



BiLFINGER Bilfinger Construction GmbH

EDINBURGH TRAM NETWORK

Monthly Project Report October 2012



Monthly Report Major Projects

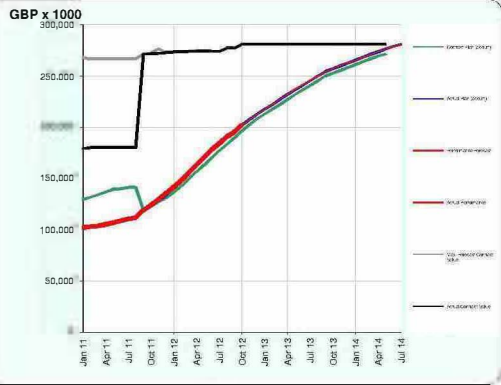
Project: Edinburgh Tram Network

Reporting Period: October 2012

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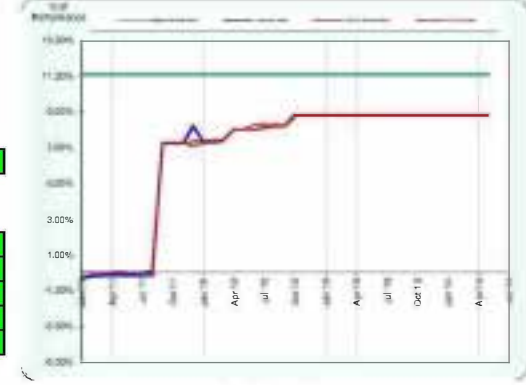
1.01 Project Overview Charts



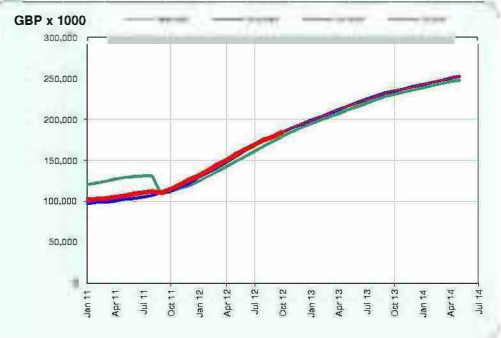
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date			15-May-08			
Construction end date	16-Jul-11	08-Jul-14	08-Jul-14	08-Jul-14	0.0 month	green
Total contract value [GBPx1000]	141,509	271,542		280,924		
Claims / Variations approved				9,382		
Claims / Variations not approved				269		
Performance		196,456	201,922	202,163	100.1%	green
Actual Cost to Date				184,331	100.0%	green
Result	11.07%	7.23%	8.84%	8.82%	1.6%	green
Payment Status		196,456	226,005	230,411	101.9%	green
Av.Perf/mth: Rem. & act. 3mth			2,461	5,953		green

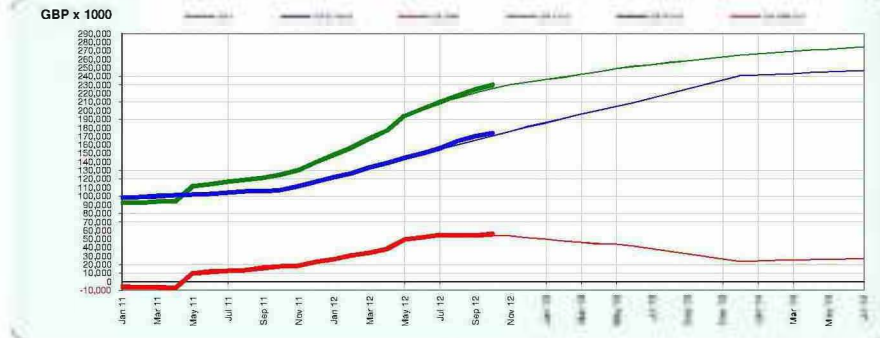
Project Key Figures



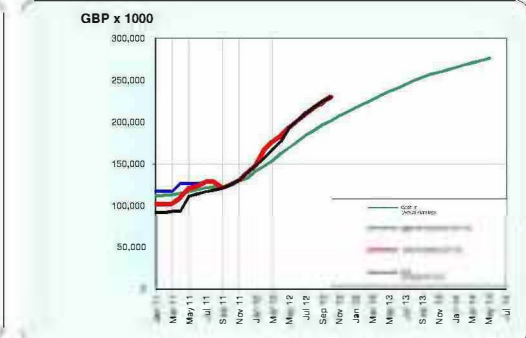
Project Result



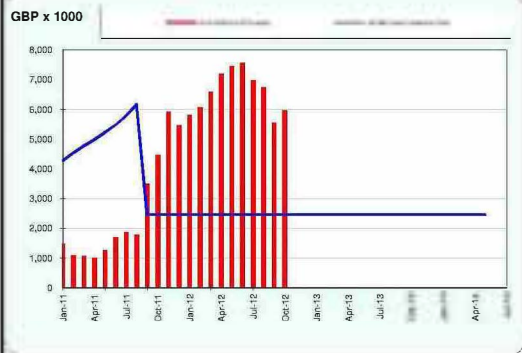
Project Cost



Cashflow



Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev4)



Contingencies vs Risks

1.02 Short note on Overview Charts

1.2.1 Performance

Last month works were performed in accordance with the agreed Programme Rev5.

Actual performance:	£7,158,937
Planned performance:	£6,917,612
Variance:	£241,325

1.2.2 Project Cost

The planned project cost reflect all contractual arrangements with the client, sub-contractors and suppliers to date. Strict control measures on purchase and site management as well as monthly control meetings ensure awareness and effectiveness on cost control.

1.2.3 Project Result

Monthly cumulative result:	£17,832,500	or	8.82%
Forecast/planned result:	£24,833,714	or	8.84%
Weighted margin out of R&O:	£28,532,440	or	10.16%

1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£230,411,095
Paid net from the client:	£230,411,095
Variance	£0

1.2.5 Cashflow

The ETN project cash position increased further positive on the basis of the revised milestone payment schedule and effective cash management.

Cash in net:	£231,353,317	(incl. interest income)
Cash out net:	£174,154,946	
Cash balance net:	£56,256,148	

1.2.6 Contingencies

The remaining estimated contingencies value is unchanged to previous month:

£3,854,780 (see attachment 3.01)

1.2.7 Construction Programme

The updated Programme Rev 5 (agreed with the client 01/06/2012) is still in place.

Contractual milestones defined:		
Sectional A Completion Date:	16 December 2011	- Achieved -
Sectional B Completion Date:	08 March 2013	
Sectional C Completion Date:	09 April 2014	
Sectional D Completion Date:	08 July 2014	

1.03 General Information

1.3.1	Short note on progress, events this month		
	<p><u>Mobilisation/Demobilisation:</u> -</p> <p><u>Design:</u> Further instructions to perform additional design changes were received during the month, which are scheduled to be completed by end 2012.</p> <p><u>Procurement :</u> All subcontract arrangements are in place, minor purchase on finishing works ongoing.</p> <p><u>Construction :</u> During October works were performed in accordance with the agreed Programme Rev5.</p> <p><u>Contract :</u> Settlement Agreement signed on 15th September 2011 which defines new contractual arrangements for the Off Street Works and On Street Works up to York Place (retrunked line) with a revised Contact Amount of £ 271.542.291.</p> <p>The Settlement Agreement is based on Programme Rev. 4 (approved) and the commercial implications of this change (Rev. 3A to Rev. 4) have been regulated by a Change Order. Programme Rev. 5 has been agreed without commercial impact compared to Rev. 4.</p> <p>In October 16 new/revised Change Orders and further On-Street works certified increased the Variation Order value in an amount of £ 3,411,896 up to £ 9,382,076 in total.</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
	18/10/2012	Change Order on Cost Engineering for On-Street-Programme received	
1.3.4	Status on Major Unapproved Claims / Variations / Changes		
	Several changes have been notified (see list "2.08b Unapproved Changes").		

1.04 Performance Sheet

1. General Information		2. Construction Period		Original Contract	Revised Contract	Variance
Client:	The City of Edinburgh Council	Construction start date	15-May-08	15-May-08	0 days	
Leadership:	BILFINGER CONSTRUCTION UK LIMITED	Construction end date	16-Jul-11	08-Jul-14	1,088 days	
	Share: 100%	Total excl. Site Removal	38.0 month	73.8 month	194.0 %	
Currency:	GBP Rp. (all amounts without V.A.T.)	Expired construction time	53.5 month	53.5 month	72.6 %	
Rate of Exchange Top Sheet:	1 GBP = 1.11 EUR Actual: 1.26 EUR	Performance to date	202,163,209 GBP		72.0 %	

2. Total Contract Value		Date of Contract	Total Previous Month	October 2012	Total Reporting Month
Contract Value with Client (Rev 4 evaluation)	271,542,291 (incl. SDS NovaAgree)	100.00%	277,512,471	102.2%	3,411,896
Contract Value with 3rd Parties (without interest)			0	0.0%	0
			277,512,471	102.2%	3,411,896
					280,924,367
					103.5%

3. Claims and Variations		Total Previous Month	October 2012	Total Reporting Month
Claims and Variations approved		5,970,180	2.2%	3,411,896
Claims and Variations submitted but not approved yet		-23,270	0.0%	291,871
Claims and Variations under preparation		0	0.0%	0
				9,382,076
				3.5%
				268,601
				0.1%
				0
				0.0%

4a. Performance		Total Previous Month	October 2012	Total Reporting Month
Performance for Actual Contract Value with Client		195,004,272	70.27%	7,158,937
Performance for 3rd Parties (without interest)		0	0.00%	0
Total Performance to Date		195,004,272	70.27%	7,158,937
Remaining Performance to Date		82,508,199	29.73%	
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		195,004,272	70.27%	6,917,612
				202,163,209
				71.96%
				0
				0.00%
				202,163,209
				71.96%
				78,761,158
				28.04%
				201,921,884
				71.88%

4b. Cost		Total Previous Month	October 2012	Total Reporting Month
Actual Cost at Reporting Date		178,931,859	64.48%	5,398,850
				184,330,709
				65.62%

5. Result		Date of Contract	Total Previous Month	October 2012	Total Reporting Month
Planned Result for Contract with Client (revised evaluation)	19,632,508	7.23%	22,790,809	8.21%	2,042,905
Actual Result at Reporting Date			16,072,413	8.24%	1,760,087
Forecast Result at the End of Contract			22,790,809	8.21%	2,042,905
Weighted Result at the End of Contract (Likely Case)			26,516,910	9.56%	2,015,530
					24,833,714
					8.84%
					17,832,500
					8.82%
					24,833,714
					8.84%
					28,532,440
					10.16%

6. Invoices, Payment and Bank account		Total Previous Month	October 2012	Total Reporting Month
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	221,767,899
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	224,684,061
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	224,684,061
Cash in from 3rd Parties - excl. VAT		0	0.00%	0
Interest income		937,781	0.48%	4,441
Cash out (excl. VAT)		170,218,840	61.34%	3,936,106
Net Liquidity	credittline	0	0%	54,465,221
				1,790,928
				56,256,148
				20.03%
				230,582,856
				82.08%
				230,411,095
				82.02%
				230,411,095
				82.02%
				0
				0.00%
				942,222
				0.47%
				174,154,946
				61.99%
				56,256,148
				20.03%

7. Subcontractor Work (incl. Design)		Total Previous Month	October 2012	Total Reporting Month
Total Portion of Subcontractor Budget (first evaluation)	186,628,491 (incl. SDS)	68.73%	189,500,889	68.29%
Total Amount of signed Subcontracts incl. approved Variation Order		0	0.00%	0
Total Subcontractor Result to date		0	0.00%	0
Actual Subcontractor Costs to date (incl. Accruals)		0	0.00%	0
Therefrom invoiced to date		0	0.00%	0
				1,121,331
				67.86%
				0
				0.00%
				0
				0.00%
				0
				0.00%

8. Actual Forecast for Performance and Result in TSD GBP

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

Linear Calculation

	Actual / Forecast				
	2008-2010	2011	2012	2013	2014
		1,573	5,817	4,894	2,812
		815	6,518	4,890	2,805
2008		788	7,419	4,887	2,778
	12,940	1,424	7,046	4,865	2,820
		1,574	7,266	4,746	2,616
2009		2,056	7,720	4,428	2,278
	37,734	1,937	5,930	4,345	2,004
		1,355	6,583	4,336	
2010		7,192	4,118	4,336	
	50,195	4,827	7,159	2,882	
		5,712	5,486	2,837	
		5,867	4,888	2,827	
Total	100,868	35,119	76,550	50,274	18,113

total: 280,924

Yearly Forecast		
Performance and Result in 2008-2010		
Performance	100,868,316	35.9%
Result	0	
Performance and Result in 2011		
Performance	35,119,425	12.5%
Result	12,021,316	34.23%
Performance and Result in 2012		
Performance	76,549,885	27.2%
Result	6,787,008	8.84%
Performance and Result in 2013		
Performance	50,273,625	17.9%
Result	4,444,206	8.84%
Performance and Result in 2014		
Performance	13,830,900	4.9%
Result	1,222,652	8.84%
Total Performance and Result		
Performance	276,642,334	98.5%
Result	24,455,182	8.84%

Edinburgh, 15/11/2012

Place and Date

[Redacted Signature]

Project Director

Edinburgh, 15/11/2012

Place and Date


[Redacted Signature]

Project Control Manager

1.05 Weighted Result with Chances and Risks

Revenue		best case	likely case	worst case	Cost		best case	likely case	worst case
		' GBP	' GBP	' GBP			' GBP	' GBP	' GBP
1	Actual Contract Value according Job Site Estimate incl. Approved Change Orders	280,924	280,924	280,924	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-256,091	-256,091	-256,091
2	Unapproved, but in Job Site Estimate integrated Changes	0	0	0	2	Unapproved, but in Job Site Estimate integrated Changes	0	0	0
3	Total unapproved Changes	0	0	0	3	Total unapproved Changes	0	0	0
4.1					4.1				
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				
Σ 4	Risks not included in JSE	0	0	0	Σ 4	Risks not included in JSE	0	0	0
5.1					5.1	Saving on Contingencies	3,855	2,604	0
5.2					5.2	Savings on Uninsured Economic Losses	1,980	1,000	0
5.3					5.3	Interest Income	136	94	0
5.4					5.4				
5.5					5.5				
5.6					5.6				
5.7					5.7				
5.8					5.8				
5.9					5.9				
5.10					5.10				
5.11					5.11				
5.12					5.12				
5.13					5.13				
5.14					5.14				
5.15					5.15				
Σ 5	Chances	0	0	0	Σ 5	Chances	5,971	3,699	0
6 =1+3+4+5	Forecast Final Revenue	280,924	280,924	280,924	6 =1+3+4+5	Forecast Final Costs	-250,120	-252,392	-256,091

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	280,924		
	Costs	-250,120		
	Result	30,804		
% Gross Margin based on Revenue Best Case	Revenue: 280,924	10.97%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		280,924	
	Costs		-252,392	
	Result		28,532	
% Gross Margin based on Revenue Likely Case	Revenue: 280,924		10.16%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			280,924
	Costs			-256,091
	Result			24,834
% Gross Margin based on Revenue Worst Case	Revenue: 280,924			8.84%
Gross Margin previous month (most likely case)		10.37%	9.56%	8.21%

	Project: Edinburgh Tram Network as per: 31/10/2012	 BILFINGER Bilfinger Construction GmbH
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001JE52 Edinburgh Tram Network 2012-10
Reporting Month: 54. Report Period, 31/10/2012

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES	Description	TO DATE								CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL					
		Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allowable incl. agreed VO's 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC IQxDJC-Rate 9	Variance to Date 10 = 9 - 5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 1	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCt AQty. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
Evaluation with Activity Model: Rev.7_20120331																							
25.1.201.12	SECTION 1C	1,959,836	879,092	2,838,928	2,843,566	0	4,638	2,843,566	4,638	511,538	489,028	-22,510	9,613,037	9,613,037	-598,045	0	9,014,991	8,811,714	32.27 %	5,968,148	8,807,076	207,916	14,372
25.1.201.13	Princes Street (outstanding ...	1,539,186	136,385	1,675,571	1,688,486	0	12,915	1,743,692	68,121	4,690	4,690	0	1,160,259	1,160,259	585,501	0	1,745,766	1,745,766	99.88 %	2,074	1,677,645	68,121	12,931
25.1.201.14	SECTION 1D	3,891,802	640,422	4,532,224	4,532,022	0	-202	4,532,022	-202	1,107,363	1,095,775	-11,588	10,022,227	10,022,227	931,150	0	10,953,377	10,688,238	42.40 %	6,156,216	10,688,440	264,937	-476
25.1.201.15	SECTION 1CD - SITE WIDE	3,059,092	422,415	3,481,507	3,482,302	0	795	3,482,302	795	171,977	188,922	16,945	5,916,403	5,916,403	857,281	0	6,773,690	6,297,375	55.30 %	2,815,071	6,296,580	477,110	1,438
1.1	CONSTRUCTION ON-STREET rev ...	10,449,916	2,078,314	12,528,230	12,546,376	0	18,146	12,601,582	73,35	1,795,568	1,778,415	-17,153	26,711,926	26,711,926	1,775,899	0	28,487,825	27,543,093	45.75 %	14,941,511	27,469,741	1,018,084	28,264
25.1.201.31	Section 1A	3,362,462	0	3,362,462	3,371,353	0	8,891	3,371,353	8,891	-8,891	0	8,891	5,592,262	5,592,262	-2,220,909	0	3,371,353	3,371,353	100.00 %	0	3,362,462	8,891	8,891
25.1.201.40	Section 1 B	566,937	0	566,937	588,685	0	21,748	588,685	21,748	0	0	0	588,685	588,685	0	0	588,685	588,685	100.00 %	0	566,937	21,748	21,748
25.1.201.45	Section 1CD	3,231,906	138,520	3,370,426	3,364,108	0	-6,318	3,364,108	-6,318	26,673	0	-26,673	3,810,714	3,810,714	0	0	3,810,714	3,810,714	88.28 %	446,606	3,817,031	-6,318	-7,157
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,225	0	0	12,083,223	0	0	0	0	12,083,225	12,083,225	0	0	12,083,225	12,083,223	100.00 %	0	12,083,223	0	2
1.2	CONSTRUCTION ON-STREET origi...	19,244,528	138,520	19,383,048	19,407,371	0	24,323	19,407,369	24,321	17,782	0	-17,782	22,074,886	22,074,886	-2,220,909	0	19,853,971	19,853,975	97.75 %	446,606	19,829,654	24,323	23,484
25.1.201.54	SECTION 5ABC- Trackworks	11,416,186	1,198,145	12,614,331	12,578,599	0	-35,732	12,578,599	-35,732	1,216,485	981,322	-235,16	18,185,633	18,185,633	2,434,662	0	20,620,295	20,620,295	61.00 %	8,041,696	20,656,027	-35,732	-58,577
25.1.201.58	SECTION 5ABC- Structures	33,658,159	466,656	34,124,815	34,164,237	0	39,423	34,164,237	39,423	266,251	565,614	299,363	40,222,415	40,222,415	110,015	0	40,332,430	40,332,430	84.71 %	6,166,193	40,293,007	39,423	46,539
25.1.201.61	SECTION 2	18,240,385	1,685,845	19,926,230	19,933,720	0	7,490	19,933,720	7,490	1,157,193	1,153,884	-3,309	25,898,810	25,898,810	-112,928	0	25,785,882	25,849,581	77.11 %	5,915,861	25,842,091	-56,209	9,713
25.1.201.62	SECTION 7	16,804,875	340,429	17,145,304	17,144,555	0	-749	17,144,555	-749	210,006	264,598	54,592	16,955,851	16,955,851	402,340	0	17,358,191	17,144,555	100.00 %	0	17,145,304	212,887	-749
25.1.201.63	SECTION 6	17,274,924	585,395	17,860,319	17,717,735	0	-142,584	17,713,310	-147,009	3,946	-2,731	-6,67	17,539,988	17,539,988	126,100	0	17,666,088	17,743,310	100.00 %	0	17,860,319	-194,231	-142,584
1.3	CONSTRUCTION OFF-STREET	97,394,528	4,276,470	101,670,998	101,538,846	0	-132,15	101,534,421	-136,57	2,853,881	2,962,687	108,806	118,802,697	118,802,697	2,960,189	0	121,762,886	121,660,171	83.46 %	20,125,750	121,796,748	-33,862	-145,658
25.1.201.21	TTM	3,162,104	146,857	3,308,961	3,333,619	0	24,658	3,309,718	757	4,780	0	-4,780	4,258,521	4,258,521	138,696	0	4,397,211	4,397,217	75.27 %	1,087,499	4,396,460	757	32,759
25.1.201.25	Advanced Maintenance	24,296	1,038	25,334	20,111	0	-5,223	20,111	-5,223	5,476	0	-5,476	0	0	102,080	0	102,080	102,080	19.70 %	81,969	107,303	-5,223	-26,513
1.4	SECTION/VIDE	3,186,400	147,895	3,334,295	3,353,730	0	19,435	3,329,829	-4,466	10,256	0	-10,256	4,258,521	4,258,521	240,776	0	4,499,291	4,499,297	74.01 %	1,169,468	4,503,763	-4,466	6,247
	DIRECT JOB COSTS	130,275,372	6,641,199	136,916,571	136,846,323	0	-70,248	136,873,201	-43,370	4,677,487	4,741,102	63,615	171,848,030	171,848,030	2,755,955	0	174,603,985	173,556,536	78.86 %	36,683,335	173,599,906	1,004,079	-87,663
25.1.201.42	HAYMARKET OFFICE	518,918	-11,440	507,478	557,123	0	49,645	541,222	33,744	9,925	7,901	-2,024	1,030,622	1,030,622	264,808	0	1,295,430	1,060,744	51.02 %	519,522	1,027,000	268,430	97,305
25.1.201.53	EDINBURGH PARK STORAGE	1,419,428	4,507	1,423,935	1,468,378	0	44,444	1,468,378	44,444	3,065	3,240	177	1,716,758	1,716,758	0	0	1,716,758	1,716,758	85.53 %	248,380	1,672,315	44,444	51,962
25.1.201.64	CONSORTIUM OFFICE	3,914,967	89,375	4,004,342	4,008,558	0	4,216	4,008,558	4,216	96,075	55,925	-40,150	6,304,886	6,304,888	2,109,129	0	8,414,015	6,907,532	58.03 %	2,898,971	6,903,316	1,510,699	7,265
25.1.201.65	STAFF	22,108,874	54,992	22,163,866	22,151,703	0	-12,163	22,151,703	-12,163	344,188	339,492	-4,696	33,262,345	33,262,345	1,131,384	0	34,393,729	33,445,679	66.23 %	11,293,976	33,457,841	935,887	-18,365
25.1.201.66	DESIGN	13,339,363	376,758	13,716,121	13,671,863	0	-44,258	13,665,673	-50,448	147,489	97,489	-50,000	14,780,459	14,780,459	1,244,576	0	16,025,035	16,018,919	85.31 %	2,353,246	16,069,367	-44,332	-51,879
25.1.201.67	FINANCE	764,443	143,181	907,624	917,860	0	10,236	897,860	-9,764	65,516	24,887	-40,629	10,683,311	10,683,311	241,960	0	10,925,271	12,113,448	7.41 %	11,215,588	12,123,211	-1,197,941	10,236
25.1.201.68	ORIGINAL TENDER	543,775	0	543,775	543,775	0	0	543,775	0	0	0	0	543,775	543,775	0	0	543,775	543,775	100.00 %	0	543,775	0	0
25.1.201.71	CONSULTANTS	4,086,419	60,578	4,146,997	4,176,966	0	29,969	4,136,966	-10,031	55,106	32,194	-22,912	6,699,594	6,699,594	249,247	0	6,948,841	6,872,482	60.20 %	2,735,516	6,882,513	66,328	49,782
	INDIRECT JOB COST	46,696,187	717,951	47,414,138	47,496,226	0	82,088	47,414,135	-3	721,364	561,128	-160,236	75,021,750	75,021,750	5,241,101	0	80,262,854	78,679,337	60.26 %	31,265,202	78,679,340	1,583,514	146,307
25.1.201.72	RISKS & OPPORTUNITIES	0	0	0	0	0	0	0	0	0	0	0	5,040,000	5,040,000	0	0	5,040,000	3,854,780	0.00 %	3,854,780	3,854,780	1,185,220	0
	CONTINGENCIES	0	0	0	0	0	0	0	0	0	0	0	5,040,000	5,040,000	0	0	5,040,000	3,854,780	0.00 %	3,854,780	3,854,780	1,185,220	0
Total		176,971,559	7,359,150	184,330,709	184,342,549	0	11,840	184,287,336	-43,373	5,398,851	5,305,966	-92,885	251,909,780	251,909,780	7,997,059	0	259,906,839	256,090,653	71.96 %	71,803,311	256,134,026	3,772,813	58,644

without Allocation

Project: GB-2006-1001JE52 Edinburgh Tram Network 2012-10
Reporting Month: 54. Report Period, 31/10/2012

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE									CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL					
Work- / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals	Actual Allowable incl. agreed VO's	Allowable for unapproved VO's	Variance to Date	Revised DJC IQxDJC-Rate	Variance to Date	Actual Cost with Accruals	Actual Allowable	Variance	Budget Original WQty.	Budget Orig. Contr. with AQty.	Budget Agreed VO's AQty.	Budget unappr. VO's AQty.	Budget Total AQty.	Revised DJCT AQty.	% Complete	Cost to Complete (AQ-IQ)	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)	
				5=3+4	6	7	8=(6+7)-5	9	10=9-5	11	12	13=12-11	14	15	16	17	18=15+16+17	19	20=9/19	21=19-9	22=5+21	23=18-22	24=8/20	
Total Cost incl. Prime Cost Sums		176,971,559	7,359,150	184,330,709	184,342,551		11,842	184,287,33	-43,372	5,398,850	5,305,966	-92,88	251,909,780	251,909,780	7,997,05		259,906,837	256,090,653	72.0 %	71,803,316	256,134,025	3,772,81	16,447	
Prime Cost Sums 0 / 0																								
Total Cost without Prime Cost Sums		176,971,559	7,359,150	184,330,709	184,342,551		11,842	184,287,33	-43,372				251,909,78	251,909,780	7,997,05		259,906,837	256,090,653		71,803,316	256,134,02			

REMEASURED CONTRACT:

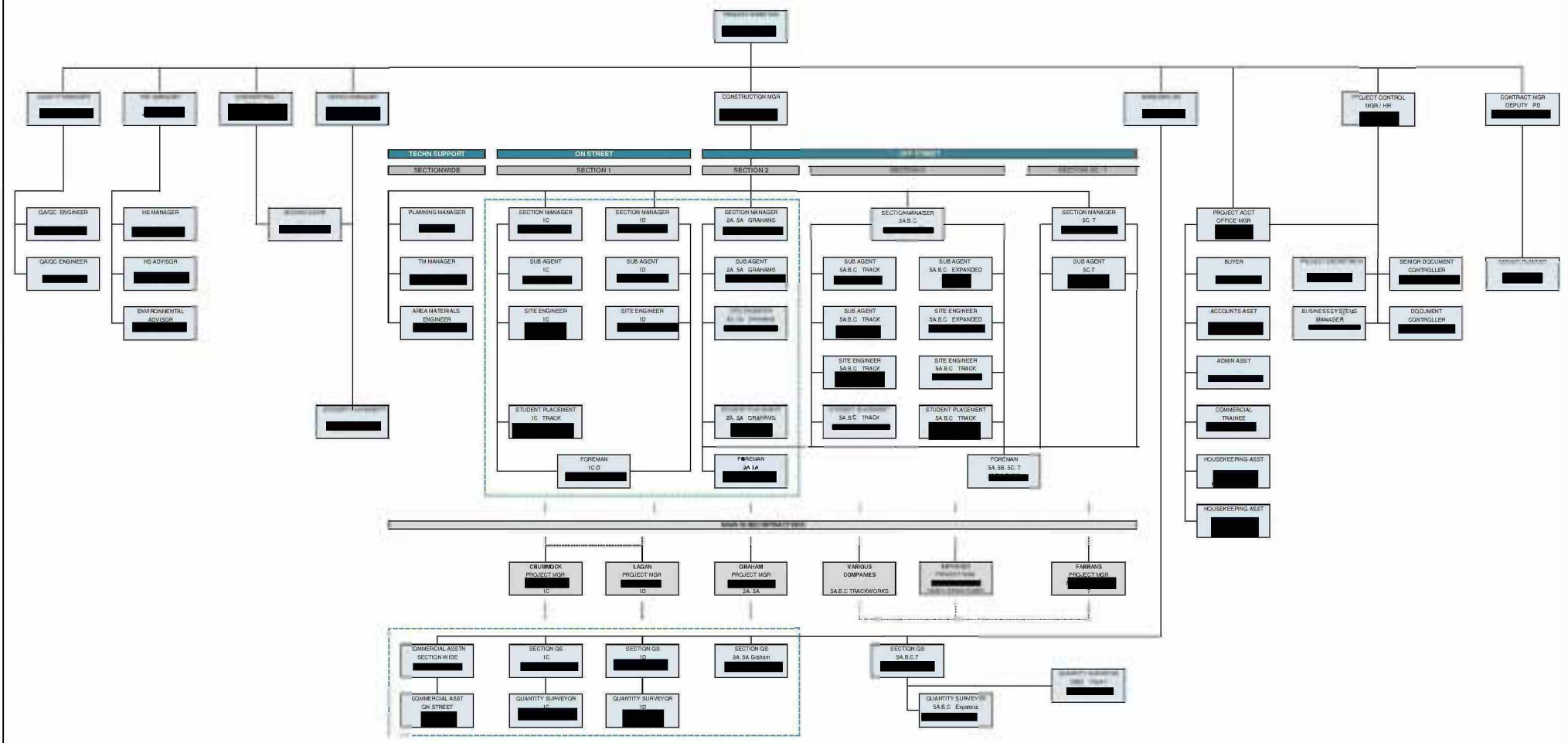
Gross Margin original Contract and agreed VO's (PF = 1.0970, PFB = 1.0809)

Total Cost without Prime Cost Sums		184,330,709	184,342,551		184,287,33			251,909,780	251,909,780	7,997,05		259,906,837	256,090,653		256,134,02		
Gross Margin			14,913,312		17,875,872			19,632,511	19,632,511	1,385,019.00		21,017,530	24,833,714		24,790,342		
Gross Margin in % of Performance			7.48 %		8.84 %			7.23 %	7.23 %	14.76 %		7.48 %	8.84 %		8.82 %		
Performance without Prime Cost Sums			199,255,863		202,163,209			271,542,291	271,542,291	9,382,076		280,924,367	280,924,367		280,924,367		
Actual Cost to date			184,330,709		184,330,709												
Gross Margin to date			14,925,154		17,832,500												
Gross Margin to date in % of Performance			7.49 %		8.82 %												
Performance Prime Cost Sums																	
Total Performance			199,255,863		202,163,209			271,542,291	271,542,291	9,382,076		280,924,367	280,924,367		280,924,367		
Revenue according WBS																	

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0970, PFB = 1.0809)

Total Cost without Prime Cost Sums			184,342,551		184,287,337			251,909,780	251,909,780	7,997,05		259,906,837	256,090,653		256,134,025		
Gross Margin			14,913,312		17,875,872			19,632,511	19,632,511	1,385,019.00		21,017,530	24,833,714		24,790,342		
Gross Margin in % of Performance			7.48 %		8.84 %			7.23 %	7.23 %	14.76 %		7.48 %	8.84 %		8.82 %		
valued Performance without Prime Cost Sums			199,255,863		202,163,209			271,542,291	271,542,291	9,382,076		280,924,367	280,924,367		280,924,367		
Actual Cost to date			184,330,709		184,330,709												
Gross Margin to date			14,925,154.00		17,832,500												
Gross Margin to date in % of Performance			7.49 %		8.82 %												
Performance Prime Cost Sums (incl. valued performance)																	
Total Performance (incl. valued performance)			199,255,863		202,163,209			271,542,291	271,542,291	9,382,076		280,924,367	280,924,367		280,924,367		
Revenue according WBS (VO's valued)																	
Revenue according WBS (VO's valued by 100%)																	

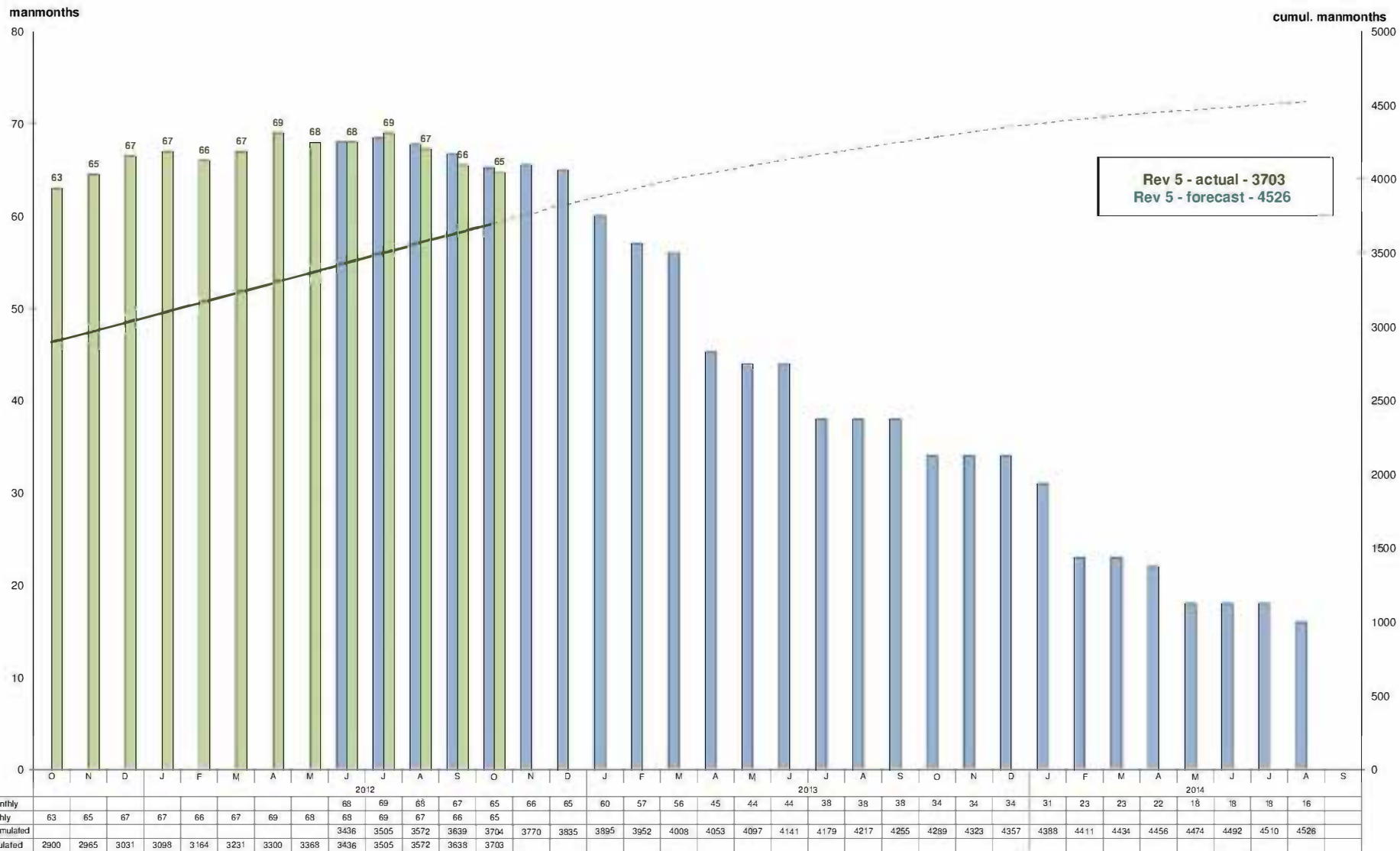
2.05 Organisation Chart



Based at Haymarket Office

**EDINBURGH TRAM NETWORK
 CIVIL WORKS TEAM**
 Rev57 01/10/2012

2.06 Staff Chart



2.08a Approved Change Orders

										Job Estimate Budgets									
PRC	INC	EC	EST	Design	EST	CON	SW	Section / Activity	Description	Date Issued	Revenue	EST	Design	Construction	Provision	Margin	Margin %	Notes	
1	501	502						1A	66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011	20,021.00	14,641.00		3,359.91	1,620.09	9.09%		
	502	506						1A	66	New Footpath at ocean Drive	26/10/2011	10,231.00	7,564.00		1,716.91	930.09	9.09%		
	503	515						5C	63	OLE temporary portals at Depot Access Bridge to allow finalisation without Edinburgh Gateway	01/12/2011	16,980.40		12,567.00		2,849.73	1,543.67	9.09%	
	504	506						1C	66	Inclusion of Blenheim Place redesign (for TRO) within Picardy Place roadwork - instruction	26/10/2011	46,247.00	34,283.00		7,759.73	4,204.27	9.09%		
	505	513						1C	66.12	Incorporating New run time model based on York Place Terminal Agreement	29/11/2011	228,652.80	168,498.00		38,368.18	20,766.62	9.09%		
	506	503A						1C	66	Princes St - new cycle way from The Mound into Princes Street	26/10/2011 30/01/2012	11,105.64	6,996.00		3,100.04	1,009.60	9.09%		
	507	504C						1C	66	St Andrew Square Public Realm Design finalisation	30/10/2012	133,075.48	98,648.00		22,329.71	12,097.77	9.09%		
	509	519						OH	66	Cathedral Lane Substation - change to Henderson Global Design	15/12/2011	233,595.67	173,162.10		39,197.60	21,235.97	9.09%		
	520	553							63	Valve chamber access and alterations to 800mm water main at depot	26/02/2012	100,522.72		71,231.50		20,152.79	9,138.43	9.09%	
10	511	511						5C	66.63	Allow for storm water connection from Gogar Lodge to landowners new spot tank. CVI Ref BARR6/015	22/11/2011	5,750.46	3,440.00	849.40		938.29	522.77	9.09%	
12	512	505A						1A	66	Incorporate AECOM design for Ocean Terminal Bypass Road	26/02/2012	53,685.15	39,796.26		9,008.43	4,680.47	9.09%		
13	508	507						7A	66	New Road Safety Audit to achieve BAA/EAL approval	26/10/2011	10,025.00	7,432.00		1,681.64	911.36	9.09%		
15	513	526A						SWON	66	Utility Conflict verification - design changes	20/02/2012	156,870.49	116,266.50		26,323.04	14,260.95	9.09%		
16	514	554						SWON	15	Utility mapping	29/02/2012	92,756.07		68,759.13		15,564.57	8,432.37	9.09%	
17	516	565							58	Additional watermain requirement at Depot and Mini test track	26/04/2012	51,281.72		38,014.62		8,605.13	4,661.97	9.09%	
18	517	539							63	Additional BT Ducts at Depot and Mini Test track	16/01/2012	2,996.00		2,220.90		502.73	272.36	9.09%	
19	524	586							66.62	NIL Design Finalisation	16/07/2012	40,559.19	3,784.50		33,561.17	7,075.32	3,667.20	9.09%	
20	539	529						SW	SW	Programme Rev 3A/4	21/12/2011	2,851,900.00	2,356,942.15			494,957.85	17.36%		
21	541	611						1D	13	available BT Lines to avoid provision of direct FO link from Princes Street to	17/10/2012	4,535.57		3,862.17		761.07	412.32	9.09%	
22	529	524A						OH	66.7	Redesign Gogar Castle Access Road	17/01/2012	31,308.00		23,206.30		5,253.52	2,646.18	9.09%	
23	530	525						OH	66	Depot Access Road Turning Head	16/12/2011	30,458.40		22,578.50		5,110.95	2,768.95	9.09%	
26	576	543						5C	63	Reinstatement 250mm Watermain	26/04/2012	36,787.81		27,270.43		6,173.03	3,344.35	9.09%	
27	526	518							63	Tram Delivery Temporary Works	12/12/2011	6,878.44		5,331.65		921.48	625.31	9.09%	
31	544	512						OH	64	Extension to Edinburgh Park Office to accommodate CEC/Transport Scotland	22/11/2011	159,900.00		139,043.40		6,320.24	14,536.36	9.09%	
38	549	510						1D	14	Move 3 No OLE's (St John's Church) to central reserve (SV200G)	22/11/2011	TBC							
39	550	514						OH	66	Move OLE's in Sharnwick Place and amend Landscaping	19/12/2011	TBC							
41	534	556						5ABC	54	Scottish Power insurance Ducts	01/05/2012	5,636.59		4,178.35		945.83	512.42	9.09%	
42	540	509A							54.66	Amendment to landscaping scope at plot 304 section 7	01/02/2012	2,011,120.00	3,768.00	152,855.97	33,748.39	18,283.64	9.09%		
45	555,557,562	521C						OH	66	Siemens OLE design update	06/09/2012	93,344.60	69,195.40		15,663.32	8,485.67	9.09%		
46	566	535A						OH	66	On-Street design changes due to utilities conflicts	12/01/2012 01/06/2012	40,359.38	29,918.00		6,772.35	3,669.03	9.09%		
47	566	537A						OH	66	On-Street Design Changes due to transform conflicts	16/04/12	10,864.85	8,054.00		1,623.13	967.71	9.09%		
48	563	516D						OH	66	SDS to provide services of Matt Hill	02/10/2012	128,857.26	51,246.00		64,076.76	11,532.48	9.09%		
50	567	536C						OH	66	On-Street drainage design changes due to utilities conflicts	06/09/2012	114,397.90	84,802.00		19,196.09	10,399.81	9.09%		
51	568	522A						OH	65	Provision of CAD Technician	03/02/2012	1,693.00		1,255.00		284.09	153.91	9.09%	
53	559	545						OH	66	Detailed Design of York Place Terminal	03/02/2012	56,436.11	41,837.00		9,470.37	5,130.74	9.09%		
54	565	533C						OH	66	Advanced design Edinburgh Gateway - Minimum Option	26/09/2012	5,949.09	4,410.00		996.26	540.83	9.09%		
55	564	531						SWON	15	Worksite Modelling for TM at Waverley Court	21/12/2011	TBC							
56	563	534						OH	66	On-Street design of circular pile caps	08/01/2012	TBC							

2.08a Approved Change Orders

PRC	INC	JOB	EST	Design	EST	COST	3rd-11	Section / Activity	Description	Date Issued	61	Revenue	Job Estimate Budgets					Revenue	
													EST	Design	Construction	Profit/loss	Margin		Margin %
57	569	538						OH 64	Running costs with the CEC office extension at Edinburgh Park	12/01/2012		79,220.00			68,866.96	3,131.23	7,201.62	9.09%	
59	561	528						1A 31	Value Engineering Forth Port Section 1A	21/12/2011		2,443,000.00			2,220,909.09		222,090.91	9.09%	
62	572	540A						OH 66	Cathedral Lane Substation Design	18/01/2012 29/06/2012		34,456.66	29544.00		5,782.23		3,132.62	9.09%	
63	574	542A						2A 61	Haymarket Viaduct delete part of cladding	16/07/2012		5,571.34		4,055.13	1,009.73		506.49	9.09%	
64	571A	573B						1D 66	Hope Street reinstatement	11/10/2012		TBC							
65	577	544						2A 61	Omit construction of Haymarket Substation retaining wall and plinth	26/01/2012		TBC							
66	578	546						SWON 15	Remove site investigation allowance	03/02/2012		57,994.00		52,712.73		5,271.27		9.09%	
70	586	557A		✓		✓		1C 66	Amended Design on St Andrew Square	20/06/2012		15,227.51	11,268.00		2,555.19		1,384.32	9.09%	
71	587	555B		✓		✓		SWON 66	Revised Sett Locations and new Sett Specification	13/09/2012		15,512.15	11,499.00		2,602.96		1,410.20	9.09%	
78	588	551						1D 21	Return of parking spaces Stafford Street	20/02/2012									
81	582	549						5A 61	Deleted Roseburn Viaduct Trespa cladding	09/02/2012		308,004.00		260,003.64		28,000.36		9.09%	
83	589	552						62	Deletion of Airport Kiosk	29/02/2012		150,000.00		136,363.64		13,636.36		9.09%	
84	593	556A						SWON 66	Cessation of Design North of York Place (SV-208F)	13/07/2012									
85	591	563						2A 61	Diversion of Scottish Power Cable	02/04/2012		2,428.20		1,600.00	407.45	220.75		9.09%	
89	601	560						5C 62.66	Shelters at Gogarburn Tramstop to be 6m length	15/03/2012 14/09/2012		27,862.60	2,671.00		17,963.26	4,675.37	2,532.96	9.09%	
91	574	574				✓		1A 21	Ongoing Traffic Management	12/06/2012		133,140.45		98,695.66	22,341.11	12,103.68		9.09%	
92	595	566						2A 61	Deletion of crew relief facilities	06/05/2012		74,001.12		54,856.28	12,417.47	6,727.37		9.09%	
92	616	567						2A 61	Crew relief wall construction to close void beneath Haymarket Viaduct	06/05/2012		10,797.88		8,004.36	1,811.90	981.63		9.09%	
92	615	566A						2A 66	Design for crew relief wall construction to close void beneath Haymarket Viaduct	09/10/2012		1,900.12	1,408.54		318.84	172.74		9.09%	
94	607	623				✓		SW 12.13.14	Delete Requirements at all Tramstops for 110v socket for cleaning purposes On Street	23/10/2012		6,153.73		4,561.70	1,032.60	559.43		9.09%	
95	608	624						SW 54.61.62.63	Delete Requirements at all Tramstops for 110v socket for cleaning purposes On Street	23/10/2012		38,651.41		27,317.58	6,163.71	3,350.13		9.09%	
112	618	576						63	Alteration to 1800mm Diameter Manhole	19/06/2012		6,476.31		4,578.44	1,036.39	551.46		9.09%	
115	620	569A						66	Airport Tram Stop Design	27/09/2012		17,783.67		13,183.00	2,984.15	1,616.72		9.09%	
117	622	569						SW 53	Payment for power supplies provided by CEC (Siemens Reference SV-0132h)	16/07/2012		TBC							
119	627	599						1D 66	St Johns Church deletion of pedestrian barrier	21/06/2012									
120	623	596						25	Gogar Depot Repair	26/08/2012		1,867.15		1,384.10	313.31	169.74		9.09%	
121	663	588						5C 63	Estimate for CEC for purchasing the existing heras fencing surrounding the Mini Test Track	16/07/2012		6,423.68		4,761.96	1,077.93	583.99		9.09%	
140	640	565						5B 67	Unimog - Insurance Premium	11/07/2012		TBC							
148	643	572B						5C 54.66	Edinburgh Gateway Works, Design & Construction	26/06/2012		2,972,732.16	119,266.00	2,064,390.16	496,827.62	270,248.36		9.09%	
150	647C	577D						1C 66	Design on street works carriageway reconstruction	11/10/2012		23,866.74	17,707.00		4,008.22	2,171.52		9.09%	
151	648	579						1CD 66	Design cabinet positions for street lighting Princes Street	19/06/2012		TBC							
153	651A	625						SW	Deferral installation of Tramstop shelter and Hi Out	31/10/2012		TBC							
155	657	582A						1CD 66	As-Built Drawings Princes Street	11/10/2012		3,271.33	2,425.00		548.93	287.39		9.09%	
156	653	583						1C 66	DWG CAD Drawings Design York Place	22/05/2012		TBC							
169	662	590						7A 62	Topographical Survey	11/07/2012		1,993.62		1,478.00	334.57	181.26		9.09%	
170	667	594B						2A 66	Call off service to respond Network Rail Technical Queries	27/09/2012		9,456.49	7,010.00		1,586.81	659.68		9.09%	
171	668	595						1C 12	York Place, De-scope of Works	12/07/2012		1,015,155.60		966,815.09		48,340.71		4.76%	
173	666	593						5A 61	ScotRail Pedestrian Access Gate	19/07/2012		TBC							

2.08a Approved Change Orders

PRC	INC	ICD	EST	Design	EST	ONSET	END	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Margin %
												EST	Design	Construction	Provision	Margin	
177	670	592A						1C 66	Design response Princes St Road Safety Audit	11/10/2012	1,610.77		1,194.05	270.29	146.43	9.09%	
181	679	601						63	Temporary reduction in the volume of water in Depot storage tanks	14/06/2012	TBC						
195	684	621						25	Repairs to damaged utility cover slabs	23/10/2012	938.27		695.53	157.44	85.30	9.09%	
197	685	603						1A 66	Design and As Built Information Lindsay Road	21/08/2012	TBC						
199	690	606A						2A 61	Undertake re ballasting works to the operational element of the Westshunt line within the Haymarket Depot	23/10/2012	76,413.27		56,644.38	12,822.23	6,916.66	9.09%	
203	664	591						5C 62	Gogar Castle Access Road, works following Road Safety Audit - additional area of high friction surfacing	06/09/2012	TBC						
206	691	605						1C 66.tbc	Cathedral Lane, Tram Substation. Investigate and amend design of Cathedral Lane Retaining Wall	05/09/2012	TBC						
207	672	606A						ON 66.tbc	Review and amend design for On Street Drainage	11/10/2012	TBC						
208		620						SW	Cost Engineering in respect of the Programme	16/10/2012	3,162,987.12	2,614,036.94			548,948.18	17.38%	
213	689	609A						ON 66	On Street Road Sign Bases, Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TPE 2's) - DESIGN	11/10/2012	1,000.00		741.29	167.80	99.91	9.09%	
214	683	604						62	Trial holes to locate Scottish Water pipe at Gogarburn	16/09/2012	TBC						
215	701	614						62.66	Reinstatement works at the Airport	26/09/2012	TBC						
216	702	615						62	Eastfield Avenue pedestrian crossing provide and install STRAIL panels	26/09/2012	TBC						
217	695	613						62	Banker Access North of GRC exit at Burnside Road, temporary surface and install kerbs at Edinburgh Airport	26/09/2012	TBC						
15	513	ICCD						1D 15	Utility Conflict Verification	31/10/2012	17,210.11		12,757.68	2,887.67	1,564.56	9.09%	
25	543	ICCO						1D 14	Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	31/10/2012	250,503.15		185,695.44	42,034.70	22,773.01	9.09%	
26	521	ICCO						1D 14	Provide temporary accommodation and Welfare facilities	31/10/2012	1,542.96		1,143.78	259.91	140.27	9.09%	
35	547	ICCO						1D 14	Haymarket H1: Third Party affecting our ability to progress the works	31/10/2012	4,079.69		3,024.38	684.61	370.90	9.09%	
36	548	ICCO						1D 14	Haymarket H1: BT Fibre Optic Service required Diverted	31/10/2012	83,052.94		61,566.90	13,936.37	7,550.27	9.09%	
37	528	ICCO						1D 14	Haymarket 1 - Shit Trench Excavation to Validate Utilities	31/10/2012	6,565.45		4,866.90	1,101.69	596.86	9.09%	
38	549	ICCO						PSOW 13	Move 3 No OLE's (St Johns Church) to central reserve	31/10/2012	32,642.25		24,197.37	5,477.40	2,957.46	9.09%	
40	535	ICCO						PSOW 13	Scottish Water Diversion at Junction of Princes Street and South St David Street	31/10/2012	252,985.51		187,535.59	42,451.24	22,998.68	9.09%	
43	551	ICCO						PSOW 13	Xmas Embargo demob. and temp. reinstatement	31/10/2012	203,510.77		150,860.47	34,149.32	18,500.98	9.09%	
52	554	ICCO						1CD 15	1CD: Early Implementation Of Trm Phase 4 & 5	31/10/2012	223,871.70		165,953.82	37,665.91	20,351.97	9.09%	
55	564	ICCO						1CD 15	1CD: Work Site Modelling for revised On Street Traffic Management arrangements	31/10/2012	9,416.02		6,980.00	1,680.02	656.00	9.09%	
66		ICCO						1D 14	1D: Utilities Affecting Ability To Place System Drainage	31/10/2012	127,173.95		94,272.76	21,339.92	11,561.27	9.09%	
69		ICCO						1D 14	1D: Geotextile Liner To Cliff on Terrace Void	31/10/2012	1,760.16		1,304.79	295.36	160.01	9.09%	
72		ICCO						1D 14	1D: Utilities affecting the construction of OHLE foundations in Shandwick	31/10/2012	280,270.99		207,762.04	47,029.77	25,479.18	9.09%	
77	583C	ICCO						SW 15	Clarification of requirements for setts on the On Street Works	31/10/2012	28,329.00		21,000.00	4,753.64	2,575.36	9.09%	
79		ICCO						1C 12	1C: St Andrew Sq: Third Party affecting our ability to progress the works	31/10/2012	136,466.52		101,162.73	22,899.56	12,406.23	9.09%	
87		ICCO						1C 12	1C: Utilities affecting the construction of OHLE foundations in St Andrew Sq	31/10/2012	37,550.39		27,835.68	6,300.99	3,413.67	9.09%	
88	584C	ICCO						1CD 12	1CD: Residual Road Value Engineering	31/10/2012	34,670.38		25,849.06	5,851.29	3,170.03	9.09%	
99		ICCO						1D 15	1D: Utilities affecting the ability to progress track excavation Shandwick S1	31/10/2012	10,915.24		8,091.36	1,831.59	992.29	9.09%	
100		ICCO						1D 15	1D: Utilities affecting the ability to progress track excavation Shandwick S2	31/10/2012	9,582.41		7,103.34	1,607.94	671.13	9.09%	
101		ICCO						1D 15	1D: Third Parties affecting the ability to progress track excavation Shandwick S2	31/10/2012	7,160.91		5,308.31	1,201.61	650.99	9.09%	
103		ICCO						1C 12	1C: St Andrew Square: Design, Enabling and Ongoing Maintenance of Temporary Bus Station	31/10/2012	8,885.24		6,586.54	1,490.95	807.75	9.09%	
108		ICCO						1CD 13	1CD: Mound Works	31/10/2012	30,374.66		22,516.43	5,096.90	2,761.33	9.09%	

2.08a Approved Change Orders

PAC	INC	ICD	EST	Design	EST	COST	T&E	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Margin %
												EST	Design	Construction	Provision	Margin	
109		ICCO						ICD	13	ICD: Manhole Inspections and Duct Proving	31/10/2012	23,080.46		17,109.31	3,872.93	2,096.22	9.09%
110		ICCO						ICD	13	ICD: Duct Chamber and Bedding drawing amendments	31/10/2012	9,426.15		6,967.51	1,561.72	856.92	9.09%
126		ICCO						ID	14	ID: Hand dig to expose utilities crossing inbound duct bank within S1 at Stallord Street and Lothian Road Junction for IT to action	31/10/2012	5,591.32		4,144.79	938.23	508.30	9.09%
127		ICCO						ID	14	ID: Utilities affecting ability to install System Ducting through S2 (South Duct Bank)	31/10/2012	17,284.16		12,812.57	2,900.30	1,571.29	9.09%
128		ICCO						ID	14	ID: Remove and Reinstale with Traps IMU and Track Drainage laid by other within H1	31/10/2012	4,877.71		3,467.54	784.92	425.25	9.09%
128		ICCO						ID	14	ID: Discovery of unusable material below formation of base 13I204A within H2.	31/10/2012	4,525.67		3,354.83	759.41	411.42	9.09%
130		ICCO						ID	14	ID: Remedial works required on the partial return of H1 to intraco on 21 May 2012	31/10/2012	668.17		495.31	112.12	60.74	9.09%
132		ICCO						ID	14	ID: Transfer plant and materials back to H2 from S41 to recommence works to OHLE bases. Site vacated for T&T.	31/10/2012	1,062.30		787.47	178.25	96.57	9.09%
133		ICCO						ID	14	ID: Excavate Trial Holes in locations of tree pits through Shandwick S4 behind the existing stone wall to establish foundation depth.	31/10/2012	3,299.24		2,445.69	553.62	299.93	9.09%
135		ICCO						ID	14	ID: Remove and Reinstale with Traps IMU and Track Drainage laid by other within S1 (East End) and S2.	31/10/2012	9,043.56		6,703.90	1,517.52	822.14	9.09%
137	637	ICCO						IC	13	IC: Remove existing pedestrian crossing at junction of St Andrews Square and Princes Street	31/10/2012	3,027.28		2,244.09	507.98	275.21	9.09%
144	639D	ICCO						IC	15	IC: York Place Closure: Design, Enabling and Ongoing Maintenance	31/10/2012	142,631.67		105,731.41	28,993.75	12,966.52	9.09%
145	645	ICCO						PSOW	13	PSOW: Outstanding Works to Princes Street	31/10/2012	189,144.02		140,210.54	31,786.57	17,194.91	9.09%
157		ICCO						ID	14	ID: Widening of track excavations due to installation of floating track slab in H3 Outbound.	31/10/2012	3,014.45		2,234.58	505.83	274.04	9.09%
158		ICCO						ID	14	ID: Remedial works to reinstatement of the formation level and collapsed ducts in handed back areas (SP1 & SP3)	31/10/2012	5,217.15		3,667.42	875.44	474.29	9.09%
159		ICCO						ID	14	ID: Works required to deal with existing services within Corras and Traction duct trenches within H1, H2 & H3	31/10/2012	13,692.92		10,150.42	2,297.69	1,244.61	9.09%
160		ICCO						ID	14	ID: Utilities affecting the working space to a OHLE bases within H2 impacting on formwork and reinforcement	31/10/2012	3,027.78		2,244.46	508.06	275.25	9.09%
161		ICCO						PSOW	13	PSOW - Remedial works to Traffic Signal works	31/10/2012	5,534.43		4,102.62	928.68	503.13	9.09%
162		ICCO						PSOW	13	PSOW: Watermain Ducting (previously TBA4)	31/10/2012	13,490.00		10,800.00	2,263.64	1,226.36	9.09%
163		ICCO						PSOW	13	PSOW: Additional OHLE Remedials (previously TBA3)	31/10/2012	3,322.45		2,462.90	557.51	302.04	9.09%
164		ICCO						PSOW	13	PSOW - Traffic signal ducting works - drawing change	31/10/2012	2,872.80		2,129.58	482.06	261.16	9.09%
165		ICCO						PSOW	13	PSOW: Tram Stop Additional Works (previously TBA2)	31/10/2012	18,515.04		12,242.43	2,771.24	1,501.37	9.09%
166		ICCO						PSOW	13	PSOW: Water Valve (previously TBA1)	31/10/2012	451.11		334.40	75.70	41.01	9.09%
167		ICCO						ID	14	ID: Additional TM requirements at Canning Street / Shandwick Place Junction as CEC instruction	31/10/2012	1,132.85		839.77	190.09	102.99	9.09%
167		ICCO						ID	14	Remedial on handback to H1,2,3	31/10/2012	1,055.89		782.72	177.18	95.99	9.09%
168		ICCO						ID	14	OLE 131, 128A (H) below formation	31/10/2012	7,571.24		5,612.48	1,270.46	688.29	9.09%
190		ICCO						PSOW	13	PN43 investigation	31/10/2012	988.91		733.07	165.94	89.90	9.09%
191		ICCO						ID	14	Contaminated Material in SP4	31/10/2012	61,619.10		45,877.61	10,339.75	5,601.74	9.09%
193		ICCO						ID	14	Placement and removal of material between trackslab in SP2 & SP6	31/10/2012	1,933.78		1,433.49	324.49	175.60	9.09%
205		ICCO						ID	14	Shandwick Place, additional kerbing and footpath reinstatement	31/10/2012	1,132.97		839.86	190.11	103.00	9.09%
206		ICCO						IC	12	Cathedral Lan Substation Investigation Works	31/10/2012	983.42		729.00	165.02	89.40	9.09%
TBA		ICCO						IC	12	Additional Central Reserve Works	31/10/2012	6,541.40		4,849.07	1,097.65	594.67	9.09%
TOTALS											9,382,075.90	4,970,981.09	1,228,705.45	540,509.96	1,247,919.11	1,393,960.28	14.86%
											7,988,115.61						

2.08b Unapproved Changes

PMC	TNC	TCO	EOT only	SDS only	Section	Description	Notified	Assessment			Status on unapproved changes		Remarks
								Maximum	assessed	Minimum	Submitted	to be submitted	
93	705				2A	Network Rail Fence within Tramworks LoD in Section 2A (Siemens Reference SV-0198M)	04/04/2012	13,669	8,885	6,151	13,669	+	
102	612.A				SW	Tramstop, Branding Changes - On-Street	28/04/2012						
105	617.A				SW	Tram Stops, Branding Changes - Off-Street	26/04/2012						
113	625			*	1D	SDS to provide full time attendance for 4wks at Cathedral Lane	10/05/2012						
139	669				T	Excavate and remove substandard backfill from SGN new gas main	17/07/2012	16,064	10,442	7,229	16,064	+	
154	656				SW On	Defer installation of Tramstop shelter and Fit Out. (Siemens reference SV-0219)	22/09/2012						
172					SW	TVM details not yet available. Impact to Construction works. May need redesign. CI 80 / Sch 45	18/07/2012						
186	628			*	SW	Update Utility Drawings to reflect MUDFA contractors work	15/08/2012						
192	675				2A	Removal of concrete surrounding Scottish Water meter	14/08/2012	12,507	8,130	5,628	12,507	+	
218	699				1D	Pedestrian Walkway adjacent to worksite on Dalry Road from Ryries Bar to Haymarket Bar to facilitate pedestrian movement between Haymarket Station and the city centre.	07/09/2012						
221	697				1D	Remedial works to OLE foundations in Clifton Terrace	21/08/2012						
222	707				1C	Traffic Management adjacent to Apple store	27/09/2012						
224					1C	Construction of Cathedral Lane Substation and Retaining Walls	08/10/2012	226,360	147,134	101,862	226,360	+	
225	700				1D	Construction works related to NC 571, 571A & 571B	11/10/2012						
226	696				T	Carry out surveys to locate SGN Gas Main and provide as built drawings	12/10/2012						
228	713				2A/5A	Construction works associated with LQD Conflicts at Haymarket and W18	23/10/2012						
289	711				2A	Fencing requirements for Murrayfield, Scotrail and Royal Mail	29/10/2012						
230	712				5A	Install ramp and security fence at Murrayfield Wanderers Football Club	29/10/2012						
TOTALS								268,601	174,590	120,870	268,601	+	

under preparation
maximum potential of changes
268,600.66

Project: **Edinburgh Tram Network**

as per: **31/10/2012**



2.09 Payment Status

PROGRESS			INVOICE							PAYMENT			
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE PAYMENT	RETENTION MONEY	OTHERS	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance													
45	MONTH	5,817,390	51	8,367,001	8,377,620	10,619	0	0	0	8,377,620	11/01/2012	11/01/2012	8,377,620
Jan-12	ACCUM.	141,805,131		148,828,874	148,475,722	-353,153				148,475,722			148,475,722
46	MONTH	6,517,767	52	18,534,058	18,725,058	191,000	0	0	0	18,725,058	08/02/2012	08/02/2012	8,542,616
Feb-12	ACCUM.	148,322,898		167,362,933	167,200,780	-162,153				167,200,780			157,018,338
47	MONTH	7,419,040	53	9,284,501	9,553,209	268,707	0	0	0	9,553,209	07/03/2012	07/03/2012	10,182,463
Mar-12	ACCUM.	155,741,938		176,647,434	176,753,989	106,555				176,753,989			167,200,801
48	MONTH	7,646,215	55	8,211,478	7,408,088	-803,390	0	0	0	7,408,088	04/04/2012	04/04/2012	9,553,187
Apr-12	ACCUM.	163,388,153		184,858,912	184,162,077	-696,836				184,162,077			176,753,988
49	MONTH	7,265,678	56	9,238,301	9,622,713	389,412	0	0	0	9,622,713	30/05/2012	30/05/2012	17,030,802
May-12	ACCUM.	170,653,831		194,092,213	193,784,790	-307,424				193,784,790			193,784,790
50	MONTH	7,719,717	57	8,041,083	8,194,310	153,228	0	0	0	8,194,310	27/06/2012	27/06/2012	8,194,310
Jun-12	ACCUM.	178,373,548		202,133,296	201,979,100	-154,196				201,979,100			201,979,100
51	MONTH	5,929,851	58	9,825,417	8,193,108	-1,632,309	0	0	0	8,193,108	25/07/2012	25/07/2012	8,193,108
Jul-12	ACCUM.	184,303,399		211,958,713	210,172,208	-1,786,505				210,172,208			210,172,208
52	MONTH	6,582,927	59	6,502,185	7,663,214	1,161,029	0	0	0	7,663,214	22/08/2012	22/08/2012	7,663,214
Aug-12	ACCUM.	190,886,326		218,460,898	217,835,422	-625,476				217,835,422			217,835,422
53	MONTH	4,117,946	60	3,307,001	6,848,639	3,541,638	0	0	0	6,848,639	19/09/2012	19/09/2012	6,848,639
Sep-12	ACCUM.	195,004,272		221,767,899	224,684,061	2,916,162				224,684,061			224,684,061
54	MONTH	7,158,937	61	8,814,957	5,727,033	-3,087,924	0	0	0	5,727,033	17/10/2012	17/10/2012	5,727,033
Oct-12	ACCUM.	202,163,209		230,582,856	230,411,095	-171,761				230,411,095			230,411,095
												230,411,095	

Project: **Edinburgh Tram Network**as per: **31/10/2012**

2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
ETN QA 12/02 NRS	03/02/2012	3	3	100%	4 no. Observation/Suggestion for improvement
ETN QA 12/04 Graham	09/03/2012	5	4	80%	6 no. Observation/Suggestion for improvement
ETN QA 12/09 P25	19/07/2012	1	0	0%	3 no. Observation/Suggestion for improvement
ETN QA 12/11 Coffey	07/09/2012	2	1	50%	3 no. Observation/Suggestion for improvement
ETN QA 12/13 P64	05/09/2012	1	0	0%	4 no. Observation/Suggestion for improvement
ETN QA 12/18 P92	05/09/2012	1	0	0%	0 no. Observation/Suggestion for improvement
ETN QA 12/24 Crummock	11/09/2012	2	1	50%	3 no. Observation/Suggestion for improvement
ETN QA 12/12 Bilfinger Requirements	13+20/09/2012	3	2	67%	3 no. Observation/Suggestion for improvement

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

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
T&T Quality Audit 12/01	17/07/2012	1	0	0%	

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	0	6	9%	9	-	8	-	89%
1B	-	-	-	-	-	-	-	-	-
1C,1C/D St A Sq, Princes St	35	11	26	74%	33	2	25	1	76%
1D	57	22	45	79%	24	7	15	7	63%
2	32	25	21	66%	111	2	104	5	94%
5A	80	46	39	49%	36	3	23	2	64%
5B	107	34	69	64%	77	4	29	2	38%
5C	52	20	36	69%	53	3	31	0	58%
6	36	0	36	100%	125	0	124	0	99%
7	159	71	141	89%	61	6	41	4	67%
System NCRs (non-audit)					529	27	400	21	76%
Cancelled					17	1	17	1	100%

3. Further quality-related events during this month

(please describe shortly)

Bi-weekly Quality Surveillance reports relating to civils subcontractors are being compiled and issued on Conject/BIW. The internal auditing training course arranged for 4th and 5th September resulted in 8 no. Quality procedural audits being carried out. 2 no. NCR's were raised as a result. Updating of Inspection and Test Plans is continuing. The Bilfinger Requirements audit was carried out on 13th and 20th September. Three NCR's were raised as a result with 2 of these being closed out to date.

Project: **Edinburgh Tram Network**

as per: **31/10/2012**



2.12 Safety Information System - SIS

Bilfinger Construction - Monthly Safety Report

Form Nr 0611a

Month	Oct-12						Prepared by	[REDACTED]	
Site or office and Unit5	BCO Managers, Supervisors, Foremen	BCO workers	JV people under BCO control	Sub-contractors	Agency / hired people / BSE workers eg BIS	Total	Others, eg public		
Number	59		43	380		482			
Hours	9893		6865	73565		90323			
Accidents in this month (if no accidents but a previous accident person is still away from work, write in calendar days lost but leave accident space clear)									
Fatal						0			
Serious: over 3 days injury				1		1			
Duty travelling / commuting 1D+						0			
LTI: 1 -3 days injury				1		1			
1st Aid only						0			
Calendar days lost this month + from any previous ongoing accidents						0			
Incidents									
Damage				2		2			
Environment Ecology / Pollution				1		1			
Not work related eg flood, bomb scare						0			
Near misses, hazards reported				1		1			
Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents, plus any work-related 'Health' incidents									
IP Name or incident location/Ref	Employer	Injury / Incident			date of acc / inc	Return to work date	Cal days lost this month. Max 30		
St Andrews Square, Edinburgh	Crummock	Cut to left leg required 3 sutures, additional time off to allow wound to heal			09.10.2012	15.10.2012	6		
Shandwick Place, Edinburgh	Siemens	Index finger of right hand trapped between a sleeper and a drainage box			03.10.2012	05.10.2012	1		
Return to OHS-Wi by 8th of following month		OHS-Wi email: OM@civil.Bilfinger.com				OHS-Wi fax 0049 (0)611 708 769			

3.01 Overview of Contingencies

Estimated Risks from Risk & Opportunity Sheet / Top Sheet		estimated	used	reduced	remaining
		GBP	GBP	GBP	GBP
Contractual Risks					
01.	Drawings will be not provided by SDS on time	188,188		-188,188	0
02.	Changes in law affecting clause 84 of the contract	62,729			62,729
03.	Taken risk on soft ground conditions	439,106			439,106
Total Contractual Risks		690,024	0	-188,188	501,836
Design Risks					
04.	Assessed quantities not subcontracted at the time of tender submission	250,918		-250,918	0
05.	Her Majesty's Railway Inspectorate	21,955			21,955
Total Design Risks		272,873	0	-250,918	21,955
Construction Risks					
06.	Programme risk on Sectional Completion Date A - LD's	12,546		-12,546	0
07.	Programme risk on Sectional Completion Date A - Site costs on Delay	6,273		-6,273	0
08.	Programme risk on Sectional Completion Date B - LD's	14,428			14,428
09.	Programme risk on Sectional Completion Date B - Site costs on Delay	8,155			8,155
10.	Programme risk on Sectional Completion Date C - LD's	183,484			183,484
11.	Programme risk on Sectional Completion Date C - Site costs on Delay	94,094			94,094
12.	Programme risk on Sectional Completion Date D - LD's	231,472			231,472
13.	Programme risk on Sectional Completion Date D - Site costs on Delay	28,228			28,228
14.	Network Rail requesting additional protection measures for temporary works	62,729			62,729
15.	Network Rail causing additional possessions and engineering hours	62,729			62,729
16.	Limits exceeding pollution	6,273			6,273
17.	Clients interpretation of Code of Construction Practice	62,729			62,729
18.	Power cables for street lighting between substations and user	7,528			7,528
19.	Additional works to be carried out under Network Rail License	301,101			301,101
Total Construction Risks		1,081,770	0	-18,819	1,062,951
Commercial Risks					
20.	Non payment by the client for to be continued works	627,295		-627,295	0
21.	Interfaces Subcontractors not covered	501,836			501,836
22.	Interfaces Siemens not covered	940,942		-100,000	840,942
23.	Insurance deductibles	9,409			9,409
24.	Subcontractor insolvency	313,647			313,647
25.	Defects Liability	602,203			602,203
Total Commercial Risks		2,995,333	0	-727,295	2,268,038
Other Risks					
					0
					0
					0
					0
Total Other Risks		0	0	0	0
Total Values		5,040,000	-	- 1,185,220	3,854,780