



BiLFINGER Bilfinger Construction GmbH

EDINBURGH TRAM NETWORK

Monthly Project Report February 2013



Monthly Report Major Projects

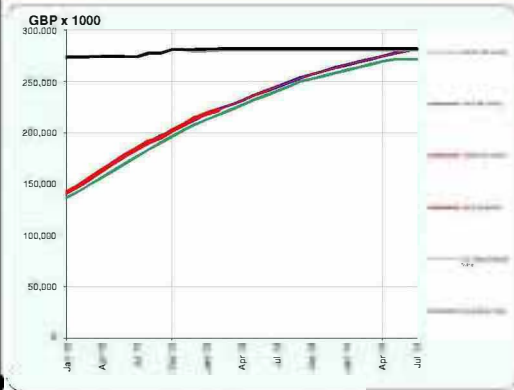
Project: Edinburgh Tram Network

Reporting Period: February 2013

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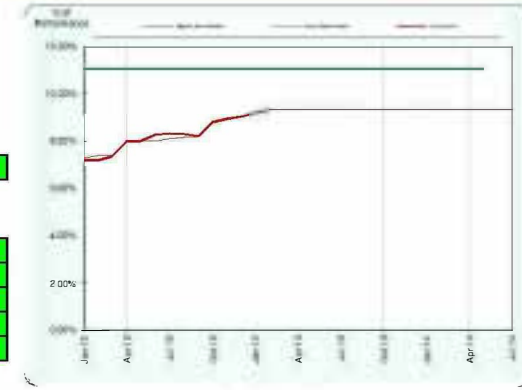
1.01 Project Overview Charts



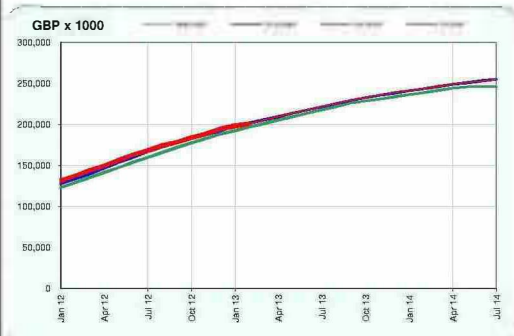
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date			15-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		282,114		
Claims / Variations approved				10,571		
Claims / Variations not approved				-1,741		
Performance		217,701	223,327	222,126	99.5%	green
Actual Cost to Date				201,405	100.0%	green
Result	11.07%	7.23%	9.34%	9.33%	2.1%	green
Payment Status		208,194	251,813	257,380	102.2%	green
Av.Perf/mth: Rem. & act. 3mth			1,875	4,734		green

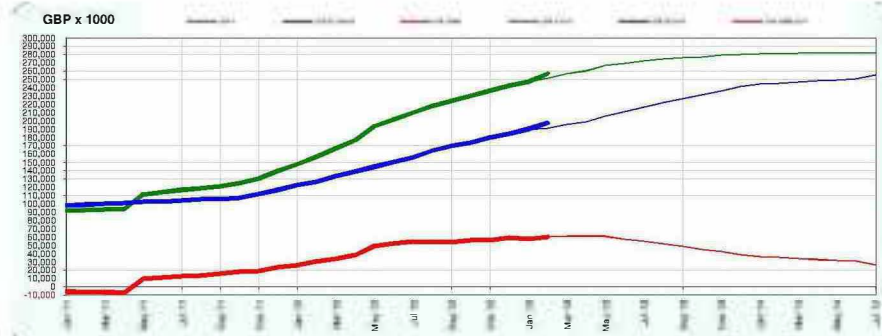
Project Key Figures



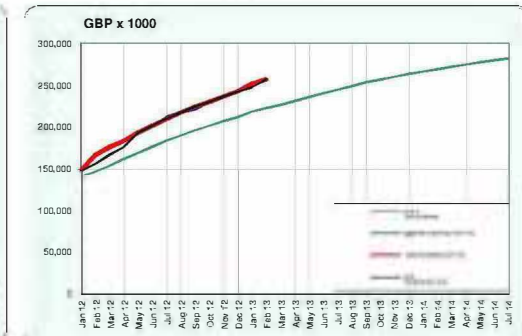
Project Result



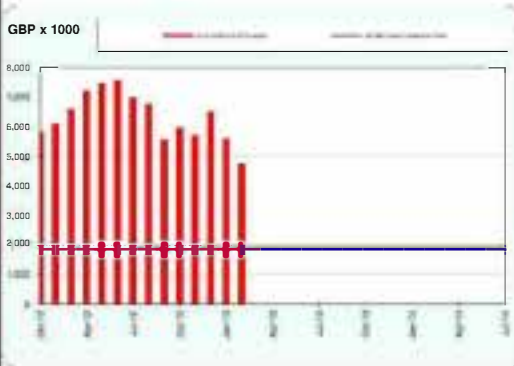
Project Cost



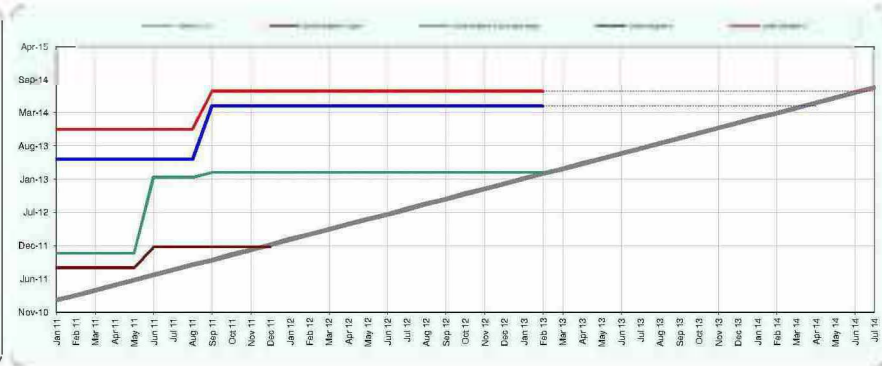
Cashflow



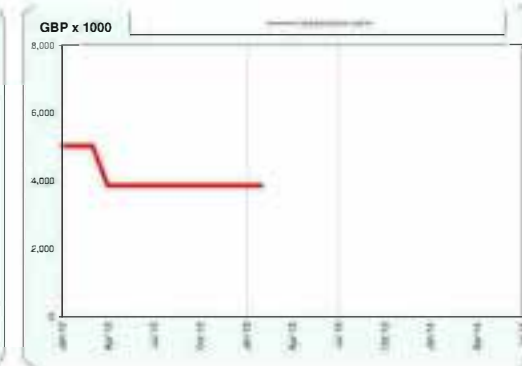
Payment Status



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:	£3,238,894
Planned performance:	<u>£4,440,000</u>
Variance:	-£1,201,106

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:	£20,720,580	or	9.33%
Forecast/planned result:	£26,349,950	or	9.34%
Weighted margin out of R&O:	£30,021,302	or	10.64%

1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£257,380,425
Paid net from the client:	<u>£257,380,425</u>
Variance	£0

The payment of £5,567,133 was received on schedule on 06/03/2013.

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:	£258,344,866	(incl. interest income)
Cash out net:	£197,791,220	
Cash balance net:	£60,553,646	

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	- Achieved on 8th of March -
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> Extended construction support on technical queries is ongoing.</p> <p><u>Procurement :</u> All subcontract arrangements are in place, minor purchase on finishing works ongoing.</p> <p><u>Construction :</u> During February works were performed in accordance with the agreed Programme Rev5. Reduction in performance because of bad weather conditions.</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 February 26 new, revised and further works on On-Street changes increased the Variation Order value in an amount of £ 373,032 to £ 10,571,289 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
1.3.4	Status on Major Unapproved Claims / Variations / Changes		
	Several changes have been notified (see list "2.08b Unapproved Changes").		

Project: Edinburgh Tram Network

as per: **28/02/2013**



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	57.4 month	57.4 month	77.9 %	
Rate of Exchange Top Sheet:	1 GBP = 1.11 EUR	Performance to date	222,125,550 GBP		78.7 %	
	Actual: 1.16 EUR					

2. Total Contract Value		Date of Contract	Total Previous Month	February 2013	Total Reporting Month
Contract Value with Client (Rev 4 evaluation)	271,542,291 (incl. SDS NovaAgree)	100.00%	281,740,548	373,032	282,113,580
Contract Value with 3rd Parties (without interest)			0	0	0
			281,740,548	373,032	282,113,580

3. Claims and Variations		Total Previous Month	February 2013	Total Reporting Month
Claims and Variations approved		10,198,257	373,032	10,571,289
Claims and Variations submitted but not approved yet		-1,625,506	-115,494	-1,741,000
Claims and Variations under preparation		0	0	0

4a. Performance		Total Previous Month	February 2013	Total Reporting Month
Performance for Actual Contract Value with Client		218,886,656	3,238,894	222,125,550
Performance for 3rd Parties (without interest)		0	0	0
Total Performance to Date		218,886,656	3,238,894	222,125,550
Remaining Performance to Date		62,853,892	22,311	59,988,030
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		218,886,656	4,440,000	223,326,656

4b. Cost		Total Previous Month	February 2013	Total Reporting Month
Actual Cost at Reporting Date		198,757,599	2,647,371	201,404,970

5. Result		Date of Contract	Total Previous Month	February 2013	Total Reporting Month
Planned Result for Contract with Client (revised evaluation)	19,632,508	7.23%	25,397,650	952,300	26,349,950
Actual Result at Reporting Date			20,129,057	591,523	20,720,580
Forecast Result at the End of Contract			25,885,867	464,083	26,349,950
Weighted Result at the End of Contract (Likely Case)			29,557,219	464,083	30,021,302

6. Invoices, Payment and Bank account		Total Previous Month	February 2013	Total Reporting Month				
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	252,050,286	89.46%	5,840,099	257,890,385	91.41%
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	251,813,291	89.38%	5,567,133	257,380,425	91.23%
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	247,679,650	87.91%	9,700,775	257,380,425	91.23%
Cash In from 3rd Parties - excl. VAT				0	0.00%	0	0	0.00%
Interest income				951,038	0.43%	13,403	964,441	0.43%
Cash out (excl. VAT)				190,845,292	67.74%	6,945,928	197,791,220	70.11%
Net Liquidity	crediline	0	0%	57,785,396	20.51%	2,768,249	60,553,646	21.46%

7. Subcontractor Work (incl. Design)		Total Previous Month	February 2013	Total Reporting Month			
Total Portion of Subcontractor Budget (first evaluation)	186,628,491 (incl. SDS)	68.73%	191,315,927	67.91%	276,025	191,591,952	67.91%
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
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	4,419	2,812
	815	6,518	3,239	2,805
2008	788	7,419	5,042	2,778
12,940	1,424	7,646	4,515	2,820
	1,574	7,266	4,546	2,616
2009	2,056	7,720	4,428	2,278
37,734	1,937	5,930	4,345	2,376
	1,355	6,583	4,336	
2010	7,192	4,118	4,336	
50,195	4,827	7,159	3,388	
	5,712	5,760	3,438	
	5,867	6,545	3,128	
100,868	35,119	78,480	49,160	18,485
total: 282,114				

Yearly Forecast		
Performance and Result in 2008-2010		
Performance	100,868,316	35.8%
Result	118,099	0.12%
Performance and Result in 2011		
Performance	35,119,425	12.4%
Result	9,885,015	28.15%
Performance and Result in 2012		
Performance	78,480,136	27.8%
Result	9,453,809	12.05%
Performance and Result in 2013		
Performance	49,160,494	17.4%
Result	5,166,474	10.51%
Performance and Result in 2014		
Performance	18,485,209	6.6%
Result	1,726,554	9.34%
Total Performance and Result		
Performance	282,113,580	100.0%
Result	26,349,950	9.34%

Edinburgh, 13/03/2013

Edinburgh, 13/03/2013


Place and Date M Foerder, Project Director

Place and Date C G...er, 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	282,114	282,114	282,114	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-255,764	-255,764	-255,764
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				
£ 4	Risks not included in JSE	0	0	0	£ 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	109	67	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				
£ 5	Chances	0	0	0	£ 5	Chances	5,943	3,671	0
6 =1+3+4+5	Forecast Final Revenue	282,114	282,114	282,114	6 =1+3+4+5	Forecast Final Costs	-249,820	-252,092	-255,764

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	282,114		
	Costs	-249,820		
	Result	32,293		
% Gross Margin based on Revenue Best Case	Revenue: 282,114	11.45%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		282,114	
	Costs		-252,092	
	Result		30,021	
% Gross Margin based on Revenue Likely Case	Revenue: 282,114		10.64%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			282,114
	Costs			-255,764
	Result			26,350
% Gross Margin based on Revenue Worst Case	Revenue: 282,114			9.34%
Gross Margin previous month (most likely case)		11.30%	10.49%	9.19%

	Project: Edinburgh Tram Network as per: 28/02/2013	 BILFINGER <small>Bilfinger Construction GmbH</small>
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001JE56 Edinburgh Tram Network 2013-02
Reporting Month: 58. Report Period, 28/02/2013

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

Work / Cost Code	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. w/ AQty. 15	Budget Agreed VO's AQty. 1	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJC 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
25.1.201.12	SECTION 1C	3,729,874	1,048,328	4,778,202	4,767,380	0	-10,822	4,767,380	-10,822	362,613	359,902	-2,711	9,613,737	9,613,737	-230,495	0	9,383,242	9,179,264	51.94%	4,411,888	9,190,086	193,156	-20,836
25.1.201.13	Princes Street (outstanding ...	1,559,362	130,940	1,690,302	1,613,215	0	-77,087	1,668,421	-21,881	3,363	0	-3,363	1,162,259	1,162,259	583,261	0	1,745,521	1,743,522	95.69%	75,101	1,765,403	-19,881	-80,559
25.1.201.14	SECTION 1D	5,584,338	513,193	6,097,531	6,082,258	0	-15,273	6,082,258	-15,273	523,978	500,528	-23,450	10,028,527	10,028,527	976,535	0	11,005,062	10,733,623	56.67%	4,651,365	10,748,896	256,166	-26,951
25.1.201.15	SECTION 1CD - SITE WIDE	3,708,464	247,831	3,956,295	3,960,549	0	4,254	3,960,549	4,254	-36,030	119,333	155,363	5,916,403	5,916,403	934,145	0	6,850,548	6,374,234	62.13%	2,413,685	6,369,980	480,568	6,884
1.1	CONSTRUCTION ON-STREET rev ...	14,582,038	1,940,292	16,522,330	16,423,402	0	-98,928	16,478,608	-43,722	853,924	979,763	125,839	26,720,926	26,720,926	2,263,448	0	28,984,374	28,030,643	58.79%	11,552,035	28,074,365	910,009	-121,499
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	3,362,462	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	566,937	21,748	21,748
25.1.201.45	Section 1CD	3,247,527	49,981	3,297,508	3,313,571	0	16,063	3,313,571	16,063	248	0	-248	3,810,714	3,810,714	0	0	3,810,714	3,810,714	86.95%	497,14	3,794,551	16,063	18,474
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...	19,260,149	49,981	19,310,130	19,356,834	0	46,704	19,326,193	16,063	248	0	-248	22,074,886	22,074,886	-2,220,909	0	19,853,971	19,823,336	97.49%	497,14	19,807,273	46,704	49,115
25.1.201.54	SECTION 5ABC- Trackworks	14,782,423	1,874,921	16,657,344	16,633,604	0	-23,740	16,633,604	-23,740	655,096	678,126	23,030	18,185,633	18,185,633	2,438,478	0	20,624,111	20,449,112	81.34%	3,815,508	20,472,852	151,259	-29,186
25.1.201.58	SECTION 5ABC- Structures	35,698,383	282,329	35,980,712	35,980,930	0	218	35,980,930	218	100,944	94,628	-6,316	40,384,415	40,384,415	116,945	0	40,501,360	39,602,673	90.85%	3,621,743	39,602,455	898,905	240
25.1.201.61	SECTION 2	22,595,068	2,360,806	24,955,874	24,961,885	0	6,011	24,961,885	6,011	447,250	458,733	11,483	25,928,810	25,928,810	-21,629	0	25,907,181	26,540,880	94.05%	1,578,995	26,534,869	-627,688	6,391
25.1.201.62	SECTION 7	17,329,562	14,786	17,344,348	17,330,502	0	-13,846	17,330,502	-13,846	15,015	0	-15,015	17,060,851	17,060,851	441,160	0	17,502,011	17,578,374	98.59%	247,872	17,592,220	-90,209	-14,044
25.1.201.63	SECTION 6	17,286,508	722,868	18,009,376	17,700,436	0	-308,940	18,002,680	-6,696	4,652	0	-4,652	17,583,988	17,583,988	126,448	0	17,710,436	18,012,680	99.94%	10,000	18,019,376	-308,940	-309,125
1.3	CONSTRUCTION OFF-STREET	107,891,944	5,255,710	112,947,654	112,607,357	0	-340,297	112,909,601	-38,054	1,222,957	1,231,487	8,530	119,143,697	119,143,697	3,101,400	0	122,245,099	122,183,719	92.41%	9,274,118	122,221,772	23,327	-345,724
25.1.201.21	TTM	3,375,681	54,514	3,430,295	3,475,840	0	45,545	3,451,939	21,644	168,812	39,537	-12,9275	4,258,521	4,258,521	138,696	0	4,397,211	4,397,217	78.50%	945,278	4,375,573	21,644	21,644
25.1.201.25	Advanced Maintenance	53,354	8,568	61,922	61,519	0	-403	61,519	-403	7,611	8,676	1,065	0	0	202,080	0	202,080	202,080	30.44%	140,561	202,481	-403	-1,324
1.4	SECTION 5VIDE	3,429,035	63,182	3,492,217	3,537,359	0	45,142	3,513,458	21,241	176,423	48,213	-128,210	4,258,521	4,258,521	340,776	0	4,599,291	4,599,297	76.39%	1,085,839	4,578,056	21,241	56,895
	DIRECT JOB COSTS	144,963,166	7,309,165	152,272,331	151,924,952	0	-347,379	152,227,860	-44,471	2,253,552	2,259,483	5,911	172,198,030	172,198,030	3,484,711	0	175,682,741	174,636,995	87.17%	22,409,135	174,881,466	1,001,281	-361,413
25.1.201.42	HAYMARKET OFFICE	563,315	-21,360	541,955	558,728	0	16,773	542,827	87	7,437	-14,099	-21,536	1,030,622	1,030,622	264,808	0	1,295,430	1,060,744	51.17%	517,91	1,059,871	235,558	32,779
25.1.201.53	EDINBURGH PARK STORAGE	1,450,290	8,928	1,459,218	1,469,890	0	10,672	1,469,890	10,672	8,517	14,591	6,075	1,716,758	1,716,758	0	0	1,716,758	1,716,758	85.62%	246,868	1,706,086	10,672	12,464
25.1.201.64	CONSORTIUM OFFICE	4,163,119	41,506	4,204,625	4,213,306	0	8,681	4,213,306	8,681	35,086	33,523	-1,563	6,304,886	6,304,886	2,121,161	0	8,426,053	6,907,532	61.00%	2,694,226	6,898,851	1,527,202	14,231
25.1.201.65	STAFF	23,249,697	77,383	23,327,080	23,318,152	0	-8,928	23,318,152	-8,928	291,789	290,000	-1,789	33,262,345	33,262,345	1,194,890	0	34,457,235	32,168,021	72.49%	8,849,869	32,176,949	2,280,286	-12,316
25.1.201.66	DESIGN	13,755,114	0	13,755,114	13,762,542	0	7,428	13,755,115	0	0	-15,888	-15,888	14,430,459	14,430,459	1,478,746	0	15,909,205	15,901,853	86.50%	2,146,738	15,901,852	7,353	8,581
25.1.201.67	FINANCE	1,061,611	-3,649	1,057,962	1,079,874	0	21,911	1,059,874	1,911	32,342	21,539	-10,803	10,683,311	10,683,311	262,357	0	10,945,668	12,100,191	8.76%	11,040,311	12,098,279	-1,152,611	21,912
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	4,094,615	148,295	4,242,910	4,292,292	0	49,382	4,252,292	9,382	18,647	22,934	4,287	6,699,594	6,699,594	262,538	0	6,962,132	6,872,982	61.87%	2,620,690	6,863,600	98,532	79,816
	INDIRECT JOB COST	48,881,536	251,103	49,132,639	49,238,559	0	105,920	49,155,231	22,592	393,818	352,601	-41,217	74,671,750	74,671,750	5,584,506	0	80,256,256	77,271,856	63.81%	28,116,625	77,249,264	3,006,992	157,473
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		193,844,702	7,560,268	201,404,970	201,163,511	0	-241,459	201,383,091	-21,879	2,647,370	2,627,664	-19,706	251,909,780	251,909,780	9,069,223	0	260,979,003	255,763,631	78.74%	54,380,540	255,785,510	5,193,493	-203,940

Project: GB-2006-1001JE56 Edinburgh Tram Network 2013-02
Reporting Month: 58. Report Period, 28/02/2013

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 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)	
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	
Total Cost incl. Prime Cost Sums		193,844,702	7,560,268	201,404,970	201,163,512		-241,458	201,383,09	-21,878	2,647,371	2,627,664	-19,707	251,909,780	251,909,780	9,069,219		260,978,999	255,763,630	78.7 %	54,380,538	255,785,508	5,193,491	-306,808	
Prime Cost Sums 0 / 0																								
Total Cost without Prime Cost Sums		193,844,702	7,560,268	201,404,970	201,163,512		-241,458	201,383,09	-21,878				251,909,780	251,909,780	9,069,219		260,978,999	255,763,630		54,380,538	255,785,508			

REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 1.1030, PFB = 1.0810)

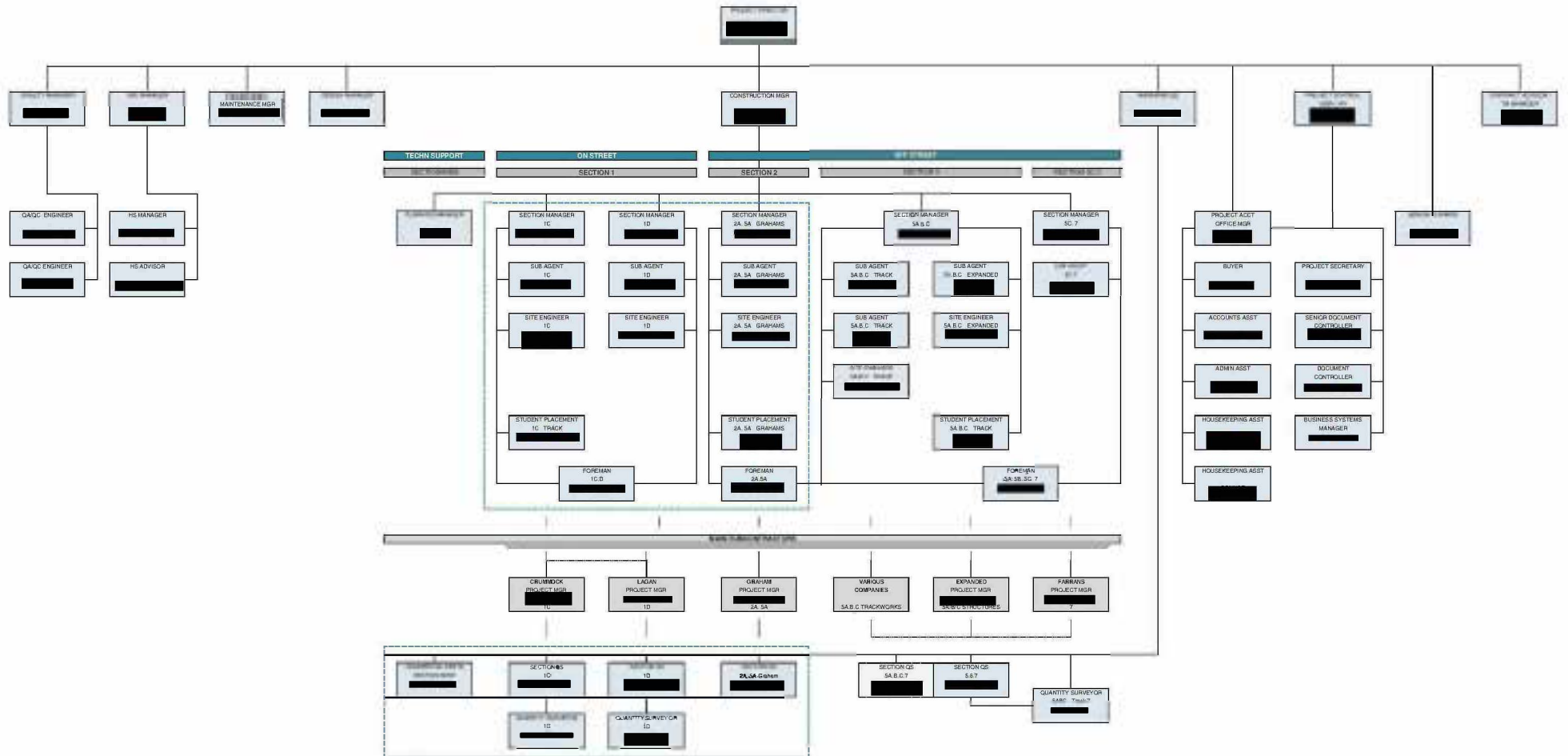
Total Cost without Prime Cost Sums			201,404,970	201,163,512			201,383,09						251,909,780	251,909,780	9,069,219		260,978,999	255,763,630			255,785,508		
Gross Margin				16,294,244			20,742,458						19,632,511	19,632,511	1,502,070.00		21,134,581	26,349,950			26,328,072		
Gross Margin in % of Performance				7.49 %			9.34 %						7.23 %	7.23 %	14.21 %		7.49 %	9.34 %			9.33 %		
Performance without Prime Cost Sums				217,457,756			222,125,550						271,542,291	271,542,291	10,571,289		282,113,580	282,113,580			282,113,580		
Actual Cost to date				201,404,970			201,404,970																
Gross Margin to date				16,052,786			20,720,580																
Gross Margin to date in % of Performance				7.38 %			9.33 %																
Performance Prime Cost Sums																							
Total Performance				217,457,756			222,125,550						271,542,291	271,542,291	10,571,289		282,113,580	282,113,580			282,113,580		
Revenue according WBS																							

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.1030, PFB = 1.0810)

Total Cost without Prime Cost Sums				201,163,512			201,383,09						251,909,780	251,909,780	9,069,219		260,978,999	255,763,630			255,785,508		
Gross Margin				16,294,244			20,742,458						19,632,511	19,632,511	1,502,070.00		21,134,581	26,349,950			26,328,072		
Gross Margin in % of Performance				7.49 %			9.34 %						7.23 %	7.23 %	14.21 %		7.49 %	9.34 %			9.33 %		
valued Performance without Prime Cost Sums				217,457,756			222,125,550						271,542,291	271,542,291	10,571,289		282,113,580	282,113,580			282,113,580		
Actual Cost to date				201,404,970			201,404,970																
Gross Margin to date				16,052,786.00			20,720,580																
Gross Margin to date in % of Performance				7.38 %			9.33 %																
Performance Prime Cost Sums (incl. valued performance)																							
Total Performance (incl. valued performance)				217,457,756			222,125,550						271,542,291	271,542,291	10,571,289		282,113,580	282,113,580			282,113,580		
Revenue according WBS (VO's valued)																							
Revenue according WBS (VO's valued by 100%)																							



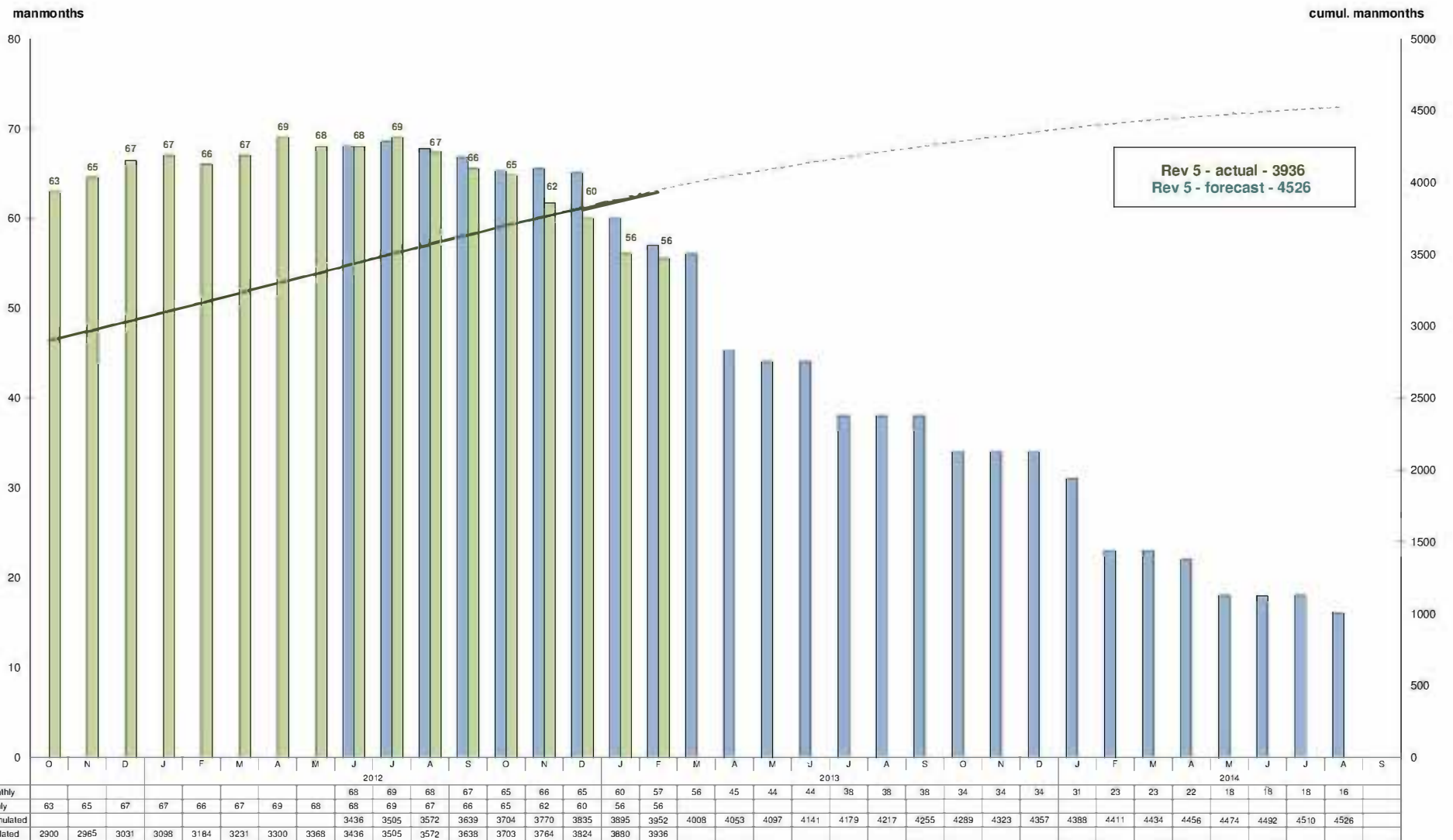
2.05 Organisation Chart



Based at Haymarket Office

**EDINBURGH TRAM NETWORK
 CIVIL WORKS TEAM**
 Rev61 01/02/2013

2.06 Staff Chart



2.08a Approved Change Orders

PME	PNC	ICO	BOT	Design	CMT	CMT2	Sub ID	Section / Activity	Description	Date Issued	IS	Revision	Job Estimate Budgets					Remarks		
													BOT	Design	Construction	Professional	Margin		Margin In %	
1	501	502		✓				1A	66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011		20,021.00		14,841.36		3,359.55	1,820.09	9.09%	
	502	508		✓				1A	66	New Footpath at Ocean Drive	26/10/2011		10,231.00		7,584.14		1,716.77	930.09	9.09%	
	503	515		✓				5C	63	OLE temporary works at Depot Access Bridge to allow finalisation without Edinburgh Gateway	01/12/2011		16,980.40			12,587.40	2,849.33	1,543.67	9.09%	
	504	506		✓				1C	66	Inclusion of Blenheim Place redesign (for TRQ) within Picardy Place redesign - instruction	26/10/2011		46,247.00		34,282.43		7,760.30	4,204.27	9.09%	
	505	513		✓	✓			1C	66.12	Design of York Place Terminal Point and new runtime modelling - incorporating New run time model based on York Place Terminal Agreement (was PMC 14)	29/11/2011		228,652.90		169,498.00		38,368.18	20,786.62	9.09%	
	506	503A		✓				1C	66	Princes St - new cycle way from The Mound into Princes Street	28/10/2011 30/01/2012		11,105.64		8,232.50		1,863.54	1,009.60	9.09%	
	507	504D		✓				1C	66	St Andrew Square Public Realm Design finalisation	19/01/2013		135,143.49		100,180.50		22,677.22	12,285.77	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 watermain at depot	28/02/2012		96,909.25			71,837.84	16,261.48	8,809.93	9.09%	
10	511	511		✓	✓			5C	66.63	Allow for storm water connection from Gogar Lodge to landowners new septic tank. CVI Ref BARR6/015	22/11/2011		5,760.46		3,440.00	822.76	964.93	522.77	9.09%	
12	512	505A		✓				1A	66	Incorporate AECOM design for Ocean Terminal Bypass Road	28/02/2012		53,695.15		39,796.26		9,008.43	4,880.47	9.09%	
13	508	507		✓				7A	66	New Road Safety Audit to achieve BAA/EAL approval	26/10/2011		10,025.00		7,431.43		1,682.21	911.36	9.09%	
15	513	526A		✓				SWON	66	Utility Conflict verification - design changes	20/02/2012		156,876.49		119,286.50		26,323.04	14,260.95	9.09%	
16	514	554		✓				SWON	15	Utility mapping	29/02/2012		92,756.07			69,759.13	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		2,896.00			2,220.90	502.73	272.35	9.09%	
19	524	586		✓	✓				62.66	NIL Design Finalisation	16/07/2012		40,559.19		3,784.50	33,850.62	6,805.89	3,687.20	9.09%	
20	539	529		✓				SW	SW	Programme Rev 3A/4	21/12/2011		2,851,900.00	2,356,942.15				484,957.85	17.36%	
21	541	511A		✓				1D	13	available BT Lines to avoid provision of direct FO link from Princes Street to	28/11/2012		4,535.57			3,362.17	761.07	412.32	9.09%	
22	529	524A		✓	✓			OH	66.7	Redesign Gogar Castle Access Road	17/01/2012		31,308.00		23,208.30		5,253.52	2,846.18	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		36,787.91			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			5,098.92	1,154.21	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%	
41	534	556		✓				5ABC	54	Scottish Power Insurance Ducts	01/05/2012		5,636.59			4,178.35	945.93	512.42	9.09%	
42	540	508A		✓	✓				54.66	Amendment to landscaping scope at plot 304 section 7	01/02/2012		-201,120.00		3,768.00	152,856.21	33,748.15	19,283.64	9.09%	
45	555,557,562	521C		✓	✓			OH	66	Siemens OLE design update	06/09/2012		111,042.66		82,314.72		18,633.06	10,094.78	9.09%	
46	566	535A		✓	✓			OH	66	On-Street design changes due to utilities conflicts	12/01/2012 01/05/2012		43,892.09		32,536.75		7,365.14	3,990.19	9.09%	
47	568	537A		✓	✓			OH	66	On-Street Design Changes due to trackwork conflicts	18/04/2012		8,605.61		6,379.25		1,444.03	782.33	9.09%	
48	563	516D		✓	✓			OH	66	SDS to provide services of Mail Fall	02/10/2012		143,184.99		106,141.58		24,026.59	13,016.82	9.09%	
50	567	536D		✓	✓			OH	66	On-Street drainage design changes due to utilities conflicts	18/01/2013		143,127.36		106,098.86		24,016.92	13,011.58	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	569	545		✓				OH	66	Detailed Design of York Place Terminal	03/02/2012		56,438.11		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		998.26	540.83	9.09%	
56	563	534		✓	✓			OH	66	On-Street design of circular pile caps	09/01/2012									Regulated under PMC 054
57	569	538		✓				OH	64	Running costs with the CEC office extension at Edinburgh Park	12/01/2012		79,220.00		68,886.96		3,131.22	7,201.82	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 28/05/2012		34,458.86		25,544.00		5,782.23	3,132.62	9.09%	

2.08a Approved Change Orders

PME	PNC	ICO	BOT	Design	CMT	CMT2	Task ID	Section / Activity	Description	Date Issued	ISS	Revision	Job Estimate Budgets					Remarks
													BOT	Design	Construction	Professional	Margin	
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	573B						1D 66	Hope Street reinstatement	11/10/2012		14,061.41	10,423.58	2,359.52	1,279.31	9.09%		
65	577	544A						2A 61	Omit construction of Haymarket Substation retaining wall and plinth	06/11/2012		-4,607.92		3,697.21	491.72	419.89	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	595	557A						1C 66	Amended Design on St. Andrew Square	20/09/2012		15,227.51	11,289.00	2,555.19	1,394.92	9.09%		
71	597	555B						SWON 66	Revised Salt Locations and new Salt Specification	13/09/2012		15,512.15	11,499.00	2,602.96	1,410.20	9.09%		
78	598	551						1D 21	Return of parking spaces Stafford Street	20/02/2012								
81	592	549						5A 61	Deleted Roseburn Viaduct Trespa cladding	09/02/2012		-308,004.00	280,003.64	0.00	28,000.36	9.09%		
83	589	552						62	Deletion of Airport Kiosk	29/02/2012		-150,000.00	135,363.64	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	Diversion of Scottish Power Cable	21/02/2013		2,428.20	1,800.00	407.45	220.75	9.09%		
89	601	560						5C 62/66	Shelters at Gogarburn Tramstop to be 8m length	15/03/2012 14/09/2012		27,862.60	2,671.00	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	09/05/2012		74,001.12	54,855.28	12,417.47	6,727.37	9.09%		
92	616	567						2A 61	Crew relief wall construction to close void beneath Haymarket Viaduct	09/05/2012		10,797.99	8,004.36	1,811.90	991.63	9.09%		
92	615	568A						2A 66	Design for crew relief wall construction to close void beneath Haymarket Viaduct	09/10/2012		1,800.12	1,408.54	318.94	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		-6,153.73	4,561.70	1,032.60	559.43	9.09%		
95	608	624						SW 54.6.16.2.63	Delete Requirements at all Tramstops for 110v socket for cleaning purposes (Off Street)	23/10/2012		-35,851.41	27,317.58	6,193.71	3,350.13	9.09%		
112	619	576						63	Alteration to 1900mm Diameter Manhole	19/05/2012		6,176.31	4,578.44	1,036.39	561.48	9.09%		
115	620	569A						66	Airport Tram Stop Design	27/09/2012		17,793.97	13,193.00	2,984.15	1,616.72	9.09%		
119	627	599						1D 66	St Johns Church deletion of pedestrian barrier	21/09/2012								
120	623	596						25	Gogar Depot Repair	28/09/2012		1,867.15	1,394.10	313.31	169.74	9.09%		
121	663	598						5C 63	Estimate for CEC for purchasing the existing heras fencing surrounding the Mini Test Track	16/07/2012		6,423.89	4,761.96	1,077.93	583.99	9.09%		
124	636A	579B						5C 54	Twin Crossings at Lochside Avenue	05/02/2014		29,051.92	21,535.89	4,874.94	2,641.08	9.09%		
139	669	622						7A 62	SGN Remedial works - Backfill at New Ingliston	18/12/2012		16,063.95	11,908.04	2,695.55	1,460.36	9.09%		
148	643	572B						5C 54.59.66	Edinburgh Gateway Works, Design & Construction	29/09/2012		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 carriageway reconstruction	09/01/2013		27,677.43	20,517.00	4,644.30	2,516.13	9.09%		
151	648	579						1CD 66	Design cabinet positions for street lighting Princes Street	19/06/2012								
153	651A	625						SW	Defer installation of Tramstop shelter and Fill Out	31/10/2012		TBC						
155	657	592A						1CD 66	As-Built Drawings Princes Street	11/10/2012		3,271.33	2,425.00	548.93	297.39	9.09%		
156	653	593						1C 66	DWG CAD Drawings Design York Place	22/06/2012		2,461.78	1,824.89	413.09	223.80	9.09%		
169	662	590A						7A 62	Topographical Survey	11/12/2012		2,586.95	1,917.68	434.09	235.18	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	859.68	9.09%		
171	668	595						1C 12	York Place, De-scope of Works	12/07/2012		-1,015,155.80	966,815.09		48,340.71	4.76%		
172	719	627						SW 66.7	Fare Collection Equipment	20/11/2012		13,709.99	10,163.00	0.00	2,300.53	1,246.35	9.09%	
173	666	593A						5A 61	ScottRail Pedestrian Access Gate	18/12/2012		4,905.64	3,636.50	823.17	445.97	9.09%		
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%		

2.08a Approved Change Orders

PME	PFC	ICD	BOT	Design	CMT	CMT2	Sub-Id	Section / Activity	Description	Date Issued	IS	Revision	Job Estimate Budgets					Remarks	
													BOT	Design	Construction	Professional	Margin		Margin in %
181	679	601A						63	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	2,098.75	1,137.03	9.09%			
195	684	621						25	Repairs to damaged utility cover slabs	23/10/2012		938.27	695.53	157.44	85.30	9.09%			
196	725	631A						ON 66	On Street Provision of DWG drawings - Drainage	18/02/2013		590.86	438.00	99.15	53.71	9.09%			
197	685	603A						1A 66	Design and As Built Information Lindsay Road	20/11/2012		7,080.34	5,256.00	1,189.77	644.68	9.09%			
199	690	606A						2A 61	Undertake re-ballasting works to the operational element of the West Shunt line within the Haymarket Depot	23/10/2012		76,413.21	56,644.38	12,822.23	6,946.66	9.09%			
203	664 750	59A 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	1,054.18	571.12	9.09%			
206	691	605						1C 66,1bc	Cathedral Lane, Tram Substation: Investigate and amend design of Cathedral Lane Retaining Wall	05/09/2012		45,568.93	33,779.71	7,646.50	4,142.62	9.09%			
207	672	608B						ON 66	Review and amend design for On Street Drainage	14/11/2012		17,980.33	13,328.64	3,017.12	1,634.68	9.09%			
208		620						SW	Cost Engineering in respect of the Programme	19/10/2012		3,162,987.12	2,614,038.94		548,948.18	17.36%			
212	704	612						1C 66	Carriageway Reconstruction - redesign of St Andrew Square	13/12/2012		9,206.93	6,825.00	1,544.93	836.99	9.09%			
213	689	609D						ON 66	Ons Street Road Sign Bases, Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (JPEZ's) - DESIGN	12/02/2013		67,929.14	50,355.18	11,398.58	6,175.38	9.09%			
214	683	604A						62	Trial hole to locate Scottish Water pipe at Gogarburn	22/01/2013		3,348.06	2,491.88	551.81	304.37	9.09%			
215	701	614						62,66	Reinstatement works at the Airport	26/09/2012		13,490.00	10,000.00	2,263.64	1,226.36	9.09%			
216	702	615A						62	Eastfield Avenue pedestrian crossing, provide and install STRAIL panels	19/01/2013		4,801.83	1,619.00	2,746.30	436.53	9.09%			
217	695	613						62	Tanker Access North of GCRC exit at Burnside Road, temp road surface and install kerbs at Edinburgh Airport	26/09/2012		TBC							
224		630						1C 12	Construction of Cathedral Lane Substation and Retaining Walls	27/11/2012		TBC							
228	713	639						2A 61	Haymarket W19 Network Rail Encroachment into LOD	09/02/2013		117,346.89	86,988.06	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 Wanderers Interface Detail	09/01/2013		34,762.03	25,768.74	5,833.11	3,160.18	9.09%			
232	714	640						5B 66	Edinburgh Park Central Lighting - Design	09/02/2013		3,464.23	2,568.00	0.00	581.30	314.93	9.09%		
235	724	629A						5A 66	Realignment of Scottish Water pipe at Murrayfield	12/02/2013		3,265.93	2,421.00	548.03	296.90	9.09%			
236	723	641						1CD 71	Road Safety Audit Princes Street	18/02/2013		674.50	500.00	113.18	51.32	9.09%			
243	726	637A						2A 61	Deletion of Murrayfield Thistle	04/02/2013		-6,120.10	4,900.00	663.73	556.37	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 Works transfer	21/01/2012		-37,859.94	28,072.53	6,354.60	3,442.71	9.09%			
260	741	647						SWON 15	Alteration to street lighting poles	07/02/2013		TBC							
261	744	638						5B 54	Drainage at Carnick Knowe Golf Course	09/02/2013		TBC							
262	736	642						1D 66	Amendment to road markings at Shandwick Place	05/02/2013		TBC							
264	742	644						5B 54	South Gyle Access Junction supplemented by Access	12/02/2013		TBC							
15	513	ICCO						1D 14	Utility Conflict Verification	28/02/2013		17,620.46	12,757.68	3,260.92	1,601.86	9.09%			
25	543	ICCO						1D 14	Utilities affecting the construction of CHLE foundations in Haymarket 'H1'	26/02/2013		267,862.91	186,699.57	47,721.26	23,442.08	9.09%			
28	521	ICCO						1D 14	Provide temporary accommodation and Welfare facilities	28/02/2013		1,579.75	1,143.78	292.36	143.61	9.09%			
35	547	ICCO						1D 14	Haymarket H1: Third Party affecting our ability to progress the works	28/02/2013		6,544.71	4,738.54	1,211.19	594.97	9.09%			
36	548	ICCO						1D 14	Haymarket H1: BT Fibre Optic Service required Diverted	28/02/2013		85,033.22	61,566.30	15,736.63	7,730.29	9.09%			
37	528	ICCO						1D 14	Haymarket 1 - SH Trench Excavation to Validate Utilities	28/02/2013		6,721.98	4,866.90	1,244.00	611.09	9.09%			
38	549	ICCO						PSCW 13	Move 3 No CLE's (St John's Church) to central reserve	28/02/2013		33,420.56	24,197.37	6,184.86	3,038.23	9.09%			

2.08a Approved Change Orders

PME	INC	ICD	BOT	Design	CMT	CMT2	Task ID	Section / Activity	Description	Date Issued	IS	Revision	Job Estimate Budgets					Risk ID
													BOT	Design	Construction	Professional	Margin	
40	536	ICCD					✓	PSOW	13	Scottish Water Diversion at Junction of Princes Street and South St David Street	28/02/2013	259,017.59		187,535.59	47,934.95	23,547.05	9.09%	
43	551	ICCD					✓	PSOW	13	Xmas Embargo detrob. and temp. reinstatement	28/02/2013	208,363.20		150,860.47	38,560.62	19,942.11	9.09%	
52	554	ICCD					✓	ICD	15	PMC 52 On Street Early Implementation of TM Phase 4 & 5	28/02/2013	290,430.35		210,279.26	53,748.34	26,402.75	9.09%	
55	564	ICCD					✓	ICD	15	Traffic Management Design	28/02/2013	9,640.53		6,980.00	1,784.12	876.41	9.09%	
68		ICCD					✓	1D	14	PMC 68: Utilities affecting ability to place system drainage	28/02/2013	42,882.60		31,048.14	7,936.05	3,898.42	9.09%	
69		ICCD					✓	1D	14	PMC 69: Geotextile Liner to Clifton Terrace Void	28/02/2013	1,802.13		1,304.79	333.51	163.83	9.09%	
72		ICCD					✓	1D	14	Shandwick place - CLE bases affecting utilities (Piling)	28/02/2013	288,239.18		208,692.79	53,342.83	26,203.56	9.09%	
77	583C	ICCD					✓	SW	12	Amend specification for on street setts	28/02/2013	105,003.90		76,025.60	19,432.49	9,545.91	9.09%	
79		ICCD					✓	1C	12	St Andrew Sq third party affecting our ability to progress the works	28/02/2013	387,149.31		280,306.34	71,647.58	35,195.39	9.09%	
87		ICCD					✓	1C	12	St Andrew Sq - CLE bases affecting utilities (Piling)	28/02/2013	38,445.61		27,835.68	7,114.93	3,495.06	9.09%	
88	584C	ICCD					✓	ICD	14	Residual Road Value Engineering	28/02/2013	123,759.47		89,605.13	22,903.48	11,250.86	9.09%	
97		ICCD					✓	1C	12	Floating Track Slab	28/02/2013							
99		ICCD					✓	1D	14	Utilities affecting the ability to progress track excavation Shandwick 1	28/02/2013	11,175.50		8,091.36	2,068.19	1,015.95	9.09%	
100		ICCD					✓	1D	14	Utilities affecting the ability to progress track excavation Shandwick 2	28/02/2013	9,810.89		7,103.34	1,815.65	891.90	9.09%	
101		ICCD					✓	1D	14	Third Parties affecting the ability to progress track excavation Shandwick 2	28/02/2013	7,331.65		5,308.31	1,356.93	666.51	9.09%	
103		ICCD					✓	1C	15	St Andrew Square Design, Enabling and Ongoing Maintenance of Temporary Bus Station	28/02/2013	8,097.10		6,586.54	1,683.55	827.01	9.09%	
104		ICCD					✓	SW	15	INC 614 Rathesay Place TM Amendment	28/02/2013	5,110.31		3,700.00	945.74	464.57	9.09%	
108		ICCD					✓	ICD	13	Reinstatement of Third Party Works/Lining - The Mound	28/02/2013	31,099.91		22,516.43	5,755.30	2,827.17	9.09%	
109		ICCD					✓	ICD	13	Re-proving and cleaning of Chambers / ducts	28/02/2013	23,630.78		17,109.31	4,373.22	2,148.25	9.09%	
110		ICCD					✓	ICD	13	Duct Chamber Bedding Detail Drawing Change	28/02/2013	9,650.90		6,987.51	1,786.04	877.35	9.09%	
126		ICCD					✓	1D	14	1D: Hand dig to expose utilities crossing inbound cut bank within S1 at Stafford Street and Lothian Road Junction for T T to action	28/02/2013	11,471.45		8,305.63	2,122.96	1,042.96	9.09%	
127		ICCD					✓	1D	14	1D - Utilities affecting ability to install System Ducting through S2. (South Duct Bank)	28/02/2013	17,696.21		12,912.57	3,274.95	1,608.75	9.09%	
128		ICCD					✓	1D	14	1D: Remove and Reinstall with Traps IMU and Track Drainage laid by other within H1	28/02/2013	4,789.24		3,467.54	886.32	435.39	9.09%	
129		ICCD					✓	1D	14	1D: Discovery of unsuitable material below formation of base 131204A within H2.	28/02/2013	4,633.51		3,354.83	857.51	421.23	9.09%	
130		ICCD					✓	1D	14	1D: Remedial works required on the partial return of H1 to infraco on 21 may 2012	28/02/2013	684.10		495.31	126.60	62.19	9.09%	
132		ICCD					✓	1D	14	1D: Transfer plant and materials back to H2 from S4 to recommence works to CHLE bases. Site vacated for T&T.	28/02/2013	1,087.63		787.47	201.28	98.98	9.09%	
133		ICCD					✓	1D	14	1D: Excavate Trial Holes in locations of tree pits through Shandwick S4 behind the existing stone wall to establish foundation depth.	28/02/2013	3,377.90		2,445.69	625.13	307.08	9.09%	
135		ICCD					✓	1D	14	1D: Remove and Reinstall with Traps IMU and Track Drainage laid by other within S1 (East End) and S2.	28/02/2013	9,259.19		6,703.90	1,713.55	841.74	9.09%	
137	637	ICCD					✓	1C	12		28/02/2013	5,336.95		3,864.09	987.68	485.18	9.09%	
144	638D	ICCD					✓	1C	15	York Place Closure: Design, Enabling and Ongoing Maintenance	28/02/2013	185,483.08		134,294.66	34,326.33	16,862.10	9.09%	
145	645	ICCD					✓	PSQW	13	Princes Street Outstanding Works	28/02/2013	193,653.99		140,210.54	35,838.45	17,604.90	9.09%	
157		ICCD					✓	1D	14	1D: Widening of track excavations due to installation of floating track slab within H3	28/02/2013	3,086.32		2,234.58	571.17	280.57	9.09%	
158		ICCD					✓	1D	14	1D: Remedial works on Handback of S1 & S3 including fencing, reinstatement of the formation and collapsed ducts.	28/02/2013	5,341.55		3,867.42	988.53	485.60	9.09%	
159		ICCD					✓	1D	14	1D: Exposing of the conflicting services and traction duct excavations in H1, H2 & H3	28/02/2013	14,018.40		10,150.42	2,594.49	1,274.49	9.09%	
160		ICCD					✓	1D	14	1D Utilities are affecting the working space to all CHLE bases within H2 impacting on formwork and reinforcement	28/02/2013	3,099.97		2,244.46	573.69	281.82	9.09%	
161		ICCD					✓	PSOW	13	PSOW Remedial works to Traffic Signal works	28/02/2013	5,666.40		4,102.62	1,048.65	515.13	9.09%	
162		ICCD					✓	PSOW	13	PSOW: Watermain Ducting	28/02/2013	13,811.65		10,000.00	2,556.05	1,255.60	9.09%	
163		ICCD					✓	PSOW	13	PSOW: Additional CLE Remedials	28/02/2013	3,401.67		2,462.90	629.53	309.24	9.09%	

2.08a Approved Change Orders

PME	INC	ICCO	BOT	Design	CMT	CMTS	Sub-Id	Section / Activity	Description	Date Issued	ISS	Revision	Job Estimate Budgets					Remarks	
													BOT	Design	Construction	Professional	Margin		Margin in %
164		ICCO					✓	PSOW 13	PSOW - Traffic signal ducting works - drawing change	28/02/2013		2,941.30	2,129.58	544.33	267.39	9.09%			
165		ICCO					✓	PSOW 13	PSOW: Tram Stop Additional Works	28/02/2013		16,908.82	12,242.43	3,129.22	1,537.17	9.09%			
166		ICCO					✓	PSOW 13	Water Valve	28/02/2013		461.86	334.40	85.47	41.99	9.09%			
167		ICCO					✓	ID 14	ID: Additional TM Requirements at Canning Street/Shandwick Place Junction as CEC Instruction	28/02/2013		1,159.86	899.77	214.65	105.44	9.09%			
176		ICCO					✓	SW 15	INC 660 Princes St TM	28/02/2013		4,143.50	3,000.00	766.81	376.68	9.09%			
179		ICCO					✓		Revised scope for street lighting, road signs & traffic signals	28/02/2013		5,111.50	3,700.86	945.56	464.68	9.09%			
180		ICCO					✓	ID 15	Review of single bus lane running west to east through Coates Crescent on to Princes Street via Shandwick Place	28/02/2013		1,940.54	1,406.00	359.12	176.41	9.09%			
182		ICCO					✓	1C 15	Temporary Traffic Management to retain existing access to Bus Station on Elder Street TNC 678 & TNC 678A	28/02/2013		17,285.28	12,515.00	3,198.89	1,571.39	9.09%			
184		ICCO					✓	1C 15	Removal of temporary traffic management from Princes Street between Waverley Bridge and South St Andrew Street (the partial plug), TNC 665	28/02/2013		4,954.93	3,597.50	916.98	450.45	9.09%			
187		ICCO					✓	ID 14	Remediate on handback to H1.2.3	28/02/2013		8,519.21	6,168.18	1,576.61	774.48	9.09%			
189		ICCO					✓	ID 14	OLE 131.128A fill below formation	28/02/2013		8,461.68	6,126.48	1,565.36	769.24	9.09%			
190		ICCO					✓	PSOW 13	PN 43 investigation	28/02/2013		1,012.49	733.07	187.38	92.04	9.09%			
191		ICCO					✓	ID 14	Contaminated Material in SP4	28/02/2013		63,089.32	45,677.61	11,675.40	5,735.30	9.09%			
193		ICCO					✓	ID 14	Placement and removal of material between trackstab in SP2 & SP6	28/02/2013		1,979.99	1,433.49	366.41	179.99	9.09%			
205		ICCO					✓	ID 14	Shandwick Place, additional kerbing and footpath reinstatement	28/02/2013		27,163.51	19,667.10	5,027.00	2,469.41	9.09%			
206		ICCO					✓	1C 12	Cathedral Lane Substation Investigation Works	28/02/2013		130,171.50	94,247.61	24,090.12	11,833.77	9.09%			
218		ICCO					✓	SW 15	INC 699 Ped Walkway Dalry Road	28/02/2013		3,690.47	2,672.00	682.98	335.50	9.09%			
220		ICCO					✓	1C 12	Additional Central Reserve Works	28/02/2013		6,417.57	4,646.49	1,187.66	593.42	9.09%			
221		ICCO					✓		Remedial Works to OLE foundations Clifton Terrace	28/02/2013		1,704.23	1,233.91	315.39	154.99	9.09%			
222		ICCO					✓	SW 15	INC 707A TM Apple Store Site	28/02/2013		2,071.75	1,500.00	393.41	188.34	9.09%			
225		ICCO					✓	ID 14	Hope Street construction	28/02/2013		7,700.77	5,575.56	1,425.14	700.07	9.09%			
227		ICCO					✓	1C 12	York Place Hoarding Design	28/02/2013		2,432.01	1,760.84	450.08	221.09	9.09%			
237		ICCO					✓	1CD 15	Tracking and Modelling CEC request	28/02/2013		6,166.90	4,465.00	1,141.27	560.63	9.09%			
238		ICCO					✓	1C 12	Making Manhole shutters and enrobbed	28/02/2013		6,667.35	4,827.34	1,233.89	606.12	9.09%			
239		ICCO					✓	1C 12	IC3 Rescope of De-scope Ducting	28/02/2013		6,013.16	4,353.68	1,112.82	546.65	9.09%			
240		ICCO					✓	1C 12	Additional Kerb cast for supply as new	28/02/2013		50,681.17	36,694.51	9,379.28	4,607.38	9.09%			
245		ICCO					✓	ID 15	Pedestrian management during Christmas Shutdown	28/02/2013		18,615.85	13,478.37	3,445.13	1,692.35	9.09%			
246		ICCO					✓		Princes St/South St Andrew St - Traffic Light Alterations	28/02/2013		2,237.49	1,620.00	414.08	203.41	9.09%			
251		ICCO					✓	ID 14	Queensferry Street / Lothian Road junctions	28/02/2013		9,157.34	6,630.16	1,694.70	832.49	9.09%			
256		ICCO					✓		Haymarket Island - amend levels	28/02/2013		2,574.09	1,863.71	476.37	234.01	9.09%			
										TOTALS		10,571,289.36	4,970,981.09	1,481,314.00	1,160,273.40	1,456,650.28	1,502,070.60	14.21%	

9,069,218.76

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	
80	560				1C	Omission of works to North / South and West of St. Andrew's Square (Siemens Reference SV-0208)	13/02/2012	2,094,258	1,361,267	942,416	2,094,258		
102	612 A				SW	Tramstop, Branding Changes - On-Street	26/04/2012						
105	617 A				SW	Tram Stops, Branding Changes - Off-Street	26/04/2012						
186	628				SW	Update Utility Drawings to reflect MUDFA contractors work	15/08/2012						
226	696					Carry out surveys to locate SGN Gas Main and provide as built drawings	12/10/2012	3,414	2,219	1,536	3,414		
253	732				2A	Rosaburn Street pavement construction	22/01/2013						
254					5A	Additional retaining measures due to Network Rail infrastructure amendments.	28/01/2013	326,489	212,218	146,920	326,489		
259	759				7A	Regrading and surfacing works at Eastfield Avenue pedestrian crossing tie-ins.	15/02/2013	23,345	15,174	10,505	23,345		
267	752				5C	Installation of handrail at Gogarburn Tramstop	22/02/2013						
TOTALS								1,741,009	1,131,656	783,454	1,741,009		
											Under preparation		
											maximum potential of changes	1,741,009.40	

Project: **Edinburgh Tram Network**

as per: **28/02/2013**



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										0			
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	11,276,883	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
55	MONTH	12,918,631	62	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	63	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	64	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	65	5,840,099	5,567,133	-272,965	0	0	0	5,567,133	06/02/2013	06/02/2013	9,700,775
Feb-13	ACCUM.	222,125,550		257,890,385	257,380,425	-509,960				257,380,425			257,380,425
												257,380,425	

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 12/09 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 13/01 Crummock 5B	06/02/2013	2	1	50%	0 no. Observation/Suggestion for improvement
ETN QA 13/03 P91	27/02/2013	0	0	N/A	8 no. Observation/Suggestion for improvement
ETN QA 13/04 P22	27/02/2013	0	0	N/A	2 no. Observation/Suggestion for improvement
ETN QA 13/05 P75	28/02/2013	0	0	N/A	0 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

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, York Pl	65	21	31	48%	46	3	35	0	76%
1D	62	15	50	81%	43	0	25	1	58%
2	33	14	24	73%	118	3	110	3	93%
5A	121	56	61	50%	52	5	36	4	69%
5B	118	48	75	64%	88	2	39	2	44%
5C	59	29	43	73%	72	1	45	0	63%
6	36	0	36	100%	125	0	124	0	99%
7	179	14	178	99%	73	1	66	2	90%
System NCRs (non-audit)					626	15	488	12	78%
Cancelled					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. The compilation of Inspection and Test Records for section B handover from Farrans is nearing completion. Inspection and Test Records are also being received from other contractors as works progress. 1 no subcontractor audit was carried out in the period. 2 no minor NCRs were raised. 3 no procedural audits were also carried out in the period. No NCRs were raised. The Client (T&T) has carried out audits on elements of the Quality Management System. Formal reports are still awaited.

Project: **Edinburgh Tram Network**

as per: **28/02/2013**



2.12 Safety Information System - SIS

Bilfinger Construction⁵ - Monthly Safety Report

Month	Feb-13		Prepared by	[REDACTED]			Contact phone or email.	[REDACTED]@bilfinger.co.uk
Site or office and Unit ⁵	Bilfinger CO¹ Managers, Supervisors, Foremen	Bilfinger CO¹ workers	JV people under Bilfinger CO control	Sub-contractors³	Agency / hired people / Bilfinger SE workers eg BIS	Total	Others, eg public	
Number	55		43	349		447		
Hours ²	9128		6552	65892		81572		
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						0		
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				1		1		
Environment Ecology / Pollution						0		
Not work related eg flood, bomb scare						0		
Near misses, hazards reported						0		
Details of this month's 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 ⁴	Cal days lost this month. Max 30	
<p>1. Average number of Bilfinger CO staff or site workers during the month.</p> <p>2. Hours should be included if known. Do not leave boxes blank eg make an estimate or multiply number of staff by monthly hours worked eg x 200</p> <p>3. Subcontractor numbers should be estimated if no exact figure known. Average part time workers over month eg 10 workers for half a month = 5.</p> <p>4. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known</p> <p>5. These are summary 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</p> <p>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</p> <p>*Definition for a 3D+ accident includes weekends but not day of accident. You should check if man is <u>available</u> or fit for work during a weekend, then it may not be a 3Day+</p>								

2.13 Project Photographs

Picture 01

Section 1C

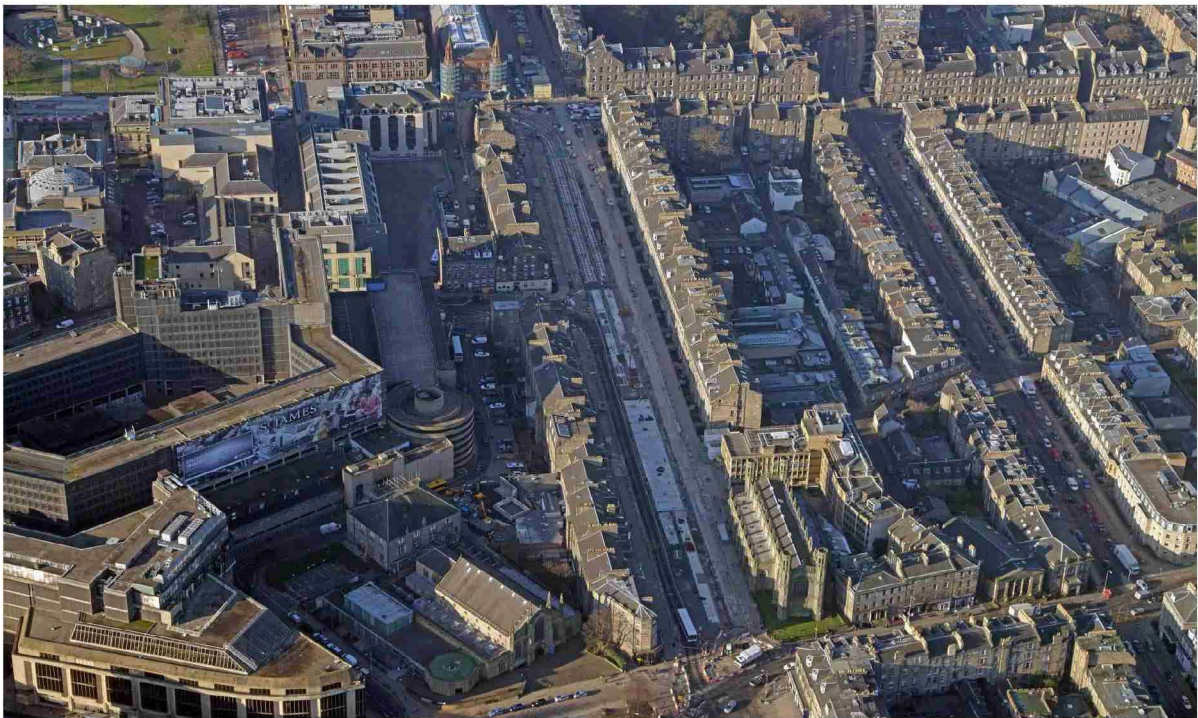
York Place



Picture 02

Section 1C

York Place



2.13 Project Photographs

Picture 03

Section 1D

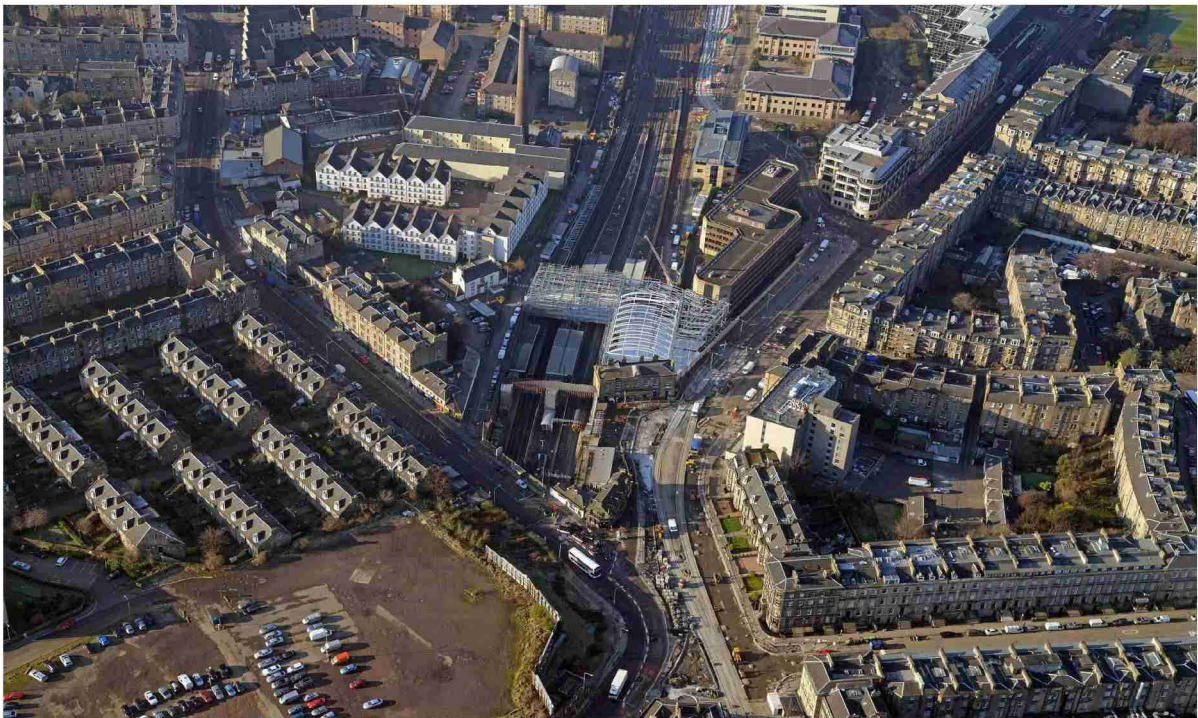
Shandwick Place



Picture 04

Section 2A

Haymarket



2.13 Project Photographs

Picture 04

Section 5A

Murrayfield



Picture 05

Section 5A

Water of Leith Bridge



2.13 Project Photographs

Picture 06

Section 5A

Balgreen Bridges



Picture 07

Section 5A

Balgreen Bridges



2.13 Project Photographs

Picture 08

Section 5B

Carrick Knowe Bridge



Picture 09

Section 5B

Bankhead Tramstop



2.13 Project Photographs

Picture 10

Section 5B

South Gyle Access Bridge



Picture 11

Section 5B

Track to Edinburgh Park



2.13 Project Photographs

Picture 12

Section 5C

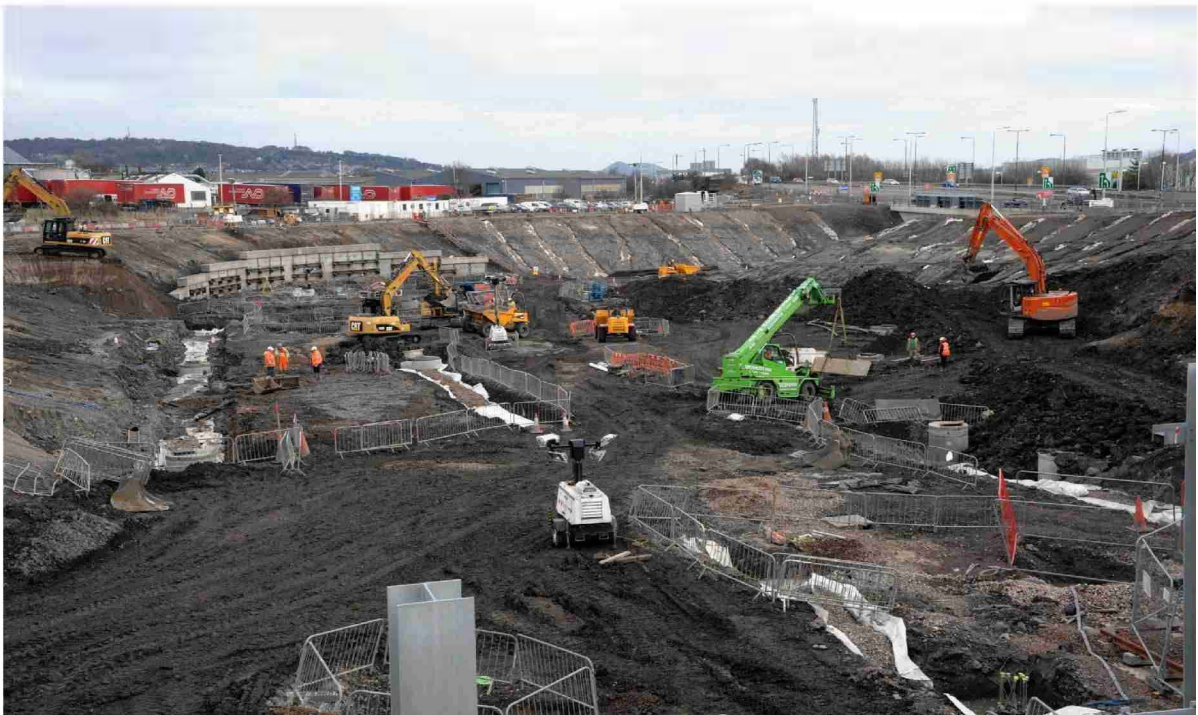
Edinburgh Gateway



Picture 13

Section 5C

Edinburgh Gateway

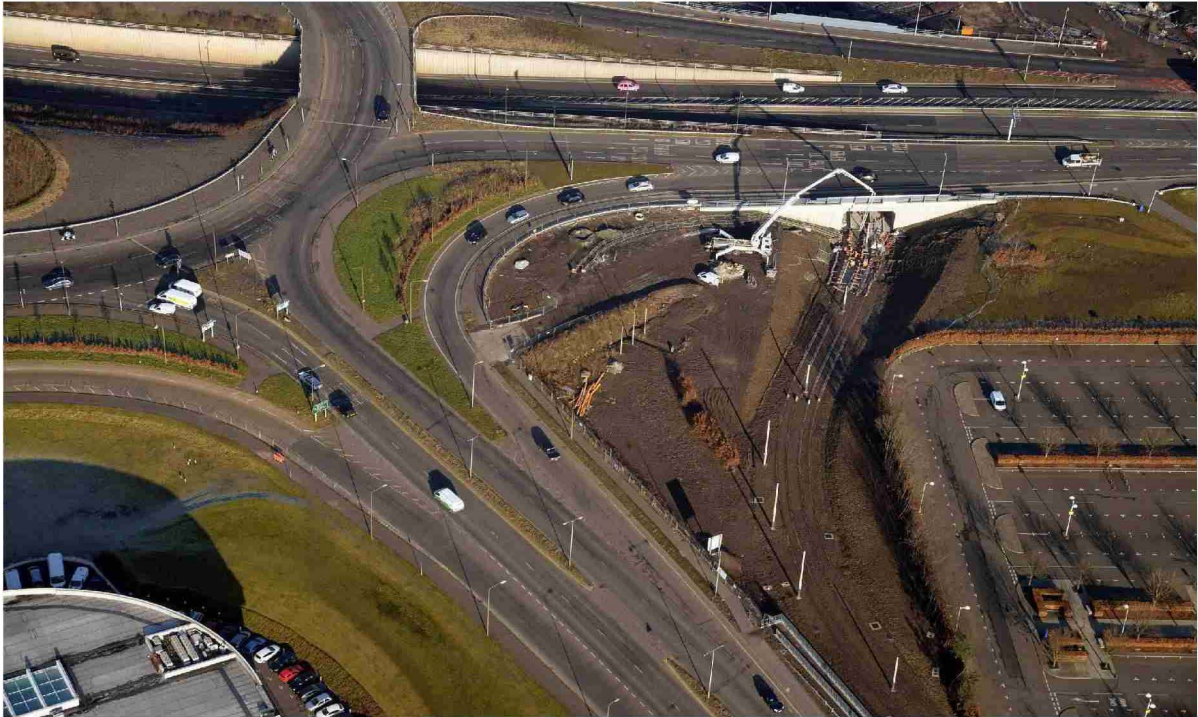


2.13 Project Photographs

Picture 14

Section 5C

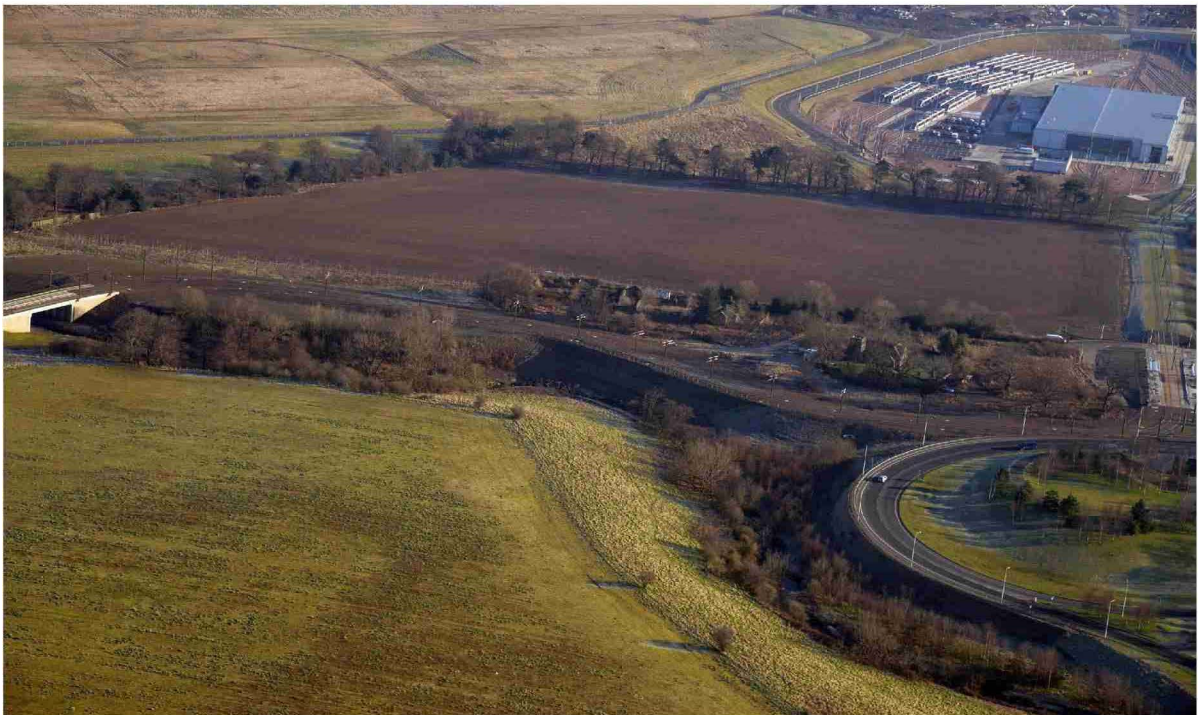
A8 Underpass



Picture 15

Section 5C/6/7

Depot to Gogarburn Bridge

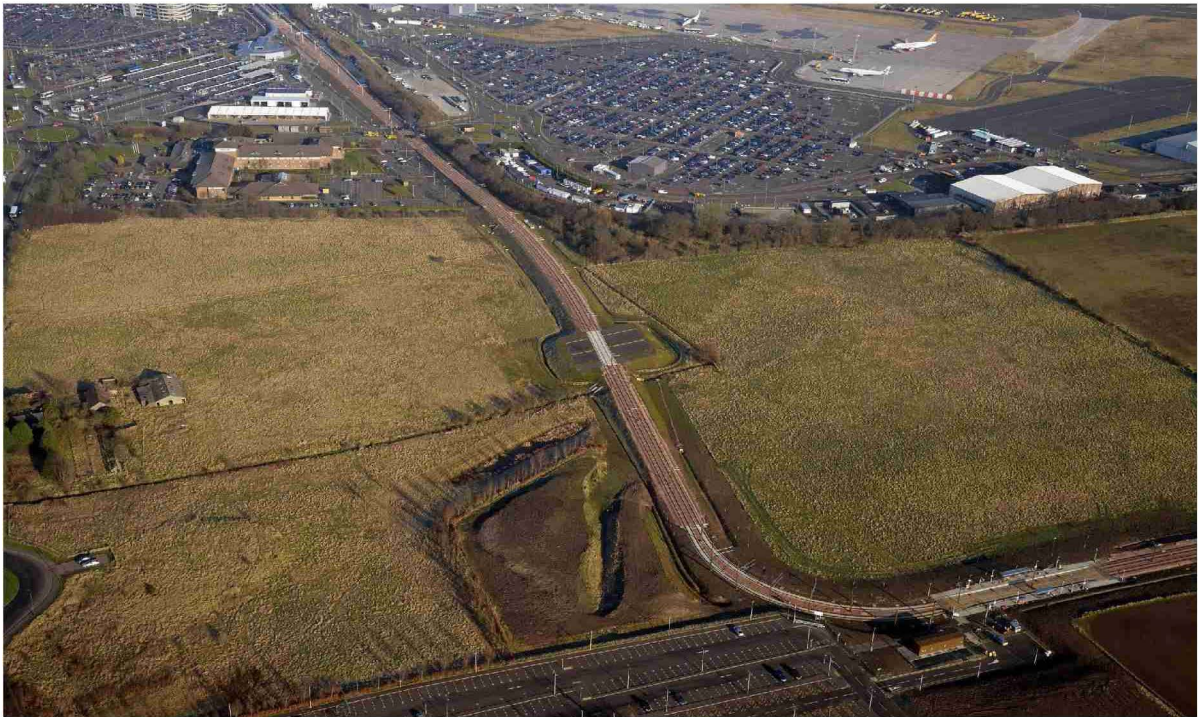


2.13 Project Photographs

Picture 16

Section 7

Ingliston P&R Tram Stop / Future Crossing



Picture 17

Section 7

Airport Tram Stop



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