



# EDINBURGH TRAM NETWORK

## Monthly Project Report May 2013



## Monthly Report Major Projects

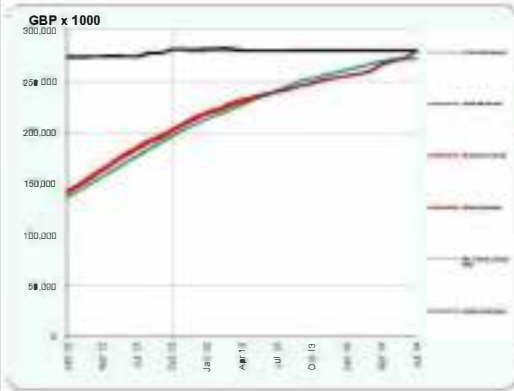
**Project: Edinburgh Tram Network**

**Reporting Period: May 2013**

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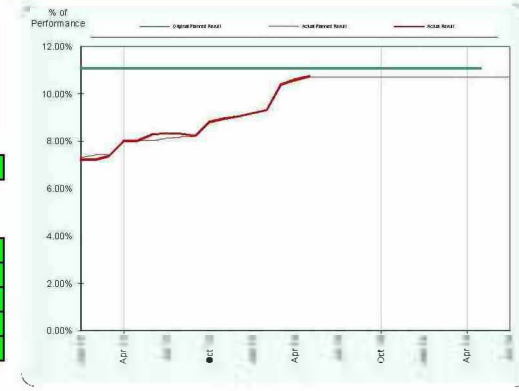
**1.01 Project Overview Charts**



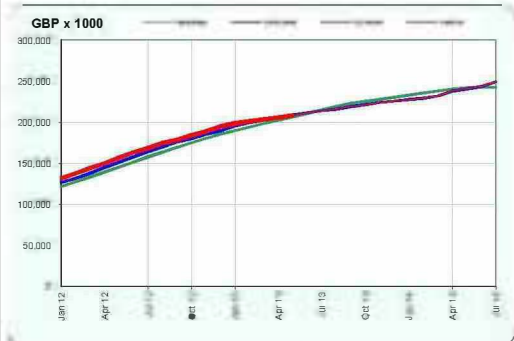
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date		15-May08				
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		279,655		
Claims / Variations approved				8,113		
Claims / Variations not approved				531		
Performance		231,757	234,364	233,404	99.6%	green
Actual Cost to Date				208,336	100.0%	green
Result	11.07%	7.23%	10.71%	10.74%	3.5%	green
Payment Status		231,757	265,834	265,835	100.0%	green
Av. Perf/mth: Rem. & act 3mth			1,445	3,760		green

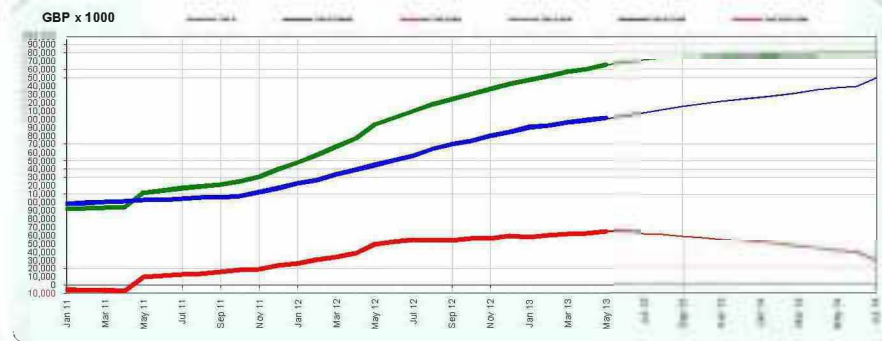
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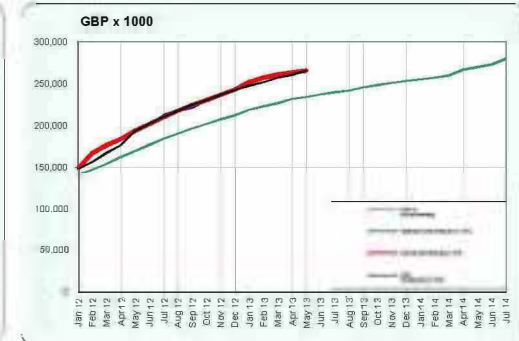
Project Result



Project Cost



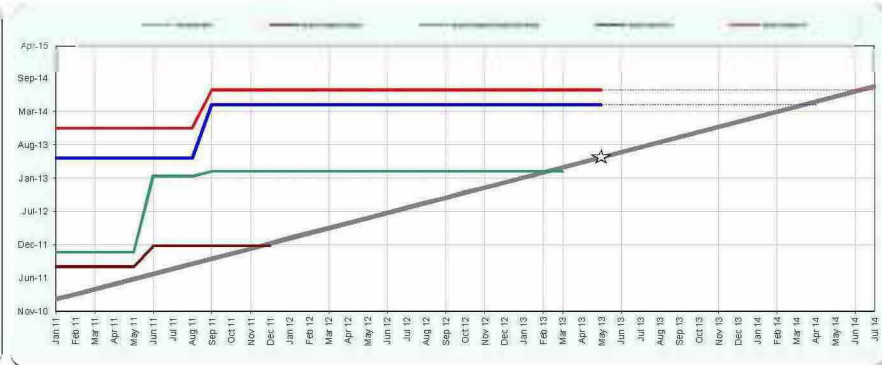
Cashflow



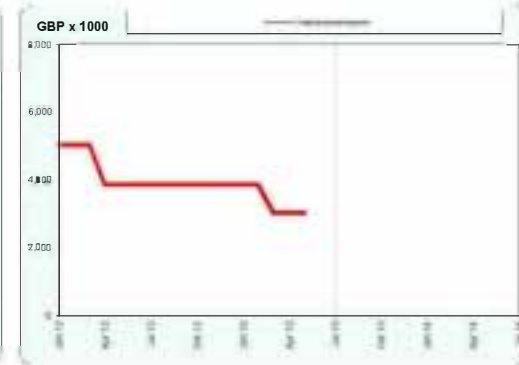
Payment Status



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:	£2,426,868
Planned performance:	<u>£3,387,000</u>
Variance:	-£960,132

### 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:	£25,068,244	or	10.74%
Forecast/planned result:	£29,949,101	or	10.71%
Weighted margin out of R&O:	£34,426,403	or	12.31%

### 1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£265,834,825
Paid net from the client:	<u>£265,834,825</u>
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:	£266,815,701	(incl. interest income)
Cash out net:	£201,818,708	
Cash balance net:	£64,996,993	

### 1.2.6 Contingencies

The installed contingency value remains unchanged.

£3,032,396 (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	- Achieved -
Sectional C Completion Date:	09 April 2014	
Sectional D Completion Date:	08 July 2014	



## 1.03 General Information

<b>1.3.1</b>	<b>Short note on progress, events this month</b>		
	<p><u>Mobilisation/Demobilisation:</u> None</p> <p><u>Design:</u> Extended construction support on technical queries ongoing.</p> <p><u>Procurement :</u> All subcontract arrangements are in place, minor purchase on finishing works ongoing.</p> <p><u>Construction :</u> During May 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 May 8 new, revised and further works on On-Street changes were issued. Because of further descope within the On-Street the Variation Order value in total decreased in an amount of £ -159,673 to £ 8,112,756 in total.</p>		
<b>1.3.2</b>	<b>Significant extraordinary events</b>		
	Date	Description	Remarks
<b>1.3.3</b>	<b>Recent important agreements with the Employer or instructions having significant consequences</b>		
	Date	Description	Remarks
<b>1.3.4</b>	<b>Status on Major Unapproved Claims / Variations / Changes</b>		
	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	60.5 month	60.5 month	82.1 %	
Rate of Exchange Top Sheet:	1 GBP = 1.11 EUR Actual: 1.17 EUR	Performance to date	<b>233,404,153 GBP</b>		83.5 %	

2. Total Contract Value		Date of Contract	Total Previous Month		May 2013	Total Reporting Month	
Contract Value with Client (Rev 4 evaluation)	271,542,291 (incl. SDS NovaAgree)	100.00%	279,814,721	103.0%	-159,673	279,655,047	103.0%
Contract Value with 3rd Parties (without interest)			0	0.0%	0	0	0.0%
			279,814,721	103.0%	-159,673	279,655,047	103.0%

3. Claims and Variations		Total Previous Month		May 2013	Total Reporting Month	
Claims and Variations approved		8,272,430	3.0%	-159,673	8,112,756	3.0%
Claims and Variations submitted but not approved yet		507,277	0.2%	23,623	530,900	0.2%
Claims and Variations under preparation		0	0.0%	0	0	0.0%

4a. Performance		Total Previous Month		May 2013	Total Reporting Month	
Performance for Actual Contract Value with Client		230,977,285	82.55%	2,426,868	233,404,153	83.46%
Performance for 3rd Parties (without interest)		0	0.00%	0	0	0.00%
Total Performance to Date		230,977,285	82.55%	2,426,868	233,404,153	83.46%
Remaining Performance to Date		48,837,436	17.45%		46,250,894	16.54%
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		230,977,285	82.55%	3,387,000	234,364,285	83.80%

4b. Cost		Total Previous Month		May 2013	Total Reporting Month	
Actual Cost at Reporting Date		206,474,502	73.79%	1,861,407	208,335,909	74.50%

5. Result		Date of Contract	Total Previous Month		May 2013	Total Reporting Month	
Planned Result for Contract with Client (revised evaluation)	19,632,508	7.23%	29,549,681	10.56%	399,420	29,949,101	10.71%
Actual Result at Reporting Date			24,502,783	10.61%	565,461	25,068,244	10.74%
Forecast Result at the End of Contract			29,549,681	10.56%	399,421	29,949,101	10.71%
Weighted Result at the End of Contract (Likely Case)			32,351,982	11.56%	2,074,421	34,426,403	12.31%

6. Invoices, Payment and Bank account		Total Previous Month		May 2013	Total Reporting Month			
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	264,018,657	94.35%	2,324,698	266,343,355	95.24%
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	263,311,553	94.10%	2,523,273	265,834,825	95.06%
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	260,778,820	93.20%	5,056,006	265,834,825	95.06%
Cash in from 3rd Parties - excl. VAT				0	0.00%	0	0	0.00%
Interest income				976,650	0.42%	4,226	980,876	0.42%
Cash out (excl. VAT)				199,225,678	71.20%	2,593,030	201,818,708	72.17%
Net Liquidity	crediting	0	0%	62,529,791	22.35%	2,467,201	64,996,993	23.24%

7. Subcontractor Work (incl. Design)		Total Previous Month		May 2013	Total Reporting Month		
Total Portion of Subcontractor Budget (first evaluation)	186,628,491 (incl. SDS)	68.73%	189,403,069	67.69%	-178,053	189,225,016	67.66%
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			
	2008	2009	2010	2011
Jan		1,706	2,786	2,346
Feb		2,526	4,026	2,026
Mar		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	
<b>Total</b>	<b>16,334</b>	<b>48,678</b>	<b>62,498</b>	<b>13,999</b>

Linear Calculation

Actual / Forecast	Actual / Forecast				
	2008-2010	2011	2012	2013	2014
		1,573	5,817	4,419	2,012
		815	6,518	3,239	2,005
		788	7,419	5,507	2,578
2008	12,940	1,424	7,646	3,345	6,997
		1,574	7,266	2,427	3,016
2009	37,734	2,056	7,720	4,113	3,178
		1,937	5,930	2,345	6,530
		1,355	6,583	2,297	
2010	50,195	7,192	4,118	3,725	
		4,827	7,159	2,288	
		5,712	5,760	3,138	
		5,867	6,545	2,028	
<b>Total</b>	<b>100,868</b>	<b>35,119</b>	<b>78,480</b>	<b>38,870</b>	<b>26,317</b>

**total: 279,655**

Yearly Forecast		
Performance and Result in 2008-2010		
Performance	100,868,316	36.1%
Result	118,099	0.12%
Performance and Result in 2011		
Performance	35,119,425	12.6%
Result	9,885,015	28.15%
Performance and Result in 2012		
Performance	78,480,136	28.1%
Result	9,453,809	12.05%
Performance and Result in 2013		
Performance	38,870,496	13.9%
Result	7,673,847	19.74%
Performance and Result in 2014		
Performance	26,316,674	9.4%
Result	2,818,332	10.71%
Total Performance and Result		
Performance	279,655,047	100.0%
Result	29,949,101	10.71%

Edinburgh, 14/06/2013

Edinburgh, 14/06/2013

Place and Date

\_\_\_\_\_  
Project Director

Place and Date

\_\_\_\_\_  
C.G. 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	279,655	279,655	279,655	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-249,706	-249,706	-249,706
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	3,032	1,782	1,370
5.2					5.2	Savings on Uninsured Economic Losses	1,980	1,000	0
5.3					5.3	Interest Income	41	20	0
5.4					5.4	Saving on S/C Allowances	2,424	1,675	1,429
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	7,477	4,477	2,799
6 <small>=1+3+4+5</small>	Forecast Final Revenue	279,655	279,655	279,655	6 <small>=1+3+4+5</small>	Forecast Final Costs	-242,229	-245,229	-246,907

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	279,655		
	Costs	-242,229		
	Result	37,426		
% Gross Margin based on Revenue Best Case	Revenue: 279,655	13.38%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		279,655	
	Costs		-245,229	
	Result		34,426	
% Gross Margin based on Revenue Likely Case	Revenue: 279,655		12.31%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			279,655
	Costs			-246,907
	Result			32,748
% Gross Margin based on Revenue Worst Case	Revenue: 279,655			11.71%
Gross Margin previous month (most likely case)		12.37%	11.56%	10.56%

Project: **Edinburgh Tram Network**  
as per: **31/05/2013**



**2.01 Cost Reconciliation Sheet**

**see following pages**



Project: GB-2006-1001JE59 Edinburgh Tram Network 2013-05  
Reporting Month: 61. Report Period, 31/05/2013

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE									CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL				
Work- / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allowable incl. agreed VO's 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
<b>Evaluation with Activity Model: Rev.7_20120331</b>																							
25.1.201.12	SECTION 1C	5,004,052	676,840	5,680,892	5,684,425	0	3,533	5,684,425	3,533	324,571	330,547	5,976	9,613,737	9,613,737	-2,149,290	0	7,464,44	7,260,470	78.29%	1,576,045	7,256,937	207,510	4,513
25.1.201.13	Princes Street (outstanding ...)	1,549,735	129,619	1,679,354	1,613,215	0	-66,139	1,668,421	-10,93	0	0	0	1,162,259	1,162,259	583,503	0	1,745,76	1,743,762	95.68%	75,341	1,754,695	-8,933	-69,125
25.1.201.14	SECTION 1D	8,320,666	97,080	8,417,746	8,422,470	0	4,72	8,422,470	4,724	439,223	446,374	7,151	10,028,527	10,028,527	434,046	0	10,462,573	10,191,135	82.65%	1,768,665	10,186,411	276,162	5,716
25.1.201.15	SECTION 1CD - SITE WIDE	4,078,920	158,883	4,237,803	4,267,380	0	29,57	4,267,380	29,57	101,867	93,638	-8,229	5,916,403	5,916,403	966,285	0	6,882,688	6,406,373	66.61%	2,138,99	6,376,796	505,892	44,40
1.1	CONSTRUCTION ON-STREET rev ...	18,953,373	1,062,422	20,015,795	19,987,490	0	-28,305	20,042,698	26,901	865,661	870,559	4,898	26,720,926	26,720,926	-165,456	0	26,555,470	25,601,740	78.29%	5,559,044	25,574,839	980,631	-14,494
25.1.201.31	Section 1A	3,362,462	0	3,362,462	3,371,353	0	8,891	3,362,462	0	0	0	0	5,592,262	5,592,262	-2,220,909	0	3,371,353	3,362,462	100.00%	0	3,362,46	8,891	8,891
25.1.201.40	Section 1 B	566,937	0	566,937	588,685	0	21,748	566,937	0	0	0	0	588,685	588,685	0	0	588,685	566,937	100.00%	0	566,93	21,748	21,748
25.1.201.45	Section 1CD	3,257,106	49,573	3,306,679	3,313,571	0	6,89	3,313,571	6,89	1,428	0	-1,428	3,810,714	3,810,714	5,20	0	3,815,916	3,815,916	86.84%	502,345	3,809,024	6,892	7,936
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,225	0	2	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	2	2
1.2	CONSTRUCTION ON-STREET origl.	19,269,728	49,573	19,319,301	19,356,834	0	37,533	19,326,193	6,89	1,428	-1,428	22,074,886	22,074,886	-2,215,70	0	19,859,179	19,828,538	97.47%	502,345	19,821,848	37,533	38,577	
25.1.201.54	SECTION 5ABC- Trackworks	16,983,444	610,970	17,594,414	17,597,094	0	2,680	17,597,094	2,680	337,177	326,460	-10,71	18,185,633	18,185,633	2,458,663	0	20,644,296	20,469,297	85.97%	2,872,203	20,466,617	177,679	3,11
25.1.201.58	SECTION 5ABC- Structures	36,242,603	21,498	36,264,101	36,260,208	0	-3,893	36,260,208	-3,893	100,131	100,199	68	40,384,415	40,384,415	116,945	0	40,501,360	39,608,111	91.55%	3,347,903	39,612,004	889,356	-4,252
25.1.201.61	SECTION 2	25,029,129	835,368	25,864,497	25,899,128	0	34,631	25,863,211	-1,286	181,265	182,626	1,361	25,928,810	25,928,810	-16,889	0	25,911,921	26,545,620	97.43%	682,409	26,546,908	-634,985	35,544
25.1.201.62	SECTION 7	17,332,591	44,484	17,377,075	17,381,118	0	4,043	17,381,118	4,043	41,517	40,616	-901	17,060,851	17,060,851	464,178	0	17,525,029	17,601,393	98.75%	220,275	17,597,350	-72,321	4,094
25.1.201.63	SECTION 6	17,294,252	715,803	18,010,055	17,710,436	0	-299,619	18,012,680	2,625	168	-168	17,583,988	17,583,988	126,448	0	17,710,436	18,012,680	100.00%	0	18,010,055	-299,619	-299,619	
1.3	CONSTRUCTION OFF-STREET	112,882,019	2,228,123	115,110,141	114,847,984	0	-262,158	115,114,311	4,169	660,258	649,901	-10,357	119,143,697	119,143,697	3,149,345	0	122,293,04	122,237,101	94.17%	7,122,790	122,232,932	60,110	-261,115
25.1.201.21	TTM	3,412,269	36,500	3,448,769	3,487,445	0	38,676	3,463,544	14,775	-8,512	0	8,512	4,258,521	4,258,521	138,696	0	4,397,21	4,397,217	78.77%	933,67	4,382,442	14,775	49,100
25.1.201.25	Advanced Maintenance	86,467	5,000	91,467	78,922	0	-12,545	78,922	-12,545	14,949	3,625	-11,324	0	0	202,080	0	202,080	202,080	39.05%	123,158	214,625	-12,545	-32,125
1.4	SECTIONVIDE	3,498,738	41,500	3,540,238	3,566,367	0	26,131	3,542,466	2,230	6,437	3,625	-2,81	4,258,521	4,258,521	340,776	0	4,599,29	4,599,297	77.02%	1,056,831	4,597,067	2,230	16,974
	DIRECT JOB COSTS	154,603,856	3,381,618	157,985,474	157,758,675	0	-226,799	158,025,666	40,192	1,533,784	1,524,085	-9,699	172,198,030	172,198,030	1,108,958	0	173,306,988	172,266,676	91.73%	14,241,010	172,226,484	1,080,504	-220,05
25.1.201.42	HAYMARKET OFFICE	592,387	-20,859	571,528	592,380	0	20,85	578,479	4,951	9,696	8,000	-1,696	1,030,622	1,030,622	264,808	0	1,295,430	1,060,744	54.35%	1,055,793	239,637	38,366	
25.1.201.53	EDINBURGH PARK STORAGE	1,465,636	3,068	1,468,704	1,474,462	0	5,758	1,474,462	5,758	3,889	-3,889	1,716,758	1,716,758	0	0	1,716,758	1,716,758	85.89%	242,296	1,711,000	5,758	6,704	
25.1.201.64	CONSORTIUM OFFICE	4,287,832	53,766	4,341,598	4,349,062	0	7,464	4,349,062	7,464	45,741	45,672	-69	6,304,886	6,304,886	2,135,770	0	8,440,656	6,907,532	62.96%	2,558,470	6,900,068	1,540,588	11,855
25.1.201.65	STAFF	24,201,766	53,628	24,255,394	24,342,440	0	87,046	24,260,402	5,008	229,199	240,750	11,551	33,262,345	33,262,345	1,271,930	0	34,534,275	29,688,776	81.72%	5,428,374	29,683,768	4,850,507	106,51
25.1.201.66	DESIGN	13,755,114	0	13,755,114	13,762,542	0	7,428	13,755,115	0	0	0	0	14,430,459	14,430,459	1,487,569	0	15,918,028	15,910,676	86.45%	2,165,561	15,910,675	7,353	8,592
25.1.201.67	FINANCE	1,115,547	41,708	1,157,255	1,189,916	0	32,661	1,169,916	12,661	34,927	31,500	-3,427	10,683,311	10,683,311	287,101	0	10,970,41	12,079,008	9.69%	10,909,092	12,066,34	-1,095,935	32,661
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	4,220,372	36,694	4,257,066	4,300,296	0	43,230	4,260,296	3,230	4,171	5,000	829	6,699,594	6,699,594	278,055	0	6,977,649	6,499,605	65.55%	2,239,309	6,496,375	481,274	65,950
	INDIRECT JOB COST	50,182,429	168,005	50,350,434	50,554,873	0	204,439	50,389,507	39,073	327,623	330,922	3,299	74,671,750	74,671,750	5,725,233	0	80,396,983	74,406,874	67.72%	24,017,36	74,367,801	6,029,182	270,645
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	3,032,397	0.00%	3,032,39	3,032,397	2,007,603	
	CONTINGENCIES	0	0	0	0	0	0	0	0	0	0	0	5,040,000	5,040,000	0	0	5,040,000	3,032,397	0.00%	3,032,39	3,032,397	2,007,603	
<b>Total</b>		<b>204,786,285</b>	<b>3,549,623</b>	<b>208,335,908</b>	<b>208,313,548</b>		<b>-22,360</b>	<b>208,415,173</b>	<b>79,265</b>	<b>1,861,407</b>	<b>1,893,18</b>	<b>31,77</b>	<b>251,909,780</b>	<b>251,909,780</b>	<b>6,834,191</b>		<b>258,743,971</b>	<b>249,705,947</b>	<b>83.46%</b>	<b>41,290,774</b>	<b>249,626,682</b>	<b>9,117,289</b>	<b>50,588</b>



Project: GB-2006-1001JE59 Edinburgh Tram Network 2013-05  
Reporting Month: 61. Report Period, 31/05/2013

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 Qx DJC-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)	
1	2	3	4	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	
<b>Total Cost incl. Prime Cost Sums</b>		204,786,285	3,549,624	208,335,909	208,313,548		-22,361	208,415,17	79,265	1,861,40	1,893,184	31,77	251,909,780	251,909,780	6,834,189		258,743,969	249,705,946	83.5 %	41,290,772	249,626,681	9,117,288	-26,780	
<b>Prime Cost Sums 0 / 0</b>																								
<b>Total Cost without Prime Cost Sums</b>		204,786,285	3,549,624	208,335,909	208,313,548		-22,361	208,415,17	79,265				251,909,78	251,909,780	6,834,189		258,743,969	249,705,94		41,290,772	249,626,681			

REMEASURED CONTRACT:

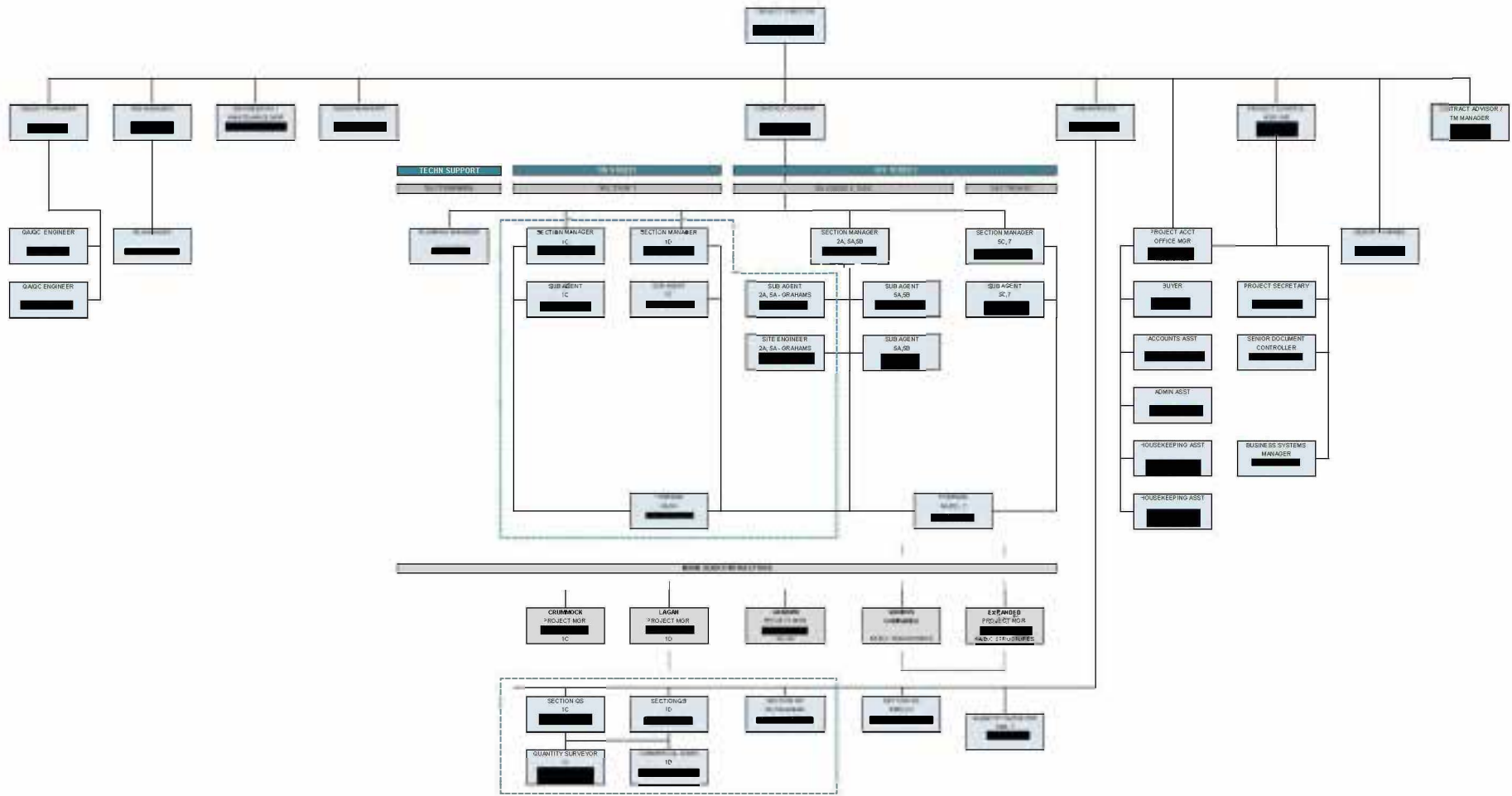
Gross Margin original Contract and agreed VO's (PF = 1.1199, PFB = 1.0808)

<b>Total Cost without Prime Cost Sums</b>		208,335,909	208,313,548		208,415,17					251,909,780	251,909,780		6,834,189		258,743,969	249,705,94					249,626,681		
Gross Margin			16,831,735		24,988,979					19,632,511	19,632,511		1,278,567.00		20,911,078	29,949,101					30,028,366		
Gross Margin in % of Performance			7.48 %		10.71 %					7.23 %	7.23 %		15.76 %		7.48 %	10.71 %					10.74 %		
<b>Performance without Prime Cost Sums</b>			225,145,283		233,404,15					271,542,291	271,542,291		8,112,756		279,655,047	279,655,04					279,655,04		
<b>Actual Cost to date</b>			208,335,909		208,335,90																		
Gross Margin to date			16,809,374		25,068,244																		
Gross Margin to date in % of Performance			7.47 %		10.74 %																		
<b>Performance Prime Cost Sums</b>																							
Total Performance			225,145,283		233,404,153					271,542,291	271,542,291		8,112,756		279,655,047	279,655,047					279,655,047		
Revenue according WBS																							

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.1199, PFB = 1.0808)

<b>Total Cost without Prime Cost Sums</b>			208,313,548		208,415,17					251,909,780	251,909,780		6,834,189		258,743,969	249,705,946					249,626,681		
Gross Margin			16,831,735		24,988,979					19,632,511	19,632,511		1,278,567.00		20,911,078	29,949,101					30,028,366		
Gross Margin in % of Performance			7.48 %		10.71 %					7.23 %	7.23 %		15.76 %		7.48 %	10.71 %					10.74 %		
<b>valued Performance without Prime Cost Sums</b>			225,145,283		233,404,153					271,542,291	271,542,291		8,112,756		279,655,047	279,655,04					279,655,04		
<b>Actual Cost to date</b>			208,335,909		208,335,909																		
Gross Margin to date			16,809,374.00		25,068,244																		
Gross Margin to date in % of Performance			7.47 %		10.74 %																		
<b>Performance Prime Cost Sums (incl. valued performance)</b>																							
Total Performance (incl. valued performance)			225,145,283		233,404,153					271,542,291	271,542,291		8,112,756		279,655,047	279,655,047					279,655,047		
Revenue according WBS (VO's valued)																							
Revenue according WBS (VO's valued by 100%)																							

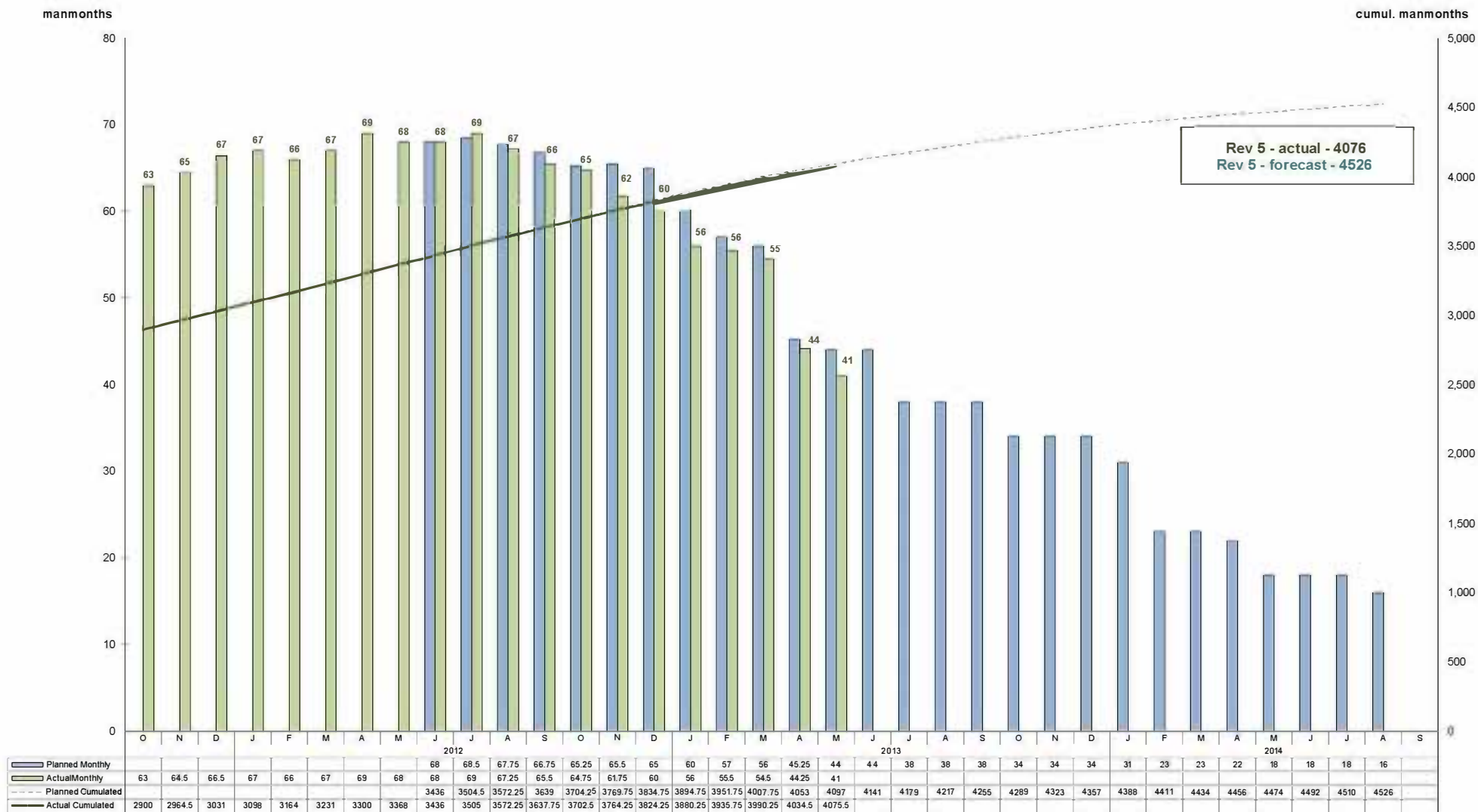
2.05 Organisation Chart



Based at Haymarket Office

**EDINBURGH TRAM NETWORK  
 CIVIL WORKS TEAM**  
 Rev64 01/05/2013

2.06 Staff Chart



2.08a Approved Change Orders

PMC	SVC	ICO	BOT	Design	CMT	CMT2	CMT3	CMT4	Section / Activity	Description	Date Issued	BS	Revision	Job Estimate Budgets					Remarks	
														BOT	Design	Construction	Professional	Margin		Margin In %
1	501	502		✓					1A	66	26/10/2011		20,021.00		14,841.36		3,359.55	1,820.09	9.09%	
2	502	508		✓					1A	66	26/10/2011		10,231.00		7,584.14		1,716.77	930.09	9.09%	
3	503	515		✓					5C	63	01/12/2011		16,880.40		12,587.40		2,849.33	1,543.67	9.09%	
4	504	506		✓					1C	66	26/10/2011		46,247.00		34,282.43		7,760.30	4,204.27	9.09%	
5	505	513		✓	✓				1C	66.12	29/11/2011		228,652.90		169,409.00		38,868.18	20,786.62	9.09%	
6	506	503A		✓					1C	66	26/10/2011 30/11/2012		11,105.64		8,232.50		1,863.54	1,009.90	9.09%	
7	507	504D		✓					1C	66	18/01/2013		135,143.49		100,180.50		22,677.22	12,285.77	9.09%	
8	509	519		✓					OH	66	15/12/2011		233,595.87		173,162.10		39,197.60	21,235.97	9.09%	
9	520	553		✓	✓				63	63	28/02/2012		96,909.25		71,837.84		16,281.48	8,809.93	9.09%	
10	511	511		✓	✓				5C	66.63	22/11/2011		5,750.46		3,440.00	822.76	964.93	522.77	9.09%	
12	512	505A		✓					1A	66	28/02/2012		53,895.19		39,796.26		9,008.43	4,880.47	9.09%	
13	508	507		✓					7A	66	26/10/2011		10,025.00		7,431.43		1,682.21	911.86	9.09%	
15	513	526A		✓					SWON	66	20/02/2012		156,870.49		116,286.50		26,323.04	14,260.95	9.09%	
16	514	554		✓					SWON	15	29/02/2012		92,756.07		68,759.13		15,594.57	8,432.37	9.09%	
17	516	565		✓					58	58	26/04/2012		51,281.72		39,114.62		8,805.18	4,661.97	9.09%	
18	517	539		✓					63	63	16/01/2012		2,996.00		2,220.80		502.78	272.36	9.09%	
19	524	586		✓	✓				62.86	62.86	16/07/2012		-40,559.19		3,784.50	33,850.62	6,805.68	3,667.20	9.09%	
20	539	529		✓					SW	SW	21/12/2011		2,861,800.00	2,856,942.15				484,957.85	17.36%	
21	541	511A		✓					1D	13	29/11/2012		4,535.57		3,362.17	761.07	412.32	9.09%		
22	529	524A		✓	✓				OH	66.9	17/01/2012		31,308.00		23,208.30		5,253.52	2,846.18	9.09%	
23	530	525		✓					OH	66	16/12/2011		30,458.40		22,578.50		5,110.95	2,769.95	9.09%	
26	576	543		✓					5C	63	26/04/2012		36,787.81		27,270.43		6,173.03	3,344.35	9.09%	
27	526	518		✓					63	63	12/12/2011		6,878.44		5,098.92		1,154.21	625.31	9.09%	
31	544	512		✓					OH	64	29/11/2011		158,900.00		139,043.40		6,820.24	14,536.36	9.09%	
41	534	556		✓					5PBC	54	01/05/2012		5,636.59		4,178.35	945.88	512.42	9.09%		
42	540	539A		✓	✓				54.66	54.66	01/02/2012		201,120.00		3,768.00	152,856.21	33,748.15	18,263.84	9.09%	
45	555,557,562	621D		✓					OH	66	10/04/2013		108,839.04		80,718.34		18,271.70	8,869.00	9.09%	
46	566	535A		✓					OH	66	12/01/2012 01/05/2012		47,636.79		35,314.12		7,993.83	4,330.80	9.09%	
47	568	537A		✓	✓				OH	66	18/04/2012		8,605.61		6,379.25		1,444.03	782.33	9.09%	
48	553	516E		✓	✓				OH	66	16/04/2013		141,730.87		105,063.51		23,782.56	12,884.61	9.09%	
50	567	538D		✓					OH	66	18/01/2013		145,881.42		106,214.54		24,495.84	13,271.04	9.09%	
51	558	522A		✓					OH	65	03/02/2012		1,693.00			1,255.00	294.09	153.91	9.09%	
53	559	545		✓					OH	66	03/02/2012		56,438.11		41,837.00		9,470.37	5,130.74	9.09%	
54	565	533C		✓	✓				OH	66	26/09/2012		5,949.09		4,410.00		998.26	540.83	9.09%	
56	563	534		✓	✓				OH	66	09/01/2012									Regulated under PMC 054
57	569	538		✓					OH	64	12/01/2012		79,220.00		68,896.96		3,131.22	7,291.82	9.09%	
59	581	528		✓					1A	31	21/12/2011		-2,443,000.00		2,220,809.09			222,000.91	9.09%	
62	572	540A		✓					OH	66	18/01/2012 28/08/2012		34,458.88		25,544.00		5,782.28	3,132.62	9.09%	



2.08a Approved Change Orders

PME	WEC	ICO	BOT	Design	CST	COST	Risk	Section / Activity	Description	Date Issued	BS	Revision	Job Estimate Budgets					Reserve			
													BOT	Design	Construction	Professional	Margin		Margin In %		
63	574	542A						2A	61	Haymarket Viaduct delete parts of cladding	16/07/2012		-5,571.34			4,055.13	1,009.72	506.49	9.09%		
64	571A	573C						1D	68	Hope Street reinstatement	20/03/2013		13,639.74			10,111.00	2,244.76	1,239.98	9.09%		
65	577	544A						2A	61	Omit construction of Haymarket Substation retaining wall and plinth	06/11/2012		-4,687.82			3,697.21	491.72	418.89	9.09%		
66	578	546						SWON	15	Remove site investigation allowance	03/02/2012		-57,984.00			52,712.73	0.00	5,271.27	9.09%		
70	586	557A						1C	66	Amended Design on St. Andrew Square	20/08/2012		15,227.51			11,288.00	2,555.19	1,384.32	9.09%		
71	587	559B						SWON	68	Revised Site Locations and new Satt Specification	13/09/2012		19,512.15			11,499.00	2,602.96	1,410.20	9.09%		
76	588	55						1D	21	Return of parking spaces Stafford Street	20/02/2012										
80	580	662						1C	12	St Andrew Square desclope	24/04/2013		-2,156,400.38			1,860,445.80	0.00	196,044.58	9.09%		
81	582	548						5A	61	Deleted Roseburn Viaduct Trespa cladding	08/02/2012		-3,080,004.00			280,003.64	0.00	2,800,036.36	9.09%		
83	589	552							62	Deletion of Airport Kiosk	29/02/2012		-150,000.00			136,863.64	0.00	13,636.36	9.09%		
84	593	558A						SWON	66	Cessation of Design North of York Place (SV-208F)	13/07/2012										
85	591	563A						2A	61	Diversification of Scottish Power Cable	21/02/2013		2,428.20			1,800.00	407.45	220.75	9.09%		
88	601	560						5C	62,66	Shelters at Gogarburn Tramstop to be 8m length	15/03/2012 14/06/2012		2,7862.60			2,871.00	17,983.26	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	08/05/2012		-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	08/05/2012		10,797.88			8,004.36	1,811.90	981.63	9.09%		
92	615	568A						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%		
93	705	626						2A	66	Haymarket redesign due to LOD constraints	14/11/2012		13,669.05			10,132.73	2,293.68	1,242.64	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		-6,163.73			4,561.70	1,032.60	550.43	9.09%		
95	608	624						SW	54,61,62,63	Delete Requirements at all Tramstops for 110v socket for cleaning purposes (Off Street)	23/10/2012		-368,514.41			27,317.58	6,163.71	3,350.13	9.09%		
102	612	667						SWON		Stops, branding change - On Street	16/05/2013										
105	617	668						SW OFF		Stops, branding change - Off Street	16/05/2013										
112	618	576							63	Alteration to 1800mm Diameter Manhole	19/06/2012		6,176.31			4,578.44	1,036.89	561.48	9.09%		
115	620	569A							66	Airport Tram Stop Design	27/09/2012		17,783.87			13,183.00	2,884.15	1,616.72	9.09%		
119	627	599						1D	66	St Johns Church deletion of pedestrian barrier	21/08/2012										
120	623	598							25	Gogar Depot Repair	28/08/2012		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%		
124	636A	571B						5C	54	Twin Crossings at Lochside Avenue	05/02/2014		29,051.92			21,535.89	4,874.94	2,641.08	9.09%		
136	669	622						7A	62	SEN Remedial works - Backfill at Newington	18/12/2012		16,063.95			11,909.04	2,695.55	1,460.36	9.09%		
148	643	572B						5C	54,58,66	Edinburgh Gateway Works, Design & Construction	28/08/2012		2,972,732.16			119,266.00	2,084,390.16	498,827.62	270,248.38	9.09%	
150	647C	577F						1C	66	Design on street works carriage way reconstruction	09/01/2013		27,677.43			20,517.00	4,644.30	2,516.13	9.09%		
151	648	578						1CD	66	Design cabinet positions for street lighting Prince's Street	18/08/2012										
153	651A	625A						SW		Defer installation of Tramstop shelter and Fit Out	01/03/2013		34,841.80			25,902.00	5,863.27	3,176.53	9.09%		
155	657	582A						1CD	66	As-Built Drawings Prince's Street	11/10/2012		3,271.33			2,429.00	548.93	297.39	9.09%		
156	653	583						1C	66	DWG CAD Drawings Design York Place	22/06/2012		2,461.76			1,824.69	413.09	228.80	9.09%		
169	662	580A						7A	62	Topographical Survey	11/12/2012		2,586.95			1,917.68	434.08	235.18	9.09%		
170	667	594B						2A	66	Call off service to respond Network Rail Technical Queries	27/09/2012		9,778.54			7,248.73	1,640.85	888.96	9.09%		
171	668	585						1C	12	York Place, Desclope of Works	12/07/2012		-1,015,155.80			866,815.08		48,340.71	4.76%		



2.08a Approved Change Orders

PME	WEC	ICO	BOT	Design	CMT	CMT	CMT	CMT	Section / Activity	Description	Date Issued	BS	Revision	Job Estimate Budgets					Remarks		
														BOT	Design	Construction	Professional	Margin		Margin In %	
172	719	627A							SW 66,7	Fare Collection Equipment	27/03/2013		13,709.69		10,169.00	0.00	2,300.55	1,246.36	9.09%		
173	688	583A							5A 61	ScotRail Pedestrian Access Gate	18/12/2012		4,805.64		3,638.50	0.00	423.17	445.97	9.09%		
177	670	582A							1C 66	Design response Princes St Road Safety Audit	11/10/2012		1,610.77		1,194.05	0.00	270.29	146.43	9.09%		
181	679	601A							68	Temporary reduction in the volume of water in Depot storage tanks	19/11/2012										
192	675	648							5A 61	Scotrail Depot Scottish Water meter works	21/02/2013		12,507.35		9,271.57	0.00	2,088.75	1,137.03	9.09%		
195	684	621							25	Repairs to damaged utility cover/slabs	23/10/2012		936.27		695.53	0.00	157.44	85.30	9.09%		
196	725	631A							ON 66	On Street Provision of DWG drawings - Drainage	18/02/2013		1,575.65		1,168.01	0.00	244.40	143.24	9.09%		
197	685	603A							1A 66	Design and As Built Information Lindsay Road	20/11/2012		7,080.34		5,256.00	0.00	1,189.77	644.58	9.09%		
199	680	606A							2A 61	Undertake re-bolting works to the operational element of the West shunt line wall in the Haymarket Depot	28/10/2012		76,413.27		56,644.38	0.00	12,822.23	6,946.66	9.09%		
203	684 750	591A 649							5C 62	Gogar Castle Access Road - Road Safety Audit - additional high friction surfacing + road warnings	21/02/2013		6,282.30		4,657.01	0.00	1,054.18	571.12	9.09%		
206	691	605A							1C 66,1bc	Cathedral Lane Tram Substation Investigate and amend design of Cathedral Lane Retaining Wall	20/03/2013		48,568.83		34,521.00	0.00	7,814.30	4,233.53	9.09%		
207	672	608C							ON 66	Review and amend design for On Street Drainage	16/05/2013		17,980.78		13,328.95	0.00	3,017.19	1,634.61	9.09%		
208		620							SW 66	Cost Engineering in respect of the Programme	18/10/2012		3,162,987.12		2,614,038.94	0.00		548,948.18	17.36%		
212	704	612A							1C 66	Carriageway reconstruction - redesign of St Andrew Square	20/03/2013		9,208.63		6,825.00	0.00	1,544.93	369.99	9.09%		
213	689	609D							ON 66	On Street Road Sign Eases, Road Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TMS 2) DESIGN	12/02/2013		71,538.64		53,030.90	0.00	12,004.27	6,503.52	9.09%		
214	683	604A							62	Wall holes to locate Scottish Water pipe at Gogarburn	22/01/2013		3,348.08		2,481.88	0.00	561.81	334.37	9.09%		
215	701B	614B							62,66	Reinstatement works at the Airport	24/04/2013		13,480.00		10,000.00	0.00	2,263.64	1,226.36	9.09%		
216	702	615A							62	Eastfield Avenue pedestrian crossing, provide and install STRAIL panels	16/01/2013		4,801.83		1,619.00	0.00	2,746.30	436.53	9.09%		
217	695	613A							62	Underpinning of 11m x 4.5m concrete Road temporary surface and install kerbs at Edinburgh Airport	14/03/2013		1,445.47		1,071.51	0.00	242.55	131.41	9.09%		
224		630							1C 12	Construction of Cathedral Lane Substation and Retaining Walls	27/11/2012		TBC								
226	696	646							66	SGN As Built drawings between Highliston and Eastfield Avenue	05/03/2013		3,414.32		2,531.00	0.00	572.93	310.39	9.09%		
228	713	639							2A 61	Haymarket W18 Network Rail Encroachment into LOD	08/02/2013		117,346.89		86,883.05	0.00	19,690.93	10,667.90	9.09%		
229	711	636							2A 61	Fence requirements at Murrayfield, Scotrail & Royal Mail	22/01/2013										
230	712	634							5A 54	Murrayfield Wenders Interface Detail	09/01/2013		34,762.03		25,768.74	0.00	5,833.11	3,160.18	9.09%		
232	714	640A							5B 54,66	Edinburgh Park Central Lighting - Design	27/02/2013		12,077.64		2,566.00	0.00	6,345.03	2,026.64	1,097.97	9.09%	
235	724	629A							5A 66	Realignment of Scottish Water pipe at Murrayfield	12/02/2013		3,265.93		2,421.00	0.00	548.03	296.90	9.09%		
236	723	641							1CD 71	Road Safety Audit Princes Street	18/02/2013		674.50		500.00	0.00	113.18	61.32	9.09%		
243	726	627A							2A 61	Deletion of Murrayfield Thistle	04/02/2013		-6,120.10		4,800.00	0.00	668.73	558.37	9.09%		
244	709	617							5A 61	Scotrail car Park Landscaping Works	22/02/2013										
252	737	635							5B 54	BT ducts at South Gyle Access Bridge - Work transfer	21/01/2012		37,869.84		28,072.53	0.00	6,354.60	3,442.71	9.09%		
259	759	656							62	Re-grading works at Eastfield Avenue	05/03/2013		23,345.11		17,305.49	0.00	3,917.53	2,122.28	9.09%		
260	741	647							SWON 15	Alteration to street lighting poles	07/02/2013		TBC								
261	744	638							5B 54	Drainage at Carrick Knowe Golf Course	06/02/2013		TBC								
262	736	642							1D 66	Amendment to road markings at Shantallow Place	05/02/2013		TBC								
264	742	644							5B 54	South Gyle Access Junction supplemented by Aecom	12/02/2013		TBC								
266	751	653A							62	Removal of Gogarburn hoarding	18/04/2013		2,488.10		1,829.58	0.00	414.15	224.37	9.09%		
267	752	654A							62	Handrail at Gogarburn Tram Stop ramp	18/04/2013		1,510.88		1,120.00	0.00	253.53	137.35	9.09%		
271	746	643							5B 61	Installation of view prism at Murrayfield Tramstop	04/03/2013										

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PME	SVC	ICO	BOT	Design	CMT	CMT	CMT	CMT	Section / Activity	Description	Date Issued	BS	Revision	Job Estimate Budgets					Reserve	
														BOT	Design	Construction	Professional	Margin		Margin In %
232	755	852A							5C 62	Relocation of signage at Gogar Tram Stop	07/05/2013		582.67			431.93	97.77	52.97	9.09%	
NN	754	651							OFF 68	Additional earthing & bonding to demarcation fencing	27/02/2013		TBC							
278	765	658B							OFF 61	Fencing requirements to NetworkRail corridor	24/04/2013		TBC							
283	771	665							SW 66	Finalise profiles of the DKE of the CAF tram in accordance with technical drawings provided by CAF	29/04/2013		TBC							
284	772A	668							SYDN 15	Remove requirement for recovery vehicle	10/05/2013		TBC							
287	773	669							5A 58.66	Water of Leith Bridge Lighting	21/05/2013		TBC							
15	513	ICCO							1D 14	Utility Conflict Verification	31/05/2013		19,505.33			12,757.68	4,974.44	1,779.21	9.09%	
25	543	ICCO							1D 14	Utilities affecting the construction of OHLE foundations in Haymarket H1	31/05/2013		285,446.64			186,699.57	72,797.37	25,949.69	9.09%	
28	521	ICCO							1D 14	Provide temporary accommodation and Welfare facilities	31/05/2013		1,748.74			1,143.78	445.98	159.98	9.09%	
35	547	ICCO							1D 14	Haymarket H1 - Third Party affecting our ability to progress the works	31/05/2013		7,244.80			4,738.54	1,847.64	658.62	9.09%	
36	548	ICCO							1D 14	Haymarket H1 - BT Fibre Optic Service required Diverted	31/05/2013		94,129.26			61,566.30	24,005.76	8,557.21	9.09%	
37	528	ICCO							1D 14	Haymarket 1 - Silt Trench Excavation to Validate Utilities	31/05/2013		7,441.05			4,866.90	1,897.69	676.46	9.09%	
38	549	ICCO							PSOW 13	Move 3 No OLEs (St John's Church) to central reserve	31/05/2013		36,836.57			24,197.37	9,434.97	3,363.33	9.09%	
40	535	ICCO							PSOW 13	Scottish Water Diversion at Junction of Princes Street and South St David Street	31/05/2013		286,724.84			187,595.59	73,123.35	26,065.89	9.09%	
43	551	ICCO							PSOW 13	Xmas Embargo demob. and temp reinstatement	31/05/2013		230,651.92			150,660.47	58,823.09	20,968.36	9.09%	
52	554	ICCO							1CD 15	PMC 52 On Street Early Implementation of TM Phase 4 & 5	31/05/2013		362,610.50			237,169.46	92,476.45	32,964.59	9.09%	
55	554	ICCO							1CD 15	Traffic Management Design	31/05/2013		10,671.78			6,980.00	2,721.62	970.16	9.09%	
58	570	ICCO							1CD 15	Site Clearance - Omit removal of trees	31/05/2013		-13,913.07			9,100.00	3,548.25	1,264.82	9.09%	
68	596	ICCO							1D 14	PMC 68 - Utilities affecting ability to place system drainage	31/05/2013		-4,245.78			28,939.45	11,283.99	4,022.34	9.09%	
69	538	ICCO							1D 14	PMC 69 - Geotextile Liner to Cliff on Terrace Void	31/05/2013		1,994.91			1,304.79	508.76	181.36	9.09%	
72	600	ICCO							1D 14	Shandwick place - OLE bases affecting utilities (Piling)	31/05/2013		314,233.85			205,528.17	80,138.97	28,566.71	9.09%	
77a	583	ICCO							1C 12	Amend specification for on street sets - 1C	31/05/2013		196,674.26			128,637.00	50,157.78	17,879.48	9.09%	
77b	583	ICCO							1D 14	Amend specification for on street sets - 1D	31/05/2013		58,097.30			37,999.19	14,816.54	5,281.57	9.09%	
79	606	ICCO							1C 12	St Andrew Sq - third party affecting our ability to progress the works	31/05/2013		513,812.82			338,065.03	131,037.53	46,710.26	9.09%	
87	604	ICCO							1C 12	St Andrew Sq - OLE bases affecting utilities (Piling)	31/05/2013		42,558.22			27,835.68	10,853.61	3,868.93	9.09%	
88	584	ICCO							1CD 14	Residual Road Value Engineering	31/05/2013		-268,251.83			174,144.98	67,902.18	24,204.71	9.09%	
99	629	ICCO							1D 14	Utilities affecting the ability to progress track excavation Shandwick 1	31/05/2013		12,921.05			8,451.16	3,295.25	1,174.64	9.09%	
100	630	ICCO							1D 14	Utilities affecting the ability to progress track excavation Shandwick 2	31/05/2013		10,860.36			7,103.34	2,769.71	987.31	9.09%	
101	631	ICCO							1D 14	Third Parties affecting the ability to progress track excavation Shandwick 2	31/05/2013		8,115.82			5,308.31	2,069.80	737.81	9.09%	
103	613	ICCO							1C 15	St Andrew Square Design, Enabling and Ongoing Maintenance of Temporary Bus Station	31/05/2013		10,070.22			6,586.54	2,568.21	915.47	9.09%	
104	614	ICCO							SW 15	INC 614 Rothsay Place TM Amendment	31/05/2013		8,203.04			5,385.29	2,092.02	745.73	9.09%	
108	590	ICCO							1CD 13	Reinstatement of Third Party Works / Lining - The Mound	31/05/2013		34,425.57			22,516.43	8,778.54	3,129.60	9.09%	
109	600	ICCO							1CD 13	Re-proving and cleaning of Chambers / ducts	31/05/2013		28,158.54			17,109.81	6,671.21	2,378.05	9.09%	
110	600	ICCO							1CD 13	Duct Chamber Bedding Detail Drawing Change	31/05/2013		10,683.27			6,987.51	2,724.55	971.21	9.09%	
114a	611	ICCO							1D 14	Excavation by others - 1D	31/05/2013		-66,891.10			48,750.87	17,059.22	6,081.01	9.09%	
114b	611	ICCO							1C 12	Excavation by others - 1C	31/05/2013		-122,312.71			80,000.00	31,193.38	11,119.34	9.09%	
126	629	ICCO							1D 14	1D Hand dig to expose utilities crossing through duct bank within S1 at Stafford Street and Leith Road Junction for TT to arch	31/05/2013		12,698.65			8,305.63	3,238.51	1,164.41	9.09%	

2.08a Approved Change Orders

										Job Estimate Budgets									
PMC	W/C	ICCO	BOT	Design	CBT	Contract	Phase	Section / Activity	Description	Date Issued	BS	Revision	BOT	Design	Construction	Professional	Margin	Margin In %	Remarks
								1D	14	31/05/2013		18,589.25			12,812.57	4,995.94	1,780.84	9.09%	
								1D	14	31/05/2013		5,301.58			3,467.54	1,352.05	481.99	9.09%	
								1D	14	31/05/2013		5,129.23			3,354.83	1,408.11	466.28	9.09%	
								1D	14	31/05/2013		757.28			495.31	193.13	68.84	9.09%	
								1D	14	31/05/2013		1,203.97			787.47	307.05	109.45	9.09%	
								1D	14	31/05/2013		3,739.24			2,445.69	953.62	339.93	9.09%	
								1D	14	31/05/2013		10,249.65			6,703.90	2,613.97	931.79	9.09%	
								1C	12	31/05/2013		5,907.34			3,864.09	1,506.68	537.08	9.09%	
								1C	15	31/05/2013		223,341.93			146,471.73	57,111.85	20,358.38	9.09%	
								PSOW	13	31/05/2013		214,369.14			140,210.54	54,670.59	19,489.10	9.09%	
								1D	14	31/05/2013		3,416.47			2,234.58	871.30	310.59	9.09%	
								1D	14	31/05/2013		5,912.93			3,867.42	1,507.97	537.54	9.09%	
								1D	14	31/05/2013		15,676.24			10,253.22	3,997.91	1,425.11	9.09%	
								1D	14	31/05/2013		3,431.57			2,244.46	875.15	311.96	9.09%	
								PSOW	13	31/05/2013		6,272.53			4,102.62	1,599.64	570.23	9.09%	
								PSOW	13	31/05/2013		15,289.08			10,000.00	3,889.17	1,349.92	9.09%	
								PSOW	13	31/05/2013		3,765.55			2,462.90	960.33	342.32	9.09%	
								PSOW	13	31/05/2013		3,259.93			2,129.58	830.36	295.99	9.09%	
								PSOW	13	31/05/2013		18,717.56			12,242.43	4,773.53	1,701.60	9.09%	
								PSOW	13	31/05/2013		511.27			334.40	130.39	46.48	9.09%	
								1D	14	31/05/2013		1,283.93			839.77	327.44	116.72	9.09%	
								SW	15	31/05/2013		4,824.11			3,024.45	1,179.29	420.37	9.09%	
								1D	14	31/05/2013		923,358.14			2,114,461.01	824,459.03	28,396.19	9.09%	
								15		31/05/2013		2,392.74			1,565.00	610.22	217.52	9.09%	
								1D	15	31/05/2013		22,925.99			14,995.00	5,846.91	2,084.18	9.09%	
								1D	14	31/05/2013		1,374.48			899.00	350.54	124.95	9.09%	
								1C	15	31/05/2013		5,484.96			3,587.50	1,398.83	498.63	9.09%	
								1D	14	31/05/2013		-184,909.78			120,942.30	47,157.48	16,809.98	9.09%	
								1D	14	31/05/2013		14,908.48			9,751.06	3,402.11	1,355.32	9.09%	
								1D	14	31/05/2013		9,366.93			6,126.44	2,388.92	851.53	9.09%	
								1CD	13	31/05/2013		1,120.80			733.07	285.94	101.89	9.09%	
								1D	14	31/05/2013		69,836.91			45,677.61	17,810.49	6,348.81	9.09%	
								1D	14	31/05/2013		2,191.69			1,433.49	559.94	199.24	9.09%	
								1D	14	31/05/2013		45,667.27			30,000.00	11,697.52	4,169.75	9.09%	
								1D	14	31/05/2013		31,495.88			20,593.69	8,029.93	2,862.35	9.09%	
								1C	12	31/05/2013		313,128.08			204,804.93	79,856.96	28,466.19	9.09%	
								SW	15	31/05/2013		4,086.35			2,672.72	1,042.14	371.49	9.09%	



2.08a Approved Change Orders

PME	SVC	ICCO	BOT	Design	CMT	CMT	CMT	CMT	Section / Activity	Description	Date Issued	BS	Revenue	Job Estimate Budgets					Revenue	
														BOT	Design	Construction	Materials	Margin		Margin In %
220	645	ICCO							1C 12	Additional Control Reserve Works	31/05/2013		7,104.06			4,646.49	1,811.75	645.82	9.09%	
221	697	ICCO							1D 14	Remedial Works to CLE foundations Clifton Terrace	31/05/2013		11,868.57			7,762.77	3,026.84	1,078.96	9.09%	
222	707	ICCO							SW 15	WC 707A TM Apple Store Site	31/05/2013		2,321.86			1,518.64	592.14	211.08	9.09%	
225	700	ICCO							1D 14	Hopie Street construction works	31/05/2013		32,800.31			21,453.41	8,365.05	2,881.85	9.09%	
227	659	ICCO							1C 12	York Place Hoarding Design	31/05/2013		2,692.16			1,760.84	686.58	244.74	9.09%	
233	564	ICCO							1CD 15	Tracking and Modelling CEG request	31/05/2013		-8,838.38			5,841.00	2,277.51	611.85	9.09%	
237	564	ICCO							1CD 15	Tracking and Modelling CEG request	31/05/2013		6,826.58			4,465.00	1,740.98	620.60	9.09%	
238	606	ICCO							1C 12	Making Manhole shutters and enrobed	31/05/2013		24,155.40			15,799.11	6,160.34	2,195.95	9.09%	
239	682	ICCO							1C 12	1C3 Re-scope of De-scooped Ducting	31/05/2013		6,556.38			4,353.68	1,697.57	606.18	9.09%	
240	687	ICCO							1C 12	Additional kerb cost for supplies new	31/05/2013		99,611.87			65,152.26	25,403.99	9,055.62	9.09%	
245	728	ICCO							Siv 15	Pedestrian management during Christmas Shutdown	31/05/2013		22,664.36			14,823.75	5,780.04	2,060.38	9.09%	
246	729	ICCO							1CD 15	Princes St/South St Andrew St - Traffic Light Alterations	31/05/2013		4,035.92			2,639.74	1,029.28	366.90	9.09%	
251	735	ICCO							1D 14	Queensferry Street/Lothian Rd Junction	31/05/2013		32,489.01			21,249.80	8,285.66	2,853.55	9.09%	
255	738	ICCO							1C 12	De-scope site clearance items	31/05/2013		-218,479.46			145,559.00	55,973.78	19,852.08	9.09%	
256	740	ICCO							1D 14	Haymarket Island - amend levels	31/05/2013		5,018.38			3,282.72	1,279.99	456.27	9.09%	
258	739	ICCO							1C 12	Construction works required to reduce extent of utility diversions	31/05/2013		3,117.09			2,038.71	794.95	283.37	9.09%	
260	741	ICCO							1D 14	Alterations to Street Lighting Poles 1D	31/05/2013		37,899.14			24,788.98	9,665.41	3,445.38	9.09%	
265	749	ICCO							1D 14	Footway Works outside Haymarket Station	31/05/2013		30,452.04			19,917.50	7,766.18	2,768.37	9.09%	
268	756	ICCO							1D 14	Widening of temp Ped walkway at Haymarket	31/05/2013		1,903.30			1,245.20	485.52	173.07	9.09%	
274	766	ICCO							1D 15	Additional cost of de-flood lighting	31/05/2013		7,644.54			5,000.00	1,949.59	694.96	9.09%	
277	761	ICCO							1C 12	Road markings, sign and light modifications at St David Street	31/05/2013		6,710.24			4,388.91	1,711.31	610.02	9.09%	
												<b>TOTALS</b>	<b>8,112,756.33</b>	<b>4,970,981.09</b>	<b>1,490,137.09</b>	<b>1,215,484.10</b>	<b>1,588,554.66</b>	<b>1,278,567.59</b>	<b>15.76%</b>	
																<b>6,834,188.74</b>				

Project: **Edinburgh Tram Network**  
 as per: **31/05/2013**

**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		
151	648			+	SWOn	Cabinet positions for Street Lighting	12/06/2012							
186	628			+	SW	Update Utility Drawings to reflect MUDFA contractors work	15/04/2012							
215	701					Reinstatement works at the Airport	18/09/2012							
224					1C	Construction of Cathedral Lane Substation and Retaining Walls	08/10/2012	180,205	117,133	81,091	180,205			
253	732				2A	Roseburn Street pavement construction	22/01/2013	4,851	3,821	2,083	4,851			
254				+	5A	Additional retaining measures due to Network Rail infrastructure amendments.	28/01/2013	355,375	230,000	158,920	355,375			
261	744					Cairnck Knowe Golf Course Drainage	08/02/2013							
264	742				5B	Reinstating South Gyle Access Junction - Reinststate Junction supplemented by Aecom	12/02/2013							
276	765				2A/EA	Fencing requirements to Network Rail corridor	08/04/2013							
281	760				SW	Reduction in Number of sets of "As Built" Drawings from 5 to 1	15/04/2013							
283	771			+	SW	Undertake analysis of the DXE of the CAF tram in accordance with technical information provided by CAF	29/04/2013							
287	773				5A	Water of Leith Lighting	21/05/2013							
<b>TOTALS</b>									<b>530,932</b>	<b>345,106</b>	<b>238,919</b>	<b>530,932</b>		

maximum potential of changes	<b>530,932.06</b>
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Project: **Edinburgh Tram Network**

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**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	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	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	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	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	9,233,301	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	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	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	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	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	11,276,883	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	
55	MONTH	12,918,631	6,575,953	6,458,434	-117,519	0	0	0	6,458,434	14/11/2012	14/11/2012	6,458,434	
Nov-12	ACCUM	207,922,903	237,158,809	236,869,529	-289,280				236,869,529			236,869,529	
56	MONTH	12,304,668	6,011,001	6,066,205	55,204	0	0	0	6,066,205	12/12/2012	12/12/2012	6,066,205	
Dec-12	ACCUM	214,467,877	243,169,810	242,935,734	-234,076				242,935,734			242,935,734	
57	MONTH	10,963,753	8,880,476	8,877,558	-2,918	0	0	0	8,877,558	09/01/2013	09/01/2013	4,743,916	
Jan-13	ACCUM	218,886,656	252,050,286	251,813,291	-236,995				251,813,291			247,679,650	
58	MONTH	7,657,673	5,840,099	5,567,133	-272,966	0	0	0	5,567,133	06/02/2013	06/02/2013	4,133,642	
Feb-13	ACCUM	222,125,550	257,890,385	257,380,425	-509,960				257,380,425			251,813,292	
59	MONTH	8,745,640	3,426,444	3,398,395	-28,049	0	0	0	3,398,395	06/03/2013	06/03/2013	5,567,133	
Mar-13	ACCUM	227,632,296	261,316,829	260,778,820	-538,009				260,778,820			257,380,425	
60	MONTH	8,851,735	2,701,828	2,532,733	-169,095	0	0	0	2,532,733	03/04/2013	03/04/2013	3,398,395	
Apr-13	ACCUM	230,977,285	264,018,657	263,311,553	-707,104				263,311,553			260,778,820	
61	MONTH	5,771,857	2,324,698	2,523,273	198,575	0	0	0	2,523,273	29/05/2013	29/05/2013	5,056,006	
May-13	ACCUM	233,404,153	266,343,355	265,834,825	-508,530				265,834,825			265,834,825	
												<b>265,834,825</b>	

Project: **Edinburgh Tram Network**as per: **31/05/2013**

## 2.1 Monthly Report on Quality Management

### 1. Audits

#### 1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
ETN QA 12/09 P25	19/07/2012	1	0	0%	3 no. Observation/Suggestion for improvement
ETN QA 12/18 P92	05/09/2012	1	0	0%	0 no. Observation/Suggestion for improvement
ETN QA 13/06 Grahams 5A	12/03/2013	1	0	0%	0 no. Observation/Suggestion for improvement
ETN QA 13/07 Lagan 1D	25/04/2013	0	0	N/A	4 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 12/02	02/10/2012				Awaiting Formal Report
T&T Quality Audit 12/03	19/12/2012				Awaiting Formal Report
BSI Audit	01-02/05/2013	0	0	N/A	

### 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	-	9	-	100%
1B	-	-	-	-	-	-	-	-	-
1C, 1C/D St A Sq, Princes St, York Pl	86	44	47	55%	57	1	43	0	75%
1D	84	24	62	74%	44	0	33	0	75%
2A	33	13	25	76%	122	2	117	6	96%
5A	114	38	87	76%	59	1	47	5	80%
5B	118	48	81	69%	96	2	51	1	53%
5C	63	22	51	81%	79	1	54	1	68%
6	36	0	36	100%	125	0	124	0	99%
7A	193	0	193	100%	73	0	73	0	100%
<b>System NCRs (non-audit)</b>					664	7	551	13	83%
<b>Cancelled</b>					18	0	18	0	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. Inspection and Test Records are being received from other contractors as works progress and are being reviewed by Bilfinger. Record of Review comments from the Client relating to Section B completion have been received and to date do not include any comments relating to civils works.

## 2.12 Safety Information System - SIS

### Bilfinger Construction<sup>5</sup> - Monthly Safety Report

Month	<b>May-13</b>	Prepared by		Contact phone or email.	
Site or office and Units	Bilfinger CO <sup>1</sup> Managers, Supervisors, Foremen	Bilfinger CO <sup>1</sup> workers	JV people under Bilfinger CO control	Sub-contractors <sup>3</sup>	Agency / hired people / Bilfinger SE workers eg BIS
Number	48		42	256	<b>346</b>
Hours <sup>2</sup>	7769		6060	48243	<b>62072</b>

**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					0
1st Aid only					0
Calendar days lost this month + from any previous ongoing accidents					0

**Incidents**

Damage					0
Environment Ecology / Pollution					0
Not work related eg flood bomb scare					0
Near misses, hazards reported					0

**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 <sup>4</sup>	Cal days lost this month. Max 30
		During high winds the door of a van blew shut and crushed the injured persons hand. This resulted in a fracture to the right hand	16-Apr-13		30
		Whilst bending down the IP twisted his right ankle. Later confirmed as a fracture to the ankle.	13-May-13		18

1. Average number of Bilfinger CO staff or site workers during the month.  
2. Hours should be included if known. Do not leave boxes blank eg make an estimate or multiply number of staff by monthly hours worked eg x 200  
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. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known  
5. These are summary Bilfinger CO Group figures including all R&T's on site. For separate Regions or Technology Reports, please send a R&T specific report to the R&T  
6. Days lost are now calendar not working days, but maximum 180. You may have days lost to continue to report from an old accident but no accidents this month  
Definition for a 3D+ accident includes weekends but not day of accident. You should check if man is available or fit for work during a weekend, then it may not be a 3Day+



**2.13 Project Photographs**

Picture 01

Section 1C

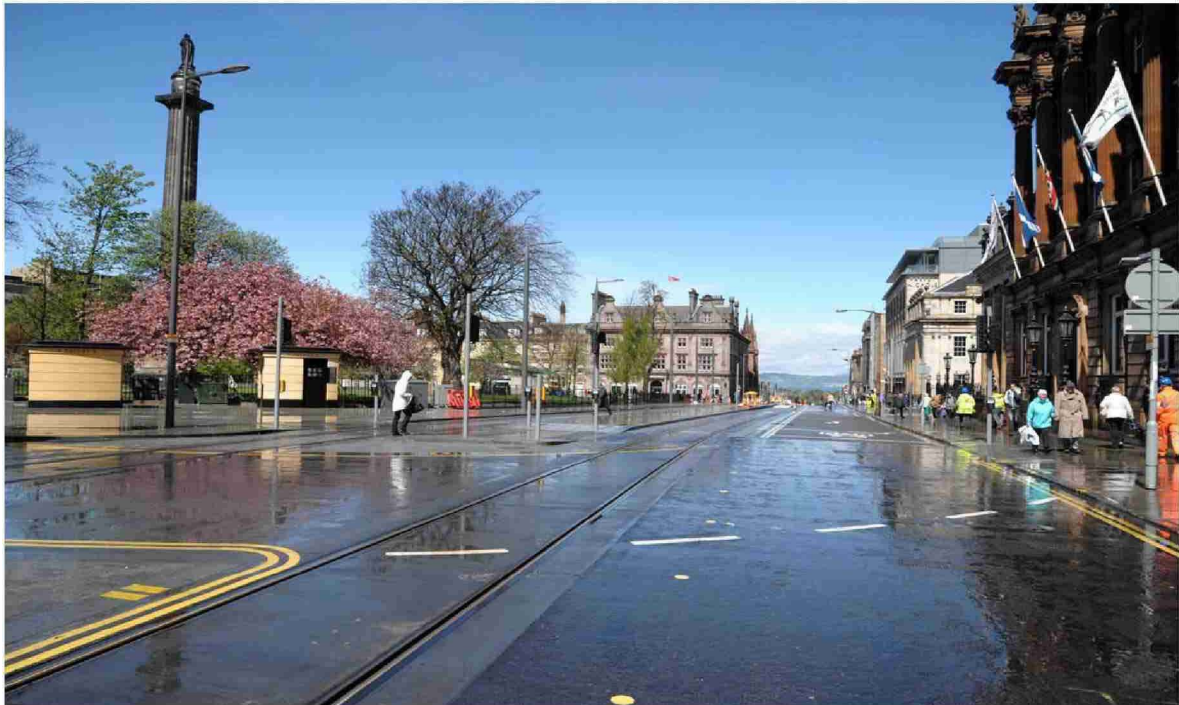
York Place



Picture 02

Section 1C

St Andrew Square





**2.13 Project Photographs**

**Picture 03**

**Section 1C**

**York Place**





**2.13 Project Photographs**

**Picture 04**

**Section 1C**

**St Andrew Square**





**2.13 Project Photographs**

**Picture 05**

**Section 5A**

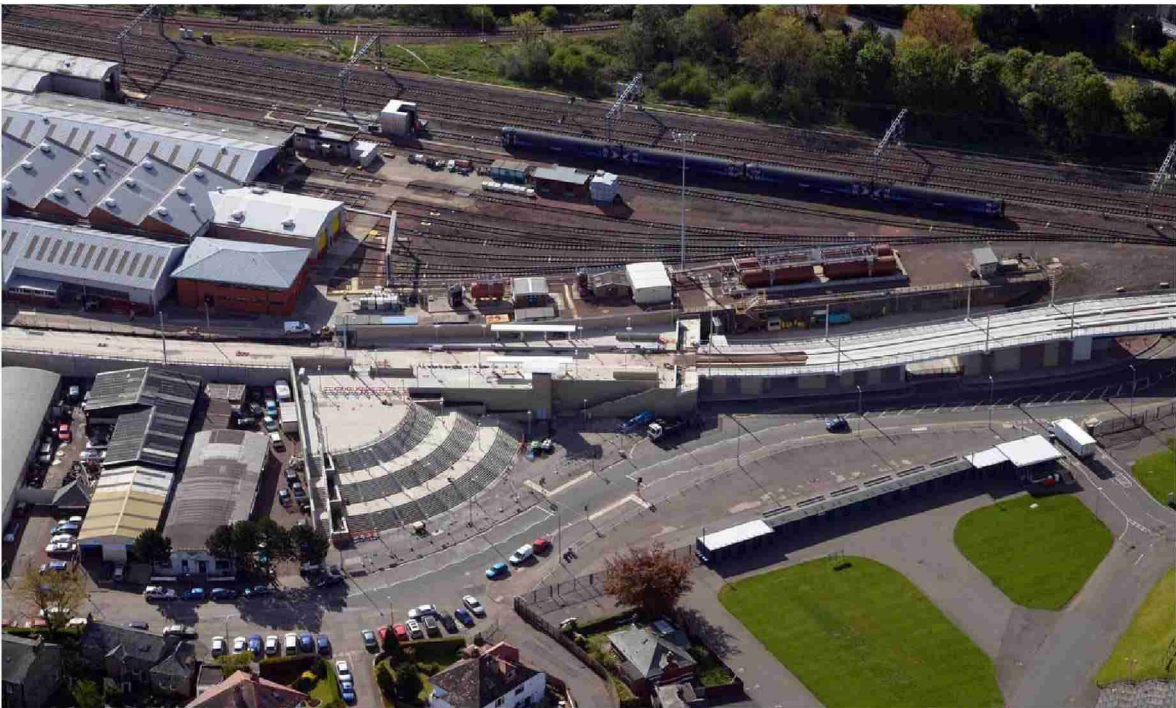
**Murrayfield Stadium Tram Stop**



**Picture 06**

**Section 5A**

**Murrayfield Stadium Tram Stop**





**2.13 Project Photographs**

**Picture 07**

**Section 2A**

**Russell Road Bridge (Delta Junction)**



**Picture 08**

**Section 5A**

**Roseburn Bridge at Murrayfield Stadium**





**2.13 Project Photographs**

**Picture 09**

**Section 5A**

**Track Murrayfield Stadium to Haymarket**



**Picture 10**

**Section 5A**

**Track Balgreen to Murrayfield Stadium**





**2.13 Project Photographs**

Picture 11

Section 5B

Bankhead Tram Stop



Picture 12

Section 5B

Edinburgh Park Station Tram Stop





**2.13 Project Photographs**

**Picture 12**

**Section 5C**

**South Gyle Broadway Crossing**



**Picture 13**

**Section 5C**

**South Gyle Broadway & Lochside Crossing**





**2.13 Project Photographs**

**Picture 14**

**Section 5C**

**Edinburgh Gateway**



**Picture 15**

**Section 5C**

**Edinburgh Gateway**





**2.13 Project Photographs**

**Picture 16**

**Section 5C / 6**

**Depot, Edinburgh Gateway, A8 Underpass**



## 3.01 Overview of Contingencies

Estimated Risks from Risk & Opportunity Sheet / Top Sheet		estimated	used	reduced	remaining
		GBP	GBP	GBP	GBP
02.	Changes in law affecting clause 84 of the contract	62,729		0	62,729
	<b>Total Contractual Risks</b>	<b>690,024</b>	<b>0</b>	<b>-627,295</b>	<b>62,729</b>
05.	Her Majesty's Railway Inspectorate	21,955		0	21,955
	<b>Total Design Risks</b>	<b>272,873</b>	<b>0</b>	<b>-250,918</b>	<b>21,955</b>
10.	Programme risk on Sectional Completion Date C - LD's	183,484		0	183,484
11.	Programme risk on Sectional Completion Date C - Site costs on Delay	94,094		0	94,094
12.	Programme risk on Sectional Completion Date D - LD's	231,472		0	231,472
13.	Programme risk on Sectional Completion Date D - Site costs on Delay	28,228		0	28,228
14.	Network Rail requesting additional protection measures for temporary works	62,729		0	62,729
15.	Network Rail causing additional possessions and engineering hours	62,729		0	62,729
16.	Limits exceeding pollution	6,273		0	6,273
17.	Clients interpretation of Code of Construction Practice	62,729		0	62,729
18.	Power cables for street lighting between substations and user	7,528		0	7,528
19.	Additional works to be carried out under Network Rail License	301,101		0	301,101
	<b>Total Construction Risks</b>	<b>1,081,770</b>	<b>0</b>	<b>-41,401</b>	<b>1,040,368</b>
21.	Interfaces Subcontractors not covered	501,836		0	501,836
22.	Interfaces Siemens not covered	940,942		-231,732	709,210
23.	Insurance deductibles	9,409		0	9,409
24.	Subcontractor insolvency	313,647		-78,412	235,236
25.	Defects Liability	602,203		-150,551	451,652
	<b>Total Commercial Risks</b>	<b>2,995,333</b>	<b>0</b>	<b>-1,087,989</b>	<b>1,907,343</b>
<b>Total Values</b>		<b>5,040,000</b>	<b>-</b>	<b>- 2,007,603</b>	<b>3,032,397</b>