	124,906,209	11,555,904	1,889,357	138,351,470	138,351,470	138,351,470
Revenue according WBS (VO's valued)									
Revenue according WBS (VO's valued by 100%)									

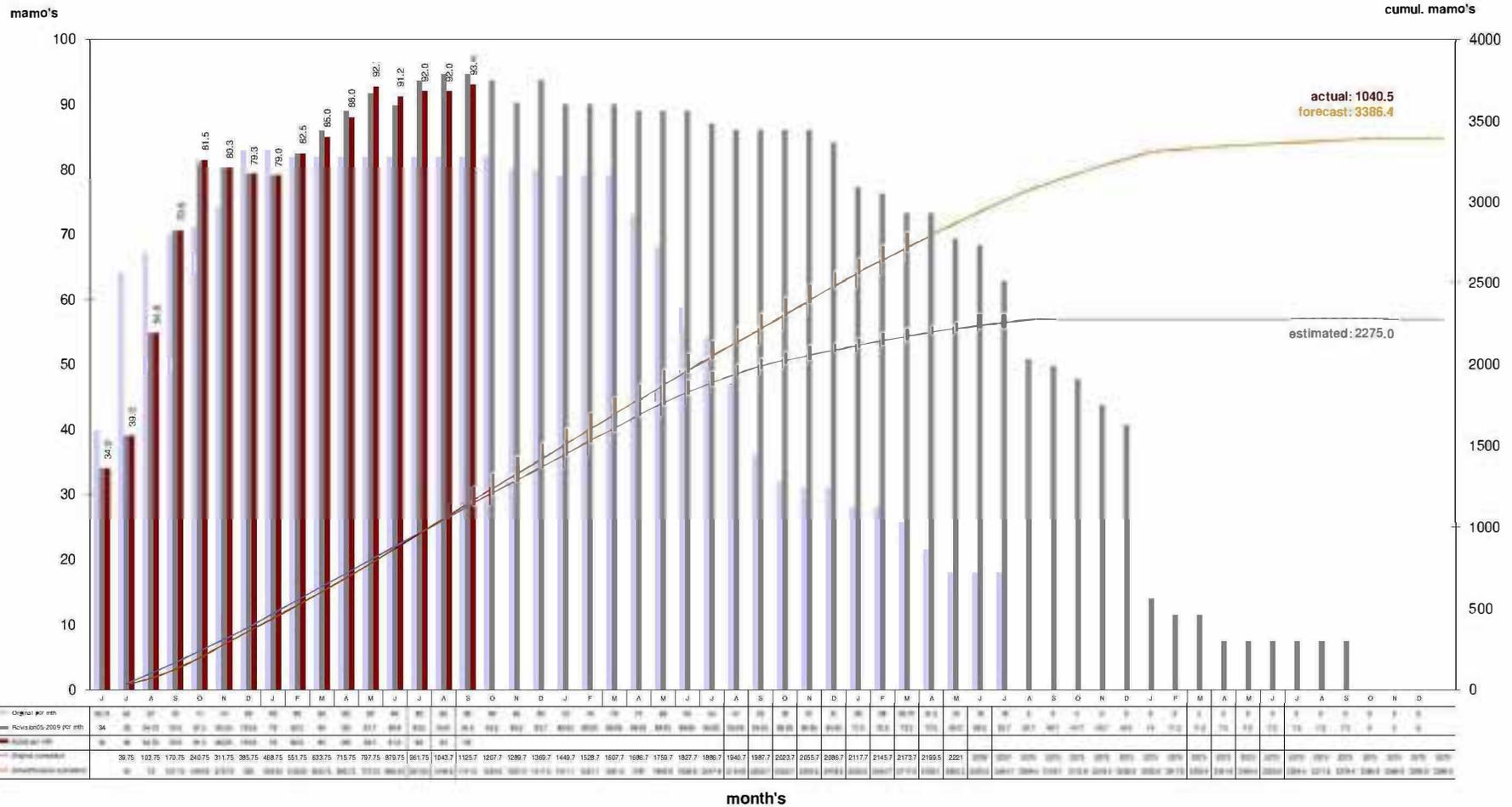
205 Organisation Chart



EDINBURGH TRAM NETWORK
CIVIL WORKS TEAM

2.06 Staff Chart

Staff mammo performance Edinburgh Tram



2.08a Approved Change Orders

INTC-Ref	TCO	Section	Description	Approval		Estimate						Remarks		
				Date	Amount	Budget for performance, design & estimate	Preliminaries	Consortium Fee	Total Budget	OH&P	Final		Est	Stage of Completion acc. to Pert Report
			Nova Agree SDS Novation Agreement Provisional Sums	31/07/09	1,527,909.50	1,527,909.50			1,527,909.50					100.00%
			Supp Agree Works carried out under Supplemental Agreement concerning Princes Street	20/03/09	6,050,024.31	4,455,600.42	1,443.38	382,110.00	5,153,667.09	896,357.28	6,050,024.37			100.00%
019		Graham	Archaeological Survey to the Calvey Ate House	19/09/08	5,201.29	4,430.40		327.8	4,758.25	443.04	5,201.29			100.00%
021		Graham	Asbestos in the Caledonian Ate House	19/09/08	5,268.33	4,487.50		332.0	4,819.50	448.83	5,268.33			100.00%
053		SC	NC004-Utilities diversions & associated works	19/09/08	33,722.76	28,539.91		2,323.5	30,863.49	2,859.29	33,722.76			56.00%
057		WSC	Duct installation at Leith Walk	22/01/09	255.00	255.00		273.8	25.50	299.37				100.00%
059			Notified Departure in acc. With Schedule 4 due to the Asbestos Survey	30/10/08	26,048.00	22,200.00		1,642.8	23,842.80	2,205.20	26,048.00			91.00%
166		1A	TM003-Utilities diversions & associated works	03/12/08	75,693.50	64,070.92		5,215.3	69,286.3	6,407.19	75,693.50			8.52%
176		5C	Demolition of existing garage and fuel tank on Ocean Drive	03/12/08	17,023.00	14,500.00		1,073.0	15,573.00	1,450.00	17,023.00			8.52%
177		5C	Temporary Ramps 2 near the Glasgow Church Road Construct Car Park	17/12/08	6,642.76	5,622.77		6,040.43	562.27	6,642.70				100.00%
178			Move site boundary fencing at Haymarket Car Park	17/12/08	849.53	719.00		777.30	71.23	848.53				100.00%
179			Starter Layer below Subsoil Level at Carrick Knowe	17/12/08	83,028.79	70,280.00		5,720.7	76,000.79	7,028.00	83,028.79			100.00%
180			Demolition of Access Steps to Haymarket Station Car Park	23/01/09	2,020.00	1,710.00		1,835.54	202.00					100.00%
192			Discovery of Cable & Wireless ducts - Chainage 108	22/01/09	161.10	136.39		111.10	147.68	13.64	161.10			100.00%
195			Additional TRC Drawings as SDS Letter dated 4th July 2008	22/01/09	3,550.18	3,024.00		223.7	3,247.70	302.39	3,550.18			100.00%
168		SA & C	Demolition of existing building at 133 Ocean Drive	02/03/09	5,857.70	4,989.52		369.2	5,358.74	498.96	5,857.70			8.52%
177		WSC	Hardstanding at Haymarket Yards	29/01/09	805.50	750.00		55.5	805.50	75.00	805.50			100.00%
084		SDS & WSC	NC005 Burnside Road Diversion - Fees for design (INF CORR.005)	03/02/09	720.00	613.29		656.6	61.31	720.00				4.700%
19		SDS	Road Construction Details - Construction Methodology Statements for	13/02/09	372,540.13	317,325.50		23,442.0	340,807.50	31,732.55	372,540.13			18.00%
269			Instructions arising from Transform Developer Workshop	13/02/09	371,057.99	316,063.00		23,388.6	339,451.66	31,606.30	371,057.96			8.52%
21		TM	Princes Street Construction Works closure to traffic during construction	13/02/09	6,546.55	5,576.28		412.6	5,968.92	557.62	6,546.55			100.00%
159		ALL	Removal of Provisional Sum Main Contract - Relocation Ancient Monuments	12/03/09	53,700.00					53,700.00				100.00%
141		SDS	West End Tramstop - revised requirements from CE/Cite	09/04/09	16,836.17	14,170.50		1,048.8	15,219.12	1,417.05	16,836.17			8.52%
		Depot	Monthly Track Monitoring Network Rail East Coast North Line / Gogar Depot	27/03/09	4,672.52	3,940.00		294.5	4,274.52	394.00	4,672.52			8.52%
173			Discovery of underground petrol tank at National Car Rental Site	07/04/09	4,813.40	4,100.00		303.4	4,403.40	410.00	4,813.40			8.52%
			Temporary Access Ramp from Depot	27/03/09	14,188.73	12,221.80		1,116.13	13,116.13	1,072.50	14,188.73			100.00%
		Depot	Additional excavated material at Depot	02/04/09	1,425,174.40	1,223,272.73		99,574.4	1,322,847.13	102,327.27	1,425,174.40			84.00%
			not concerning											
			Scottish Gas Networks - Trial Investigations to protect gas main at Culvert 2	29/04/09	14,123.44	11,943.61		1,000.00	12,925.09	1,198.36	14,123.45			100.00%
216		31	Discovery of alkathene water pipe above formation level - Chainage 265 RHS	29/04/09	538.57	458.79		492.7	45.88	538.57				100.00%
218			Discovery of 2 No. LV and 1 No. LV cables above formation level - 182 RHS	29/04/09	256.36	218.16		16.1	234.52	21.84	256.36			100.00%
		33	Discovery of Water connection pipework above formation level - 161 RHS	29/04/09	79.95	68.16		5.8	73.14	6.81	79.95			8.52%
223		1W	Discovery of stone culvert - Chainage 100 RHS	29/04/09	1,017.53	866.79		930.93	85.50	1,017.53				100.00%
225		35	Repairs required to footpath to allow pedestrian access - Chainage 170 RHS	29/04/09	283.05	239.59		183.0	259.09	23.96	283.05			100.00%
36			Relocate existing Control Box - Section 1W	29/04/09	1,109.59	945.13		1,015.0	94.51	1,109.59				100.00%
		Fairans	Gogar Castle Road tree felling	29/04/09	1,162.26	990.00		77.00	1,063.26	99.00	1,162.26			100.00%
		Fairans	Reinstatement access ramp at Gogar Depot	29/04/09	8,507.39	7,132.21		580.5	7,712.77	794.52	8,507.39			93.4%
		Fairans	Formation Level of Gogarburn Bridge West Abutment	29/04/09	11,556.63	9,728.22		796.50	10,528.60	978.22	11,556.83			100.00%
297		Fairans	Formation Level of Gogarburn Bridge East Abutment	29/04/09	7,260.04	6,162.22		537.38	6,699.60	710.44	7,260.04			100.00%
			Dye test and camera survey at Chainage 170 RHS	29/04/09	619.44	527.54		39.0	566.71	62.73	619.47			100.00%
328			Reinstatement slabbed footway following MJDA works	29/04/09	1,206.67	1,027.83		76.00	1,103.89	102.78	1,206.67			100.00%
43			Instruction to proceed with road surveys	02/06/09	89,050.01	65,011.86	11,552.08	4,864.8	82,448.82	6,601.19	89,050.01			100.00%
			Feasibility Study (Design Only) Fifth Ports access to ADM Milling	29/04/09	1,624.82	1,381.00		1,024.8	1,486.42	168.40	1,624.82			100.00%
45			Discovery of temporary pedestrian crossing lighting ducts	29/04/09	656.76	559.42		511.00	600.82	55.94	656.76			100.00%
193		46	Discovery of Hydrant in kerb line - Chainage 333 RHS	29/04/09	390.94	333.00		24.6	357.64	36.30	390.94			100.00%
184			Discovery of void around existing BT Duct - Chainage 360 RHS	29/04/09	167.41	142.60		133.84	153.15	14.26	167.41			100.00%
169		45	Demolition of Police Box Coffee Bar - Picardy Place	29/04/09	9,238.76	7,869.67		682.3	8,451.81	786.95	9,238.76			100.00%
		49	Install additional gull at Chainage 250 RHS	06/05/09	1,856.08	1,579.50		128.5	1,708.11	157.95	1,856.08			6.46%
			Survey of Existing Drainage (Near Landfill)	03/05/09	3,463.11	2,991.41		2,500.00	3,170.03	291.38	3,463.11			100.00%
		5C	As Underpass Phase 1 Piling Obstructions	01/05/09	4,015.08	3,420.00		253.0	3,673.00	342.00	4,015.08			100.00%
340		5C	Edinburgh Park Bridge South Abutment Base - Existing service (cable)	01/05/09	530.59	451.90		33.44	485.39	45.20	530.59			100.00%
390			Carrick Knowe chainage 520200 to 520240 - sub-grade improvement	15/05/09	84,700.11	71,699.73		5,835.9	77,530.66	7,169.47	84,700.15			100.00%
54/54a		SDS	Alteration of Design for the Forth Road	15/05/09	11,932.54	10,164.03		780.14	10,916.14	1,016.40	11,932.54			8.52%
			Scottish Power Utility Diversion near Murrayfield Station	05/06/09	6,889.80	6,188.50	1,217.55	814.8	7,020.95	766.85	6,889.80			100.00%
167		5A	Accommodation Works to Wanderers Clubhouse Building at Murrayfield	26/05/09	166,275.33	141,631.45		10,480.7	152,112.19	14,163.95	166,275.33			100.00%
338			Remove ornamental iron balls from Gogar Hill Depot	26/05/09	301.15	301.15		301.15	301.15	301.15				100.00%
042		SDS	Delay and Disruption to Ravenshaw Tramstop Landscaping	01/06/09	2,409.05	2,052.00		151.6	2,203.85	205.20	2,409.05			100.00%
392		5W	Pier 1 Base Formation - Section 5W	03/06/09	408.65	408.65		408.65	408.65	408.65				100.00%
336		WSC	Extension to Site Office for the SDS personnel	02/06/09	150,000.00	120,096.00	21,016.81	8,887.11	150,000.00	0.00	150,000.00			20.00%

Project: **Edinburgh Tram Network**

As per: **30/09/2009**



2.08a Approved Change Orders

INTC-Ref	TCO	Section	Description	Approval			Estimate						Remarks	
				Date	Amount	Budget for performance, design & estimate	Preliminaries	Consortium Fee	Total Budget	CH & P	Finance	W&M		Stage of Completion acc. to Perf Report
349	79	79	Traffic Management contingency for Emergency Utility Works	02/06/09	404.70	300.00	52.50	22.2	374.70	30.00	404.70	7.41%	100.00%	
350	79	79	Section 1C/1D - Additional MASS barriers on Great Stuart Street	02/06/09	915.27	678.48	118.74	50.0	847.42	67.85	915.27	7.41%	100.00%	
371	80	80	Sewer Diversion, Gogar Landfill	06/06/09	1,433.79	1,213.64	85.75	85.75	1,312.43	121.36	1,433.79	8.46%	100.00%	
380	80	80	Fanars Protected Slices mitigation measures	05/06/09	9,262.22	6,862.23	1,204.46	509.3	8,576.00	686.22	9,262.22	7.41%	100.00%	
273	80	80	Gogarburn Retaining Wall W14 - Redesign Water Mains and Gas Main	02/06/09	1,156.57	981.38	80.78	77.0	1,058.4	98.17	1,156.57	8.46%	100.00%	
200	80	10	Discovery of valves and a hydrant fouling the new kerb line - 120 RHS	10/06/09	407.80	457.83	80.12	30.0	571.83	40.78	612.61	7.41%	100.00%	
276	87	79	Temporary Traffic Lights opposite Manderson Street required	09/06/09	15,084.79	11,182.21	1,956.89	327.00	13,966.59	1,118.22	15,084.80	7.41%	100.00%	
243	88	88	Forth Ports Substation - lack of as built information	10/06/09	7,824.12	6,664.50	859.41	493.1	7,457.6	366.52	7,824.12	8.52%	100.00%	
290	89	79	Off peak Taxi Rank at George Street	10/06/09	2,213.71	1,641.00	287.18	121.42	2,049.61	164.10	2,213.71	7.41%	100.00%	
409	70	88	Forth Ports - New construction at Ocean Drive	10/06/09	2,817.60	2,400.00	177.6	177.6	2,577.60	240.00	2,817.60	8.52%	100.00%	
259	72	88	Cycleway at Edinburgh Park Station repositioned outwith the LDD	15/06/09	52,094.65	39,609.70	5,340.5	3,221.4	48,171.69	3,922.96	52,094.65	7.53%	29.00%	
171	73	73	Contract with Faber Maunsel for Transit and Line Modelling Assessments	16/06/09	64,309.00	48,043.00	8,407.53	3,555.1	60,005.71	4,809.29	64,809.00	7.41%	100.00%	
373	74	74	Fanars Transfer MUDFA Utility Diversion Sect. 5C Conflict Schedule 5C/TE/D/05	17/06/09	3,269.10	2,379.47	456.05	193.6	3,031.18	237.95	3,269.11	7.28%	100.00%	
375	74	74	Fanars Transfer MUDFA Utility Diversion Sect. 5C Conflict Schedule 5C/TE/D/05	17/06/09	855.81	622.91	118.8	50.7	793.52	62.29	855.81	7.28%	100.00%	
376	76	76	Graham Contaminated Soil assessment at Hainmarket Depot	11/06/09	48,543.77	35,985.00	6,297.38	2,662.8	44,945.2	3,598.50	48,543.77	7.41%	100.00%	
439	77	77	ALL SDS proposed office move to Edinburgh Park - IT costs	07/07/09	26,000.00	20,756.12	3,632.32	1,535.9	25,924.39	2,075.61	28,000.00	7.41%	100.00%	
2030	79	79	Depot Structural Steelwork	15/07/09	270,372.81	196,792.25	37,882.51	16,018.8	250,693.55	19,679.22	270,372.87	7.28%	100.00%	
2038	79	79	Depot Foundations	15/07/09	47,782.16	34,778.48	6,694.85	2,830.9	44,304.31	3,477.85	47,782.16	7.28%	100.00%	
421	81	81	Restatement to Bus Link	23/07/09										CG Value not issued - to be paid on Demonstrable Cost Basis
422	81	81	not concerning											
423	81	81	TM-1C Replace MASS barriers at St Andrews Square	14/08/09	22,896.58	16,973.00	2,970.28	1,256.0	21,199.28	1,697.30	22,896.58	7.41%	81.00%	
438	83	83	not concerning											
475	84	84	West Pilton Tram stop	29/07/09	859.37	732.00	119.8	50.7	786.1	73.20	859.37	8.52%	100.00%	
476	85	85	Provide local protection of sewer at Chainage 7.11990	31/07/09	2,696.95	1,999.22	349.86	147.84	2,497.02	199.93	2,696.95	7.41%	100.00%	
179	88	88	Gatehouse Works to Murrayfield Stadium Part 1	08/08/09	143,493.91	122,226.50	10,044.7	9,044.7	131,271.26	12,222.65	143,493.91	8.52%	38.00%	
180	87	87	not issued yet											
181	87	87	not issued yet											
182	89	89	Leith Walk (Section 10) Groundworks - Move THUS ducts - Ch 345 - 385	11/09/09	6,562.03	4,864.31	651.25	359.9	6,075.80	486.44	6,562.04	7.41%	100.00%	
202	89	89	Fanars IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	09/09/09	19,368.47	9,730.32	1,873.08	792.0	12,395.45	673.02	19,368.47	7.28%	-5.00%	
401	92	92	Additional earthworks to western approach embankment at Gogarburn Bridge	13/04/09	36,616.19	26,651.24	5,130.37	2,169.41	33,951.06	2,665.13	36,616.19	7.28%	100.00%	
2030	93	93	Secondary Steelwork	17/08/09	2,355.95	1,714.79	330.10	139.5	2,184.4	171.48	2,355.95	7.28%	100.00%	
402	93	93	Access at Newmillston	20/04/09	5,827.59	4,282.94	764.59	331.7	5,999.30	428.29	5,827.59	7.35%	100.00%	
115	88	88	IFC Drawing Change Carrickknowe Bridge	27/08/09										
116	88	88	IFC Drawing Change Cathedral Lane Sub Station	31/04/09	1,229.73	1,040.91	84.7	34.7	1,125.64	104.09	1,229.73	8.46%	100.00%	CG Value not issued - estimate was referred to Dispute Resolution Procedure
407	87	87	Hard material within Gogar excavation	02/09/09	35,806.89	26,062.22	5,015.98	2,121.4	33,200.67	2,606.22	35,806.89	7.41%	100.00%	
408	88	88	Reference ETN002 Edinburgh Park Structure (S27) Earthworks/Foundations	04/09/09	52,388.71	37,750.58	7,302.5	3,050.3	48,613.64	3,775.07	52,388.71	7.41%	100.00%	
337	88	88	Restoration to carriageway at Leith Walk	03/09/09	15,452.46	11,454.72	2,004.58	807.88	14,306.98	1,145.48	15,452.46	7.41%	100.00%	
409	100	100	not concerning											
101	79	79	not issued yet											
102	79	79	not issued yet											
103	79	79	not issued yet											
104	79	79	not issued yet											
105	79	79	FC Changes September 2009		3,430.43	2,922.00	218.82	87.82	3,138.23	292.20	3,430.43	8.52%	100.00%	
TOTALS:					11,555,904.49	9,718,868.86	49,521.13	643,285.24	10,411,675.22	1,144,229.25	11,555,904.50	9.90%		

2.08b Unapproved Changes

INTC Ref	TCO	Section	Description	Assessment			Status			Working Estimate						Remarks			
				Maximum	assessed	Maximum	Submitted	to be submitted	In principle agreed, but not approved	not agreed	Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4%	Total Budget	Revenue		Stage of Completion acc. to Perf Report		
		Delay Only	FoW to Balfour Street IFC Drawings (As 68)																
		Delay Only	Haymarket to Roseburn Junction - SW Consent Issue (As 68)																
		Graham	Russell Road Retaining Wall - Contamination Hogweed	5,000.00				5,000.00											
074a		Farrans	Sewer Diversion, Gogar Landfill	25,000.00	20,000.00	15,000.00		25,000.00											
		Depot	Temporary Access Ramp from Depot	183.46	183.46	183.46	183.46												
		SDS WSC Depot	Gogar/Depot Public Tramstop proposals GRP options 4B & 4C2	3,000,000.00				400,707.33	2,599,292.67									part approved (see 2.08a) figures here concerning not approved portion	
077		SDS SC	DESIGN ONLY to Amend line of routes (in section 5/c) (Watch 5/22)	57,592.65	5,366.54	5,366.54	57,592.65			5,366.54									
076		SDS	Design only for alterations to design of Edinburgh Airport	48,620.04	46,000.00	40,000.00	48,620.04					2,836.44	41,166.96	3,833.05	45,000.00	8.52%	99.00%		
		SDS	Instruction from CEC to design an alternative layout for Haymarket Junction	52,167.65	45,000.00	35,000.00	52,167.65												
		SDS	Gogarburn Retain Wall - CEC requesting change to finish of the wall	10,000.00	4,500.00	4,998.89		5,001.11											
		SDS	Environmentally Friendly Lighting - CEC have requested using 42 p/l lamp	11,009.77	10,000.00	8,000.00	11,009.77												
			Contamination - fly tipping	4,000.00	2,500.00	1,500.00		4,000.00											
			TNC 004 - Lindsey Road Retaining Wall Cost Estimate	1,047,782.70	850,000.00	750,000.00	1,047,782.70												no further action under this INTC Ref.
			Request for Extended Period of Time - TNC 010	9,966,838.83	5,000,000.00	2,500,000.00		9,966,838.83											
			Review of the current Phase 1a																not concerning WSC/SDS
		1a	Balfour Street Crossing	9,241.73	9,000.00	8,000.00	9,241.73					7,666.10	8,233.39	766.61	9,000.00	8.52%	100.00%		
			Design the Russell Road retaining wall																no further action under this INTC Ref.
093		SDS WSC	Lindsay Road Ocean Drive Ocean Terminal Tower Place Planning Permission	47,637.40			47,637.40												
094		SDS	Hilton Hotel Full Planning	10,975.73			10,975.73												
			Standwick Place DED - Interim Treatments	335,213.73	300,000.00	250,000.00	335,213.73												no further action under this INTC Ref.
			Balfour Road Bridge Amending Technical Design	2,893.91	2,750.00	2,500.00	2,893.91												
098		Delay Only	Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5.																
099		Delay Only	Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5.																
100		Delay Only	Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5.																
101		Delay Only	Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5.																
			Section SC - Gogar Church and Gogar Castle	2,000.00				2,000.00											
103			IFC Drawing Changes - A8 Underpass	764,805.41	800,000.00	500,000.00	624,694.40												
104			IFC Drawing Change - A10 Drive RTW	1,917,183.82	1,750,000.00	1,500,000.00	1,917,183.82												
105			IFC Drawing Change - Balfour Road Retaining Wall	800,975.96	700,000.00	600,000.00	800,975.96												
106			IFC Drawing Change - Murrayfield Stadium RTW	1,500,000.00	1,250,000.00	1,000,000.00		1,500,000.00											
107			IFC Drawing Change - Bankhead RTW	716,756.00	550,000.00	450,000.00	716,756.00												
108			IFC Drawing Change - Gyle Stoop RTW	156,200.54	125,000.00	100,000.00		156,200.54											
109			IFC Drawing Change - Murrayfield Underpass	134,298.71	100,000.00	75,000.00	134,298.71												
110			IFC Drawing Change - South Gyle Access Bridge	875,408.92	550,000.00	450,000.00		875,408.92											
111			IFC Drawing Change - Gogarburn Bridge	290,824.79	250,000.00	200,000.00	290,824.79												
112			IFC Drawing Change - Haymarket Viaduct	399,727.77	253,995.54	263,995.54	399,727.77												
113		Graham	IFC Drawing Change - Russell Road Bridge	60,000.00	-75,000.00	80,000.00		-60,000.00											
114			IFC Drawing Change - Roseburn Viaduct																
115		5A	IFC Drawing Change - Carricklewee Bridge	299,646.62	71,757.37	71,757.37	299,646.62												CO issued w/o value - referred to Dispute Resolution Procedure
116		5A	IFC Drawings Water of Leith Bridge	46,203.94	41,000.00	30,000.00		46,203.94											
117			Extra Demolition required at Russell Road Retain Wall	20,000.00	15,000.00	12,500.00		20,000.00											
119		1a	IFC Drawing Change - Leith Walk Sub Station	15,000.00				15,000.00											
120		Delay Only	IFC Drawings Demolition & reinforcement existing building for Leith Walk Sub																
121		ALL	Urban Traffic Controls (UTC) associated with delivery of the alignment	3,306,280.00	2,500,000.00	2,000,000.00	3,306,280.00												
122		Delay Only	Delay in receipt of CEC prior approval Sections 1A1 & 1A2																
123		SDS	Forth Piers Agreement and Design Completion	55,641.90	40,000.00	30,000.00	55,641.90												
124		5A	Requirement for Contractors License for Network Rail Related Works	1,136,898.35			1,136,898.35												
125			Unforeseen Ground Conditions at Haymarket Viaduct																100.00%
126			Review design for CEC prior approval Sections 1A1 & 1A2																no further action under this INTC Ref.
127		5A	Split Packages for Prior Approvals - Ocean Terminal to Port of Leith	5,733.82			5,733.82												
128			CEC Request for Extension of Time for Prior Approvals - Leith Park Station																no further action under this INTC Ref.
129		Delay Only	CEC's Request for Extension of Time for Prior Approvals 1/01a, 1/01b, 1/01c																
130		Delay Only	Delay to issue of IFC Drawings for Ingliston Park and Ride Tram Stop																
131		Delay Only	Delay to Section 1a due to MUDFA not having completed its works.																
132			Water Mains Relocate (Pump)																no further action under this INTC Ref.
133			TRA																
134			Lighting Columns required to be relocated at A8 Underpass																
135		5A	Balfour Road - Demolition of Railway Structure																
136			Priority Road design and additional works to Roseburn Daytime																no further action under this INTC Ref.
137		5A	Section 1A1 and 1A2 - CEC's proposed amendments to free build-outs	13,536.00				13,536.00											
138		5A	Design the piled foundations to the Water of Leith Bridge	32,514.52	30,000.00	27,500.00	32,514.52												
139		SDS	Revised location of OLE poles in Section 1A at the request of CEC.	8,071.84	3,000.00	2,000.00	8,071.84												

2.08b Unapproved Changes

INTC-Ref	TCO	Section	Description	Assessment			Status			Working Estimate							Remarks		
				Maximum	assessed	Marked	Submitted	to be submitted	In principle agreed, but not approved	not agreed	Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4%	Total Budget	10-6+9	11		12+10+11	13- 11/12
200			Leith Walk Christmas Embankment	250,037.69	217,601.00	125,000.00	250,037.69			250,037.69	185,350.40		13,715.9	199,086.33	16,535.06	217,601.3	8.52%	100.00%	covered in INTC 295
209		TM 1B	FC Drawing changes - McDonald Road and Balfour Street Tram Stops	2,000.00	1,500.00	1,000.00		2,000.00											
210			FC Drawing changes - Road, Lighting/Landscaping and Drainage Sect. 1B	250,000.00	200,000.00	150,000.00		250,000.00											
211		Graham	FC Drawing changes - Haymarket Tram Stop	2,000.00	1,500.00	1,000.00		2,000.00											
212		Graham	FC Drawing changes - Roads, Street Lighting/Landscaping and Drainage	408,024.75	350,000.00	250,000.00		408,024.75											
213		Graham	FC Drawing changes - Haymarket Station Substation	5,000.00	4,000.00	2,500.00		5,000.00											
214			Discovery of stone culvert - Ch 145 - CH160																no further action under this INTC Ref.
215		1B	Demolition and alteration of existing Bus Depot at Leith Walk	251,676.92	200,000.00	175,000.00	251,676.92			251,676.92									
216		1B	Discovery of 11th ducts above formation level and fouling kerb line - 250RHS																
217			Discovery of Hydrant above formation level - Ch 145 - 125 RHS		250.00	200.00		300.00											
218			Discovery of valves and a hydrant fouling the new kerb line - 125 RHS		109.65	109.65	227.39			227.39									partially approved (see 2.08a); figures here concerning not approved portion
223	34		Discovery of stone culvert - Ch 145 - 100 RHS	2,168.46	1,482.47	982.47	2,168.46			2,168.46									partially approved (see 2.08a); figures here concerning not approved portion
226		Depot	Operational Design Review of Depot - changes arising	30,000.00	25,000.00	20,000.00		30,000.00											
227		Graham	Operational Design Review of Haymarket - changes arising	31,010.51	25,000.00	22,500.00	31,010.51			31,010.51									
228		SDS	Relocation of bus stop outside LOD at Princes Mall	5,940.65			5,940.65			5,940.65									
229		1C	Readily Placed stall changes																
230		1A	FC Drawing Changes - Tower Bridge Structure	595,356.22	-384,466.30	-384,466.30	595,356.22			-384,466.30									
231		1C	FC Drawing Changes - Section 1C drainage	933,883.43	750,000.00	600,000.00		933,883.43											
232		1C	FC Drawing Changes - Section 1C road design	20,000.00	15,000.00	10,000.00		20,000.00											
233		1C	FC Drawing Changes - Section 1C lighting layout	25,000.00	20,000.00	10,000.00		25,000.00											
234			Leith Walk (Section 1B) Groundworks - Move BT ducts Ch 345 - 365																
235		Farrins	Options for drainage outfall consent at the Airport	3,000.00	2,500.00	2,000.00		3,000.00											
236		1B	Additional Trial Holes at CH145 - CH160 (Section 1B)		400.00	350.00													100.00%
240		1B	Removal and Reinstatement of T-Phone Box	6,267.46			6,267.46			6,267.46									
241		Delay Only	MUDFA has commenced works on Bankhead Dr preventing Intracon progress																
242		ALL	TFO Presentations by SDS to the public during September 2006	75,000.00	20,000.00	20,000.00		75,000.00											
244		1B	Buildin - Fixing Owner Agreements - Info required due to Court Proceedings	17,193.23	17,193.23	16,000.00		17,193.23											
246		Delay Only	Notified Departure due to the issue of SDS Design programme V36																
247		Delay Only	Notified Departure due to the issue of SDS Design programme V37																
248		Delay Only	Notified Departure due to the issue of SDS Design programme V38																
249		Delay Only	Notified Departure due to the issue of SDS Design programme V39																
250		1B/C	Leith Walk Ch 145/100/350 add work carried out during "embankment" period	66,032.40	55,000.00	30,000.00	66,032.40			66,032.40									
251		1C	FC Drawing Changes - Section 1C OLE Layout	5,000.00	-4,000.00	2,500.00		5,000.00											
252		1C	FC Drawing Changes - Section 1C Track Horizontal Alignment	2,500.00	2,000.00	1,500.00		2,500.00											
253		1C	FC Drawing Changes - Section 1C Track Vertical Alignment	4,257.05	3,000.00	2,000.00		4,257.05											
264		1C/D	Removal by others of materials from central reserve on Princes Street	5,754.89	-4,000.00	-3,000.00													no further action under this INTC Ref.
265																			no further action under this INTC Ref.
266		SDS	Future Proofing on behalf of Newlyn Island Highland Properties Ltd	1,214,800.61	1,150,000.00	1,047,953.67	1,214,800.61			1,047,953.67									
269		SDS/5B	Cycleway at Edinburgh Park Station repositioned outside the LOD	6,748.06			6,748.06			6,748.06									
260	36	1B	Relocate existing Control Box - Section 1B		24.61														partially approved (see 2.08a); figures here concerning not approved portion
261			FC Drawing Changes - Section 1B - Balfour Street Tram Stop	2,500.00	2,000.00	1,500.00		2,500.00											
262			FC Drawing Changes - Section 5B - Track Drainage	1,440,422.16	1,250,000.00	1,000,000.00	1,440,422.16			1,440,422.16									
263		1A	FC Drawing Changes - Section 1A - Victoria Dock Bridge	5,000.00	4,000.00	2,500.00		5,000.00											
264		1A/C/D	FC Drawing Changes - Earthworks General Arrangement - Section 1	5,000.00	4,000.00	2,500.00		5,000.00											
265		Graham	Accommodation Works Section 2A Access Retaining Wall	72,461.88	18,039.07	18,039.07	72,461.88			18,039.07									
267		1C	Carry out Scottish Water Diversion at Gogar Roundabout	102,170.00	60,000.00	39,537.38	102,170.00			39,537.38									
268		1C	Carry out Scottish Water Diversion at Gogar Roundabout	13,049.95	11,222.00	10,000.00		13,049.95											
270		1C	RMS Tamstop - Estimate diversion LV Power and Water crossing tram track	5,628.29	5,000.00	4,000.00	5,628.29			5,628.29			4,268.94	4,574.11		5,000.00	8.52%	100.00%	
275		1C	EAL Tamstop - BAA Interface	5,628.29	5,000.00	5,000.00	5,628.29			5,628.29			376.11	5,466.93	511.07	6,000.00	6.52%	93.00%	
276			SDS Design changes to the site between Haymarket and Edinburgh																
277		SDS	Airport Tamstop Canopy 11th options	50,428.00	49,982.00	47,500.00	50,428.00			50,428.00			42,574.10	3,150.40	45,724.58	4,267.42	49,982.00	10.00%	
278		1A	Wider Area Modelling Proposals																
280			Change to demarcation requirements	26,881.08			26,881.08			26,881.08									
281		1C	Revised proposals for Cathedral Lane Sub-station	250,000.00			250,000.00			250,000.00									
282		Graham	Request for instruction to deal with Japanese Knotweed - Retaining Wall W4	24,262.75	20,000.00	15,000.00	24,262.75			24,262.75									
283			Edinburgh Park Bridge (S27) - Pier 3 Base Formation	10,675.77	9,000.00	7,500.00		10,675.77											
284		Graham	Russel Road Retaining Wall 4 - Options Report																
285		Delay Only	Notified Departure due to the issue of SDS Design programme V40																
286		1C/D	Princes Street - Change to specification - full depth reconstruction																
287		SDS	Forth Ports Traffic Signal - Section 1A4 - Widened Crossing required	9,577.49	6,500.00	7,500.00	9,577.49			9,577.49			7,240.20	535.70	7,775.98	8,500.00	8.52%	15.00%	

2.08b Unapproved Changes

INTC Ref	TCO	Section	Description	Assessment			Status			Working Estimate							Remarks		
				Maximum	assessed	Maximum	Submitted	to be submitted	In principle agreed, but not approved	not agreed	Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4%	Total Budget	10-11	Revenue		12-13	14
292		1A	Additional Ramp / Steps at Lindsay Road Reinforcing Wall - Section 1A4	7,500.00	5,000.00	4,000.00		7,500.00											not concerning UK/SDS
294		1A	Reinstate access ramp at Gogar Depot	423.62		70.76	423.62		423.62										partly approved (see 2.08a); figures here concerning not approved portion no further action under this INTC Ref.
299		1A	IFC Drawing Changes - Edinburgh Park Bridge (Piers, bearings)	122.56			122.56												not concerning UK/SDS
300		1A	Network Rail's requirement for CAT 3 checking	250,000.00			250,000.00												partly approved (see 2.08a); figures here concerning not approved portion no further action under this INTC Ref.
301		1A	Develop diversionary route from Princes Street to George Street/Queen Street	147,907.57	120,256.94	120,256.94	147,907.57		120,256.94	27,650.63	89,145.25	15,600.42	6,596.71	111,342.42	8,914.52	120,256.94	100.00%		
302		Graham	Protection of live utilities at Russell Road Bridge during construction	5,000.00				5,000.00											not concerning UK/SDS
304		Graham	Provisional Sum for Extra Over for Shell Gipsa JUNCTIONS	1,043,660.04	1,021,733.95	1,021,733.95	1,043,660.04		1,021,733.95	22,146.69									not concerning UK/SDS
305		1C	Gravelly Tunnel - insufficient ground cover	5,000.00	4,000.00	5,000.00		5,000.00											
306		1C	Underground structure Leith Walk railway Tunnel - insufficient ground cover	10,000.00	5,000.00	10,000.00		10,000.00											
308		1A	Additional excavation at Carrick Knowe South Abutment	39.12			39.12												
309		1A	Edinburgh Park Bridge (S27) - South Abutment Base Formation	18,054.37	15,000.00	7,525.82	18,054.37		7,525.82	10,527.55									100.00%
310		Farrans	Gogar landfill Scottish Water Utility Diversion	23,194.66	20,000.00	15,000.00	23,194.66												
311		1A	IFC Drawing Changes - Section 1A - Drainage	10,000.00	7,500.00	5,000.00		10,000.00											
312		1A	IFC Drawing Changes - Leith Walk	5,000.00	4,000.00	2,500.00		5,000.00											
313		Farrans	IFC Drawing Changes - Section 7 Soft Landscaping	643,050.94	500,000.00	400,000.00		643,050.94											not used (yet)
314		Farrans	IFC Drawing Changes - Sect 7 Track Vertical and Horizontal Alignment	345,593.30	250,000.00	175,000.00	345,593.30			345,593.30									
315		Farrans	IFC Drawing Changes - Drainage - Gogarburn to Airport	1,350,077.74	1,000,000.00	750,000.00	1,350,077.74			1,350,077.74									
316		1D	Princes Street IFC Drawing Changes	200,000.00	150,000.00	100,000.00		200,000.00											
317		Farrans	Earthworks Quantity variances betw IFC Trackwork Drawings and MX Data	10,000.00	7,500.00	5,000.00		10,000.00											not used (yet)
318		1A	IFC Drawing Changes - Edinburgh Park Bridge																no further action under this INTC Ref.
319		1A	Shandwick Place TRO Signage	6,365.66	8,000.00	7,500.00	6,365.66		6,365.66										
320		1C	Proposed CE changes to demarcation requirements																
321		1C	Revised alignment to Pearly Place, York Place and London Road Junctions	298,291.39	250,000.00	200,000.00	298,291.39		298,291.39										
322		1A	Carrick Knowe Underbridge Obstructions	2,744.74			2,744.74												
323		1A	A2 Underpass Phase 1 Pile Toe Levels	34,319.39			34,319.39												
325		SDS	Advertisement Consents	268,778.50			268,778.50												
326		1A	Expose existing gully connections at Chalmers 272/326 RHS	3,704.66			3,704.66												100.00%
327		1A	Dye test and camera survey at Chalmers 170 RHS	23.95	3.11	3.11		23.95											partly approved (see 2.08a); figures here concerning not approved portion
328		1A	Reinstate slabbed footway following MUDFA works			12.43	95.85												partly approved (see 2.08a); figures here concerning not approved portion
329		1A	Breakout/foamed concrete backfill	7,325.76			7,325.76		7,325.76										
330		Delay Only	Partial Handover Of Depot Site																
331		1A	Change to route of footpath/cycleway adjacent to A2 and Gogarburn tram stop	25,000.00	20,000.00	15,000.00		25,000.00											
332		1A	Remove ornamental iron balls from Gogar Hill Depot																no further action under this INTC Ref.
335		5C	IFC Drawing Changes - Track Drainage Section 5C	1,189,259.27	900,000.00	750,000.00	1,189,259.27		1,189,259.27										
338		1A	Remove ornamental iron balls from Gogar Hill Depot	149.27		72.07	149.27												partly approved (see 2.08a); figures here concerning not approved portion
339		1A	Remove steel beam from Gogar Hill Depot																no further action under this INTC Ref.
341		1C	Princes Street - Reinforced Concrete slab above Track Box	100,000.00	75,000.00	50,000.00		100,000.00											
342		1A	Transfer of private utility diversions from MUDFA at Edinburgh Park	247,263.24	200,000.00	175,000.00	247,263.24			247,263.24									
343		1A	Street Lighting - Height of poles	2,494.75	2,100.00	1,800.00	2,494.75		2,494.75		1,766.76	192.31		1,921.12	176.88	2,100.00	6.52%	100.00%	
344		1A	MUDFA use of Hippo Wheel Wash	1,000.00			1,000.00												no further action under this INTC Ref.
345		5B	Edinburgh Park Bridge Structural Fill	106,526.86			106,526.86		106,526.86										
347		1A	Traffic Flow and remodelling at Lothian Road Junction	4,000.00			4,000.00												
348		TM	Sect 1D - Additional Signs on Queen Street	265.56			265.56												100.00%
353		1C/D	Additional Measures at George Street	4,815.93	4,200.00	3,500.00	4,815.93		4,815.93										no further action under this INTC Ref.
354		1C/D	Provide Corex signs and double yellow lines on George Street	3,062.23			3,062.23												
355		1C/D	Additional Signage at George Street/St Andrews Square	2,954.31			2,954.31												
356		1C/D	Replace MASS barriers at George Street, Hanover Street and Frederick Street	2,536.48			2,536.48		2,536.48										
357		1C/D	Trial Holes in Princes Street - Site Investigation	75,000.00	75,000.00	75,000.00		75,000.00		75,000.00				75,000.00	75,000.00			100.00%	
358		1C/D	Trial Holes in Princes Street - Complete Estimate	256,109.00	175,000.00	125,000.00		256,109.00											
359		Delay Only	Incomplete MUDFA Works at the Princes Street/Muirfield Junction	15,000.00	12,500.00	10,000.00		15,000.00											
362		1D	Haymarket Junction - Underground Chamber at Clifton Terrace																
363		5C	Edinburgh Park Bridge - Approach Ramps additional earthworks	225,718.63	198,000.00	158,000.00	225,718.63		158,000.00	67,718.63									
363		1C/D	Traffic Management - Provide Wider Area Signage to Princes Street	11,896.67			11,896.67												
364		5C	New Manhole (MH1) at Leith Walk	1,496.23	665.68	665.68	1,496.23		665.68	832.35				609.78	665.68	6.42%	100.00%		
365		1A	Edinburgh Park Bridge East Abutment - excess ground water	3,863.54			3,863.54		3,863.54										no further action under this INTC Ref.
367		Graham	Haymarket Station - Network Rail Access Doorway	2,500.00	2,000.00	1,500.00		2,500.00											

2.08b Unapproved Changes

INTC Ref	TC2	Section	Description	Assessment			Status				Working Estimate						Remarks	
				Maximum	assessed	Maximum	Submitted	to be submitted	In principle agreed, but not approved	not agreed	Budget for performance, design & estimate	Other Prelims 17.5%	Consortium Fee 7.4%	Total Budget	Q109	Revenue		Q110
368		5A	Demolish all Structures on Plots nos.97 and 102 near Roseburn Street	25,000.00	20,000.00	15,000.00		25,000.00										
369		5C	Maintain Thus and G & W services and dismantle water main at Underpass	10,000.00	7,500.00	5,000.00		10,000.00										
370		5C	Existing Ground levels at Edinburgh Park Bridge	88,296.76	65,000.00	50,000.00		88,296.76										
371		5C	Transfer MUDFA Utility Diversion Sect. 5C Conflict Schedule 5C/IT/D/05	639.33				639.33										
372		5C	Transfer MUDFA Utility Diversion Sect. 5C Conflict Schedule 5C/TE/D/05	1,676.71		730.90		1,676.71										
373		5C	IFC Drawing Changes - Soil Nailing and Earth Treatment Gogar Landfill area	601,543.49	500,000.00	400,000.00		601,543.49										
374a		5C	Additional monitoring and testing to landfill area	70,024.90	50,000.00	35,000.00		70,024.90										
375		5C	Revised OLE foundation and layout to Section 1	73,526.45	55,000.00	60,000.00		73,526.45										
376		5C	Redesign of OLE poles foundations due to increased loadings - Line 2	65,723.13	75,000.00	65,000.00		65,723.13										
377		5C	Amend OLE system design documents	7,643.91	7,500.00	7,000.00		7,643.91										
378		5C	Amend site wide OLE Building lifting loads and layout drawings	7,349.24	7,250.00	7,000.00		7,349.24										
379		5C	Combined OLE Pole Lighting poles	55,485.59	52,500.00	50,000.00		55,485.59										
380		5C	Amend OLE fixings at Depot Access Bridge	23,512.87	22,500.00	21,000.00		23,512.87										
381		1C	Section 1C/1D - Charlotte Square West End On Parking	2,954.31				2,954.31										
382		1C	Section 1D - Bus Gate at Shandwick Place	3,398.06				3,398.06										
383		1C/D	Section 1C/1D - Princes Street Rhino Barrier	1,000.00				1,000.00										
384		1C/D	Section 1C/1D - Saturn Studs at Georlie Street and Frederick Street	60.26				60.26										
385		1C/D	Section 1C/1D - Additional Traffic Management at Princes Street	1,000.00	750.00	500.00		1,000.00										
386		1C	Section 1C - Bus Stand at St Andrews Square	1,000.00	750.00	500.00		1,000.00										
387		1C	Section 1C - VMS Signs on Princes Street Contingency Route	1,000.00	750.00	500.00		1,000.00										
388		1C/D	Section 1C/1D - Production of As Built Drawing for Princes Street Diversion	1,000.00				1,000.00										
390	53	5C	Carriac Krowe chainage 520200 to 520249 - sub-grade improvement	13,401.39	13,401.39	13,401.39		13,401.39										
391	12/C	5C	Access to Leith Walk from 19/03/09															
392		5C	Access to Leith Walk from 19/03/09															
393		5C	Access to Leith Walk from 19/03/09															
394		5C	Access to Leith Walk from 19/03/09															
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439		5C	Access to Leith Walk from 19/03/09															
440		5C	Access to Leith Walk from 19/03/09															

2.08b Unapproved Changes

MTC Ref	YCD	Section	Description	Assessment			Status				Working Estimate							Remarks		
				Maximum	assessed	Minimum	Submitted	to be submitted	In principle agreed, but not approved	not agreed	Budget for performance, design & estimate	Other Prelims 17.5%	Contingium Fee 7.4%	Total Budget	OH&F	Revenue	NPV		Stage of Completion acc to Perf Report	
				1	2	3	4	5	6	7	8	9	10	11	12+10+11	13 - 11/12	14			
447		5A	Carriek Knowe works out with the LOD	4,323.55	4,000.00	3,500.00	4,323.55					4,323.55								
448		5A	Utilities conflicts within 1.2 metre clearance zone	50,000.00	30,000.00	20,000.00		50,000.00											not concerning UK/SDS	
449		5A	Site Wide Contamination	75,000.00	60,000.00	50,000.00		75,000.00												
442		5A	Track Drainage - Section 5A	71,936.55	60,000.00	50,000.00	71,936.55													
443		Delay Only	Notified Departure due to the issue of SDS Design programme V44																	
444		Delay Only	Notified Departure due to the issue of SDS Design programme V45																	
445		Delay Only	Notified Departure due to the issue of SDS Design programme V46																	
446		Graham	Roseburn Delta Junction Landscaping	10,000.00	7,500.00	5,000.00		10,000.00												
447		1C	Revised CLE location due to Scottish Power - Princes St station 121995	3,000.00	2,000.00	1,500.00		3,000.00												
448		5A	Change to street lighting at Haymarket Terrace	3,000.00	2,000.00	1,500.00		3,000.00												
449		5A	5AA New Burnside Road Alignment	10,000.00	7,500.00	6,000.00		10,000.00												
451		5A	Stage D Drawings for Tram Stops	5,000.00	4,000.00	3,000.00														
452		5A	5A Drainage to Guided Busway (IL)																not concerning UK/SDS	
453		5A	5A Drainage to Guided Busway (IL)																	
454		5A	Alteration of traffic management at Lothian Road Junction	5,000.00	4,000.00	3,000.00		5,000.00												
455		5A	Proposal for treating Giant Hogweed at Edinburgh Park Central	25,000.00	20,000.00	15,000.00		25,000.00												
456		ALL	Re-use of existing kerbs	20,000.00	15,000.00	10,000.00		20,000.00												
457		5A	Edinburgh Park Bridge - revision to reinforcement to parapets	15,000.00	12,500.00	10,000.00		15,000.00												
458		5A	Revised Junction Layouts - Section 1A																	
459		ALL	TRO changes - Informal consultation	91,501.56	75,000.00	60,000.00		91,501.56												
460		ALL	TRO changes - Informal consultation - impact on IFC Drawing issue dates	187,901.75	150,000.00	120,000.00		187,901.75												
461		1A	Forth Ports Substation - redesign	50,000.00	40,000.00	30,000.00		50,000.00												
462		5A	Network Rail turning head lighting	10,000.00	7,500.00	5,000.00		10,000.00												
463		5A	Forth Ports drainage approval	5,000.00	4,000.00	3,000.00		5,000.00												
464		5A	Gogarburn Retaining Walls W14 and W15 - Survey and burn migration	50,000.00				50,000.00												
465		5A	Redesign of Drainage at 5AA/CCRC Interface	10,000.00	7,500.00	5,000.00		10,000.00												
466		5A	Changes to TRO 1 Drawings	10,000.00	7,500.00	5,000.00		10,000.00												
467		5A	5AA Drainage at Depot	20,000.00	15,000.00	10,000.00		20,000.00												
468		5A	Underground Chamber - West Midland Street	50,000.00	40,000.00	30,000.00														
469		5A	Utility Diversions associated with Lindsay Road	50,000.00	40,000.00	30,000.00		50,000.00												
470		1A	Accommodation on Works - Relocate Access steps at 33 Ocean Drive	10,000.00				10,000.00												
471		5A	IFC drawing changes - Section 5A - Ducting and Cable Routes	768,965.31	600,000.00	500,000.00		768,965.31												
472		5A	Developed kinematic envelope (DKE) check	15,118.77	12,500.00	10,000.00	15,118.77			10,647.36					787.91	11,435.28	1,064.74	12,500.00	8.52%	20.00%
473		5A	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	100,000.00	90,000.00	80,000.00		100,000.00												
474		5A	Additional manhole requirement - Section 5A	8,847.79	7,000.00	6,000.00		8,847.79												
475		5A	reserved for C Fuller	99,950.27	75,000.00	60,000.00	99,950.27													
476		5A	Tram Stops Development Workshop	25,000.00	20,000.00	15,000.00		25,000.00												
477		ALL	Sub Station Development Workshop - changes arising	25,000.00	20,000.00	16,000.00		25,000.00												
478		5A	issued to Closeout CEC Roads TAA Sign CHG	2,000.00	1,500.00	1,000.00		2,000.00												
479		5A	Proposed sewer lining at Water of Leith Bridge	10,000.00	7,500.00	5,000.00		10,000.00												
480		5A	Approach and Protection (T. Gilchrist)																	
481		5A	Tower Place bridge bespoke parapet																	
482		5A	CEC's request for a turning head at Depot	10,000.00	7,500.00	5,000.00		10,000.00												
483		ALL	Changes to sub-stations arising from development workshops	25,000.00	20,000.00	15,000.00		25,000.00												
484		5A	Gulvert 1 - Excavation below formation level	25,000.00	20,000.00	15,000.00		25,000.00												
485		5A	Manderston Street operational track crossover	25,000.00	20,000.00	15,000.00		25,000.00												
486		5A	Gogar Depot South embankment reinstatement and associated drainageworks	50,000.00	40,000.00	30,000.00		50,000.00												
487		ALL	Development workshop for drainage - changes arising	20,000.00	15,000.00	10,000.00		20,000.00												
488		5A	Piling obstructions encountered at guided busway	20,000.00	15,000.00	10,000.00		20,000.00												
490		5A																		
491		5A	Diversion of cables at Tower Place bridge	10,000.00	7,500.00	5,000.00		10,000.00												
492		5A	Other Prelims, additionally submitted, but not yet approved	338,620.13	338,620.13	338,620.13	338,620.13													
TOTALS:				77,551,379	37,492,557	29,218,804	53,969,845	27,220,172	8,174,681	45,795,166	1,264,591.56	416,341.41	89,465.72	1,770,398.69	118,957.62	1,889,356.31	6.30%			

Sum for Performance Sheet "Claims & Variations submitted & approved" = 53,969,845
 Sum for Performance Sheet "Claims & Variations under preparation" = 81,190,017
 sum = maximum potential of changes = 135,159,862

Project: **Edinburgh Tram Network**
 as per: **30/09/2009**



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								0				
May-08	ACCLUM	500,000	21,389,899	19,100,000	-2,289,899	0	0	0	19,100,000	30/06/2008		0	
2	MONTH	1,052,000	2,414,100	2,289,899	-124,201	0	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	0	21,389,899	11/08/2008	04/07/2008	19,100,000	
3	MONTH	-1,552,000	-23,803,998	-21,389,899	2,414,100	0	0	0	-21,389,899			2,289,899	
4	MONTH	4,348,256	26,720,722	25,784,259	-936,463	0	0	0	25,784,259	11/09/2008	01/08/2008	21,389,899	
Aug-08	ACCLUM	4,348,256	26,720,722	25,784,259	-936,463	0	0	0	25,784,259	29/08/2008		2,289,899	
5	MONTH	1,046,633	971,518	739,994	-231,525	0	0	0	739,994	08/10/2008	29/09/2008	4,394,360	
Sep-08	ACCLUM	5,394,889	27,692,240	26,524,252	-1,167,988	0	0	0	26,524,252			19,100,000	
6	MONTH	3,339,638	705,826	809,079	103,259	0	0	0	809,079	14/11/2008	31/10/2008	2,289,899	
Oct-08	ACCLUM	8,734,527	28,398,066	27,333,331	-1,064,735	0	0	0	27,333,331			21,389,899	
7	MONTH	1,724,602	1,584,058	625,106	-958,953	0	0	0	625,106	22/12/2008		809,079	
Nov-08	ACCLUM	10,459,129	29,982,124	27,958,437	-2,023,688	0	0	0	27,958,437			2,289,899	
8	MONTH	2,480,873	5,108,480	1,116,659	-3,991,821	0	0	0	1,116,659	22/01/2009	08/12/2008	4,394,360	
Dec-08	ACCLUM	12,940,002	35,090,604	29,075,095	-6,015,509	0	0	0	29,075,095	23/12/2008		19,100,000	
9	MONTH	584,252	5,960,121	1,858,032	-4,102,089	0	0	0	1,858,032	02/03/2009	30/01/2009	1,741,764	
Jan-09	ACCLUM	13,524,254	41,050,724	30,933,127	-10,117,597	0	0	0	30,933,127			29,075,095	
10	MONTH	1,739,311	0	1,288,964	1,288,964	0	0	0	1,288,964	19/03/2009		1,858,032	
Feb-09	ACCLUM	15,263,565	41,050,724	32,222,091	-8,828,633	0	0	0	32,222,091			30,933,127	
11	MONTH	1,578,820	0	3,532,588	3,532,588	0	0	0	3,532,588	03/04 & 17/04/2009	04/03/2009	1,288,964	
Mar-09	ACCLUM	16,842,385	41,050,724	35,754,680	-5,296,045	0	0	0	35,754,680		17/03/2009	3,532,588	
12	MONTH	3,034,909	2,429,613	2,227,854	-201,759	0	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	0	37,982,534			1,858,032	
13	MONTH	2,268,403	3,383,746	0	-3,383,746	0	0	0	0	05/06/2009	11/05/2009	2,227,854	
May-09	ACCLUM	22,145,697	46,864,083	37,982,534	-8,881,549	0	0	0	37,982,534			3,532,588	
14	MONTH	2,048,589	4,050,740	2,264,088	-1,786,652	0	0	0	2,264,088	02/07/2009	03/06/2009	2,227,854	
Jun-09	ACCLUM	24,194,286	50,914,824	40,246,623	-10,668,201	0	0	0	40,246,623			2,264,088	
15	MONTH	1,531,274	6,303,137	7,760,338	1,457,200	0	0	0	7,760,338	27/07/2009	02/07/2009	4,024,623	
Jul-09	ACCLUM	25,725,560	57,217,961	48,006,960	-9,211,001	0	0	0	48,006,960	05/08/2009	26/07/2009	4,560,338	invoiced: regular & Phase 1B paid: Invoice No 18 & 19
16	MONTH	6,312,045	2,177,338	3,020,906	843,567	0	0	0	3,020,906	25/08/2009	05/08/2009	4,806,960	paid: Phase 1B
Aug-09	ACCLUM	32,037,605	59,395,299	51,027,866	-8,367,434	0	0	0	51,027,866		25/08/2009	51,027,866	paid: Regular Invoice
17	MONTH	3,782,691	2,666,077	2,400,346	-265,731	0	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	0	53,428,212			53,428,212	
												53,428,212	
												(w/o Advance Payment)	
												53,428,212	
												(with Advance Payment)	

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2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	%	Corrective Actions
25.1.201/AS2009/01 (Construction)	29/01/2009	0	0	0%	
25.1.201/AS2009/02 (Design)	02/03/2009	4	4	100%	All closed-out
25.1.201/AS2009/03 (Procurement)	17/03/2009	3	3	100%	All closed-out
25.1.201/AS2009/04 (Doc Control)	29/04/2009	0	0	100%	All closed-out

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

Audit-No	Date	NCRs raised	NCRs Closed-Out	%	Corrective Actions
TQA-08-17 (Design Safety Assurance)	15/01/2009	4	4	100%	All closed-out
TSA-09-01 (System Eng / Integration)	28/08/2009	4	3	75%	1 outstanding
TSA-09-03 (Design Assurance Process)	01/10/2009	3	0	0%	3 outstanding

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	122	0	0	0%	1	0	0	0	0%
1B					0	0	0	0	0%
1C	13	11	0	0%	3	3	1	1	33%
1D	34	19	0	0%	2	1	0	0	0%
2					4	0	3	0	75%
5A					0	0	0	0	0%
5B	14	3	1	7%	8	3	3	0	38%
5C	6	0	0	0%	1	0	1	0	100%
6	27	3	0	0%	5	4	0	0	0%
7	68	7	10	15%	2	0	2	1	100%
System NCRs (non-audit)					18	4	10	4	56%
Cancelled					3	0	3	0	100%

3. Further quality-related events during this month

(please describe shortly)

An 'ITP Packaging Readiness Workshop for Princess Street Works' has been arranged for Sub-Contractors Crummock and MacKenzie, as well as Bilfinger Berger Supervisory Staff - has been arranged for the 14th of October 2009, to which tie's Quality Manager has been invited. The Objective of the Workshop is: 'for Sub-Contractors and BSC Supervisory staff to be aware of the Approved [by tie] Procedure for Planning, Execution and Packaging of ITPs in readiness for the completion of the Princess Street Works [1C/1D] around the end of November 2009'

During the last two periods tie and its consultant Deloitte have carried out five 'ETN Clause 104' type audits at several different sites, although not all Audit Reports have been received to-date.

tie have notified BSC of two Design Safety Assurance Audits to take place on the 01st of October and 18th of November 2009. BSC await conformation that the Design Safety Assurance audit scheduled for the 13th of October 2009 will go ahead.

An Internal 'BSC Technical Change Management Audit' is scheduled for the next period.

2.13 Project Photographs

see following pages

Picture 01	Section 7	Gogarburn Bridge
Picture 02	Section 6	Depot - Area
Picture 03	Section 6	Depot - Foundations
Picture 04	Section 6	Depot - Erection of Steel Structure
Picture 05	Section 5	Edinburgh Park Station Bridge
Picture 06	Section 5	Piling Works on Guided Busway
Picture 07	Section 5	Carrick Knowe Bridge - South Abutment
Picture 08	Section 1	Princes Street
Picture 09	Section 1	Princes Street
Picture 10	Section 1	Princes Street











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	Adjusted in Job Estimate 08/2009	10,000	10,000	0
02.	Liquidated Damages		464,000		464,000
03.	Interface with Railway Authorities		25,000		25,000
04.	Uninsured Economic Losses	Adjusted in Job Estimate 08/2009	132,500	132,500	0
05.	Delayed Start Of Construction Works	Adjusted in Job Estimate 08/2009	360,000	360,000	0
06.	Firm items In Value Engineering	Adjusted in Contract Value 08/2009	279,500	279,500	0
07.	Quantity Risk	Adjusted in Job Estimate 09/2008 + 08/2009	1,000,000	1,000,000	0
08.	Corderoy's Quantities For Pavements in Sect. 5	Adjusted in Job Estimate 08/2009	389,000	389,000	0
09.	CEC Planning	Adjusted in Job Estimate 08/2009	25,000	25,000	0
11.	Network Rail		75,000		75,000
12.	Edinburgh Park	Adjusted in Job Estimate 08/2009	37,500	37,500	0
13.	Forth Ports	Adjusted in Job Estimate 08/2009	5,000	5,000	0
14.	HMRI	Adjusted in Job Estimate 08/2009	25,000	25,000	0
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	Adjusted in Job Estimate 08/2009	197,500	197,500	0
22.	Labour	Adjusted in Job Estimate 08/2009	40,000	40,000	0
23.	Staff	Adjusted in Job Estimate 08/2009	40,000	40,000	0
24.	Performance Of Utility Companies	Adjusted in Job Estimate 08/2009	5,000	5,000	0
25.	Ecology	Adjusted in Job Estimate 08/2009	1,000	1,000	0
26.	Pollution	Adjusted in Job Estimate 08/2009	2,000	2,000	0
27.	Changes In Law	Adjusted in Job Estimate 08/2009	30,000	30,000	0
28.	Legal Support	Adjusted in Job Estimate 08/2009	100,000	33,530	66,470
29.	Value Engineering	Adjusted in Contract Value 08/2009	200,000	200,000	0
30.	Interpretation Of Code Of Constuction Practice	Adjusted in Job Estimate 08/2009	100,000	100,000	0
31.	Siemens/BB Scope Split		500,000		500,000
total Estimated Risks from Top Sheet (Unqualified Risk Register)			4,349,000	2,912,530	1,436,470
Estimated Opportunities from Top Sheet (Unqualified Risk Register)					
32.	Changes in Employers Requirements	Adjusted in Job Estimate 08/2009	-100,000	-100,000	0
33.	Package Contractors Interface	Adjusted in Job Estimate 08/2009	-10,000	-10,000	0
total Estimated Opportunities from Top Sheet (Unqualified Risk Register)			-110,000	-110,000	0
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	4,388,294	0
37.	Enhanced Labour Rate	Adjusted in Job Estimate 08/2009	294,000	294,000	0
					0
					0
total			10,404,340	7,967,870	2,436,470

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3.02 Design - Drawing Status

No.	Status acc. Sections Description	Sections							Phase		Total
		SW	1	2	3	5	6	7	1a	1b	
		1	To be issued for construction	9	28	9	66	24	2	5	
2	Issued for External Approval (IFEA)	42	71	1	126	51	9	15	189	126	315
3	Issued for Construction (IFC)	37	553	102	255	697	197	164	1750	255	2005
4	Partially agreed for Construction (PAFC)	7	1	16	0	57	0	0	81	0	81
5	Agreed for Construction (AFC)	0	0	0	0	0	0	0	0	0	0
6	For As-Built Info Incorporation	0	0	0	0	0	0	0	0	0	0
8	Hand over	0	0	0	0	0	0	0	0	0	0
9	Withdrawn	6	0	0	0	0	0	0	6	0	6
10	To be IFEA, but no IFC	0	0	0	0	0	0	0	0	0	0
11	IFEA, but no IFC	229	97	20	44	57	28	37	468	44	512
12	Not to be IFEA or IFC	288	151	19	89	152	20	57	687	89	776
13	New drawings to be issued following Change Order (CO)	126	94	1	0	148	8	27	404	0	404
14	New drawings to be IFEA following CO, but no IFC	0	0	0	0	5	0	0	5	0	5
15	IFC, but to be revised for CO (not concluded yet)	0	0	0	0	0	0	0	0	0	0
16	IFC, revised for CO (not concluded yet)	0	0	0	0	0	0	0	0	0	0
17	IFC, new drawing issued following CO (not concluded yet)	0	0	0	0	0	0	0	0	0	0
18	IFC, to be withdrawn for CO (not concluded yet)	0	0	0	0	0	0	0	0	0	0
Total (1~3+5~18)		737	994	152	580	1134	264	305	3586	580	4166
Issued for Construction (3+5~8+15+16+18)		37	553	102	255	697	197	164	1750	255	2005
Total Issue for Construction (1~3+5~8+15+16+18)		88	652	112	447	772	208	184	2016	447	2463
Percentage of completion IFC		42.0%	84.8%	91.1%	57.0%	90.3%	94.7%	89.1%	86.8%	57.0%	81.4%
IFC incl. new Issues for CO (3+5~8+16+17)		37	553	102	255	697	197	164	1750	255	2005
Total IFC incl. new Issues for CO (1~3+5~8+13+16+17)		214	746	113	447	920	216	211	2420	447	2867
Percentage of completion IFC		17.3%	74.1%	90.3%	57.0%	75.8%	91.2%	77.7%	72.3%	57.0%	69.9%