

EDINBURGH TRAM NETWORK

Monthly Project Report

November 2009

Draft for Board Meeting 16/12/2009



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: November 2009

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BL, PM, CCS

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1.01 Project Overview Charts



	<p>Project: Edinburgh Tram Network as per: 30/11/2009</p>	
1.02 Short note on Overview Charts		
1.2.1	Performance	
	<p>The current policy on site is still to limit work to elements which are unaffected by change or which are the subject of acceptable instructions from the client, such that in either case payment is secure.</p> <p>Works at Edinburgh Park Bridge, Depot and Gogarburn Bridge were performed on this basis limited. Instructed construction parts (Clause 80.15) at Carrick Knowe Bridge and Russell Road Retaining Wall are ongoing on demonstrable cost basis during dispute resolution in accordance with the contract.</p> <p>Princes Street was finished (except for OLE) and handed over to tie on 29/11/2009.</p>	
1.2.2	Project Cost	
	<p>The main cost overrun is due to cost and resource increases mainly caused by:</p> <ul style="list-style-type: none"> - subcontracts (standby claims, additional works) - extension of time (staff, financial, running site) - consultants and design works - insurances and bonds - cost for legal fees <p>Strict control measures on expenditures, employment etc. have been established as well as monthly cost control meetings with the relevant site management to increase awareness and effectiveness of cost control.</p>	
1.2.3	Project Result (Forecast)	
	<p>The margin per November adds up to a cumulative result of -146,647 GBP (-0.31%).</p> <p>The forecast shows a result of 0.42% caused by the fluent situation of the project, i.e. no agreement on over 300 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 9.08 %.</p> <p>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 still negotiating with tie on a possible Supplemental Agreement on demonstrable costs for the On Street works.</p>	
1.2.4	Payment Status	
	<p>The payments from the client tie remain in time based on the agreed invoice application before the invoice submission.</p> <p>Certified net from the client: £ 62,981,116</p>	
1.2.5	Cashflow	
	<p>The ETN project cashflow as per 30.11.09 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.</p> <p>Cash in net: £ 59,463,784 (incl. interest income) ./ net cash out £ 42,879,444 = £ 16,584,340 net cash balance</p>	
1.2.6	Contingencies	
	<p>The value for in the tender estimated contingencies is stable about £ 5,019,788 (see attachment 3.01).</p>	
1.2.7	Construction Programme	
	<p>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 13 months (02 October 2012). Further entitlement will be assessed on a new Contract Programme (Rev. 3), currently jointly developed with tie to be completed by January/February 2010.</p>	

1.03 General Information

1.3.1	Short note on progress, events this month		
	<p><u>Mobilisation</u> : Erection of Haymarket site office planned in january 2010.</p> <p><u>Design</u>: Production of civil and building drawings in accordance with the original design is 88% 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.</p> <p>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.</p> <p>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.</p> <p>Negotiations with SDS on an accelerated programme are close to finalisation, to achieve an completion of the design in spring 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> : Works on Princes Street are completed. 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 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>523 changes have been notified to date - 67 by tie and 456 by Infraco. 63 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 395 changes requiring estimates. 10 of these are not Bilfinger-related and are just concerning Siemens or CAF. Infraco has submitted 254 changes (of the remaining 385) for design only or for design and construction works. 108 changes (of the 254) have been approved or partly approved by a written tie change order. 131 estimates are still required. There are 38 estimates proceeding through the internal consortium approvals process.</p>		

Project: Edinburgh Tram Network
as per: **30/11/2009**

BILFINGER BERGER
Civil

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 BILFINGER BERGER VWB GMBH	Construction end date	16-Jul-11	05 Jun-12	325 days	
Currency:	GBP Rp. (all amounts without V.A.T.)	Total excl. Site Removal	38 month	49 month	2,796 %	
Rate of Exchange Top Sheet:	1 GBP = 1.25 EUR	Expired construction time	18.5 month	18.5 month	49 %	
	Actual: 1.10 EUR	Performance to date		47,038,955 GBP	29 %	
2. Total Contract Value		Date of Contract	Total Previous Month	November 2009	Total Reporting Month	
Contract Value with Client (first evaluation)	141,508,815 (incl SDS NovaAgree)					
Contract Value with Client (revised evaluation)	135,706,209 (incl SDS NovaAgree)	100.00%	157,987,315 116.4%	3,520,242	161,507,557	119.0%
Contract Value with 3rd Parties (without interest)			0 0.0%	0	0	0.0%
			157,987,315 116.4%	3,520,242	161,507,557	119.0%
3a. Provisional Sums		Total Previous Month	November 2009	Total Reporting Month		
SDS Novation Agreement Provisional Sums		1,681,397 1.2%	243,592	1,924,989	1.4%	
3b. Claims and Variations		Total Previous Month	November 2009	Total Reporting Month		
Claims and Variations approved (= Total VOs Approved - 3a. SDS Provisional Sums)		20,599,709 15.2%	3,276,649	23,876,358	17.6%	
Claims and Variations submitted but not approved yet		51,117,061 37.7%	655,843	51,772,904	38.2%	
Claims and Variations under preparation		25,560,761 18.8%	758,237	26,318,998	19.4%	
4a. Performance		Total Previous Month	November 2009	Total Reporting Month		
Performance for Actual Contract Value with Client		39,751,142 25.16%	7,287,813	47,038,955	29.12%	
Performance for 3rd Parties (without interest)		0 0.0%	0	0	0.00%	
Total Performance to Date		39,751,142 25.16%	7,287,813	47,038,955	29.12%	
Remaining Performance to Date		118,236,173 74.84%		114,468,602	70.88%	
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		39,751,142 25.16%	4,224,463	43,975,605	27.23%	
4b. Cost		Total Previous Month	November 2009	Total Reporting Month		
Actual Cost at Reporting Date		39,756,671 25.16%	7,428,931	47,185,602	29.22%	
5. Result		Date of Contract	Total Previous Month	November 2009	Total Reporting Month	
Planned Result for Contract with Client (first evaluation)	15,670,750 11.07%					
Planned Result for Contract with Client (revised evaluation)	9,868,139 7.27%		11,626,156 7.36%	117,602	11,743,758	7.27%
Actual Result at Reporting Date		-5,529 -0.01%	-141,118	-146,647	-0.31%	
Forecast Result at the End of Contract		0 0.00%	685,062	685,062	0.42%	
Weighted Result at the End of Contract (Likely Case)		15,582,000 9.08%	270,068	15,852,068	9.08%	
6. Invoices, Payment and Bank account		Total Previous Month	November 2009	Total Reporting Month		
Application to the client - excl. VAT	incl. Ret. Money	0 0.00%	67,539,390 42.75%	0	67,539,390	41.82%
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0 0.00%	58,807,732 37.22%	4,173,384	62,981,116	39.00%
Cash in from the client - excl. VAT	excl. Ret. Money	0 0.00%	55,622,894 35.21%	3,184,837	58,807,732	36.41%
Cash in from 3rd Parties - excl. VAT		0 0.00%	649,604 1.63%	6,448	656,052	1.39%
Interest income			37,341,147 23.64%	5,538,297	42,879,444	26.55%
Cash out (excl. VAT)			3,256 0.08%	-2,347,011	16,584,340	10.27%
Net Liquidity	credline	0 0%	18,931,351 11.98%			
7. Subcontractor Work (incl. Design)		Total Previous Month	November 2009	Total Reporting Month		
Total Portion of Subcontractor Budget	60,353,024 (incl. SDS)	44.47%	103,943,778 65.79%	3,066,170	107,009,948	66.26%
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				
Performance	Original planned		Actual / Forecast		Yearly Forecast	
	2008	2009	2010	2011	2012	Performance and Result in 2008
Jan	1,706	2,786	2,346	584	6,624 3,207 3,241	12,940,002 8.0%
Feb	2,526	4,026	2,026	1,739	3,194 3,215 3,237	Result 2 0.0%
Mrz	3,526	5,026	2,526	1,579	3,470 3,244 3,243	Performance and Result in 2009
Apr	4,526	5,276	2,526	3,035	3,122 3,281 3,240	Performance 37,899,478 23.5%
Mai	855	5,776	6,026	500	2,268 3,265 3,261 3,304	Result -2 0.0%
Jun	1,355	5,776	6,526	1,052	2,049 3,270 3,247 3,272	Performance and Result in 2010
Jul	2,375	5,776	6,526	1,331	1,531 3,244 3,280 3,184	Performance 42,470,706 26.3%
Aug	2,855	6,026	6,526	1,465	6,312 3,285 3,247 3,193	Result 395,791 0.9%
Sep	3,055	4,626	6,526	1,047	3,783 3,256 3,244 3,098	Performance and Result in 2011
Okt	2,855	4,026	6,526	3,340	3,931 3,205 3,261 350	Performance 38,833,498 24.0%
Nov	1,535	2,526	5,026	1,725	7,288 3,277 3,176	Result 164,719 0.4%
Dez	1,446	1,866	1,706	2,481	3,801 3,256 3,168	Performance and Result in 2012
Total	16,334	48,678	62,498	12,940	37,899 42,471 38,833 29,364	Performance 29,363,873 18.2%
					total: 161,508	Result 124,552 0.4%
	Linear Calculation					Total Performance and Result
						Performance 161,507,557 100.0%
						Result 685,062 0.4%

Edinburgh, 17/12/09

Edinburgh,

Place and Date

Foerder, Project Director

Place and Date

T Vogt, Commercial Manager

	Project: Edinburgh Tram Network as per: 30/11/2009	
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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	161,508	161,508	161,508		1 Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-160,822	-160,822	-160,822	
2	Unapproved, but in Job Site Estimate Integrated Changes	2,159	1,667	1,284		2 Unapproved, but in Job Site Estimate integrated Changes				
3	Total unapproved Changes	2,159	1,667	1,284		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	
5.1	Back Flow of Value Engineering	2,000	1,500	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	1,100	1,000	900
5.3	NET Revenue OSSA	3,400	3,400	2,000		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	12,600	11,500	5,000		Σ 5.1 : 5.20	Chances	3,300	2,000	900
6 = 1+3+4+5	Forecast Final Revenue	176,266	174,675	167,791		6 = 1+3+4+5	Forecast Final Costs	-157,522	-158,822	-159,922

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	176,266		
	Costs	-157,522		
	Result	18,744		
% Gross Margin based on Revenue Best Case	Revenue:	176,266	10.63%	
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		174,675	
	Costs	-158,822		
	Result	15,852		
% Gross Margin based on Revenue Likely Case	Revenue:	174,675		9.08%
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			167,791
	Costs	-159,922		
	Result	7,869		
% Gross Margin based on Revenue Worst Case	Revenue:	167,791		4.69%
Gross Margin previous month (most likely case)			6.99%	-0.27%
				-11.23%

	Project: Edinburgh Tram Network as per: 30/11/2009	
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001AK17 Edinburgh Tram 2009_11
Reporting Month: 17. R.P. 11.2009

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 IQxDJC-Rate	Variance to Date	Budget Original WQty.	Budget Orig. Contr. with AQty.	Budget VO's AQty.	Budget unapp'd VO's AQty.	Budget Total AQty.	Revised DJCt AQty.	% Complete	Cost to Complete (AQ-IQ)	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)	
Evaluation with Activity Model: Rev.3 20090908																					
25.1.201.42	Section 1 - Site Cost	141,590	8,085	149,675	190,486	0	40,811	190,486	40,811	3,135,322	3,135,322	0	0	3,135,322	2,935,322	64.9 %	2,744,836	2,894,511	240,811	40,811	
25.1.201.48	Section 1 - Small Subcontracts - TBA	0	0		240	0	240	240	240	320,806	320,806	373	0	321,179	321,178	0.07 %	320,938	320,938	241	240	
25.1.201.09	Section 1 - Seafloor/Soil	141,590	8,085	149,675	190,726	41,051	190,726	41,051	3,456,128	3,456,128	37	0	3,456,500	3,256,500	5.86 %	3,065,775	3,125,450	241,051	41,051		
25.1.201.31	Section A1+A2 - TBA	50,000	-7,000	43,000	0	0	-43,000	43,000	0	7,376,522	7,376,522	19,490	0	7,396,012	7,396,012	0.58 %	7,395,012	7,396,012	0	-43,000	
25.1.201..32	Section A3 - TBA	0	0		0	0	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	0		
25.1.201.10	BB Sub-Section 1-A	50,000	-7,000	43,000	0	0	-43,000	43,000	0	9,634,166	9,634,166	19,490	0	9,653,656	9,653,655	0.45 %	9,640,655	9,653,655	43,000		
25.1.201.40	Section 1-B (Main/Sub Cummock)	405,333	100,873	506,206	334,696	158,740	-12,770	506,207	3,948,145	3,948,145	12,964	158,740	4,119,849	3,981,798	12.71 %	3,475,591	3,981,797	138,052	-100,472		
25.1.201.11	BB Sub-Section 1-B	405,333	100,873	506,206	334,696	158,740	-12,770	506,207	3,948,145	3,948,145	12,964	158,740	4,119,849	3,981,798	12.71 %	3,475,591	3,981,797	138,051	-100,472		
25.1.201.43	Section 1C1 - TBA	0		0	0	0	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	0	4,335,508	4,335,508	20,987	0	4,356,495	4,356,495	0.30 %	4,343,377	4,356,495	0		
25.1.201.45	Section 1C3	125,000	1,138,500	1,263,500	1,015,143	125,000	-123,35	1,263,500	0	0	0	1,263,500	125,000	1,140,143	1,263,500	100.00 %	1,263,500	-123,35	-123,35		
25.1.201.12	BB Sub-Section 1C	138,118	1,138,500	1,276,618	1,028,266	125,000	-123,35	1,276,618	5,422,148	5,422,148	1,047,919	125,000	6,595,067	6,718,424	19.00 %	5,441,801	6,718,424	-123,35	-123,35		
25.1.201.52	Section 1D MacKenzie Sect	63,507	65,000	128,50	26,757	65,000	-36,750	98,606	-29,901	2,999,744	2,999,744	-860,625	179,152	2,317,271	2,662,436	3.70 %	2,563,830	2,692,337	-375,066	-36,750	
25.1.201.96	Supply Aree Princes Street	7,235,637	1,635,773	8,871,410	8,865,870	0	-5,540	8,865,870	-5,540	1,063,542	1,063,542	7,916,057	0	8,979,599	8,979,599	98.73 %	113,729	8,985,139	-5,540	-5,611	
25.1.201.13	BB Sub-Section 1D	7,299,144	1,700,773	8,999,91	8,892,627	65,000	-42,296	8,964,476	-35,448	4,062,286	4,062,286	7,055,43	179,151	11,296,870	11,642,036	77.00 %	2,677,560	11,677,477	-380,607	-42,361	
25.1.201.53	Site Costs/Remaining Works BB - TBA	683,441	18,63	702,078	261,950	0	-440,128	717,127	15,049	855,828	855,828	0	0	855,828	1,421,180	50.46 %	704,053	1,406,131	-550,303	-872,231	
25.1.201.54	Sub NN - TBA	471,583	49,296	520,879	213,370	0	-307,509	80,817	-15,008	4,656,841	4,656,841	260,215	0	4,918,856	5,182,970	9.76 %	4,677,099	5,197,798	-281,122	-5,500	
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	2,402,044	0	2,402,044	2,402,044	0.00 %	2,402,044	2,416,453	-14,409	-14,409	
25.1.201.56	S77 Edinburgh Park Station Bridge	4,678,577	199,019	4,877,596	3,575,221	0	-1,302,375	4,846,417	-31,179	4,674,535	4,674,535	178,738	0	6,085,066	7,238,649	61,116,245	-1,262,972	-1,635,328			
25.1.201.57	S28&A Underpass	562,119	80,695	642,814	374,118	0	-268,696	690,801	47,98	4,804,432	4,804,432	106,352	0	4,910,784	5,313,659	13.00 %	4,622,858	5,265,672	-354,988	-2,066,692	
25.1.201.58	Sub Structures/Substations - TBA	937,029	-271,998	665,031	435,915	0	-229,116	575,835	-89,196	6,078,372	6,078,372	3,205	0	6,081,577	6,203,726	9.28 %	5,827,891	6,292,922	-211,345	-229,116	
25.1.201.14	BB Sub-Section 5 A/B/C	7,147,158	75,648	7,422,806	4,866,574	0	-2,562,237	7,336,051	23,471,853	23,471,853	548,509	0	24,420,362	26,608,645	27.57 %	26,695,400	27,574,850	-5,125,486			
25.1.201.61	Section 2+5A (Main Sub Graham)	208,310	886,856	582,567	5,561	-298,728	789,860	-96,996	20,024,409	20,024,409	416,416	5,561	20,446,386	20,708,119	3.81 %	19,918,259	20,805,115	-358,728			
25.1.201.62	Section 5C4+7 (Main Sub Farnans)	2,029,714	209,301	2,219,015	1,771,106	93,215	-374,694	2,206,268	-32,74	5,738,972	5,738,972	111,025	93,215	5,934,212	6,414,490	34.40 %	2,206,222	6,447,237	-504,025	-1,089,221	
25.1.201.63	Section 6 (Main Sub Burj)	3,494,321	535,37	4,029,698	3,897,381	18,19	-114,120	4,001,483	-28,215	13,932,200	13,932,200	1,543,864	18,19	15,494,261	16,452,885	24.32 %	12,451,202	16,480,900	-986,639	-469,243	
25.1.201.15	Package Subcontractor	6,202,584	952,98	7,455,56	6,254,056	116,971	-787,539	6,997,612	-157,957	39,695,581	39,695,581	116,971	41,883,854	43,575,294	16.05 %	36,577,682	43,733,349	-1,849,391	-1,857,198		
25.1.201.31	Temporary Traffic Management - TBA	1,967,633	262,165	2,229,798	929,306	41,598	-1,258,894	2,278,228	-48,434	4,045,794	4,045,794	41,599	4,495,076	5,812,666	39.19 %	3,534,438	5,764,236	-1,269,460	-2,504,761		
25.1.201.32	Street Lighting - TBA	0	0	0	0	0	0	0	0	1,30,224	1,30,224	-10,267	0	1,119,957	1,30,224	0.00 %	1,130,224	1,30,224	-10,267		
25.1.201.33	Landscaping - TBA	0	0	0	0	0	0	0	0	150,000	150,000	0	0	150,000	150,000	0.00 %	150,000	150,000	0		
25.1.201.16	Construction Overall	1,967,633	262,165	2,229,798	929,306	41,598	-1,258,894	2,278,228	-48,434	4,045,794	4,045,794	41,599	4,495,076	5,812,666	39.19 %	3,534,438	5,764,236	-1,269,460	-2,504,761		
25.1.201.01	Construction	23,551,557	4,232,032	27,487,244	507,311	-4,789,034	27,592,917	-190,677	93,736,101	93,736,101	11,163,675	621,461	105,521,238	111,249,018	24.80 %	83,656,101	111,439,690	-5,988,452	-9,755,586		
25.1.201.64	Site Installation / Running Costs ..	1,685,544	152,837	1,838,381	1,589,226	17,001	-232,15	1,772,216	-66,165	1,988,002	1,988,002	1,988,002	1,344,580	3,359,269	4,108,098	43.14 %	2,335,882	4,174,263	-814,994	-538,136	
25.1.201.65	Staff	8,878,692	193,466	9,076,158	10,076,844	96,639	1,103,125	9,137,375	67,21	13,241,334	13,241,334	13,241,334	6,695,837	14,891,11	20,086,082	22,452,806	40.70 %	13,315,231	22,385,389	-2,293,307	2,703,381
25.1.201.66	Design And Engineering	5,838,873	424,59	6,263,470	4,814,791	581,575	-767,104	6,217,609	-45,861	3,308,815	3,308,815	704,319	6,805,641	8,033,406	77-40 %	1,815,797	8,079,267	-1,273,626	-991,090		
25.1.201.67	Insurances, Bonds, Interests	-232,842	61,018	-171,824	1,570,045	24,945	1,766,81	-161,071	10,75	2,552,277	2,552,277	1,796,213	38,97	4,387,467	5,747,135	-2.80 %	5,908,206	1,738,111	-1,348,915	1,766,814	
25.1.201.68	Tender Costs	1,148,541	-604,766	543,775	543,775	0	0	543,870	543,775	0	0	543,775	543,870	100.00 %	543,775	0	543,775	0			
25.1.201.71	Consultants	1,441,055	416,99	1,858,052	712,500	0	-1,145,552	1,734,480	-12,3,572	589,297	589,297	132,917	0	722,214	3,668,576	47.28 %	1,934,096	3,792,148	-3,069,934	-2,422,910	
25.1.201.02	Overhead	18,757,864	644,449	19,402,013	19,406,982	720,162	-19,244,479	-457,534	22,223,501	22,223,501	1										

Project: GB-2006-1001AK17 Edinburgh Tram 2009_11
Reporting Month: 17. R.P. 11.2009

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

Work / Cost Codes	Description	TO DATE							BUDGET CONTRACT AND EXECUTION					FORECAST FINAL						
		Actual Cost	Accruals	Actual Cost with Accruals	Actual Allowable incl. agreed VO's	Allowable for unapproved VO's	Variance to Date	Revised DJC I&JC-Rate	Variance to Date	Budget Original Wgt.	Budget Orig. Contr. with AQty.	Budget Agreed VO's AQty.	Budget unapp. VO's AQty.	Budget Total AQty.	Revised DJCt AQty.	% Complete	Cost to Complete (A-Q)	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)
Total Cost incl. Prime Cost Sums		42,309,421	4,876,181	47,185,602	41,894,334	1,227,516	-4,063,75	46,837,554	-348,048	125,838,070	125,838,070	23,925,729	1,540,358	151,304,157	160,822,49	29.1 %	113,984,941	161,170,543	-9,866,38	-13,964,784
Prime Cost Sums 0 / 0																				
Total Cost without Prime Cost Sums		42,309,421	4,876,181	47,185,602	41,894,334	1,227,51	-4,063,752	46,837,554	-348,04	125,838,070	125,838,070	23,925,729	1,540,35	151,304,157	160,822,49		113,984,941	161,170,54		

REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 1.0043, PFB = 1.0784)

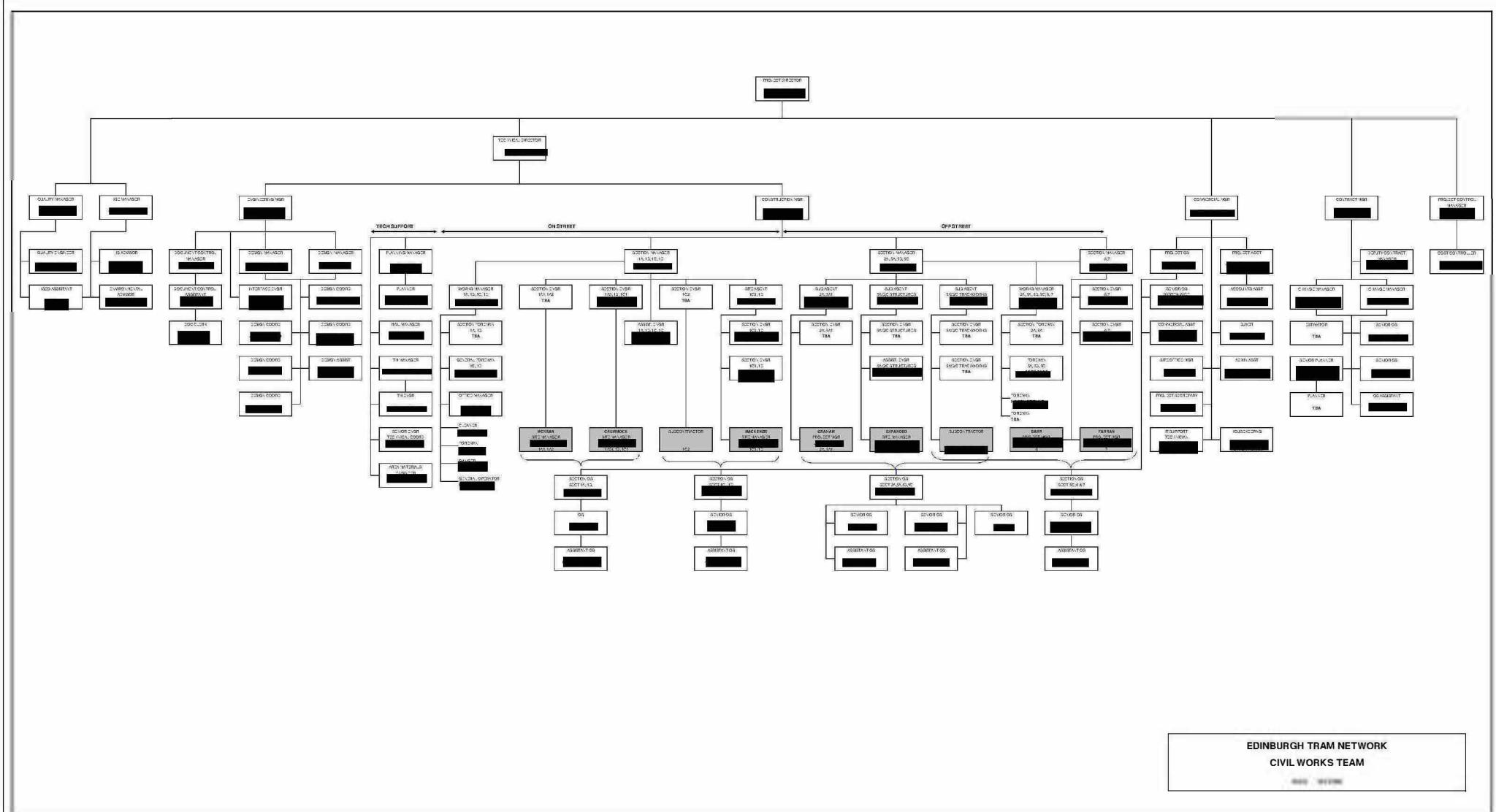
Total Cost without Prime Cost Sums	47,185,602	41,894,334		46,837,554	125,838,070	125,838,070	23,925,729		149,763,799	160,822,495					161,170,543				
Gross Margin		3,284,516		201,401	15,670,745	9,865,139	1,875,619		11,743,758	685,062						337,014			
Gross Margin in % from Performance		7.27 %		0.43 %		11.07 %	7.27 %		7.27 %	0.42 %					0.21 %				
Performance without Prime Cost Sums		45,178,85		47,038,95		141,508,815	135,706,209	25,801,34		161,507,557	161,507,555					161,507,55			
Actual Cost to date		47,185,60		47,185,60															
Gross Margin to date		-2,006,752		-146,647															
Gross Margin to date in % of Performance		-4.44 %		-0.31 %															
Performance Prime Cost Sums																			
Total Performance		45,178,850		47,038,955		141,508,815	135,706,209	25,801,348		161,507,557	161,507,557					161,507,557			

Revenue according WBS

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0146, PFB = 1.0785)

Total Cost without Prime Cost Sums	43,121,850		46,837,554	125,838,070	125,838,070	23,925,729	1,540,358	151,304,157	160,822,495						161,170,543					
Gross Margin		3,185,065		683,828	15,670,745					11,870,406	2,357,068					3,004,030				
Gross Margin in % of Performance		7.28 %		1.44 %		11.07 %				7.27 %	1.44 %					1.23 %				
Valued Performance without Prime Cost Sums		46,506,91		47,521,38		141,508,815	135,706,209	25,801,34	1,667,00	163,174,563	163,174,56					163,174,563				
Actual Cost to date		47,185,60		47,185,60																
Gross Margin to date		-678,687		-678,687																
Gross Margin to date in % of Performance		-1.46 %		-1.43 %																
Performance Prime Cost Sums (incl. valued performance)																				
Total Performance (incl. valued performance)		46,506,915		47,521,382		141,508,815	135,706,209	25,801,348	1,667,006	163,174,563	163,174,563						163,174,563			
Revenue according WBS (VO's valued)																				
Revenue according WBS (VO's valued by 100%)																				

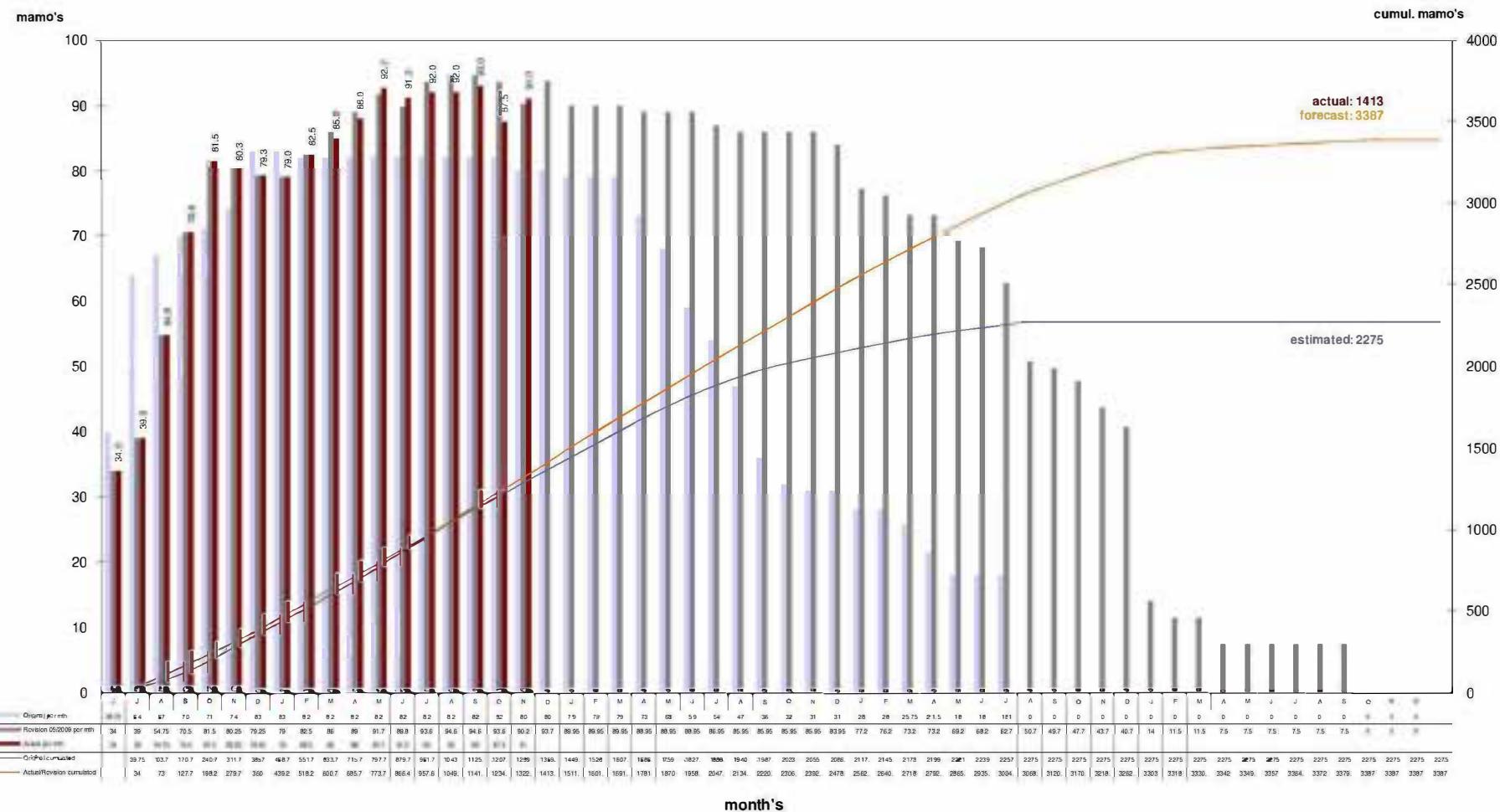
2.05 Organisation Chart



EDINBURGH TRAM NETWORK
CIVIL WORKS TEAM

2.06 Staff Chart

Staff mamo performance Edinburgh Tram



2.08a Approved Change Orders

2.08a Approved Change Orders

INTC	TCO	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 %		
330	049	1.10	1@	40	Sky	Install additional gully Chainage 250 RHS	08/05/09	2,170.14	1,579.55	304.08	126.57	157.96	7.28%		
157	050		Farrans	62	OHu	Survey of Existing Drainage (Gogar Landfill)	01/05/09	4,027.46	2,931.41	564.30	236.62	293.13	7.28%		
324	051	1.10	5C	57	GAn	A8 Underpass Phase 1 Piling Obstructions	01/05/09	4,613.58	3,420.00	598.50	253.08	342.00	7.41%		
340	052		5C	56	GAn	Edinburgh Park Bridge South Abutment Base - Existing service (cable)	01/05/09	609.69	451.95	79.09	33.44	45.21	7.42%		
390	053		5@	54	GAn	Carrick Knowe chainage 520200 to 520240 - sub-grade improvement	15/05/09	98,501.39	71,694.73	13,801.24	5,635.95	7,169.41	7.28%		
360	054		SDS			Alteration of Design at North Ports Road B	15/05/09	11,932.54	10,164.00		752.14	1,016.40			
361	055		5A	53	GAn	Scottish Power Utility Diversion near Murrayfield Station	05/06/09	8,689.80	6,188.55	1,217.54	514.85	768.86	8.85%		
167	056	1.10	5A	53	GAn	Accommodation Works to Wanderers Clubhouse Building at Murrayfield	26/05/09	191,060.84	141,631.46	24,785.51	10,480.73	14,163.11	7.41%		
336	057		1@	40	Sky	Remove ornamental iron bells from Groathill Depot	03/06/09	406.26	301.15	52.70	22.29	30.12	7.42%		
042	058		SDS	66		Delay and Disruption to Renfrewston Tramstop Landscaping	01/06/09	2,409.05	2,052.00		151.85	205.20	8.52%		
392	059		5@	56	GAn	Pier 1 Base Formation - Section 5B	03/06/09	561.45	408.65	78.61	33.26	40.61	7.28%		
336	060		BS	64		Extension to Site Office for tier/SDS personnel	02/06/09	150,000.00	120,096.08	21,016.81	8,887.11	0.00	0.00%		
349	061		TM	21	Sky	Traffic Management contingency for Emergency Utility Works	02/06/09	404.70	300.00	52.50	22.20	30.00	7.41%		
385	062		TM	21	Sky	Section 1C/1D - Additional MASS barriers on Great Stuart Street	02/06/09	915.27	678.48	116.73	50.21	67.85	7.41%		
074	063		BS	64/65		Sewer diversion, Gogar Landfill	08/06/09	1,433.79	1,213.64		98.79	121.36	8.46%		
350	064		Farrans	62	OHu	Protected Species mitigation measures	05/06/09	9,362.22	6,662.20	1,204.48	509.32	666.21	7.41%		
273	065		SDS	BS	64/65/66	Gogarburn Retaining Wall W14 - Re-design Water Mains and Gas Main	07/07/09	1,156.57	981.36		77.07	98.14	8.49%		
222	066	1.10	1@	40	Sky	Discovery of valves and a hydrant fouling the new kerb line - 120 RHS	10/06/09	617.61	457.83	80.12	33.88	45.78	7.41%		
236	067		TM	21	Sky	Temporary Traffic Lights opposite Manderson Street required	04/09/09	15,084.79	11,182.21	1,956.89	827.46	1,118.21	7.41%		
243	066		SDS	66		Forth Ports Substation - lack of as-built information	10/06/09	7,824.12	6,664.50		493.17	666.45	8.52%		
352	069		TM	21	Sky	Off-peak Taxi Rank at George Street	10/06/09	2,213.71	1,641.00	287.18	121.43	164.10	7.41%		
409	070		SDS	66		Forth Ports - New construction at Ocean Drive	10/06/09	2,817.60	2,400.00		177.60	240.00	8.52%		
259	072		SDS	5@	54/66	GAn Cycleway at Edinburgh Park Station repositioned outwith the LOD	15/06/09	52,094.65	39,609.70	5,340.56	3,221.42	3,922.91	7.53%		
171	073		Consultants	71	Sky	Contract with Faber Maunsell for Transyt and Lirisig Modelling Assessments.	15/06/09	64,809.00	48,043.00	8,407.52	3,555.18	4,803.30	7.41%		
373	074		Farrans	62	OHu	Transfer MUJFA Utility Diversion Sect. 5C-Conflict Schedule 5C/TE/D/05	17/06/09	3,269.10	2,379.47	458.05	193.69	237.89	7.28%		
371	075		Farrans	62	OHu	Transfer MUJFA Utility Diversion Sect. 5C-Conflict Schedule 5C/TE/D/05	17/06/09	855.81	622.91	119.91	50.70	62.29	7.28%		
307	076		Graham	61	GAn	Contaminated Soil assessment at Haymarket Depot	11/06/20/06/09	54,986.59	40,761.00	7,133.18	3,016.31	4,076.10	7.41%		
439	077		SDS	66		SDS proposed office move to Edinburgh Park - IT costs	07/07/09	28,000.00	20,756.12	3,632.32	1,535.95	2,075.61	7.41%		
203b	076		Depot	63	OHu	Structural Steelwork	15/07/09	270,372.87	196,792.25	37,882.51	16,018.89	19,679.22	7.28%		
203a	079		Depot	63	OHu	Foundations	15/07/09	47,782.16	34,778.48	6,694.86	2,630.97	3,477.85	7.28%		
449	080		5@		GAn	Reinstatement of Bus Link	23/07/09							CO Value not issued - to be paid on Demonstrable Cost Basis	
419	082		TM-1C	21/43	Sky	Replace MASS barriers at St Andrews Square	14/08/09	22,896.58	16,973.00	2,970.27	1,256.00	1,697.31	7.41%		
279	064		SDS	66		West Pitton Tram stop	29/07/09	859.3	732.00		54.17	73.20	8.52%		
413	084		Farrans	62	OHu	Provide local protection of sewer at Chainage 711990	31/07/09	2,696.95	1,999.22	349.86	147.94	199.93	7.41%		
179	85/66	1.10	SDS	66		Gatehouse Works to Murrayfield Stadium Part 1	05/08/09	143,493.91	122,226.50		9,044.76	12,222.65	8.52%		
234	089	LPS	1@	40	Sky	Leith Walk (Section 1@) Groundworks - Move THUS ducts - Ch345 - 365	11/09/09	6,562.03	4,864.37	851.26	359.96	466.43	7.41%		
202	090		Farrans	62	OHu	IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	12/08/09	13,308.4	9,730.32	1,873.08	792.05	973.02	7.28%		
401	092		Farrans	62	OHu	Additional earthworks to western approach embankment at Gogarburn Bridge	13/08/09	36,616.19	26,851.26	5,130.34	2,169.41	2,665.13	7.28%		
203g	093		Depot	63	OHu	Secondary Steelwork	17/08/09	2,355.95	1,714.79	330.10	139.58	171.48	7.28%		
334	094		Farrans	62	OHu	Access at New Ingliston	20/08/09	5,627.59	4,282.94	784.59	331.77	428.29	7.35%		
115	095		5@		GAn	IFC Drawing Change Carrickknowe Bridge	27/08/09							CO Value not issued estimate was referred to Dispute Resolution Procedure	
116	096		BS	64/65		IFC Drawing Change Cathedral Lane Sub Station	31/08/09	1,229.7	1,040.91		84.73	104.09	8.46%		
407	097		Depot	63	OHu	Hard material within Gogar excavation	02/09/09	35,806.89	26,062.23	5,016.98	2,121.47	2,609.21	7.28%		
091	098		5@	56	GAn	Reference ETN002 Edinburgh Park Structure (S@7) Earthworks/Foundations.	04/09/09	52,388.71	37,750.68	7,802.57	3,060.36	3,775.06	7.21%		
337	099		TM-1@	21/40/71	Sky	Testing to carriageway at Leith Walk	04/09/09	15,452.46	11,454.75	2,004.58	847.65	1,145.48	7.41%		
437	102		5@	58	GAn	Carrick Knowe works outside the LOD	23/11/09	4,323.55	3,205.00	560.88	237.17	320.50	7.41%		
121	103	DPS	1C/D	57	SSm	Urban Traffic Controls (UTC) associated with delivery of the alignment								Instruction of ProvSum Current Value just partially (only Siemens)	
304	104	DPS	1C/D	57	SSm	Provisional Sum for extra Over for Shell Grip at Junctions	12/10/09	156,259.21	113,726.94	21,693.80	9,257.95	11,378.52	7.28%	Instruction of ProvSum Current Value just partially	
475	105.1	LPS	5@	57	GAn	A8 Underpass - Twicks - Steep 2 way and 4 way ducts	09/10/09	94,954.26	70,144.03	12,275.21	5,190.66	7,344.38	7.73%		

2.08a Approved Change Orders

INTC	TCO	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 %		
466	105.2		SDS	66		TRO Changes September 2009		3,430.43	2,922.00		216.23	292.20	6.52%		
362	106		5B	56	GAn	Edinburgh Park Bridge - Approach Ramps additional earthworks	09/10/09	165,000.00	134,653.16	25,920.74	10,960.77	13,465.31	7.28%		
414	107		21/61	Sky/GAn		Sample soil nailing to embankments between Russell Road & Water of Leith	09/10/09	44,716.35	33,149.26	5,801.12	2,453.05	3,314.91	7.41%		
431	106		5B	57	GAn	Slew existing BT duct at A8 underpass	13/10/09	22,646.79	16,934.93	2,965.19	1,253.18	1,593.49	7.41%		
125	109		61/66	GAn		Unforeseen Ground Conditions at Haymarket Viaduct	22/10/09	94,317.38	68,649.54	13,215.01	5,588.06	6,664.71	7.25%		
191	110		1B	46	SKy	Discovery of concrete encased lighting cable - Charinge 339 RHS	26/10/09	179.5	133.51	23.29	9.85	12.92	7.19%		
242			SDS	66		TRO Presentations by SDS to the public during September 2008	04/11/09	23,480.00	20,000.00		1,460.00	2,000.00	6.52%		
77A	112		SDS-Farrans	62/66	OHu	DESIGN ONLY to Amend line of route design section 5#c (Patch 5/22)	13/11/09	5,368.54	4,251.90	321.55	369.90	425.19	7.92%		
203j	114		Depot	63	OHu	ODDI to IFC changes to depot access road	13/11/09	76,674.66	57,263.89	11,023.30	4,661.26	5,726.39	7.26%		
112	115		Graham	61	GAn	IFC Drawing Change Haymarket Viaduct	04/11/09	96,173.00	70,000.00	13,475.00	5,698.00	7,000.00	7.28%		
001A-D	116		EOT1	64/65/67		IFC dates entered into the Schedule Part 15 (Sect 1A-1D)	04/11/09	2,225,000.00		1,415,767.50	606,757.50	202,475.00	9.10%		
426	121		BSC	64/65		Alteration of Drainage at Eastfield Avenue to avoid a clash with Utilities	13/11/09	1,064.74	903.64		70.74	90.36	6.49%		
309	123		5B	56	GAn	Edinburgh Park Bridge (S27) - South Abutment Base Formation	25/11/09	9,494.75	5,473.85	3,030.24	443.35	547.51	5.77%		
429			EOT2a	64/65/67		Issue of MUD-A Programme Revision 8	13/11/09	6,600,000.00		4,199,580.00	1,799,820.00	600,600.00	9.10%		
							Changes	TOTALS:	25,801,347.30	14,213,869.77	6,996,079.23	2,715,780.12	1,875,618.18	7.27%	

BILINGER BERGER Civil

Project: Edinburgh Tram Network
as per: 30/11/2009

2.08b Unapproved Changes

INTC	TCO	Section	Activity	QS	Description	Assessment			Status			Working Estimate					Remarks	
						Accepted	Rejected	Minor	Rejected	In principle agreed, but not approved	Not agreed	Revised	Budget for performance design & estimate	Other Prnts (%)	Consortium Fee (%)	O/H & P Margin	Margin %	
200					Instruction toprioced with Hilton Hotel Car Park	90,068.00				132,845.32			102,845.32					
200					Instruction toprioced with Russell Road Bridge													
200					Instruction toprioced with Haymarket Viaduct													
200					Instruction toprioced with Gogarum Bridge													
200					Archaeological Survey currently ongoing in area Gogar Tramstop - Sect 7												no further action under this INTC Ref.	
200					Archaeological Dig currently ongoing in area Gogar Tramstop - Sect 5C													
200					Archaeological Dig at Gogar Tramstop causes damage to Tram Cables												no further action under this INTC Ref.	
200					No completion of 800 mm dia Water Main Diversion in Depot Area												no further action under this INTC Ref.	
200					No completion of 250 mm dia Water Main Diversion in Depot Area												no further action under this INTC Ref.	
200					No completion of 1500 mm dia Sewer Diversion in Depot Area												no further action under this INTC Ref.	
200					South Gyle Access Bridge west abutment piled foundations	100,000.00	85,000.00	60,000.00	72,503.68		72,533.68	65,000.00	55,265.27		4,097.11	5,536.93	8.52%	
Depot	■HU				No completion of various Utility Meters in Depot Area	100,000.00	85,000.00	60,000.00	72,503.68		72,533.68	65,000.00	55,265.27		4,097.11	5,536.93	8.52%	
200					Asbestos in/ in walls Steps to Haymarket Station Carpark												no further action under this INTC Ref.	
200					Instruction toprioced with Verti House Access Road pre-F.C.												no further action under this INTC Ref.	
200					Instruction toprioced with demolition of Canez Leekhouse pre-FV													
200					Delay to issue of Picardy Place (Batch 1) to CEC for Prior Approval													
200					Delay to F.C Submissions(Sect. 1) due to changed approval periods													
200					Delay to F.C Submissions(Sect. 1) due to changed approval periods													
200					CEC failure to approve within agreed timescales												no further action under this INTC Ref.	
200					Network Rail failure to approve within agreed timescales												no further action under this INTC Ref.	
200					New Requirements Public Realm Design Workbook (SIS Letter 48)												no further action under this INTC Ref.	
200					Delay and disruption to Dore Road Gardens Bridge F.C.												no further action under this INTC Ref.	
200					Delay and disruption Roseburn Tercus Bridge, Tarnstop, Ret.Walls												no further action under this INTC Ref.	
200					Delay and disruption Road detailed designs SIS Letter 01074												no further action under this INTC Ref.	
200					Delay and disruption of Rossdale detailed designs SIS Letter 01074												no further action under this INTC Ref.	
200					Delay and disruption Ground Investigation												no further action under this INTC Ref.	
200					Delay and disruption to Ravenston Terminus, Byres Bridge												no further action under this INTC Ref.	
200					Sky Amendment to Ocean Terminal Layout	146,451.25	75,000.00	-25,000.00			-25,291.00	171,552.25						no further action under this INTC Ref.
200					Delay and disruption due to amended design A25920 Ballof St/TramStop												no further action under this INTC Ref.	
200					Delay and disruption due to amended design SIS2530040												no further action under this INTC Ref.	
200					Delay and disruption due to amended design SIS24720												no further action under this INTC Ref.	
200					Sky TN06 External Sheet Public Realm Works	1,005,728.22			1,005,728.22		720,356.00	546,372.22						
200					TNC004 Water Main Diversion only	126,513.46			60,000.00			126,513.46						
200					Sky TNC007 St Andrews Square Public Realm Works as CEC's specification	11,407,359.57				11,407,669.57		4,170,120.12						
200					Delay & disruption due to late approval EEC of SIS27980												no further action under this INTC Ref.	
200					Delay & disruption due to late targeting Section 1A Batch 1.08												no further action under this INTC Ref.	
200					Delay & disruption due to late approval EEC of Section 1 B												no further action under this INTC Ref.	
200					Notification from CEC with respect to road safety Auditors comments for Haymarket												no further action under this INTC Ref.	
200					Notice requirement acc. With Schedule 4 Due to Asbestos Survey	14,401	10,000	14,401			14,401						partly approved (see 2.084); figures here concerning not approved portion	
200					Division of Existing Lower Gogarum Bridge - conflict with the 300mm dia	34,129.39	34,129.39	60,000.00			34,129.39	25,973.33	30,000.00	1,056.25	2,597.33	7.81%		
SIS-Fairfax	■HU				Infrastructural investigations for use of SIS funded material	100,000.00			100,000.00		67,895.12						no further action under this INTC Ref.	
200					TeleWise UK Sheet Piling Supplier & Contractor - Port												not concerning TELEWISE	
200					TNC009 Ocean Terminal Revised Fitouts	4,165.78	3,500.00	3,000.00	4,165.78		4,165.78	3,500.00	2,982.74					not concerning TELEWISE
200					Murrayfield Retaining Walls - Introduce Visual Pattern to Murrayfield RTW	3,243.16	2,750.00	2,500.00	3,243.16		3,243.16	2,750.00						not concerning TELEWISE
200					Revised specification (RIS) Gogarum Tramstop Version 2	7,583.07	6,000.00	5,000.00			7,583.07							no further action under this INTC Ref.
200					Revised specification (RIS) Gogarum Tramstop Version 2	2,000,000.00	1,750,000.00	1,500,000.00									no further action under this INTC Ref.	
SOS					Murrayfield Tramstop - Provision of Secondary Structures	32,648.35			15,000.00	32,648.35			21,294.72					no further action under this INTC Ref.
200					Edinburgh Park - Earthworks and Drainage F.C. Drawings												no further action under this INTC Ref.	
200					Gyle Stop Retaining Wall												no further action under this INTC Ref.	
200					Bankhead Retaining Wall												no further action under this INTC Ref.	
200					FoW to be Low Site F.C. Drawings (Ass8)												no further action under this INTC Ref.	
200					Haymarket/Roseburn Junction - SW Consent Issues (Ass8)												no further action under this INTC Ref.	
200					Rosie's Retaining Wall - Construction Negligence												no further action under this INTC Ref.	
200					Severn Division, Gogar Landfill	100,000.00	20,000.00	15,000.00									no further action under this INTC Ref.	
Depot	■HU				Temporary Access Ramp from Depot	183.46											partly approved (see 2.084); figures here concerning not approved portion	
SIS-RSC-Depot	■HU				Gogarum (Public Transport) proposals GRIP options 4 & 4.2	3,000,000.00			400,707.33	2,599,232.67			400,707.33					partly approved (see 2.084); figures here concerning not approved portion

Project: Edinburgh Tram Network											BILFINGER BERGER Civil							
as per: 30/11/2009																		
2.08b Unapproved Changes																		
Assessment					Status				Working Estimate									
INTC	TCO	Section	Activity	QS	Description	Budget	Costed	Margin	Actual	In principle agreed, but not approved	not agreed	Revenue	Budget for performance, design & estimate	Other Prims %	Consumable Fee %	OH & P Margin	Margin in %	Remarks
																		13x12.6
					Design entry for alterations to design of Edinburgh Airport	40,000.00	40,000.00	0.00%	40,000.00		45,000.00	38,330.49		3,633.05	8.52%			
		SDS			Instruction from CEC to design an alternative layout for Haymarket Junction	52,167.66	43,000.00	35,000.00	52,167.66		52,167.66	36,330.49		2,833.46	8.02%			
					Gogarburn Retaining Wall - CEC requesting change to height of the wall	4,500.00	4,000.00	4,399.89	4,500.00		4,399.89	3,230.00		383.30	8.02%			
					Environmentally Friendly Lighting - CEC have requested using 42 pt lamp	10,000.00	8,000.00	11,099.77	10,000.00		10,000.00	8,517.89		630.32	8.02%			
					Traffic Management - To my own Traffic Signs												no further action under this INTC-Ref.	
		Sky			TNC0108 - Lindsay Road Retaining Wall Cost Estimate	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00		1,000,000.00	1,000,000.00						no further action under this INTC-Ref.
					MUDFA to IFFACCO transfer of Utilities Division Section A, B, C and D	5,000,000.00	2,500,000.00	9,954,638.83										
		ALL			Planning Change to Section B	250,000.00	200,000.00	150,000.00	250,000.00									
					■ Four Street Crossing	9,241.73						9,000.00	7,566.10					See further action under this INTC-Ref.
					Design in the Russell Road retaining wall													
					Linsay Road/Ocean Drive/Ocean Terminal/Tower Place Planning Permission	47,374.40						47,374.40						
					Hilton Hotel Full Planning	10,975.73			10,975.73		10,975.73							
					Shandwick Place OED preferential treatments	335,213.73	200,000.00	335,213.73	335,213.73		56,454.14	200,000.00	150,319.12	20,000.00	12,012.84	15,093.56	7.55%	
					Balgreen road Bridge Amending Technical Design	2,750.00	2,500.00	2,893.91				2,750.00	2,342.42					
					Infra-Notification due to issue of SDS programme V32, V33, V34 and V5.													
					Infra-Notification due to issue of SDS programme V32, V33, V34 and V5.													
					Infra-Notification due to issue of SDS programme V32, V33, V34 and V5.													
					Infra-Notification due to issue of SDS programme V32, V33, V34 and V5.													
					Section SC - Gogar Church and Gogar Castle	1,000.00			2,000.00									
					IFC Drawing Changes - AB Underpass								624,794.40					
					IFC Drawing Change Baid Drive RTW	1,917,163.82	1,750,000.00	1,500,000.00	1,917,163.82				1,917,163.82					
					GA1 IFC Drawing Change Balgreen Road Retaining Wall	600,975.96			600,975.96									
		Graham			IFC Drawing Change Murrayfield Stadium RTW	1,452,649.96	1,200,000.00	1,200,000.00	1,452,649.96									
					IFC Drawing Change Bankhead RTW	716,756.00			716,756.00									
		SC			IFC Drawing Change Gytes top RTW	230,994.52	175,000.00	150,000.00	230,994.52									
					IFC Drawing Change Murrayfield Underpass	134,298.71	100,000.00	75,000.00	134,298.71									
					IFC Drawing Change South Gyle Access Bridge	474,483.13	400,000.00	350,000.00	474,483.13									
					IFC Drawing Change Gogarburn Bridge								290,824.76					
					IFC Drawing Change Russell Road Bridge	126,345.00	75,000.00	50,000.00	125,344.00									
					IFC Drawing Change Roseburn Viaduct													
					IFC Drawing Change Carrickknowe Bridge	299,644.52	71,757.37	70,000.00	299,644.52				227,869.29					C caused w/o value - referred to Dilute Resolution Procedure
					IFC Drawings Water of Leith Bridge	274,728.33		150,000.00	274,728.33				274,728.33					
					Extra Demolition required at Russell Road Retaining wall	20,000.00	10,000.00	12,500.00	20,000.00									
					IFC Drawing Change Leith Walk Sub Station	15,008.00	10,000.00	7,500.00	15,000.00									
					IFC Drawing Demolitions & reinforcing existing building for Leith Walk Sub													
		ALL			Urban Traffic Controls (UTC) associated with delivery of the alignment	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00								Instruction of ProSum - Current Value Just concerning Siemens	
					Design & reception CEC prior approval Sections I/01, I/02, I/03c													
					Forth Ports Agreement and Design Completion	55,841.90	40,000.00	30,000.00	55,841.90		40,000.00	30,000.00		2,521.29	15,093.56	7.55%		
					Requirement for Contractors License for Network Rail Related Works	1,000,000.00			1,000,000.00									
					Split Packages for Prior Approval - Ocean Terminal to Port of Leith	5,733.82			5,733.82									
					CEG's request for changes as it designs new Rail Sub Station												See further action under this INTC-Ref.	
					CEG's Request for Extension of Time for Prior Approval I/01a, I/01b, I/01c													
					Delay to Issue of IFC Drawings for Linton Park and Ride Train Stop													
					Delay to Section 12 due to MUDFA not having completed its works													
					ITM													
					Lighting Column required to be installed AB Underpass													
					Balgreen Road - Demolition of Railway Structure													
					Picardy Place, ed 12/09/08, plan 6 additional vehicle parkings/Bike store												no further action under this INTC-Ref.	
					Section I/01 and I/02 - CEC's proposed amendments to free build-outs													
					Design of piled foundations to the Water of Leith Bridge	32,514.52		27,500.00	32,514.52				25,553.66	1,000.00	2,555.37	0.01%		
		SDS			Raised location of CDE plots in Section 1A at the request of CEC.	8,071.84	3,000.00	2,000.00	8,071.84				8,071.84	3,000.00	2,555.37	8.52%		
					Delay to Issue of IFC Drawings for:												no further action under this INTC-Ref.	
					CEC's intent to adopt private roads between Leith side Creagairn and Avenue.	40,060.40	30,000.00	25,000.00	40,060.40				25,553.66	1,000.00	2,555.37	0.01%		
					Addtional work along from CEC's additional comment on Section 5C	16,248.31			16,248.31								See further action under this INTC-Ref.	
					IFC Drawing Change Russell Road RTW Wall 4	4,573,098.26	1,200,000.00	991,240.00	4,573,098.26				3,173,373.38					
					IFC Drawing Change Russell Road RTW Wall 3	423,228.92		200,000.00	423,228.92									
					IFC Drawing Change Muirfield Training Pitches	1,000,000.00		-800,000.00	1,342,200.42				1,342,200.42					
					IFC Drawing Change Balgreen Road Underbridge	100,000.00		50,000.00	100,000.00									
					Removal and deposit of material from previous works section 7	99,481.77			99,481.77									
					IFC Drawing Changes S24 Geoballast/Mixed												no further action under this INTC-Ref.	
					Excavate and replace existing BD material within existing utility trenches.	1,065.46	1,050.00	1,050.00	1,065.46									
		SAC			IFC Drawing changes Vertical & horizontal Alignment Section 5, Sheets 1-2	5,000.00	4,000.00	3,000.00	5,000.00									

2.08b Unapproved Changes

INTC	TCO	Section	Activity	QS	Description	Assessment		Status		Working Estimate						Remarks	
						Entered	Assessed	Monitored	Reviewed	In principle agreed, but not approved	Not agreed	Review	Budget for performance, design & estimate	Other Prims	Concurrent Fee %	OH & P Margin	Margin %
					IFC Drawing changes - Soft Landscaping Section 5 streets 1 to 25	243,353.70	200,000.00	175,000.00		243,353.70							
					IFC Drawing changes - IFC Section 10 E Sheet on Schedules 1 to 13												
					IFC Drawing changes - Gogarburn RTWS 15 A/B/C 144 D	1,910,200.00											
					IFC Drawing changes - Stop Edinburgh Park/Southgate and South Gyle	10,000.00	7,500.00	5,000.00	10,000.00								
					Provisional Sum - Provide Cllr Ruth IF Facilities @ Haymarket Station Viaduct	151,101.49	115,000.00	103,582.01	115,000.00	103,582.00	47,529.43						
					IFC Drawing changes - Edinburgh Park Bridge	100,000.00	200,000.00	200,000.00	262,677.76	200,000.00							
					Discovery of Two Ducts and Gas Main - Change 271 RHS												
					Haymarket Taxi Stand	25,641.54	25,000.00	22,500.00	25,000.00	25,000.00		21,294.72			1,575.81	3.6%	
					Delayed Listed Building Consent Applications												
					Delayed issue of IFCs for Section 144												
					Sky Demolition and alteration of existing building at Caliphra Lane	2,409.52	1,500.00	1,000.00	2,409.52	2,409.52							
					Traffic Modeling - Pedestrian Crossing Timings Standard	43,290.06	40,000.00	35,000.00	43,290.06	40,000.00	34,071.55			2,521.29	3.497.1		
					Discovery of Two Ducts and Gas Main - Change 271 RHS												
					Mandatory Change - No instruction issued by 8th trigger date												
85/86	RTWS				Gatehouse Works to Murrayfield Stadium Part 1/2	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00							
					Reduced land available at Murrayfield as a result of Third Party Agreement	1,000.00			2,500.00								
					CEC requirement - add clause on Rosebank Tunnels	176,949.90		100,000.00	176,949.90	176,949.90							
					Edinburgh Airport Tramstop Keek	13,620.75	12,000.00	11,000.00	13,520.75	13,620.75	12,000.00	10,221.47			1,022.1	8.52%	
					Sky Discovery of Two Ducts and Gas Main - Change 271 RHS												
					CEC requirement - update temporary bus shelters on George Street												
					Depot Additional excavated material at Depot	3,258.84	3,258.84	3,258.84	3,258.84	3,258.84							
					Add file relevant to the above - In stage 2 of works	14,486.40	5,000.00	2,500.00	14,486.40	14,486.40							
					Sky Discover of Two Ducts and Gas Main - Change 271 RHS												
					Discovery of Duct Crossing - Change 268 RHS												
					Little King Street Works required by CEC outside the limits of Deviation	100,000.00	80,000.00	9,000.00	100,000.00	10,767.93	100,000.00	6,517.89			6,517.9	6.4%	
					Cycle path near Gogarburn	10,000.00	9,000.00	12,145.20	10,000.00	10,000.00	6,517.89						
					George Roundabout Lighting - Design Only Estimate	4,985.39	4,500.00	4,500.00	4,985.39	4,500.00	3,833.05						
					SOS George Roundabout Lighting - Full Estimate	145,277.43		500.00	145,277.43	145,277.43							
					IFC Drawing changes - Major Road Bridges 22 and 22a	1,126,370.00		50,000.00	1,126,370.00								
					IFC Drawing changes - Saughton Bridge	20,000.00		10,000.00	20,000.00								
					IFC Drawing changes - Depot Access Bridge	2,478,205.95	1,500,000.00	1,250,000.00	2,478,205.95	2,478,205.95							
					Sky IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	31,172.42			31,172.42								
					Depot Hard landscaping	195,717.16	175,000.00	150,000.00	195,717.16	195,717.16							
					Depot Soil Nailing and Soil Reinforcement Works	458,768.50	400,000.00	250,000.00	458,768.50	458,768.50							
20/30					Depot Secondary Steelwork	70,580.46			70,580.46	70,580.46							
					Draffag - IDDI of IFC Change	-12,375.50	-10,000.00	-10,000.00	-12,375.50	-12,375.50							
					Draffag - IDDI of F.C. Change	14,2,714.37	125,000.00	100,000.00	14,2,714.37	14,2,714.37							
					Depot Castability/plus and shoring - IDDI	200,000.00			200,000.00								
					Depot Discovery of Duct Crossing - Change 268 RHS												
					Depot IFC issues drawings for installation of incoming gas main	100,000.00	50,000.00	50,000.00	100,000.00								
					IFC Drawing changes - Roads, Streetlighting, Drainage Section 5B	5,957.00	5,957.00	766,199.71	5,957.00	5,957.00							
					IFC Drawing changes - Roads, Streetlighting, Drainage Section 5C	578,005.00	114,352.00	114,352.00	578,005.00	114,352.00							
					IFC Drawing changes - Bankhead Tramstop	2,000.00	1,500.00	1,000.00	2,000.00								
					Sky Edinburgh Walk Christmas Embargo	100,000.00	100,000.00	100,000.00	100,000.00	124,382.10	150,000.00	10,110.00	10,110.00	10,110.00	10,110.00	10,110.00	
					Sky IFC Drawing changes - McDonald Road and Balmoral Street Tram Stops	2,000.00	1,500.00	1,000.00	2,000.00								
					Sky IFC Drawing changes - Road, Lighting, Landscaping and Drainage Sect 1B	250,000.00	150,000.00	150,000.00	250,000.00								
					Graham IFC Drawing changes - Haymarket Tram Stop	1,000.00	1,000.00	1,000.00	1,000.00								
					IFC Drawing changes - Roads, Streetlighting, Landscaping and Drainage	408,024.76	300,000.00	250,000.00	408,024.76	408,024.76							
					GAn IFC Drawing changes - Haymarket Station Substation	5,000.00	4,000.00	2,500.00	5,000.00								
					Sky Discovery of two ducts above formation level and fouling kerb line - 250 RHS	400.00		400.00	400.00								
					Sky Discovery of hydrant above formation level - Change 17 RHS	100.00		100.00	100.00								
					Multi excavation containing water main and connections - 125 RHS												
					Sky Discovery of valves and a hydrant foul in gne w kerb line - 120 RHS	200.00		200.00	200.00	227.39							
					Sky Discovery of stone culvert - Change 109 RHS	1,000.00	1,000.00	1,000.00	2,166.48	2,166.48							
					Depot Operational Design Review of Depot - changes arising	30,000.00	25,000.00	20,000.00	30,000.00								

2.08b Unapproved Changes

INTC	TCO	Section	Activity	QS	Description	Assessment		Status		Working Estimate				Remarks		
						Initial	Actual	Budgeted	Estimated	In principle agreed, but not approved	not agreed	Revenue	Budget for performance, design & estimate	Other Prms %		
401	100	100	100	100	Operational Design Review of Haymarket - changes arising	25,000.00	22,500.00	31,010.51			31,010.51					
402	100	100	100	100	Relocation of bus stop south of LOA at Princes Mall	5,940.85					5,940.85					
403	100	100	100	100	IFC Drawing Changes - Tower Bridge Structure	595,358.22										
404	100	100	100	100	IFC Drawing Changes - Section IC drainage	750,000.00	600,000.00	933,883.43		384,468.30	379,824.52					
405	100	100	100	100	IFC Drawing Changes - Section IC road design	20,000.00	10,000.00	20,000.00								
406	100	100	100	100	IFC Drawing Changes - Section IC lighting layout	20,000.00	10,000.00	20,000.00								
407	100	100	100	100	Edin Wall - Section 1B - Glenmore Ave - BT3-etc GR 915-925	3,000.00	2,000.00	2,000.00							costs included in INTC.234	
408	100	100	100	100	Prinster drainage outlet consent at the Airport	3,000.00	2,000.00	2,000.00								
409	100	100	100	100	Additional Trial Notes at CH145 - CH150 (Section 1B)	100.00	100.00	100.00								
410	100	100	100	100	SKy Removal and Relocation of BT Phone Box	8,267.48		8,267.48	8,267.48		8,267.48					
411	100	100	100	100	MUDFA has commenced works on Blackhead Dr preventing Infraco progress											
412	100	100	100	100	Building Flying Owners Agreements - Info required due to Court Proceedings	17,193.23	17,193.00	15,000.00	17,193.23		17,193.23					
413	100	100	100	100	Notified Departure due to the issue of SDS Design programme V36.										no further action under this INTC Ref.	
414	100	100	100	100	Notified Departure due to the issue of SDS Design programme V37.											
415	100	100	100	100	Notified Departure due to the issue of SDS Design programme V38.											
416	100	100	100	100	Notified Departure due to the issue of SDS Design programme V39.											
417	100	100	100	100	SKy Leth Walk Chasing 109-350 ext. work carried out during "embargo" period	55,000.00	30,000.00	50,000.00			54,032.43					
418	100	100	100	100	IFC Drawing Changes - Section IC 1C - E Layout	2,500.00		2,500.00								
419	100	100	100	100	IFC Drawing Changes - Section IC Track Horizontal Alignment	2,500.00	2,000.00	1,500.00								
420	100	100	100	100	IFC Drawing Changes - Section IC Track Vertical Alignment	3,000.00	2,000.00	4,000.00							no further action under this INTC Ref.	
421	100	100	100	100	SSm Removal by others of missiles from central reserve on Princes Street	5,754.89	-4,000.00	-3,000.00		-5,754.89					no further action under this INTC Ref.	
422	100	100	100	100	Future Roofing on behalf of New England Ltd and Highland Properties Ltd	1,000.00	1,000.00	1,000.00							partly approved (see 2.08a); figures here concerning not approved portion	
423	100	100	100	100	SKy Relocate existing Control Box - Section 1B	1,000.00	1,000.00	1,000.00								
424	100	100	100	100	SKy IFC Drawing Changes - Section 1B - Balfour Street/Tram Stop	2,000.00	1,500.00	2,500.00								
425	100	100	100	100	IFC Drawing Changes - Section 5B - Track Drainage	1,250,000.00	1,000,000.00	1,440,422.18			1,440,422.18					
426	100	100	100	100	SKy IFC Drawing Changes - Section 1A - Victoria Dock Bridge	5,000.00	4,000.00	2,500.00			5,000.00					
427	100	100	100	100	IFC Drawing Changes - Earthworks General Arrangement - Section 1A	5,000.00	4,000.00	2,500.00								
428	100	100	100	100	Accommodation Works Section 2A Access Retaining Wall	72,441.88	22,171.27	22,171.27	72,441.88	22,171.27	50,290.81					
429	100	100	100	100	Carryout Scottish Water Diversions in Gogar Roundabout	9,000.00		10,210.00		37,537.88	\$2,825.53					
430	100	100	100	100	Carryout Scottish Power Diversions at Gogar Foundation Set	13,049.95	11,222.00	10,000.00	13,049.95							
431	100	100	100	100	RAS Transstop - Estimated cost of V Power and Water crossing tram track	12,500.00	10,000.00	17,353.34		17,353.34						
432	100	100	100	100	EAL Transstop - BAA Interface	6,000.00	5,000.00	6,000.00				6,000.00				
433	100	100	100	100	Airport Tramstop Canopy tie in options.	47,500.00	14,000.00	47,500.00			50,428.00	49,982.00	42,574.10		8.52%	
434	ALL	ALL	ALL	ALL	Wider Area Modelling Process											
435	100	100	100	100	Change to demarcation requirements			26,881.06			26,881.06					
436	100	100	100	100	Review proposal for Cathedral Lane Substation	250,000.00		250,000.00								
437	100	100	100	100	Request for transaction to deal with Japanese Knollweed - Retaining Wall W4	24,282.78										
438	100	100	100	100	Edinburgh Park Bridge (S21)-Piers Base Formation	9,000.00	7,500.00	10,475.77			10,475.77					
439	100	100	100	100	GAn Russell Road Retaining Wall 4 - Options Report											
440	100	100	100	100	Notified Departure due to the issue of SDS Design programme V40.											
441	100	100	100	100	Princes Street - Change to specification - full depth reconstruction											
442	100	100	100	100	Forth Ports Traffic Signal - Section 1A4 - Winton Crossing required	8,500.00	7,500.00	9,577.49		9,577.49		7,240.20		724.02		
443	100	100	100	100	SKy Cycleway change at Hawthornlea - Section 1A4	35,000.00	30,000.00	40,000.00								
444	100	100	100	100	CAF - Air Supply										not concerning UK SDS	
445	100	100	100	100	SKy Additional Pump - Steeped Lindsay Road Retaining Wall - Section 1A4	7,500.00	4,000.00	7,500.00							not concerning UK SDS	
446	100	100	100	100	Revised access arrangements to Dugald										no further action under this INTC Ref.	
447	100	100	100	100	IFC Drawing changes - Edinburgh Park Bridge/Piers, bearings)											
448	100	100	100	100	Network Rail's requirement for CAT 3 checking	250,000.00										
449	100	100	100	100	2140 SKy Develop diversion layout from Princes Street to George Street/Queen Street	147,307.57	120,256.94	120,256.94	147,307.57		122.5%					
450	100	100	100	100	GAn Protection of live utilities at Russell Road Bridge during construction	7,000.00										
451	100	100	100	100	All Provisional Sum for Evaluation for Shell/Great Junctions										partly approved (see 2.08a); figures here concerning not approved portion	
452	100	100	100	100	Dravely Tunnel - insufficient ground cover	5,000.00	4,000.00	2,500.00		5,000.00						
453	100	100	100	100	Underground structure Leth Walk/Dravely Tunnel - insufficient ground cover	10,000.00	7,500.00	5,000.00								
454	100	100	100	100	Edinburgh Park Bridge (S21) - South Abutment Base Formation	18,054.37	15,000.00	7,525.82			10,527.55					
455	100	100	100	100	Dugald Landfill/South/Water Utility Diversion	23,194.46		15,000.00								
456	100	100	100	100	SKy IFC Drawing Changes - Section 1A - Drainage	10,000.00										
457	100	100	100	100	SKy IFC Drawing Changes - Leth Walk											
458	100	100	100	100	IFC Drawing Changes - Section 7/50/Landscape	343,150.34	400,000.00	343,150.34								
459	100	100	100	100	IFC Drawing Changes - Sect 7/ Track Vertical and Horizontal Alignment	345,533.30										
460	100	100	100	100	IFC Drawing Changes - Drainage - Dogburton/Airport	1,350,077.74		1,350,077.74			1,350,077.74					
461	100	100	100	100	Princes Street/IFC Drawing Changes	200,000.00	150,000.00	100,000.00	200,000.00							

Project: Edinburgh Tram Network												BILFINGER BERGER Civil						
as per: 30/11/2009																		
2.08b Unapproved Changes																		
Assessment						Status				Working Estimate								
INTC	TCO	Section	Activity	QS	Description	Budget	Actual	Margin	Residual	In principle agreed, but not approved	Not agreed	Revenue	Budget for performance, design & estimate	Other Prims	Consumable Fee 7.4 %	O&H/P Margin	Margin %	Remarks
1001	Prin				Earthworks - Quality variances below IFC Trackwork Drawings and MX Data	10,000.00	7,500.00	5,000.00	10,000.00									
1002					IFC Drawing Changes - Gagabum Retaining Walls													
1003	1001				Shandwick Place TR 05 Upgrade	12,500.00	8,000.00	7,500.00	8,385.88	12,280.00	12,280.00	12,280.00	12,280.00	12,280.00	12,280.00	12,280.00	8.52%	
1004	1001				Proposed CEC changes to demolition requirements	30,844.76			20,000.00	30,844.76								
1005	1001				Rev Alignment Picardy Place, York Place, London Road Junctions - Stage 1 & 2	70,245.70	58,872.20	58,872.20	58,872.20									
1006	1001				Rev Alignment Picardy Place, York Place, London Road Junctions - Stage 3 & 4	228,045.83	191,127.10	141,127.1	239,165.49									
1007	1001				Carick Knowe Underbridge Obstructions													
1008	1001				All Underpass Phases 1 Pile Trial Levels	34,319.30			34,319.30									
1009	1001								34,319.30									
1010	1001																	
1011	1001				Sky Exposure - Existing utility connection at Charge 227 328 RHS	3,794.56			3,794.56									
1012	1001	1001			Sky Ditches and camera survey at Chalfage 170 RHS	23.95			23.95									
1013	1001	1001			Sky Relocate slotted footpath along MUDFA works													
1014	1001	1001			Sky Break out from concrete backfill	7,325.78			7,325.78									
1015	Delay Only				Partial Handover Of Depot Site													
1016																		
1017					Introduce stabilisation of existing earth bank north of Gullane Drive													
1018					IFC Drawing Changes - Track drainage Section 5C	1,189,259.27			1,189,259.27									
1019					Sky Remove ornamental iron bollards at Crookhill Depot													
1020																		
1021					Princes Street - Reinforced Concrete slab above Track Box													
1022					Transfer of private utility diversion from MUDFA at Edinburgh Park	247,263.24	200,000.00	175,000.00	247,263.24									
1023					Street lighting - Height of poles	1,486.77	2,100.00	1,809.00	2,494.75									
1024																		
1025					MUDFA Area of High Wheel Wear													
1026					Edinburgh Park Bridge Structural Fill													
1027					Traffic Flow - and removed sleepers at all Road Junc													
1028					Sky Sec 1D - Additional signs on Queen Street	265.55												
1029					Re-fit seal of the Way System at Rose Street													
1030					Addition of Measures at George Street	4,819.93	4,200.00	3,500.00	4,819.93									
1031					Provide Core signs and double yellow lines on George Street	3,062.23			3,062.23									
1032					Additional signage - George Street/St Andrews Square													
1033					Replace ASS banner at George Street, Hanover Street and Frederick Street	2,538.46			2,330.87									
1034					Trials/reviews in Princes Street - Site Investigation	331,199.00			200,000.00	331,199.00								
1035																		
1036					Incomplete MUDFA Works at the Princes Street Mount Junction													
1037					Haymarket Junction - Underground Chamber at Clifton Terrace				12,500.00	10,000.00								
1038					Traffic Management - Provide wider area signs at Princes Street	11,898.87												
1039					New Manhole (MHT) at Baldwin Place				1,000.00	750.00	1,498.23							
1040					Gogarland Bridge East Abutment - excess ground water													
1041					Graham - Haymarket Station - Network Rail Access Downway	2,500.00			2,500.00									
1042					GAn Demolish all structures see Pk1 nos 92 and 102 near Roseburn Street	25,000.00	29,000.00	15,000.00										
1043					Mantle Thruand C & W services and drainage/water main underpass													
1044					Easting Ground level east Edinburgh Park Bridge	88,295.76	61,800.00	60,000.00	88,295.76									
1045					GAn Transfer MUDFA Little Division Sect. SC-Conflict Schedule 5C DT 05													
1046					Transferring MUDFA Little Division Sect. SC-Conflict Schedule 5C DT 05	1,678.71			1,678.71									
1047					GAn Gogar Landfill Areas - Additional site investigation and testing to landfill areas													
1048					Gogar Landfill Areas - Surcharge and monitoring of surcharge													
1049					Gogar Landfill Areas - Soil Nailing and Reinforced Earth	691,543.49	500,000.00	490,000.00	691,543.49									
1050					Review OLE foundation and layout of S1	73,526.45	60,000.00	60,000.00	73,526.45									
1051					Redesign of OLE poles foundations due to increased loadings - Line 2				65,000.00	65,000.00	85,231.13							
1052					Amend OLE system design documents	7,543.91	7,500.00	7,000.00	7,543.91									
1053					Amend site wide OLE building living loads and layout drawings	7,342.24	2,350.00	2,000.00	7,342.24									
1054					Combined OLE Pole/Lighting poles	55,485.59	52,500.00	50,000.00	55,485.59									
1055					Amend OLE lighting at Depot Access Bridge													
1056					Section 1C/1D - Charlotte Square - West End of Parkings	2,954.31			2,954.31									
1057					Section 1D - Bus Gate at Shandwick Place													
1058					Section 1C/1D - Royal Crescent													
1059					Section 1C/1D - Satum Station at George Street and Frederick Street	50.26												
1060					Section 1C/1D - Additional traffic management at Princes Street	1,000.00			500.00									
1061					Section 1C/1D - Production of As-Built Drawing for Princes Street Diversion	1,000.00				1,000.00								
1062					Access to Letts Walkfront at 90/99													
1063					Edinburgh Park Station Bridge - Approach ramp sub-grade													
1064					Notified Departure due to the issue of SDS Design programme V41													
1065					Notified Departure due to the issue of SDS Design programme V42													
1066					Notified Departure due to the issue of SDS Design programme V43													
1067					IFC Changes - Series 600 Earthworks Specification													

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2.08b Unapproved Changes																				
Assessment					Status				Working Estimate											
INTC	TCO	Section	Activity	QS	Description	Entered	Amended	Missing	Controlled	In principle agreed, but not approved	Not agreed	Review	Budget for performance, design & estimate	Other Prms	Consumable Fee %	DH&P Margin	Margin %	Remarks		
					IFC Changes - Series 1700 Structural Concrete Specification	100,000.00		50,000.00		100,000.00										
					Addition of slater and capping layers in Section 7A	1,000,000.00		700,000.00		1,651,189.50	618,411.41	1,032,778.49								
					Cycle prevalence of Hymark Steps			1	2,500.00											
					Addition of slater and capping layers in Section 5B	1,721,325.58	1,000,000.00	1,000,000.00		1,727,325.58										
					Addition of slater and capping layers in Section 5C	895,265.31	500,000.00	500,000.00		895,265.31	598,153.82	387,101.49								
					Section 5B - Drainage Ditches	-5,573.54				5,573.54										
					Sky - Additional Retaining Wall at Towerbridge Pumping Station															
					Design Report Earthworks - Northern Boundary Drainage Design	10,000.00		7,500.00		10,000.00										
					IFC Changes - Due work Specification	250,000.00		225,000.00		200,000.00		25,000.00								
					(CVS28-004)															
					IFC Drawing Changes - Trackform		250,000.00		200,000.00		300,000.00									
					Depot Floor - Pittera manual begin turntable	10,000.00		8,000.00		8,914.16	4,000.00									
					Depot Floor - Pittera manual begin turntable			11,045.82		6,045.82										
					Sample site Infilling of embankments between Russia Road & Waterfoot Leth	44,065.77					44,065.77									
					Depot Pumping Station, manhole and rising main			40,000.00			65,323.09									
					DAE Drafting Future Proofing (Eastfield Avenue)	63,982.50		47,551.50		32,351.50										
					Realt. Rate RTW - See investigation to extent of earthworks and materials															
					Leth Walk Gutter System	51,017.50		40,000.00		35,000.00										
					Phase 12 - 40-Douglas															
					Remove Soft Material from Sub Grade of Depot Access Road		25,000.00	20,000.00		36,804.03										
					Review FCHRL Drawings Section 7						36,804.03	25,000.00	18,196.38	3,502.8	1,481.18	1,819.64	7.28%			
					Sky - Bernard Street elevation south with LOD															
					Revised Site Elevation - Walls of Leth Bridge															
					Issue of MLFDA Programme Revision 8 - EDT2															
					Additions/alterations at Haymarket Station Car Park	2,000.00		1,500.00		1,000.00		2,000.00								
					GAN - Slewerveling & ductile Abutment pass	4,069.98														
					Traffic management at Varty House Access Road	10,841.52		7,500.00		6,000.00	10,841.52									
					George Street Emergency road closure	1,516.30				1,000.00										
					Traffic Management from MLFDA Works		2,000.00		1,500.00		2,000.00									
					London Road pedestrian disruption	8,440.25				5,000.00	8,640.25									
					Utility conflicts with Int. 2 metre clearances		33,000.00		29,000.00											
					Site Wide Contamination			50,000.00												
					Track Draining - Section 5A	71,038.55		60,000.00		50,000.00	71,038.55									
					Notified Depature due to the issue of SDS Design programme V44															
					Notified Depature due to the issue of SDS Design programme V45															
					Notified Depature due to the issue of SDS Design programme V46															
					Revised OLE location due to Scottish Power - Princes St at chain 12105	3,000.00		2,000.00		1,500.00										
					Change of free height at Haymarket Terrace															
					Reinstatement of Bus link	5,000.00		4,000.00		3,000.00	4,197.34									
					DAE New Automatic Road Alignment	8,094.92		7,500.00		6,100.00		8,094.92								
					Stage D Drawings for Tram Stops	55,721.56		45,000.00				55,721.56								
					SD Driveway to Caledonian Road															
					SD Driveway to Caledonian Road															
					Alteration of traffic management at Int. Road Junction	1,742.30		1,500.00		1,742.30										
					Re-use of existing kerbs					10,000.00										
					Edinburgh Parkbridge - revision to reinforcement top parapets	15,000.00				10,000.00										
					TRO changes - Informal consultation	91,501.56		75,000.00		60,000.00	91,501.56									
					TRO changes - Informal consultation - Impact on IFC Drawing Issue dates					150,000.00	120,000.00									
					SKY - Fort Ports/Substation - redesign	50,000.00		40,000.00		30,000.00										
					Network & Lighting head lighting	10,000.00				5,000.00		10,000.00								
					SKY - Fort Ports drainage approval					3,000.00		5,000.00								
					Bogardum Retaining Wall W14 and W15 - Survey and bum mitigation															
					Redesign of Drainage at AACRC Interface					7,500.00	5,000.00	10,000.00								
					DAE - New Automatic Road Alignment															
					DAE Drains at Depot	20,000.00		15,000.00		10,000.00										
					Underground Chamber - West, Matland Street	50,000.00		40,000.00		30,000.00		50,000.00								
					Utility Diversion - located with Lindsay Road	50,000.00				30,000.00										
					SKY - Accommodation Works - Relocate Access steps at 33 Ocean Drive	10,000.00					10,000.00									
					IFC drawing changes - Section 5B - Ductiling and Cable Routes					600,000.00	500,000.00									
					Developed kinematic envelope (DK) check	15,118.77				10,000.00	15,118.77									
					Construction of 13 no. sewer protection slabs and new chamber at Lindsay Road	90,000.00		80,000.00												
					Additions manhole/curbstone - Section 5B	8,847.79		6,000.00			8,847.79									
					All Underpass - 21 works - Site 2 way and 4 way cuts					4,995.99										

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2.08b Unapproved Changes																
INTC	TCO	Section	Activity	QS	Description	Assessment			Status		Working Estimate					Remarks
						Value	Value	Value	In principle agreed	not agreed	Budget for performance, design & estimate	Other Profits %	ConcurrentFee %	O&P Margin	Margins %	
000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Tram Stop Development Workshop	25,000.00	20,000.00	15,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Sub Station Development Workshop - changes airing	25,000.00	000	15,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Sky Issued a Clause 1 CEC Roads TAA Sign Offs	000	1,500.00	1,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Sky Preparation for lifting at Waterloo Bridge	000	7,500.00	5,000.00	10,000.00	000	000	000	000	000	000	000
000	000	000	000	000	Airport Bund Protection IT, Giffnock	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Airport Bund Protection	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Depot CCC request for turning head at Depot	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Changes to sub-stations arising from development workshops	25,000.00	20,000.00	15,000.00	25,000.00	000	000	000	000	000	000	000
000	000	000	000	000	Culvert 1 - Excavation below formation level	25,000.00	20,000.00	15,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Sky Mandurton Street operational track cross over	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Gogar Depot South embankment restatement and associated drainage works	000	40,000.00	30,000.00	50,000.00	000	000	000	000	000	000	000
000	000	000	000	000	Development workshop for drainage - changes arising	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Ptingobusonconcourseatguided busway	000	15,000.00	10,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Sky Tanning Edinburgh Way at Linlithgow	000	150,000.00	125,000.00	194,568.20	000	000	000	000	000	000	000
000	000	000	000	000	Sky Diversion of cables at Tower Place bridge	10,000.00	7,500.00	5,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	IF Drawing change - Haymarket Car Park	126,294.76	100,000.00	75,000.00	126,294.76	000	000	000	000	000	000	000
000	000	000	000	000	DD Design issued for Construction Drawings Murrayfield Stadium Tram Stop	29,000.00	15,000.00	10,000.00	20,000.00	000	000	000	000	000	000	000
000	000	000	000	000	IF Drawing changes - Section 5A - Ducting and Cable Routes	000	000	000	70,000.00	000	000	000	000	000	000	000
000	000	000	000	000	IF Drawing changes - Section 5C - Ducting and Cable Routes	000	80,000.00	80,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Sky IF Drawing changes - Section 1A - Ducting and Cable Routes	000	80,000.00	70,000.00	100,000.00	000	000	000	000	000	000	000
000	000	000	000	000	IF Drawing changes - Section 1B - Ducting and Cable Routes	20,000.00	15,000.00	10,000.00	20,000.00	000	000	000	000	000	000	000
000	000	000	000	000	SSm Frederick Street pedestrian crossing	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	SSm Prudie Place - re-laying north side to incorporate a fourth lane eastbound	50,000.00	40,000.00	30,000.00	50,000.00	000	000	000	000	000	000	000
000	000	000	000	000	R&T Tramstop - Provide Future Proofing	50,000.00	40,000.00	30,000.00	50,000.00	000	000	000	000	000	000	000
000	000	000	000	000	Additional excavation at Canick Knowe North Abutment	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Track side signage	20,000.00	000	000	20,000.00	000	000	000	000	000	000	000
000	000	000	000	000	Additional Lighting Columns at Canick Knowe Bridge	000	2,500.00	5,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Removal of obstructions at Russell Road Retaining Wall	10,000.00	7,500.00	5,000.00	10,000.00	000	000	7,500.00	000	000	973.22	000
000	000	000	000	000	Replace IF's Russell Road Retaining Wall - additional pile	5,000.00	000	3,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Additional footway access Deposit Access Bridge	75,000.00	000	50,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Sky IF Drawing changes - Section 7 - Ducting and Cable Routes	000	70,000.00	100,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Russell Road Retaining Wall 4 - piling obstacles - alternative design required	000	000	000	10,000.00	000	000	000	000	000	000	000
000	000	000	000	000	Depot - Movement of Air Compressor Room	000	20,000.00	15,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Reconstruct existing Scottish Water manhole in St. Davids Street	000	2,000.00	1,500.00	000	000	000	000	000	000	000	000
000	000	000	000	000	IF Change to Road Restraint Systems Specification	50,000.00	40,000.00	30,000.00	50,000.00	000	000	000	000	000	000	000
000	000	000	000	000	Floating Slab in City Centre	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	IF Change to Road Markings and Studs Specification	50,000.00	40,000.00	30,000.00	50,000.00	000	000	000	000	000	000	000
000	000	000	000	000	GAn Scottish Power Utility Division SASP 05 at Russell Road Retaining Wall	10,000.00	2,500.00	5,000.00	000	000	000	000	000	000	000	000
000	000	000	000	000	Remove valuable stones from plots 9A, 9B, 10A, 10 B at Russell Road RTW	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Reduced depth at Andrew Square	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Traffic Management to accommodate re-introduction of buses on Princes Street	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	OLE Planning consents and CEC Technical Approval(Siemens)	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Leith Walk railway bridge - special track form	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	Total:	77,427,935	33,965,296	51,772,984	26,318,998	1,306,000	42,094,823	1,467,946	1,129,416	111,000,000	10,412,130	10,412,130
						Start = submitted & not approved	Start = under review	sum = submitted changes	sum = total job cost installed changes							
						sum = maximum of submitted changes	51,772,984	1,440,357								
						TX.H91.92										

Submitted & approved Sum = under preparation
= maximum potential of changes

78.1191.902

sum = total job cost installed charges

1,540,3

Project: **Edinburgh Tram Network**
as per: **30/11/2009**

BILINGER BERGER
Civil

2.09 Payment Status

PROGRESS		INVOICE							PAYMENT					
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE PAYMENT %	RETENTION MONEY %	OTHERS %	TOTAL	DU DATE	RECEIVED ON	excluding VAT	REMARKS	
Actual Performance									0			10	11	12
1	MONTH	500,000	21,389,899	19,100,000	-2,289,899	0	0	0	19,100,000	30/06/2008				
	ACCUM.	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				19,100,000		
	ACCUM.	1,052,000	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	21,389,899	
									0					
4	MONTH	4,348,256	26,720,722	25,784,259	-9,36463	0	0	0				4,348,256		
	ACCUM.	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	
	ACCUM.	5,394,889	27,692,240	26,524,252	-1,167,988				26,524,252		29/09/2008	26,524,252		
6	MONTH	3,334,618	705,826	809,071	103,251	0	0	0				809,079		
	ACCUM.	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	
	ACCUM.	10,459,129	29,982,124	27,958,437	-2,023,688				27,958,437			27,333,331		
8	MONTH	2,486,87	5,108,480	1,116,659	-3,991,821	0	0	0				1,116,	30/01/2009	
	ACCUM.	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	
	ACCUM.	13,524,254	41,050,724	30,933,127	-10,117,597				30,933,127		30/01/2009	1,858,032	30,933,127	
10	MONTH	1,39,311	0	1,288,964	1,288,964	0	0	0				1,288,964	19/10/2008	
	ACCUM.	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	
	ACCUM.	16,842,385	41,050,724	35,754,680	-5,296,045				35,754,680		17/04/2009	33,912,994		
12	MONTH	3,044,909	2,429,613	2,227,854	-201,759	0	0	0				1,841,685		
	ACCUM.	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	
	ACCUM.	22,145,697	46,864,083	37,982,534	-8,881,549				37,982,534		11/05/2009	2,227,854		
14	MONTH	2,448,589	4,050,740	2,264,088	-1,786,652	0	0	0				2,264,088		
	ACCUM.	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	
	ACCUM.	25,725,560	57,217,961	48,006,960	-9,21,001				48,006,960		02/07/2009	4,560,338	invoiced: regular & Phase 1B	
16	MONTH	6,312,145	2,111,338	3,020,90	84,567	0	0	0				44,806,960	paid: Invoice No 18 & 19	
	ACCUM.	32,037,605	59,395,299	51,027,866	-8,367,434				51,027,866		28/07/2009	55,622,894		
17	MONTH	3,782,691	2,666,077	2,400,346	-265,731	0	0	0				2,400,346	25/09/2009	
	ACCUM.	35,820,296	62,061,377	53,428,212	-8,633,165				53,428,212			53,428,212		
18	MONTH	3,944,846	5,478,014	5,379,520	-98,494	0	0	0				5,379,520		
	ACCUM.	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	
	ACCUM.	47,038,955	67,539,390	62,981,116	-4,558,274				62,981,116		11/11/2009	3,184,837		
27	MONTH	0	0	0	0	0	0	0	0			0		
Jul-10	ACCUM.	0	0	0	0				0			0		
												58,807,732		
												(w/o Advance Payment)		
												(with Advance Payment)		

	Project: Edinburgh Tram Network as per: 30/11/2009	BILFINGER BERGER Civil
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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	4	0	0%	4 outstanding
TSA-09-02 (Design Assurance - Tram)	18/11/2009				Findings not notified yet. Awaiting closing meeting

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
IA	122	0	0	0%	1	0	0	0	0%
1B					0	0	0	0	0%
1C	13	12	0	0%	5	1	2	1	40%
1D	14	14	0	0%	5	2	0	0	0%
2					4	0	3	0	75%
5A					0	0	0	0	0%
5B	14	3	1	7%	10	1	4	0	40%
5C	6	0	0	0%	1	0	1	0	100%
6	27	6	0	0%	8	1	7	0	88%
7	68	10	10	15%	4	1	3	1	75%
System NCRs (non-audit)					18	4	11	1	61%
Cancelled					3	0	3	0	100%

3. Further quality-related events during this month

(please describe shortly)

Princes Street was handed over successfully on the 29th November 2009, although the 'Work Site Completion Certificate' has still to be signed-off. All 16 BB ITPs reviewed by tie are now 'Level A – No Objection status', whilst another 2 (from Barr) are currently being reviewed. 'ITP Packaging Readiness Workshops for Princess Street Works' will continue into January 2010 until all documentation is ready for handover to tie. tie carried out a 'Design Safety Assurance Audit on BSC' (CAF mainly) on the 18th of November 2009. The audit report and findings will be finalised once CAF, who have been given two weeks to provide relevant documentation as evidence of compliance, have responded. tie carried out a 'Design Change/Validation Audit on BSC' on 19th Nov 09 at Edinburgh Park Offices. The audit report and findings are still to be issued, after clarifications are provided, but no major findings are expected. tie carried out a 'Depot Structural Steel Erection' on BSC on 12th November 2009. Both tie and BB visited Solway Structural Steel on a verification of records assessment on the 19th November 2009. tie are to issue an audit report on Structural Steel for the Tram Depot, covering both manufacture and erection. BSC submitted a letter to tie on the 20th November 2009 with proposals for records handover, and asking for clarification on which records to be handed over in accordance with the 'Body of Evidence File'.

Project: Edinburgh Tram Network

BILFINGER | BERGER
Civil

as per: 30/11/2009

2.12 Safety Information System - SIS

1. Include average number of PR staff cited

— 1 —

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ANSWER IS (c) 511766265

1. Include average number of BB staff, site workers during the month.

2. Hours should be included if known or multiply number of staff by monthly hours worked eg x 200

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.

4. Do not leave boxes blank, make an estimate. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known.

5. These figures are for PRIP Group use; separate坐墳 should be made to PRINC or Technical depts for their statistics & class out as duplication does not occur. See example in manual.

5. These figures are for BBB Group use, separate returns should be made to Regions or Tech.

6. All lost time or subsequent developments refer back to the month when the injury occurred

7. Counting for 3D+ accidents include weekends but days lost only count working/earning days

2.13 Project Photographs

see following pages

Picture 01	Section 7	Gogarburn Bridge
Picture 02	Section 7	S 30 - Gogarburn Culvert 1
Picture 03	Section 7	S 34 - Gogarburn Culvert 3
Picture 04	Section 6	Depot Steel Structure
Picture 05	Section 6	Depot Steel Structure
Picture 06	Section 5	Edinburgh Park Station Bridge
Picture 07	Section 5	Carrick Know Bridge South Abutment
Picture 08	Section 1	Princes Street









3.01 Overview Movements of Contingencies

Estimated Risks from Top Sheet (Unqualified Risk Register)		estimated	dissolved	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
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 Construction Practice	100,000		100,000
31.	Siemens/BB Scope Split	500,000		500,000
total Estimated Risks from Top Sheet (Unqualified Risk Register)		4,349,000	292,824	4,056,176
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	10,404,340	5,634,552
				4,769,788

	Project: Edinburgh Tram Network											
	as per: 30/11/2009											
	BILFINGER BERGER Civil											
3.02 Design - Drawing Status												
No.	Description Status acc. Sections		Sections						Phase		Total	
			SW	1	2	3	5	6	7	1a incl. SW	1b excl. SW	
Original SDS Design:												
1	Draft, to be issued for construction	2	4	3	68	2	0	2	13	68	81	
2	Issued for External Approval (IEFA), to be IFC	2	34	3	129	26	2	2	69	129	198	
3	Issued for Construction (IFC)	18	262	75	261	427	41	123	946	261	1207	
4	Partially agreed for Construction (PAFC)	7	207	28	0	57	0	0	299	0	299	
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	0	2	4	0	1	0	0	7	0	7	
10	Not to be IFC	228	152	14	87	99	14	43	550	87	637	
11	IEFA, but not to be IFC	96	64	8	41	49	22	22	261	41	302	
New Design for Change Order:												
21	Draft, to be issued for construction	74	69	1	0	161	8	27	340	0	340	
22	Issued for External Approval (IEFA), to be IFC	20	24	3	0	36	4	12	99	0	99	
23	Issued for Construction (IFC)	1	1	3	0	16	11	0	32	0	32	
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	3	8	0	8	
31	IEFA, but not to be IFC	0	24	0	0	1	1	0	26	0	26	
Existing Design subjected to revisions for Change Order:												
41	Draft, to be rev. for CO	15	24	5	0	19	9	3	75	0	75	
42	IEFA, to be rev. for CO	29	42	1	0	11	6	7	96	0	96	
43	IFC, to be rev. for CO	23	296	34	0	269	186	66	874	0	874	
44	Draft, revised for COs	0	0	0	0	0	0	0	0	0	0	
45	IEFA, revised for COs	0	0	0	0	0	0	0	0	0	0	
46	IFC, revised for COs	0	0	0	0	0	0	0	0	0	0	
50	Draft, withdrawn for CO	45	0	0	0	1	0	5	51	0	51	
51	IEFA, withdrawn for CO	131	6	5	0	0	0	0	142	0	142	
52	IFC, withdrawn for CO	0	11	1	0	39	3	0	54	0	54	
Total (1~3+5~52)		685	1015	160	586	1161	307	315	3643	586	4229	
Part of Original SDS Design still scheduled IFC:												
Issued for Construction (3+5~8+43+46)		41	558	109	261	696	227	189	1820	261	2081	
Total Issue for Construction (1~3+5~8+41~46)		89	662	121	458	754	244	203	2073	458	2531	
Percentage of Completion IFC		46.1%	84.3%	90.1%	57.0%	92.3%	93.0%	93.1%	87.8%	57.0%	82.2%	
Original SDS Design:												
Issued for Construction (3+5~8+43+46+52)		41	569	110	261	735	230	189	1874	261	2135	
Total Issue for Construction (1~3+5~8+41~46+50~52)		265	679	127	458	794	247	208	2320	458	2778	
Percentage of Completion IFC		15.5%	83.8%	86.6%	57.0%	92.6%	93.1%	90.9%	80.8%	57.0%	76.9%	
SDS Design incl. Change Orders:												
IFC incl. new Issues for CO (3+5~8+23~28+43+46)		19	263	78	261	443	52	123	978	261	1239	
Total IFC incl. new Issues for CO (1~3+5~8+21~28+41~46)		184	756	128	458	967	267	242	2544	458	3002	
Percentage of Completion IFC		10.3%	34.8%	60.9%	57.0%	45.8%	19.5%	50.8%	38.4%	57.0%	41.3%	