

EDINBURGH TRAM NETWORK

Monthly Project Report
April 2010



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: April 2010

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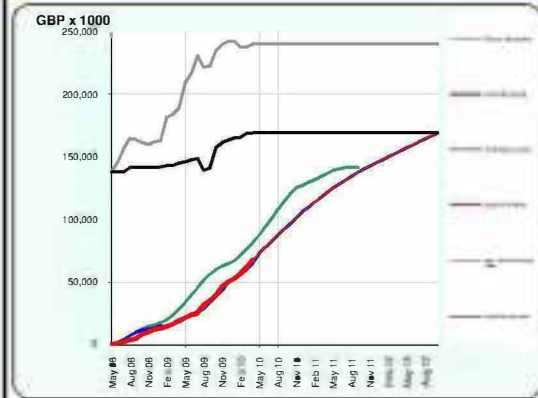
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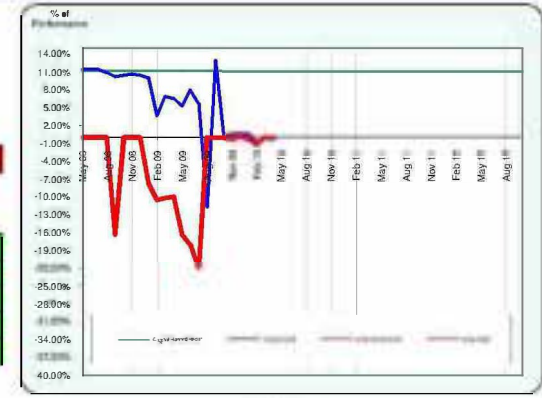
1.01 Project Overview Charts



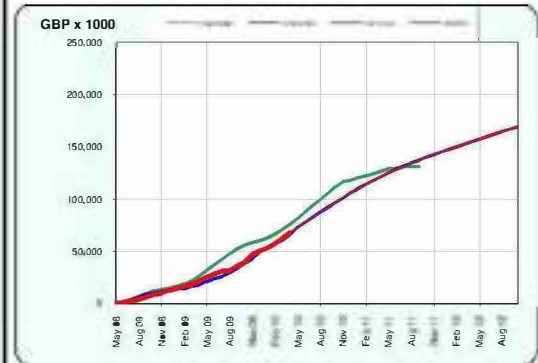
Performance

	Contract Plan (Rev.1)	Revised Plan (actual)	Forecast (actual)	Actual	Status Figures
Construction start date	15-May-08			15-May-08	
Construction end date	16-Jul-11	05-Jun-12	02-Oct-12		3.9 month red
Total contract value (GBP x 1000)	141,509			169,276	
Claims / Variations approved				34,995	
Claims / Variations not approved				70,775	
Performance		66.051		68,309	103.4% green
Actual Cost to Date				68,475	100.2% green
Result	11.07%	-0.05%	-0.05%	-0.24%	0.00% green
Payment Status		72,872		72,872	100.0% green
Av.Perf/mth: Rem. & act. 3mth			3,740	5,001	green

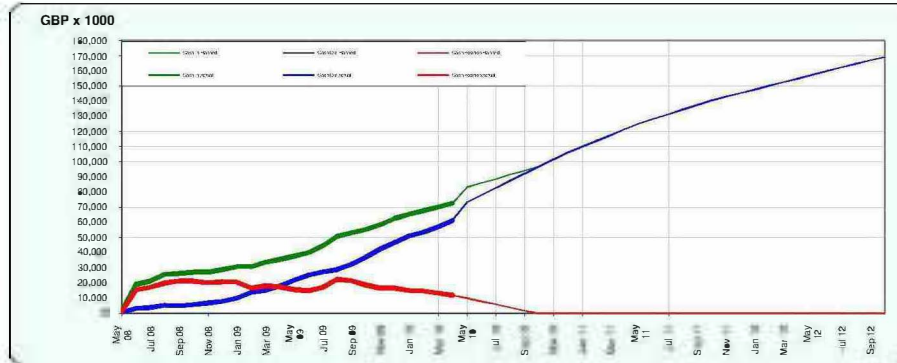
Project Key Figures



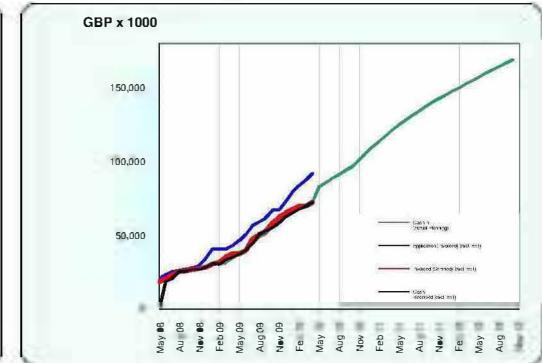
Project Result



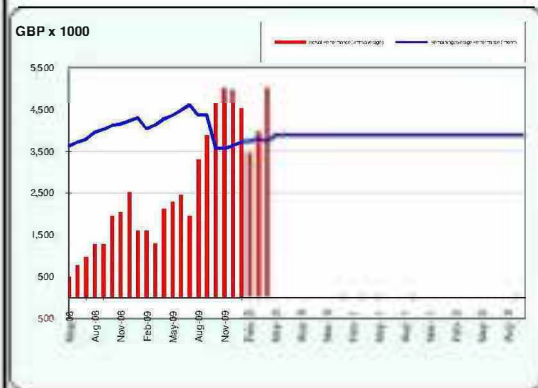
Project Cost



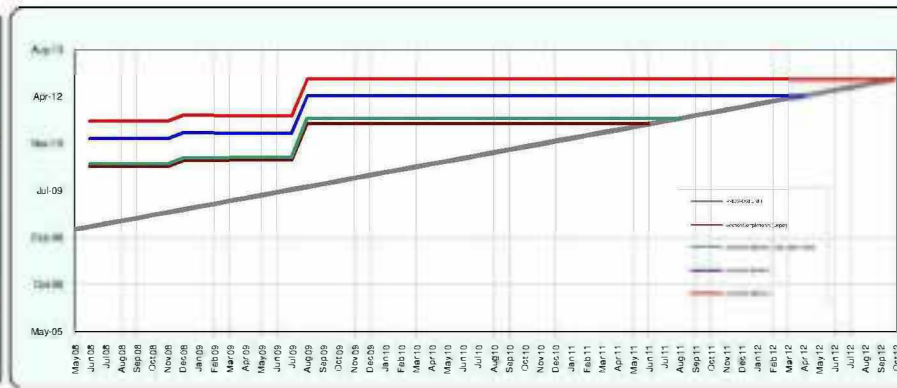
Cashflow



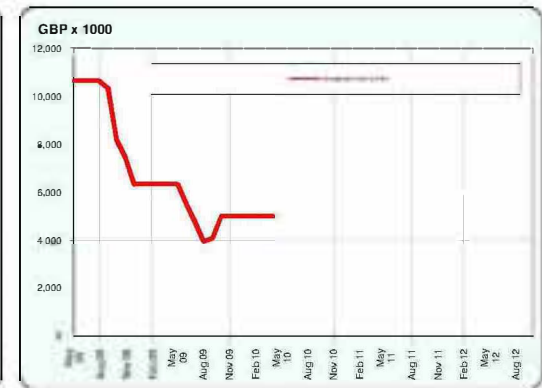
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis



Contingencies vs Risks

1.02 Short note on Overview Charts

1.2.1 Performance

The current policy on site is still 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. Works at Lindsay Road, Haymarket Viaduct, Russell Road Retaining Wall, Balgreen Road Retaining Wall, Guided Busway, Edinburgh Park Bridge and Airport Tram Stop Section were performed on this basis. Instructed construction parts (Clause 80.15) at Tower Place Bridge, Baird Drive Retaining Wall, Carrick Knowe Bridge, Depot Access Bridge and Drainage Section 7 are ongoing on demonstrable cost basis during dispute resolution in accordance with the contract. 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 and Depot as agreed with Executive Management.

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
- cost for legal fees

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 March adds up to a cumulative result of	-£166,121.00	or	-0.24%
The forecast shows a result of	-£77,500.00	or	-0.05%

caused by the fluent situation of the project, i.e. no agreement on 194 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

£12,848.41	or	7.10%
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To secure a low risk profile the contractual team has been strengthened to facilitate a positive outcome on the legal disputes.

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:	£72,871,764.10
Paid net from the client:	£72,871,764.10

1.2.5 Cashflow

The ETN project cash flow as per 31 March 2010 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:	£73,559,195.94	(incl. interest income)
Cash out net:	£61,532,641.19	
Cash balance net:	£12,026,554.75	

1.2.6 Contingencies

The value for in the tender estimated contingencies is stable about:

£5,019,788.00

(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 weeks extension of time (06 September 2011). In November tie confirmed an initial entitlement of 9 months relief on LD's (05 June 2012) and 6 months on prolongation costs for EOT 2, which shows a total delay of 12 months (02 October 2012). Further entitlement was assessed and submitted to tie (Contract Programme Rev. 3) showing an additional delay of 16 months up to January 2014 (total delay 30 mths).

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 91% 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 April/May 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, Guided Busway, Edinburgh Park Bridge, A8 Underpass, Depot and Airport Tram Stop Section. On-Street works start at Lindsay Road. Works on Tower Place Bridge, Baird Drive Retaining Wall, Carrick Knowe Bridge, 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
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>629 changes notified to date (80 by tie and 549 by Infracore). 86 of these have been superseded by further changes or withdrawn. 78 of these have a delay only impact and will not require an estimate. Therefore there are 465 changes requiring estimates. 305 changes are submitted. Of this 145 changes were confirmed by tie and a total of 135 change orders received. 160 changes are under review in tie. 160 estimates are to be submitted whereof 63 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		Contract (Rev. 1)	Actual	Variance						
Client:	the LIMITED	Construction start date	15-May-08	15-May-08	0 days							
Leadership:	BILFINGER BERGER UK LIMITED	Construction end date	16-Jul-11	05-Jun-12	325 days							
	Share: 100%	Total excl. Site Removal	38 month	49 month	2,796 %							
	Share: 0%	Expired construction time	23.5 month	23.5 month	62 %							
Currency:	GBP Rp. (all amounts without V.A.T.)	Performance to date		68,308,546 GBP	40 %							
Rate of Exchange Top Sheet:	1 GBP = 1.25 EUR	Actual:	1.15 EUR									
2. Total Contract Value		Date of Contract	Total Previous Month	April 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)	100.00%	169,067,322	125.9%	208,822	169,276,144 126.1%						
Contract Value with 3rd Parties (without interest)	0		0	0.0%	0	0 0.00%						
			169,067,322	125.9%	208,822	169,276,144 126.1%						
3a. Provisional Sums		Total Previous Month	April 2010	Total Reporting Month								
SDS Novation Agreement Provisional Sums		2,182,000	1.6%	64,307	2,246,307	1.7%						
Defined Provisional Sums		181,489	0.1%	0	181,489	0.1%						
Undefined Provisional Sums		571,483	0.4%	0	571,483	0.4%						
3b. Claims and Variations		Total Previous Month	April 2010	Total Reporting Month								
Claims and Variations approved (- Total VO's Approved - 3a. Provisional Sums)		31,851,142	23.7%	144,515	31,995,657	23.8%						
Claims and Variations submitted but not approved yet		40,929,994	30.5%	4,494,575	45,424,569	33.8%						
Claims and Variations under preparation		27,673,278	20.6%	-2,322,807	25,350,471	18.9%						
4a. Performance		Total Previous Month	April 2010	Total Reporting Month								
Performance for Actual Contract Value with Client		62,553,066	37.00%	5,755,480	68,308,546	40.35%						
Performance for 3rd Parties (without interest)		0	0.00%	0	0	0.00%						
Total Performance to Date		62,553,066	37.00%	5,755,480	68,308,546	40.35%						
Remaining Performance to Date		106,514,256	63.00%		100,967,598	59.65%						
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		62,553,066	37.00%	3,497,455	66,050,521	39.02%						
4b. Cost		Total Previous Month	April 2010	Total Reporting Month								
Actual Cost at Reporting Date		62,563,828	37.01%	5,910,839	68,474,667	40.45%						
5. Result		Date of Contract	Total Previous Month	April 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%	11,438,058	6.77%	473,270	10,964,788 6.48%						
Actual Result at Reporting Date			-10,762	-0.02%	-155,359	-166,121 -0.24%						
Forecast Result at the End of Contract			-102,527	-0.65%	25,027	77,500 -0.05%						
Weighted Result at the End of Contract (Likely Case)			13,043,634	7.20%	-195,223	12,848,411 7.10%						
6. Invoices, Payment and Bank account		Total Previous Month	April 2010	Total Reporting Month								
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	87,749,099	51.90%	4,407,498	92,156,59 54.44%					
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	70,217,427	41.53%	2,654,337	72,871,764 43.05%					
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	70,217,427	41.53%	2,854,337	72,871,764 43.05%					
Cash in from 3rd Parties - excl. VAT		0	0.00%	0	0	0 0.00%						
Interest income		682,088	1.09%	5,343	687,432	1.01%						
Cash out (excl. VAT)		57,180,829	33.83%	4,341,812	61,532,641	36.35%						
Net Liquidity	crediting	0	0%	13,708,686	8.11%	-1,682,131	12,026,555 7.10%					
7. Subcontractor Work (incl. Design)		Total Previous Month	April 2010	Total Reporting Month								
Total Portion of Subcontractor Budget	60,353,024 (incl. SDS)	44.95%	114,832,257	67.92%	0	114,832,257 67.84%						
Total Amount of signed Subcontracts incl. approved Variation Order			0	0.00%	0	0 0.00%						
Total Subcontractor Result to date			0	0.00%	0	0 0.00%						
Actual Subcontractor Costs to date (incl. Accruals)			0	0.00%	0	0 0.00%						
Therefrom invoiced to date			0	0.00%	0	0 0.00%						
8. Actual Forecast for Performance and Result		in TSD GBP		Yearly Forecast								
Performance	Original planned				Actual / Forecast					Performance and Result in 2008		
	2008	2009	2010	2011	2008	2009	2010	2011	2012	Performance	Result	
Jan		1,706	2,786	2,346		584	2,632	3,870	2,420	12,940,002	7.6%	
Feb		2,526	4,026	2,026		1,739	4,077	3,870	2,420	2	0.00%	
Mrz		3,526	5,026	2,526		1,579	5,170	3,870	2,420	Performance and Result in 2009		
Apr		4,526	5,276	2,526		3,035	5,255	3,870	2,420	Performance	37,733,662 22.3%	
May	855	5,776	6,026	2,526	500	2,268	5,057	3,870	2,420	Result	-2 0.00%	
Jun	1,355	5,776	6,526	1,026	1,052	2,049	4,745	3,005	2,420	Performance and Result in 2010		
Jul	2,375	5,776	6,526	1,026	1,331	1,531	4,745	3,005	2,420	Performance	55,606,857 32.8%	
Aug	2,855	6,026	6,526		1,465	6,312	4,745	3,005	2,290	Result	0 0.00%	
Sep	3,055	4,626	6,526		1,047	3,763	4,745	3,005	2,290	Performance and Result in 2011		
Ok1	2,855	4,026	6,526		3,340	3,931	4,645	3,005	2,261	Performance	39,215,000 23.2%	
Nov	1,535	2,526	5,026		1,725	7,288	4,645	2,420		Result	0 0.00%	
Dez	1,446	1,866	1,706		2,481	3,635	4,645	2,420		Performance and Result in 2012		
Total	16,334	48,678	62,498	13,999	12,940	37,734	55,607	39,215	23,781	Performance	23,780,624 14.0%	
	Linear Calculation				total: 169,276						Result	-77,500 -0.33%
Total Performance and Result												
										Performance	169,276,145 100.0%	
										Result	77,500 -0.05%	
Edinburgh,					Edinburgh,					18/5/10		
Place and Date	[Redacted]				Place and Date	T Vogl, [Redacted] 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	169,276	169,276	169,276	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-169,354	-169,354	-169,354
2	Unapproved, but in Job Site Estimate integrated Changes	2,748	2,251	1,942	2	Unapproved, but in Job Site Estimate integrated Changes			
3	Total unapproved Changes	2,748	2,251	1,942	3	Total unapproved Changes	0	0	0
4.2					4.2				
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	0	0	0
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	7,200	6,600	3,000	5.2	Interest Income	200	150	100
5.3					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	10,625	9,525	3,000	Σ 5.1 : 5.20	Chances	2,400	1,150	100
6 =1+3+4+5	Forecast Final Revenue	182,649	181,052	174,218	6 =1+3+4+5	Forecast Final Costs	-166,954	-168,204	-169,254

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	182,649		
	Costs	-166,954		
	Result	15,696		
% Gross Margin based on Revenue Best Case	Revenue: 182,649	8.59%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		181,052	
	Costs		-168,204	
	Result		12,848	
% Gross Margin based on Revenue Likely Case	Revenue: 181,052		7.10%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			174,218
	Costs			-169,254
	Result			4,965
% Gross Margin based on Revenue Worst Case	Revenue: 174,218			2.85%
Gross Margin previous month (most likely case)		10.55%	8.97%	3.95%

	Project: Edinburgh Tram Network as per: 30/04/2010	
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001AK22 Edinburgh Tram 2010_04
Reporting Month: 22. R.-P. 04.2010

COST RECONCILIATION & FORECAST FINAL (REMEASURED 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 Allowable incl. agreed VO's	Allowable for unapproved VO's	Variance to Date	Revised DJC	Variance to Date	Budget Original WQty.	Budget Orig. Contr. with AQty.	Budget Agreed VO's AQty.	Budget unappr. VO's AQty.	Budget Total AQty.	Revised DJC AQty.	% Complete	Cost to Complete (AQty-1)	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)
				5=3+4		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		61,935,628	6,539,039	68,474,667	54,084,40	1,625,044	-12,765,21	68,342,71	-131,95	125,838,065	125,838,06	32,473,29	2,070,13	160,381,495	169,353,64	40.4 %	101,010,928	169,485,59	-9,104,100	-31,597,074
Prime Cost Sums 0 / 0								0												
Total Cost without Prime Cost Sums		61,935,628	6,539,039	68,474,667	54,084,405	1,625,044	-12,765,21	68,342,71	-131,95	125,838,065	125,838,06	32,473,29	2,070,13	160,381,495	169,353,64		101,010,928	169,485,595		

REMEASURED CONTRACT:

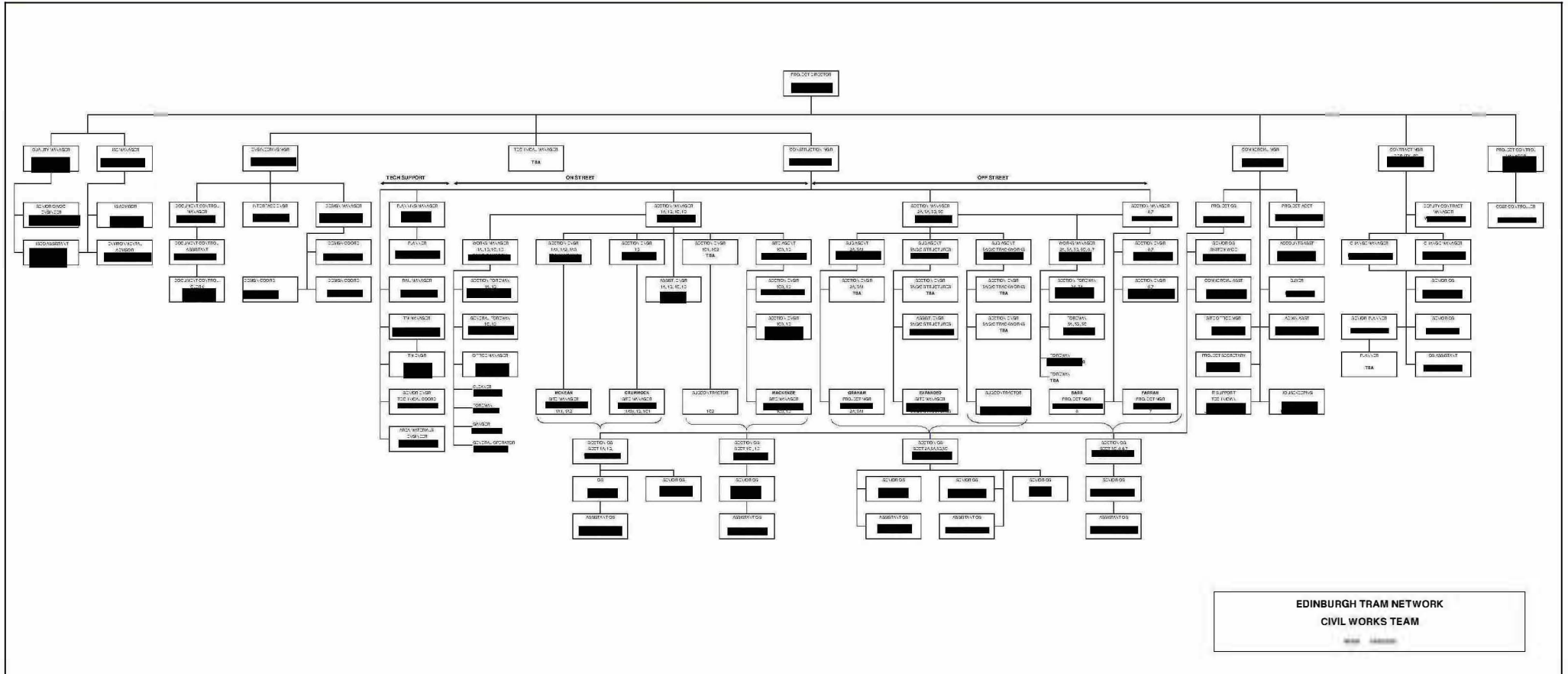
Gross Margin original Contract and agreed VO's (PF = 0.9995, PFB = 1.0693)

Total Cost without Prime Cost Sums	68,474,667	54,084,40	68,342,71	125,838,065	125,838,065	32,473,29	2,070,13	158,311,357	169,353,64	169,485,59
Gross Margin	3,748,049	3,748,049	3,171	15,670,750	8,443,144	2,521,644		10,964,788	-77,500	-209,450
Gross Margin in % of Performance	6.48 %	6.48 %	-0.05 %	11.07 %	6.39 %	7.21 %		6.48 %	-0.05 %	-0.12 %
Performance without Prime Cost Sums	57,832,454	57,832,454	68,308,54	141,508,815	134,281,209	34,994,93		169,276,145	169,276,145	169,276,145
Actual Cost to date	68,474,667	68,474,667	68,474,667							
Gross Margin to date	-10,642,213	-10,642,213	-166,121							
Gross Margin to date in % of Performance	-18.40 %	-18.40 %	-0.24 %							
Performance Prime Cost Sums										
Total Performance	57,832,454	57,832,454	68,308,546	141,508,815	134,281,209	34,994,936		169,276,145	169,276,145	169,276,145
Revenue according WBS										

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0128, PFB = 1.0695)

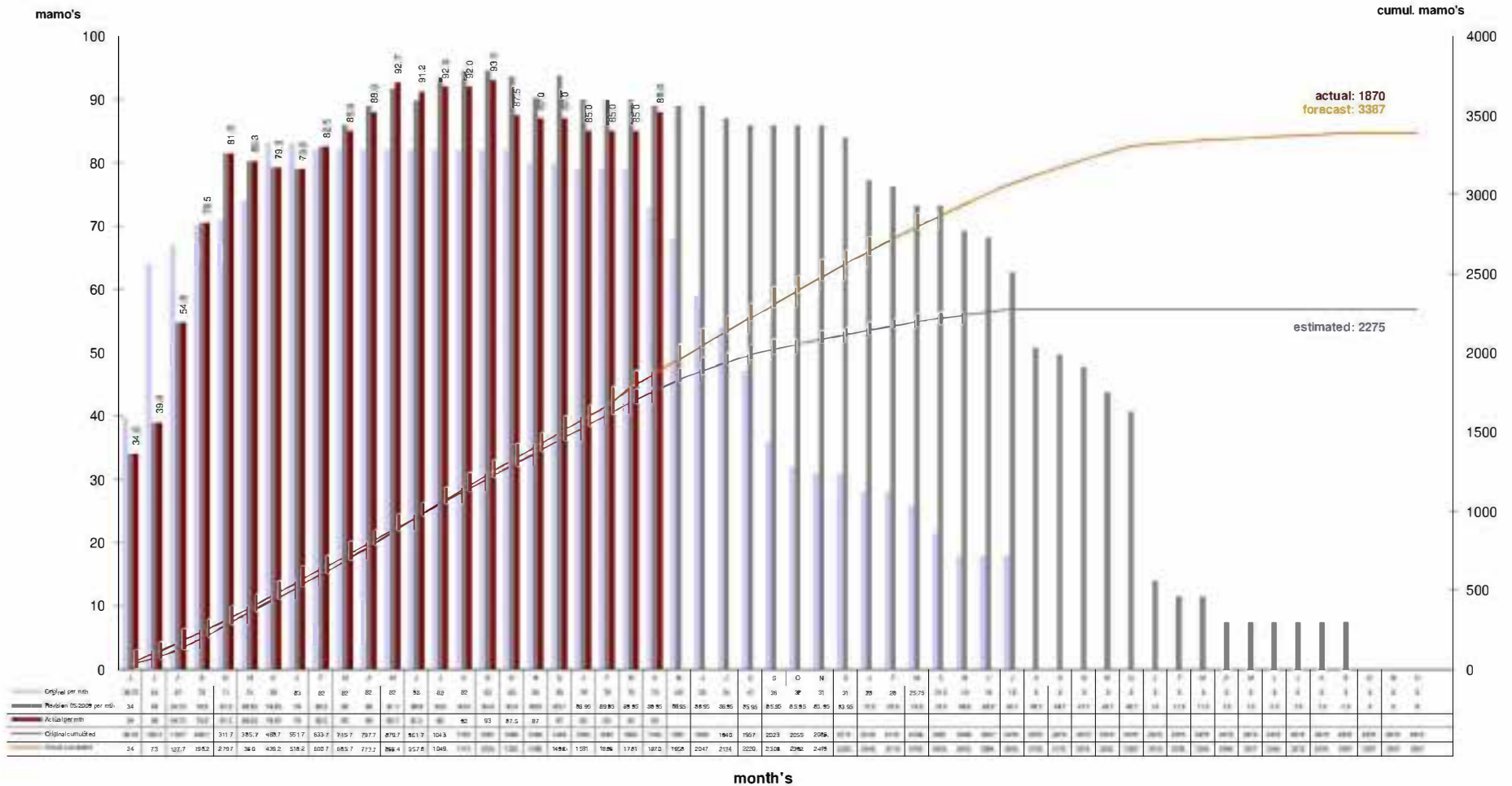
Total Cost without Prime Cost Sums	55,709,449	55,709,449	68,342,717	125,838,065	125,838,065	32,473,29	2,070,138	160,381,495	169,353,64	169,485,59
Gross Margin	3,871,807	3,871,807	874,787	15,670,750	8,443,144	2,521,644		11,145,561	2,173,411	3,041,461
Gross Margin in % of Performance	6.50 %	6.50 %	1.26 %	11.07 %	6.50 %	7.27 %		6.50 %	1.27 %	1.19 %
Valued Performance without Prime Cost Sums	59,581,256	59,581,256	69,217,504	141,508,815	134,281,209	34,994,93	2,250,911	171,527,056	171,527,056	171,527,056
Actual Cost to date	68,474,667	68,474,667	68,474,667							
Gross Margin to date	-8,893,411	-8,893,411	-8,893,411							
Gross Margin to date in % of Performance	-14.89 %	-14.89 %	-12.85 %							
Performance Prime Cost Sums (incl. valued performance)										
Total Performance (incl. valued performance)	59,581,256	59,581,256	69,217,504	141,508,815	134,281,209	34,994,936	2,250,911	171,527,056	171,527,056	171,527,056
Revenue according WBS (VO's valued)										
Revenue according WBS (VO's valued by 100%)										

2.05 Organisation Chart



2.06 Staff Chart

Staff mammo performance Edinburgh Tram



Project: **Edinburgh Tram Network**
 as per: **30/04/2010**



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 %	
088A	137		DPS		63	OHu	Power Supply Ducts Section 6	15/02/10	13,297.28	9,678.49	1,863.11	787.83	967.65	7.28%	
105	138	DRP		5B	58	GAn	FC Drawing Change Walgreen Road Retaining Wall	15/02/10	298,574.22	217,317.91	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%	
	140						not issued yet								
399	141			Farrans	62	OHu	Addition of starter and capping layers in Section 7A	04/03/10	1,139,305.66	829,249.35	159,530.50	67,500.90	82,924.94	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	830,159.34	677,020.05	55,109.52	130,326.57	67,703.20	7.28%	
	144						not issued yet								
	145						not issued yet								
	146						not issued yet								
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	1,874.30	2,302.72	7.28%	
	148						not issued yet								
	149						not issued yet								
053a	150			5C	54	Gan	TNC004 - Utilities diversions & associated works - Water main diversion only	31/03/10	112,879.69	83,676.71	14,643.43	6,192.06	8,357.66	7.41%	
	151						not issued yet								
589	152						not concerning SDS								
429		DRP		EOT2a	64/65/67		issue of MUD/A Programme Revision B	13/11/09	6,600,000.00		4,199,580.00	1,799,820.00	600,000.00	9.10%	
Changes TOTALS:									34,994,935.18	20,996,555.74	8,342,692.49	3,134,044.05	2,521,642.01	7.21%	

Sum=Total budget approved changed orders
32,473,292.28

	DPS					Thereof Defined Provisional Sums	181,489.03
	LPS					Thereof Undefined Provisional Sums	571,482.50
	PS					Provisional Sums	752,971.53
	DPS					Total Change order Value w/o PSSA & ProvSums SDS	19,968,467.13

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	OS	Description	Assessment			Status				Working Estimate					Remarks					
							Estimate	Approved	Unapproved	Submitted	to be submitted	In principle agreed, but not approved	Not agreed	Approved	Budget for performance, design & estimate	Other claims 17.5%	Contingency 1.5%	OH&P / Margin		Margin in %				
203			Depot			IFC drawings for Siemens additional containment	5,000.00	4,000.00	3,000.00			5,000.00												
203			Depot			IFC Drawing Changes - ravisadispacication for Kaba Doors	152,505.19	125,000.00	100,000.00	152,505.19			152,505.19											
203			Depot			IFC drawing Change 19th substation slab	5,000.00	4,000.00	3,000.00			5,000.00												
203			Depot			IFC Asua drawings for Smoka Vant	19,824.85			19,824.85			19,824.85											
203			Depot			IFC Drawing Change to Drainage Raviscon 6 - IFC to IFC	added to 203h1	added to 203h1	added to 203h1	added to 203h1		added to 203h1	added to 203h1	added to 203h1	added to 203h1	added to 203h1	added to 203h1	added to 203h1	added to 203h1	added to 203h1	added to 203h1			
203			Depot			IFC Drawing Change to blockwork reinforcement	3,000.00	2,500.00	2,000.00			3,000.00												
203			Depot			Wind Post Changes - BOD to IFC	23,429.83			23,429.83			23,429.83											
203			Depot			Change to structural steel support to sliding screens in offices	6,949.70			6,949.70			6,949.70											
203			Depot			IFC Drawing changes - Roads, Streetlighting, Drainage Section 5B	766,199.71	5,957.00	5,957.00	766,199.71		5,957.00	766,199.71											
203			Depot			IFC Drawing changes - Roads, Streetlighting, Drainage Section 5C	578,805.86	114,352.00	114,352.00	578,805.86		114,352.00	578,805.86											
203			Depot			IFC Drawing changes - Bankhead Tramstop	2,000.00	1,500.00	1,000.00			2,000.00												
203			Depot			IFC Drawing changes - Bankhead Tramstop (continued)																		
203			SKY			Leth Walk Christmas Embargo	250,837.69	150,000.00	125,655.59	250,837.69		125,655.59	124,382.10	150,000.00	111,193.40	19,458.68	8,228.32	11,119.35				costs included in INTC 295		
203			SKY			IFC Drawing changes - McDonald Road and Balfour Street Tram Stops	2,000.00	1,500.00	1,000.00			2,000.00												
210			SKY			IFC Drawing changes - Road, Lighting, Landscaping and Drainage Sect. 1B	250,000.00	200,000.00	150,000.00			250,000.00												
210			SKY			IFC Drawing changes - Haymarket Tram Stop	2,000.00	1,500.00	1,000.00			2,000.00												
210			SKY			IFC Drawing changes - Roads, Streetlighting, Landscaping and Drainage	480,824.76	300,000.00	200,000.00	480,824.76			480,824.76											
210			SKY			IFC Drawing changes - Haymarket Station Substation	5,000.00	3,000.00	2,500.00			5,000.00												
210			SKY			IFC Drawing changes - Haymarket Station Substation (continued)																		
210			SKY			Demolition and alteration of existing Bus Depot at Leth Walk	251,678.92	200,000.00	175,000.00	251,678.92			251,678.92										no further action under this INTC Ref.	
210			SKY			Discovery of 37 ducts above formation level and touting kerb line - 250 RH-S	800.00	500.00	400.00			800.00												
210			SKY			Discovery of Hydrant above formation level - Change 177 RH-S																		
210			SKY			Discovery of valves and a hydrant flowing through kerbline - 120 RH-S																	no further action under this INTC Ref.	
210			SKY			Discovery of stone culvert - Change 100 RH-S																	partly approved (see 2.08a) figures here concerning not approved portion	
210			SKY			Discovery of stone culvert - Change 100 RH-S (continued)																	no further action under this INTC Ref.	
210			SKY			Operational Design Review of Depot - changes arising	31,010.62			31,010.62			31,010.62											
210			SKY			Operational Design Review of Haymarket - changes arising	30,000.00	25,000.00	22,500.00			30,000.00												
210			SKY			Relocation of bus stop outside LOD at Princes Mall	1,929.31	1,161.26	1,161.26	1,929.31		1,161.26	1,929.31											
210			SKY			IFC Drawing Changes - Tower Bridge Structure	455,881.57		-315,887.78	455,881.57		-315,887.78	771,569.35										Cost issued via waiver - referred to Dispute Resolution on Procedure	
210			SKY			IFC Drawing Changes - Section 1C drainage	933,883.43	750,000.00	600,000.00			933,883.43												
210			SKY			IFC Drawing Changes - Section 1C road design	20,000.00	15,000.00	10,000.00			20,000.00												
210			SKY			IFC Drawing Changes - Section 1C lighting layout	25,000.00	20,000.00	10,000.00			25,000.00												
210			SKY			IFC Drawing Changes - Section 1C drainage (continued)																		
210			Farrans			Options for drainage and all consent at the Airport	3,000.00	2,500.00	2,000.00			3,000.00											costs included in INTC 234	
210			SKY			Removal of bus stop at depot																	cost included in INTC 327	
210			SKY			Removal and Reinstatement of B F Phone Box	8,267.48			8,267.48			8,267.48											
210			Delay Only			MUDFA has commented works on Bankhead Dr preventing Infraco progress																		
210			SDS			Building Fixing Owner Agreements - Info required due to Court Proceedings	17,193.23	17,193.23	15,000.00	17,193.23			17,193.23		17,193.23	14,845.00		1,893.73	1,464.50					
245			Delay Only			Notified Departure due to the issue of SDS Design programme V36																	no further action under this INTC Ref.	
247			Delay Only			Notified Departure due to the issue of SDS Design programme V37																		
249			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																		
249			SKY			Leth Walk Change 100.350 add work carried out during 'embargo' period	66,032.40	30,000.00	18,893.55	66,032.40		18,893.55	47,138.85											
249			SKY			IFC Drawing Changes - Section 1C OLE Layout	5,000.00	4,000.00	2,500.00			5,000.00												
249			SKY			IFC Drawing Changes - Section 1C Track Horizontal Alignment	2,500.00	2,000.00	1,500.00			2,500.00												
249			SKY			IFC Drawing Changes - Section 1C Track Vertical Alignment	4,257.85	3,000.00	2,000.00			4,257.85												
249			SKY			Removal by others of materials from central reserve on Princes Street	-5,754.88	-4,000.00	-3,000.00			-5,754.88												no further action under this INTC Ref.
249			SKY			Future Proofing on behalf of New Brighton Ltd and Highland Properties Ltd	1,214,800.81	1,150,000.00	1,047,953.67	1,214,800.81		1,047,953.67	166,847.14											no further action under this INTC Ref.
249			SKY			Relocate existing Control Box - Section 1B	189.74			189.74			189.74											partly approved (see 2.08a), figures here concerning not approved portion
249			SKY			IFC Drawing Changes - Section 1B - Balfour Street Tram Stop	2,500.00	2,000.00	1,500.00			2,500.00												
249			SKY			IFC Drawing Changes - Section 5B - Track Drainage	1,448,422.16	750,000.00	446,285.24	1,448,422.16		446,285.24	994,216.92											
249			SKY			IFC Drawing Changes - Section 1A - Victoria Dock Bridge	30,000.00	25,000.00	20,000.00			30,000.00												
249			SKY			IFC Drawing Changes - Earthworks General Arrangement - Section 1																		
249			SKY			IFC drawings and specifications lowering Lindsay Road	2,884,785.64	1,500,000.00	1,000,000.00	2,884,785.64			2,884,785.64											
249			SKY			IFC drawings and specifications for work in CR 100000 to 100000 Section 1A4	1,534,578.60	1,000,000.00	750,000.00			1,534,578.60												
249			SKY			Accommodation Works Section 2A Access Retaining Wall	28,461.88		22,171.28			28,461.88												
249			SKY			Carryout Scottish Water Diversion at Gogar Roundabout	96,686.36	50,000.00	39,537.38	96,686.36		39,537.38	57,148.98											
249			SKY			RBS Trenching - Estimate diversion LV Power and Water crossing tram track	17,353.36	12,500.00	10,000.00			17,353.36												
249			SKY			EAL Tramstop - BA Interface	6,823.29	6,000.00	5,000.00	6,823.29			6,823.29											
249			SKY			IFC Drawing Changes - Bankhead Tramstop (continued)																		

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	QS	Description	Assessment			Status				Working Estimate					Remarks				
							Approved	Revised	Unapproved	Submitted	to be submitted	In principle agreed, but not approved	not agreed	Approved	Budget for performance, design & estimate	Other claims 17.5%	Contractor 1.5%	OH&P / Margin		Margin in %			
						Haymarket Junction: Underground Chamber at Dilton Terrace	92,836.17	50,000.00	78,000.00	92,836.17			92,836.17										
			1C/D			Traffic Management - Provide Wider Area Signage to Princes Street	11,898.67			11,898.67			11,898.67										
						Area of Work - 1C/D															no further action under this INTC Ref.		
						Gogarburn Bridge East Abutment - access ground water	3,853.54			3,853.54			3,853.54										
						Demolish all Structures on Plots nos 97 and 102 near Roseburn Street	25,000.00	28,000.00	15,000.00	8,537.45	16,462.86			8,537.11									
						Transfer MUDFA Utility Diversion Sect. 5C Conflict Schedule 5C BT/D/05															partly approved (see 2.08a), figures here concerning not approved portion		
						Transfer MUDFA Utility Diversion Sect. 5C Conflict Schedule 5C TE/D/05	1,678.71			1,678.71			1,678.71								partly approved (see 2.08a), figures here concerning not approved portion		
						Gogar Landfill Area - Surcharging and monitoring of surcharge	458,002.38	300,000.00	250,000.00	458,002.38			458,002.38										
						Gogar Landfill Area - Soil Nailing and Reinforced Earth	524,034.28			524,034.28			524,034.28										
						Revised OLE Foundation on a day out of section 1	73,526.45	65,000.00	60,000.00	73,526.45			73,526.45	65,000.00	55,368.27		4,097.10		5,536.63	8.52%			
						Redesign of OLE post foundations due to increased loading - Line 2	85,723.13	75,000.00	65,000.00	85,723.13			85,723.13	75,000.00	63,884.16		4,727.43		6,388.42	8.52%			
						Amend OLE system design documents	7,643.91	7,500.00	7,000.00	7,643.91			7,643.91	7,500.00	6,388.42				6,388.42	8.52%			
						Amend at-grade OLE Building/ising loads and layout drawings	7,349.24	7,250.00	7,000.00	7,349.24			7,349.24	7,250.00	6,175.47				6,175.47	8.52%			
						Combine OLE Pole Lighting poles	55,485.59	52,500.00	50,000.00	55,485.59			55,485.59	52,500.00	44,718.91		3,308.28		4,471.89	8.52%			
						Amend OLE fillings at Depot Access Bridge	23,512.87	22,500.00	21,000.00	23,512.87			23,512.87	22,500.00	19,185.25		1,418.23		1,918.52	8.52%			
						Section 1C/D - Cheriot Square West End On Parking	3,398.08			3,398.08			3,398.08										
						Section 1B - Bus Gate at Shandwick Place	3,398.08			3,398.08			3,398.08										
						Section 1C/D - Saturn Studs at George Street and Frederick Street	1,000.00	750.00	800.00	1,000.00	1,000.00			1,000.00									no further action under this INTC Ref.
						Section 1C/D - Additional Traffic Management at Princes Street	1,000.00			1,000.00			1,000.00									no further action under this INTC Ref.	
						Section 1C/D - Production of As Built Drawing for Princes Street Diversion	1,000.00			1,000.00			1,000.00									no further action under this INTC Ref.	
						Access to Left Walk from 19/3/09																no further action under this INTC Ref.	
						Notified Departure due to the issue of SDS Design programme V41																no further action under this INTC Ref.	
						Notified Departure due to the issue of SDS Design programme V42																no further action under this INTC Ref.	
						Notified Departure due to the issue of SDS Design programme V43																no further action under this INTC Ref.	
						IFC Changes - Series 600 Earthworks Specification	100,000.00	75,000.00	50,000.00	100,000.00			100,000.00										
						IFC Changes - Series 1780 Structural Concrete Specification	100,000.00	75,000.00	50,000.00	100,000.00			100,000.00										
						Cycle provision at Haymarket Steps	1,240.61			1,240.61			1,240.61										
						Section 5B - Drainage Ditches	5,573.66			5,573.66			5,573.66										
						Additional Retaining Wall at Tower Bridge Pumping Station	6,756.54			6,756.54			6,756.54										
						Gogar Depot Earthworks - Northern Boundary Drainage Design	10,400.00	7,500.00	5,000.00	10,400.00			10,400.00										
						IFC Changes - Trackwork Specification (CVIS28-08)	250,000.00	225,000.00	200,000.00	250,000.00			250,000.00										
						IFC Drawing Changes - Trackform	300,000.00	250,000.00	200,000.00	300,000.00			300,000.00										
						Depot Floor - Pit for a manual bogie turntable	8,914.18	8,914.18	8,914.18	8,914.18			8,914.18	8,914.18	7,593.00		561.88		738.33	8.28%			
						Sample soil nailing on embankments between Russell Road & Water of Leith	44,065.77			44,065.77			44,065.77									partly approved (see 2.08a), figures here concerning not approved portion	
						Depot Pumping Station, manhole and rising main	65,023.69	22,012.44	22,012.44	65,023.69			65,023.69	22,012.44	43,011.25								
						BAJ Daxling Future Proofing (Eastfield Avenue) (Design Only)	13,982.34	13,982.34	13,982.34	13,982.34			13,982.34	13,982.34	11,910.00		897.94		1,191.00	8.52%		no further action under this INTC Ref.	
						Leith Walk Gyro System	5,036.92	4,500.00	4,000.00	5,036.92			5,036.92										no further action under this INTC Ref.
						Phase 4A/B Design																no further action under this INTC Ref.	
						Remove Soft Material from Sub Grade of Depot Access Road	36,804.83	25,000.00	20,000.00	36,804.83			36,804.83	25,000.00	18,196.36		3,502.88		1,481.16	2.25%			
						Revised IFC HRL Drawings Section 7	25,000.00			25,000.00			25,000.00									no further action under this INTC Ref.	
						IFC Drawing - 10																no further action under this INTC Ref.	
						Issue of MUDFA Programme Revision 8																no further action under this INTC Ref.	
						Additional white lining at Haymarket Station Car Park	4,393.63	3,930.65	3,930.65	4,393.63			4,393.63	3,930.65	487.38								no further action under this INTC Ref.
						Traffic management at Ventry House Access Road	10,841.52	7,500.00	5,000.00	10,841.52			10,841.52										no further action under this INTC Ref.
						Traffic Management for MUDFA Works	50,359.00	40,000.00	30,000.00	50,359.00			50,359.00										
						Utilities conflicts within 12 metre clearance zone	50,000.00	30,000.00	20,000.00	50,000.00			50,000.00										
						Site Wide Contamination	75,000.00	60,000.00	50,000.00	75,000.00			75,000.00										
						Track Drainage - Section 5A	71,938.55		-76,000.00	71,938.55			71,938.55										
						Notified Departure due to the issue of SDS Design programme V44																no further action under this INTC Ref.	
						Notified Departure due to the issue of SDS Design programme V45																no further action under this INTC Ref.	
						Notified Departure due to the issue of SDS Design programme V46																no further action under this INTC Ref.	
						Revised OLE location due to Scotiabank Power - Princes St at chain 121395	3,000.00	2,000.00	1,500.00	3,000.00			3,000.00										

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	OS	Description	Assessment			Status			Working Estimate					Remarks					
							Approved	Revised	Unapproved	Submitted	to be submitted	In principle agreed, but not approved	Not agreed	Approved	Budget for performance, design & estimate	Other claims 17.5%	Contractor 1.5%		OH&P / Margin	Margin in %			
				SDS		Change to street lighting at Haymarket Terrace	1,154.89	488.08	666.81	1,154.89			1,154.89	400.00	340.73		25.21	34.07	8.50%				
				SDS		Reinstatement of Bus Link	5,000.00	4,000.00	3,000.00		4,197.34					802.61					CO Value not issued - to be paid on Demonstrable Cost Basis		
				SDS		BAA New Burnside Road Alignment	6,977.67	6,500.00	6,000.00	6,977.67			6,977.67	6,500.00	5,536.62		409.71	553.67	8.00%				
				ALL		Stage D Drawings for Tram Stops	55,721.56	45,000.00	40,000.00	55,721.56			55,721.56										
						West District Energy End-treatment															not concerning BB UK/SDS		
						SB Drainage to Gaird Road Busway (L1)																	
						Alteration of traffic management at Lothian Road Junction	1,742.36			1,742.36			1,742.36										
						Re-use of existing kerbs	20,000.00	15,000.00	10,000.00		20,000.00											no further action under this INTC-Ref	
						TRD changes - informal consultation	91,501.56	75,000.00	60,000.00		91,501.56											no further action under this INTC-Ref	
						TRD changes - informal consultation - impact on IFC Drawing issue dates	167,801.75	150,000.00	120,000.00		167,801.75											not concerning BB UK/SDS	
						Forth Ports Substation - redesign	14,343.35	14,343.35	14,343.35	14,343.35		14,343.35	14,343.35	12,217.50			1,221.75						
						Forth Ports Substation - redesign	35,656.65	25,656.65	15,656.65		35,656.65												no further action under this INTC-Ref
						Network Rail lighting head-lighting																	
						Forth Ports drainage approval	13,819.57	10,000.00	10,000.00		13,819.57		13,819.57	12,000.00	10,221.46		756.39	1,022.15					
						Gogarburn Retaining Walls W14 and W15 - Survey and burn 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									
						Redesign of Drainage at BAA/CCRC Interface	1,171.00	1,171.00			1,171.00												
						BAA Drainage at Depot	20,000.00	15,000.00	10,000.00		20,000.00											no further action under this INTC-Ref	
						Underground Chambers - West - 4th & 4th Street																	
						Utility Works associated with Lindsay Road	3,133.70	2,500.00	1,000.00	3,133.70			3,133.70									no further action under this INTC-Ref	
						Accommodation Works - Relocate Access steps at 33 Ocean Drive	10,000.00				10,000.00												
						IFC drawing changes - Section 5B - Ducting and Cable Routes	788,985.31	688,000.00	500,000.00		788,985.31												
						Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	119,490.97	68,364.83	15,000.00	119,490.97			119,490.97	100,000.00	85,176.88		6,303.24	8,471.88				partly approved (see 2.08a) figures here concerning not approved portion	
						Tram Stop Development Workshop	25,000.00	20,000.00	15,000.00		25,000.00												
						Site Station Development Workshop - changes arising	145,043.59	100,000.00	80,000.00	145,043.59			145,043.59	100,000.00	85,176.88		6,303.24	8,471.88					
						Issued to Closeout DEC Roads TAA Sign Off	2,000.00	1,500.00	1,000.00		2,000.00												
						Proposed sewer lining at Water of Leith Bridge	59,708.68	40,000.00	40,000.00		59,708.68												covered by INTC 155
						Tower Place Bespoke Parapet																	
						Changes to substations arising from development workshops	25,000.00	20,000.00	15,000.00		25,000.00												no further action under this INTC-Ref
						Chamber 11 - Excavation below formation level	25,000.00	20,000.00	15,000.00		25,000.00												
						Manderston Street parallel track cross over	25,000.00	20,000.00	15,000.00		25,000.00												
						Gogar Depot South embankment reinstatement and associated drainageworks	50,000.00	40,000.00	30,000.00		50,000.00												
						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 Gogar busway	16,188.00				16,188.00												
						Testing to confirm piling at Leith Walk	54,197.94	40,000.00	30,869.64	54,197.94		30,869.64	23,528.31										
						Diversion of cables at Tower Place bridge	10,000.00	7,500.00	5,000.00		10,000.00												
						IFC drawing changes - Haymarket Car Park	145,331.73	100,000.00	75,000.00	145,331.73			145,331.73										
						BDD Design issued for Construction Drawings - Marryfield Station Tram Stop	20,000.00	15,000.00	10,000.00		20,000.00												
						IFC drawing changes - Section 5A - Ducting and Cable Routes	100,000.00	75,000.00	50,000.00		100,000.00												
						IFC drawing changes - Section 5C - Ducting and Cable Routes	100,000.00	80,000.00	70,000.00		100,000.00												
						IFC drawing changes - Section 1A - Ducting and Cable Routes	100,000.00	100,000.00	100,000.00		100,000.00												
						Price street arches																	
						IFC Issue drawings for Bus Lane and Tram only zones - System wide	732,253.05	600,000.00	500,000.00	732,253.05			732,253.05										
						Friderick Street pedestrian crossing	17,787.86	15,000.00	10,000.00	17,787.86			17,787.86	15,000.00	12,776.83		386.41	1,277.68					8.52%
						Bicardy Place - redesign north side to incorporate a fourth lane eastbound	33,395.60	25,000.00	20,000.00	33,395.60			33,395.60	25,000.00	21,294.72		1,575.81	2,129.47					8.50%
						RBS Tramstop - Provide Future Proofing	8,509.15	8,509.15	8,509.15	8,509.15			8,509.15	8,509.15	7,248.00		536.35	724.80					8.50%
						RBS Tramstop - Provide Future Proofing	41,490.85	31,490.85	21,490.85		41,490.85			41,490.85									
						Track side signage	20,000.00				20,000.00												
						Additional Lighting Columns at Carrick Knowe Bridge																	
						Removal of obstructions at Russell Road Retaining Wall	62,947.20	50,000.00	40,000.00	62,947.20			62,947.20	50,000.00	37,064.48		6,486.29	2,742.77					7.41%
						Additional footway across Depot Access Bridge	75,000.00				75,000.00												costs included in INTC 146
						IFC drawing changes - Section 7 - Ducting and Cable Routes	100,000.00	80,000.00	70,000.00		100,000.00												not concerning BB UK/SDS
						Russell Road Retaining Wall 4 - piling obstructions - alternative design required.	205,387.83	150,000.00	100,000.00	205,387.83			205,387.83										
						Reconstruct existing Scottish Water manhole at South St. David's Street																	no further action under this INTC-Ref
						IFC changes to Road Restraint Systems Specification	50,000.00	40,000.00	30,000.00		50,000.00												not concerning BB UK/SDS

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	QS	Description	Assessment			Status				Working Estimate					Remarks	
							Estimate	Approved	Unapproved	Submitted	to be submitted	In principle agreed, but not approved	Not agreed	Reason	Budget for performance, design & estimate	Other claims 17.5%	Contingency 5.0%	OH&P/Margin		Margin in %
			ALL			IFC changes to Road Markings and Studs Specification	58,000.00	40,000.00	30,000.00		50,000.00									
139			139	139	139	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	5,437.16			5,437.16										partly approved (see 2.08a), figures here concerning not approved portion
						Removal of asphalt from plots 96, 97, 101 & 102 at Russell Road RTW	2,522.63	2,250.00	2,000.00	2,522.63										
						Reduce scope St Andrew Square														
520						Traffic Management to accommodate re-Production of Buses on Princes Street														
						Disaster Recovery Centre														
522						Leith Walk railway bridge - special trackform	29,000.00	15,000.00	10,000.00		20,000.00									
						A8 Underpass - support and protect BT equipment	80,346.11			80,346.11										
524					Delay Only	Leith Walk BT apparatus diversions delaying commencement of Infraco works														
						Development workshop for earthing and bonding - changes arising	58,000.00	40,000.00	38,000.00		50,000.00									
528						Changes to Traffic Management at Grovenor Street	10,000.00	7,500.00	5,000.00		10,000.00									
						Revised Bus Access Road	100,000.00	75,000.00	50,000.00		100,000.00									
528						IFC Drawing Changes - Roads, Streetlighting, Drainage Section 5A	408,000.00	300,000.00	258,000.00	400,000.00										
						Gogar Landfill Profile Design	58,000.00	40,000.00	38,000.00	23,097.86	26,902.14									
					Delay Only	Notified Departure due to the issues of SDS Design programme V47														
					Delay Only	Notified Departure due to the issues of SDS Design programme V48														
					Delay Only	Notified Departure due to the issues of SDS Design programme V49														
533					Delay Only	Notified Departure due to the issues of SDS Design programme V50														
					Delay Only	Notified Departure due to the issues of SDS Design programme V51														
						Amendments to Tower Place Bridge	20,000.00	15,000.00	10,000.00		20,000.00									
538					Delay Only	Incomplete Utility Works														
						Noise and vibration Works Arising From the Study carried out under INTC 438	5,000.00	4,000.00	3,000.00		5,000.00									
						NOT USED														
						Edinburgh Airport Platform changes	1,200,000.00	1,000,000.00	800,000.00		1,200,000.00									
						Edinburgh Airport - CEC changes	25,000.00	20,000.00	15,000.00	20,177.54	4,822.46									
						Curry Works - change BS-100	1,902.71	1,750.00	1,600.00	1,902.71										
			1A/B/C/D			Transit and Linig modelling - Accom	41,253.43	30,000.00	25,000.00	41,253.43										
						Additional parapet upland on deck of Carrick Knowa bridge	13,130.94				13,130.94									
						Remove Bus Shelter in George Street	70,300.36	60,000.00	50,000.00		70,300.36									
						Airport Phase A works delay due to drainage setting out conflict	5,000.00	4,000.00	3,000.00		5,000.00									
						CECs amendments to street lighting	5,000.00	4,000.00	3,000.00		5,000.00									
						Removal and disposal of contaminated soil at Russell Road Retaining Wall	129,420.98	129,420.98	129,420.98	9,901.45	119,519.53									
						Below Ground Obstructions - Piling to Russell Road Retaining Wall W4	29,000.00	15,000.00	10,000.00		20,000.00									
						Edinburgh Airport CCRC Walkway Earthing and Bonding	20,000.00	15,000.00	10,000.00		20,000.00									
						Bus Gate protection or diversion of existing services	5,000.00	4,000.00	3,000.00		5,000.00									
						Edinburgh Park Private utility diversions being carried out by others	5,000.00				5,000.00									
					Delay Only	South Gyle Access Bridge Existing Sewer Diversions														
						South Gyle Access Bridge Hire of TM Equipment	24,530.65	15,000.00	10,000.00	24,530.65										
						A8 Underpass/Scottish Gas Main Diversion	18,000.00	7,500.00	5,000.00		10,000.00									
						A9 Underpass grouting of existing sewer	10,000.00	7,500.00	5,000.00		10,000.00									
						Scottish Power Cable at Gyle Stop RTW	10,000.00	7,500.00	5,000.00		10,000.00									
						Rev IFC drawings for Gogar Roundabout Lighting - amended at CEC's request	46,309.27	30,000.00	25,000.00	46,309.27										
						Lindsay Road - Additional road works	5,000.00	4,000.00	3,000.00		5,000.00									
					Delay Only	Delayed MJDA works preventing hand over to Infraco of Lindsay Road works														
						Reinstatement of Island on Princes Street - Change 130+286	10,000.00	7,500.00	5,000.00		10,000.00									
						Accommodation Works - Section 7														
						Topographical survey at Scotrol Depot	1,810.90	1,500.00	1,250.00	1,810.90										
						Paint Machine Position (SV-0116)														
					Delay Only	Delayed access to Shandwick Place due to MJDA delayed completion														
571					Delay Only	Delayed access to Giffan Terrace (phase 1) due to MJDA delayed completion														
						Out of sequence working at Haymarket/Lothian Rd due to MJDA delay	25,000.00	20,000.00	15,000.00		25,000.00									
						Forth Port Area - fence alterations	10,000.00	7,500.00	5,000.00		10,000.00									
						Remove surplus material from Plot 304	289,755.93	225,000.00	175,000.00	289,755.93										
						Developed kinematic envelope (DKE) - Site Wide	25,000.00	20,000.00	15,000.00		25,000.00									
						Section SB - Burials, Contamination	10,000.00	7,500.00	6,000.00		10,000.00									
						W19 - Gyle Stop retaining wall - protection of existing services	25,000.00	20,000.00	15,000.00		25,000.00									
						A8 Underpass - Phase 2 - Piling obstructions	25,000.00	20,000.00	15,000.00		25,000.00									
						A8 Underpass - Phase 2 - Change to pile to levels	40,247.80			40,247.80										
584						Finalises approval process changes by CEC	50,000.00	40,000.00	30,000.00		50,000.00									

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	OS	Description	Assessment			Status				Working Estimate					Remarks			
							Estimate	Approved	Unapproved	Submitted	to be submitted	In principle agreed, but not approved	not agreed	Estimate	Budget for performance, design & estimate	Other claims 17.5%	Contingency 5.0%	OSBP / Margin		Margin in %		
						Revisions to TRC public exhibition document - additional file comments	5,000.00	4,000.00	3,000.00		5,000.00											
						Lindsay Road RTW - Unforeseen Ground Conditions - Archaeological findings	10,000.00	7,500.00	5,000.00		10,000.00											
						Part reinstatement of Princes Street contingency route	21,946.88	17,500.00	15,000.00	21,946.88			21,946.88									
						Invasive Species - Giant Hogweed	5,000.00	4,000.00	3,000.00		5,000.00											
						Reinstatement of MUDFA Works in front of Ocean Terminal																
						Revised TM at junction of the Mound, Princes Street and Ranmore Street	10,000.00	7,500.00	5,000.00		10,000.00											
						New GEC comments - Advance directional signing for Constitution Street	10,000.00	7,500.00	5,000.00		10,000.00											
						Special track for construction at shallow depth obstructions	100,000.00	75,000.00	50,000.00		100,000.00											
						Section 2A - QCR Verification Results - TQ 1518	5,000.00	4,000.00	3,000.00		5,000.00											
						Revisions to TRC general overview document - additional file comments	5,000.00	4,000.00	3,000.00		5,000.00											
						Contaminated material at Murrayfield Transport W18 retaining wall	5,000.00	4,000.00	3,000.00		5,000.00											
						Revisions to IFC Issues - Section 08	10,000.00	8,000.00	6,000.00		10,000.00											
						IFC drawing changes - Section 2A - Ducting and Cable Routes	100,000.00	75,000.00	50,000.00		100,000.00											
						Haymarket Station - additional works to Network Rail access door	2,000.00	1,500.00	1,000.00		2,000.00											
						Possession of car park at Haymarket - unrestricted access	5,000.00	4,000.00	3,000.00		5,000.00											
						Haymarket Viaduct - remediation of soft ground - Technical Query no.1558	2,000.00	1,500.00	1,000.00		2,000.00											
						Victoria Dock Entrance Bridge - road safety audit on existing parapets	50,000.00	40,000.00	30,000.00		50,000.00											
						Lindsay Road RTW - Unforeseen ground conditions - 500mm dia. Concrete pipe	5,000.00	4,000.00	3,000.00		5,000.00											
						Lindsay Road RTW - Unforeseen ground conditions - sand layer	5,000.00	4,000.00	3,000.00		5,000.00											
						Bus Gate - Unforeseen ground conditions - existing Scottish Power LV cable	5,000.00	4,000.00	3,000.00		5,000.00											
						Bus Gate - Unforeseen ground conditions - existing foul water manhole	5,000.00	4,000.00	3,000.00		5,000.00											
						Lindsay Road radio mast - not to be removed	2,000.00	1,500.00	1,000.00		2,000.00											
						Bus Gate - discovery existing utilities - Street lighting, power supply and ducting	15,000.00	12,500.00	10,000.00		15,000.00											
						Tower Place Bridge Archaeological Findings West Abutment	2,000.00	1,500.00	1,000.00		2,000.00											
						Tower Place Bridge Archaeological Findings East Abutment	2,000.00	1,500.00	1,000.00		2,000.00											
						Tram stop - GEC and file comments not in accordance with Schedule Part 14	25,000.00	20,000.00	15,000.00		25,000.00											
						Accommodation Works at p105S1 and S2 at Farth Ports	5,000.00	4,000.00	3,000.00		5,000.00											
						Adaptation of the Forth Road Bridge	5,000.00	4,000.00	3,000.00		5,000.00											
						Adaptation of the Forth Road Bridge	5,000.00	4,000.00	3,000.00		5,000.00											
						Bus Gate existing drainage	2,000.00	1,500.00	1,000.00		2,000.00											
						WB Bard Drive RTW - contaminated material	10,000.00	7,500.00	5,000.00		10,000.00											
						Trackwork and Ducting (Jeff Amis)	5,000.00	4,000.00	3,000.00		5,000.00											
						Mounting of sign platform buildings and railings	5,000.00	4,000.00	3,000.00		5,000.00											
						Reserved for Graeme Angus																
						Turning head at depot accessed	20,000.00	15,000.00	10,000.00		20,000.00											
						Depot Access Bridge - piling obstructions	20,000.00	15,000.00	10,000.00		20,000.00											
						Tower Place Bridge East Abutment - discovery of HV cable	5,000.00	4,000.00	3,000.00		5,000.00											

sum of submitted & not approved	sum of submitted changes	sum of unapproved changes	sum of unapproved changes
70,775,040	45,424,569	2,070,137.63	2,070,137.63

Project: **Edinburgh Tram Network**
 as per: **30/04/2010**



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	0	19,100,000	30/06/2008		0	
May-08	ACCLUM	500,000	21,389,899	19,100,000	-2,289,899				19,100,000			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				21,389,899			19,100,000	
3	MONTH	-1,552,000	-23,803,998	-21,389,899	2,414,100	0	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	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				25,784,259		29/08/2008	25,784,259	
5	MONTH	1,046,633	971,518	739,994	-231,525	0	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				26,524,252			26,524,252	
6	MONTH	3,339,638	705,826	809,079	103,253	0	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				27,333,331			27,333,331	
7	MONTH	1,724,602	1,584,058	625,106	-958,953	0	0	0	625,106	22/12/2008		0	
Nov-08	ACCLUM	10,459,129	29,982,124	27,958,437	-2,023,688				27,958,437			27,333,331	
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	1,741,764	
Dec-08	ACCLUM	12,940,002	35,090,604	29,075,095	-6,015,509				29,075,095		23/12/2008	29,075,095	
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	1,858,032	
Jan-09	ACCLUM	13,524,254	41,050,724	30,933,127	-10,117,597				30,933,127			30,933,127	
10	MONTH	1,739,311	0	1,288,964	1,288,964	0	0	0	1,288,964	19/03/2009		0	
Feb-09	ACCLUM	15,263,565	41,050,724	32,222,091	-8,828,633				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 & 04/03/2009		2,979,868	
Mar-09	ACCLUM	16,842,385	41,050,724	35,754,680	-5,296,045				35,754,680	17/04/2009	17/03/2009	33,912,994	
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				37,982,534			35,754,680	
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				37,982,534			37,982,534	
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	2,264,088	
Jun-09	ACCLUM	24,194,286	50,914,824	40,246,623	-10,668,201				40,246,623			40,246,623	
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	4,560,338	invoiced: regular & Phase 1B
Jul-09	ACCLUM	25,725,560	57,217,961	48,006,960	-9,211,001				48,006,960	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	0	3,020,906	25/08/2009	05/08/2009	6,220,906	paid: Phase 1B
Aug-09	ACCLUM	32,037,605	59,395,299	51,027,866	-8,367,434				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				53,428,212			53,428,212	
18	MONTH	3,930,846	5,478,014	5,379,520	-98,494	0	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				58,807,732			55,622,894	
19	MONTH	7,287,813	0	4,173,384	4,173,384	0	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				62,981,116			58,807,732	
20	MONTH	3,634,709	6,183,662	2,737,744	-3,445,918	0	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				65,718,860			62,981,116	
21	MONTH	2,632,320	6,003,862	2,344,664	-3,659,197	0	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				68,063,524			65,718,860	
22	MONTH	4,076,901	4,529,095	2,153,902	-2,375,192	0	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				70,217,427			68,063,524	
23	MONTH	5,170,181	3,493,091	0	-3,493,091	0	0	0	0			2,153,902	
Mar-10	ACCLUM	62,553,066	87,749,099	70,217,427	-17,531,672				70,217,427			70,217,427	
24	MONTH	5,755,480	4,407,498	2,654,337	-1,753,160	0	0	0	2,654,337			2,654,337	
Apr-10	ACCLUM	68,308,546	92,156,597	72,871,764	-19,284,833				72,871,764			72,871,764	
												72,871,764	
												(w/o Advance Payment)	

Project: **Edinburgh Tram Network**as per: **30/04/2010**

2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	%	Corrective Actions
Mack001/10	21/04/2010	0	0	100%	6 no. Observations for improvement made to auditee

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

Audit-No	Date	NCRs raised	NCRs Closed-Out	%	Corrective Actions
TSA-09-01 (System Eng / Integration)	28/08/2009	4	2	50%	
TSA-09-03 (Design Assurance Process)	01/10/2009	4	4	100%	
tie Audit Design Assurance	27/28/01/2010				Report issued currently being reviewed

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	122	5	0	0%	1	0	1	0	100%
1B					0	0	0	0	0%
1C	13	12	12	92%	11	0	8	0	73%
1D	31	31	29	94%	4	0	2	0	50%
2	25	8	0	0%	8	4	3	0	38%
5A	12	0	0	0%	1	0	0	0	0%
5B	57	19	1	2%	15	0	6	0	40%
5C	27	4	0	0%	3	0	2	1	67%
6	37	24	0	0%	14	0	13	3	93%
7	68	10	10	15%	7	0	5	1	71%
System NCRs (non-audit)					64	4	40	5	63%
Cancelled					4	0	4	0	100%

3. Further quality-related events during this month

(please describe shortly)

The Internal Audit Schedule has received Level A-no objection status from **tie**. Internal auditing has begun accordingly. Results are posted in the table above. The ITP for ballast works is currently under development, it is awaiting resolution of TQ before it can be completed. **tie** have indicated that they will audit ongoing ITP's on a regular basis, Carrick Knowe bridge ITP's were audited on 13/04/2010 and Crummock ITP's at Bankhead Road on 27/04/2010, no issues were raised. The next audit planned is for Gogar Depot ITP's on 11/05/2010. A systematic review of the suitability of current ITP's and checksheets has been started. Comments/suggestions have been invited from subcontractors and BB staff.

Project: **Edinburgh Tram Network**

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2.12 Safety Information System - SIS

Bilfinger Berger Civil⁵ - Monthly Safety Report

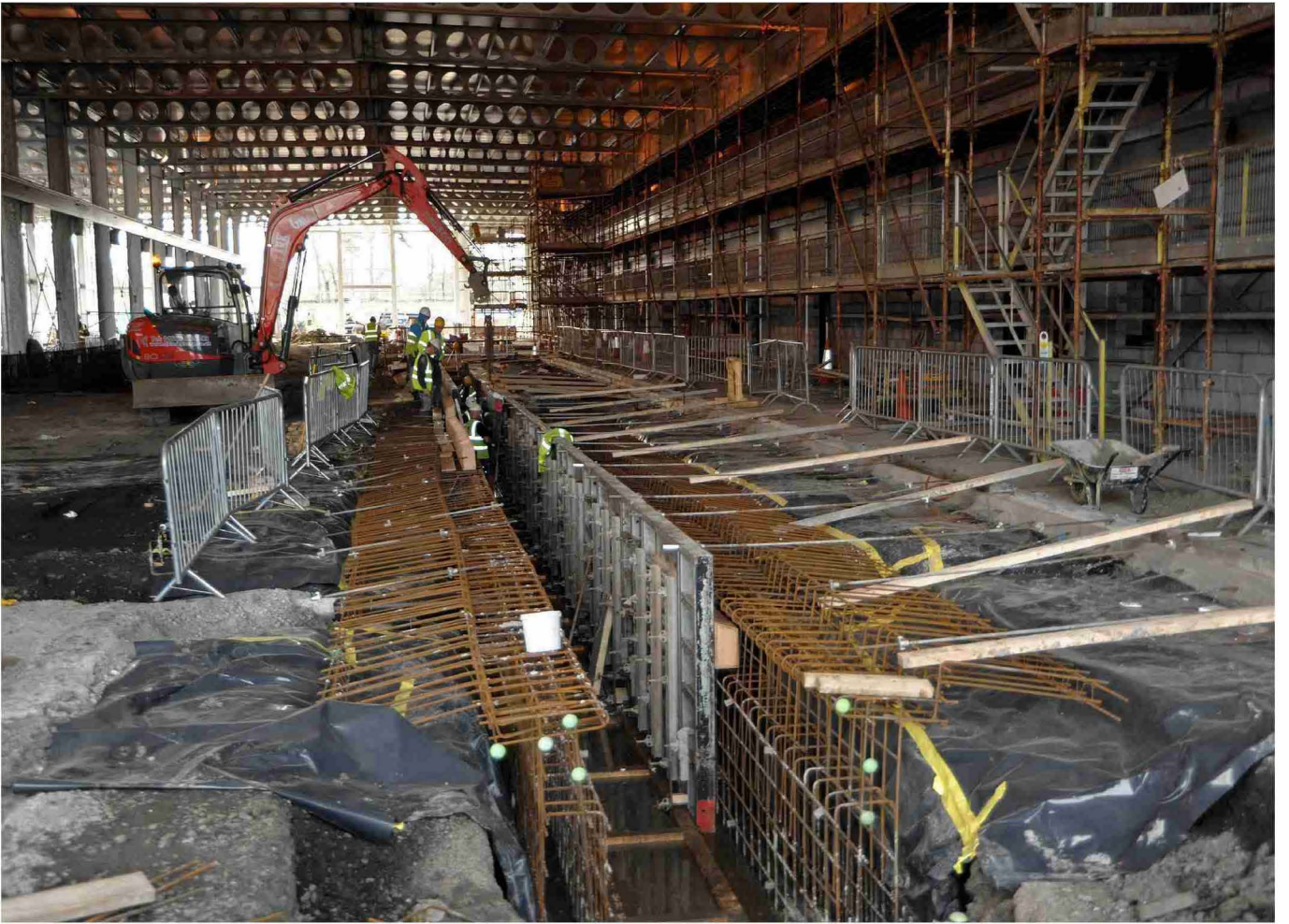
Month	April 2010	Prepared by	[REDACTED]				Contact phone or email.	[REDACTED]
Site or office and Unit ⁵ Edinburgh Tram Project	BB¹ Managers and Supervisors	BB¹ workers	JV people	Sub-contractors³	Agency / hired people under BB control	Total	Others, eg public	
Number	69		37	378	20	504		
Hours ²	13593		7289	64307	3940	89129		
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				23		23		
Incidents								
Causing damage				1		1		
Environment Ecology / Pollution				1		1		
Not work related eg flood, bomb scare						0		
Near misses, hazards reported				13		13		
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			
[REDACTED]	[REDACTED]	Bruising Upper left thigh and stable hairline fracture to fourth lumbar vertebrae	13.04.2010		23			
Return to OHS-Wi by 8th of following month		OHS-Wi email: QM@civil.Bilfinger.com		OHS-Wi fax 0049 (0)611 708 286				
<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 available or fit for work during a weekend, then it may not be a 3Day+</p>								

2.13 Project Photographs

see following pages

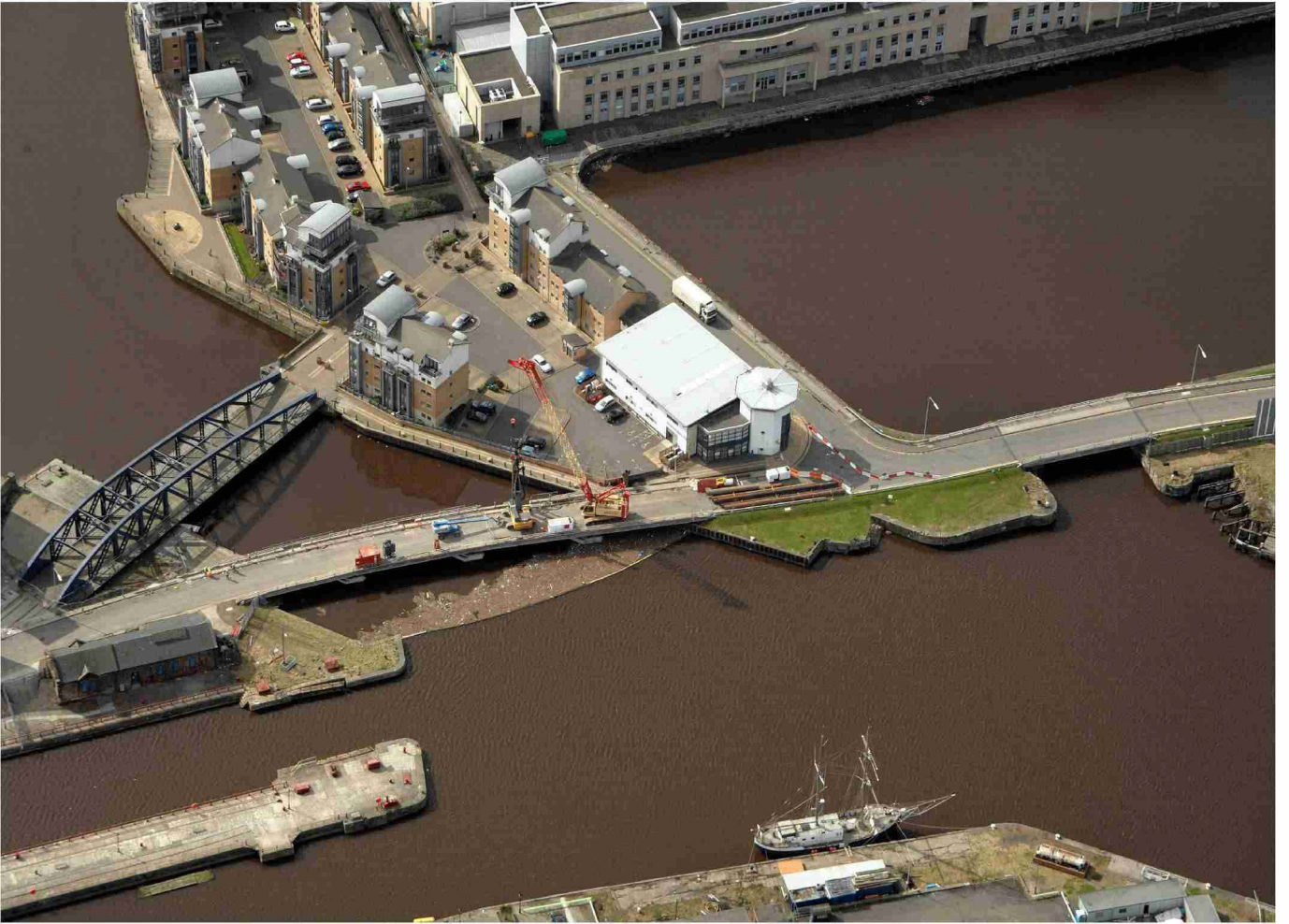
Picture 01	Section 7	Gogarburn Bridge
Picture 02	Section 6	Depot Building
Picture 03	Section 6	Depot Building
Picture 04	Section 6 / 5C	Depot Area & A8 Underpass
Picture 05	Section 5 C	Piling Works A8 Underpass
Picture 06	Section 5B	Carrick Knowe Bridge
Picture 07	Section 2A	Haymarket Viaduct
Picture 08	Section 1A	Victoria Dock Entrance Bridge
Picture 09	Section 1A	Victoria Dock Entrance Bridge
Picture 10	Section 1A	Lindsay Road Retaining Wall











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**
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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	5	3	3	0	0	0	2	13	0	13
2	Issued for External Approval (IFEA), to be IFC	4	20	0	129	14	2	7	47	129	176
3	Issued for Construction (IFC)	20	254	73	261	425	41	119	932	261	1193
4	Partially agreed for Construction (PAFC)	7	207	29	0	57	0	0	300	0	300
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
7	As Built	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	0	1	5	0	1	0	0	7	0	7
10	Not to be IFC	295	188	15	155	185	28	43	754	155	909
11	IFEA, but not to be IFC	95	65	7	41	48	22	22	259	41	300
New Design for Change Order:											
21	Draft, to be issued for construction	13	34	2	0	35	0	27	111	0	111
22	Issued for External Approval (IFEA), to be IFC	13	26	13	0	61	0	4	117	0	117
23	Issued for Construction (IFC)	21	32	6	0	90	65	10	224	0	224
25	Agreed for Construction (AFC)	0	0	0	0	0	0	0	0	0	0
26	For As-Built Info Incorporation	0	0	0	0	0	0	0	0	0	0
27	As-Built	0	0	0	0	0	0	0	0	0	0
28	Hand over	0	0	0	0	0	0	0	0	0	0
30	Not to be IFC	1	0	0	0	4	0	2	7	0	7
31	IFEA, but not to be IFC	0	22	0	0	1	1	1	25	0	25
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	4	16	4	0	3	0	3	30	0	30
42	IFEA, to be rev. for CO	20	19	1	0	8	5	6	59	0	59
43	IFC, to be rev. for CO	13	113	18	0	131	39	40	354	0	354
44	Draft, revised for COs	0	0	1	0	0	0	0	1	0	1
45	IFEA, revised for COs	6	11	6	0	5	0	2	30	0	30
46	IFC, revised for COs	22	207	21	0	158	155	30	593	0	593
50	Draft, withdrawn for CO	48	0	0	0	2	0	5	55	0	55
51	IFEA, withdrawn for CO	129	6	5	0	0	0	0	140	0	140
52	IFC, withdrawn for CO	0	26	4	0	39	5	0	74	0	74
Total (1~3+5-52)		709	1043	184	586	1210	363	323	3832	586	4418
Original SDS Design:											
Issued for Construction (3+5-8+43+46)		55	574	112	261	714	235	189	1879	261	2140
Total Issue for Construction (1~3+5-8+41~46)		94	643	127	390	744	242	209	2059	390	2449
Percentage of Completion IFC		58.5%	89.3%	88.2%	66.9%	96.0%	97.1%	90.4%	91.3%	66.9%	87.4%
SDS Design Incl. Change Orders:											
IFC incl. new Issues for CO (3+5-8+23~28+43+46)		63	493	100	261	673	261	159	1749	261	2010
Total IFC incl. new Issues for CO (1~3+5-8+21~28+41~46)		141	735	148	390	930	307	250	2511	390	2901
Percentage of Completion IFC		44.7%	67.1%	67.6%	66.9%	72.4%	85.0%	63.6%	69.7%	66.9%	69.3%