



EDINBURGH TRAM NETWORK

Monthly Project Report July 2013



Monthly Report Major Projects

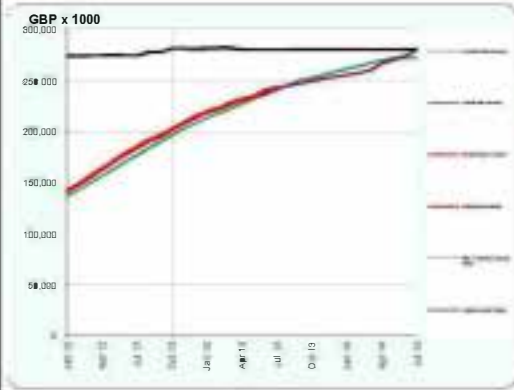
Project: Edinburgh Tram Network

Reporting Period: July 2013

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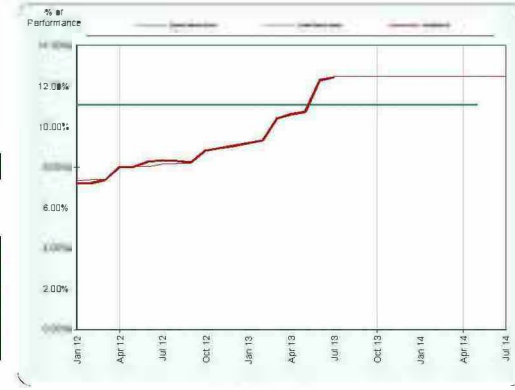
1.01 Project Overview Charts



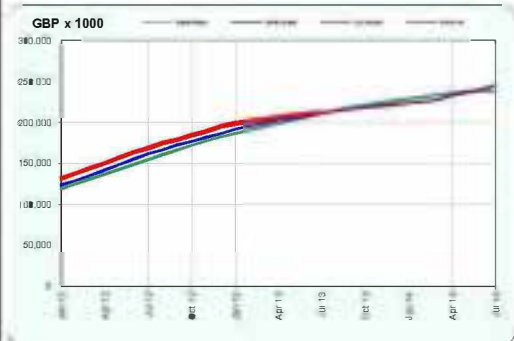
Performance

	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		279,914		
Claims / Variations approved				8,372		
Claims / Variations not approved				538		
Performance		240,855	242,203	242,661	100.2%	green
Actual Cost to Date				212,517	100.0%	green
Result	11.07%	7.23%	12.45%	12.42%	5.2%	green
Payment Status		240,855	271,384	271,535	100.1%	green
Av.Perf/mth: Rem. & act 3mth			1,164	3,895		green

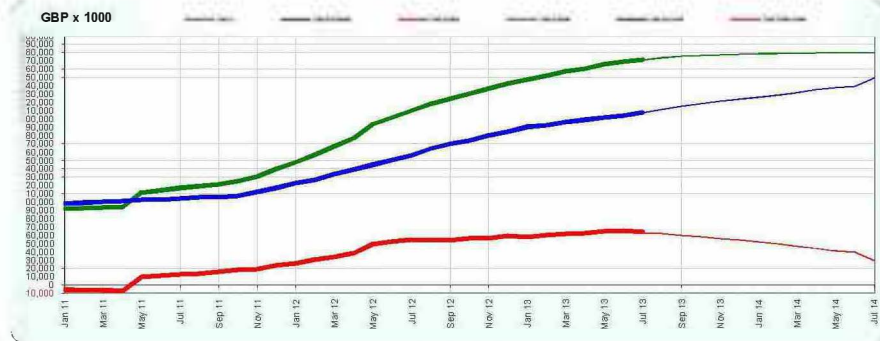
Project Key Figures



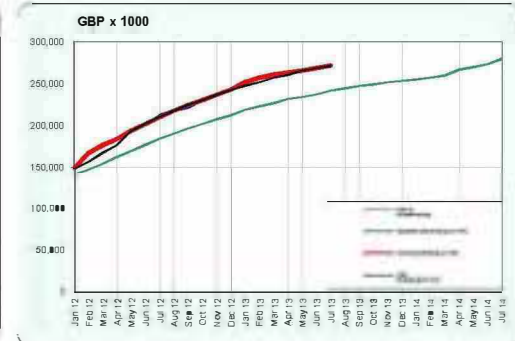
Project Result



Project Cost



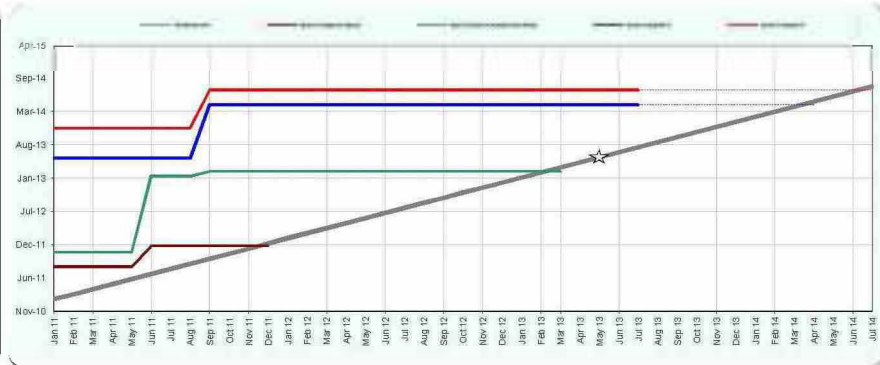
Cashflow



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:	£2,603,395
Planned performance:	<u>£2,145,000</u>
Variance:	£458,395

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:	£30,144,950	or	12.42%
Forecast/planned result:	£34,849,297	or	12.45%
Weighted margin out of R&O:	£36,651,599	or	13.09%

1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£271,535,490
Paid net from the client:	<u>£271,535,490</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:	£272,525,897	(incl. interest income)
Cash out net:	£207,955,144	
Cash balance net:	£64,570,753	

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

1.3.1	Short note on progress, events this month		
	<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 July 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 July 7 new, revised and further works on On-Street changes were issued. The Variation Order value increased by £257,127 to £8,371,553 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		
	<p>Several changes have been notified (see list "2.08b Unapproved Changes").</p>		


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	62.5 month	62.5 month	84.8 %								
Rate of Exchange Top Sheet:	1 GBP =	1.11 EUR	Actual: 1.15 EUR	Performance to date	242,661,495 GBP		86.7 %								
2. Total Contract Value				Date of Contract	Total Previous Month	July 2013	Total Reporting Month								
Contract Value with Client (Rev 4 evaluation)				271,542,291 (incl. SDS NovaAgree)	100.00%	279,656,717	103.0%	257,127	279,913,844	103.1%					
Contract Value with 3rd Parties (without interest)						0	0.0%	0	0	0.0%					
					279,656,717	103.0%	257,127	279,913,844	103.1%						
3. Claims and Variations				Total Previous Month	July 2013	Total Reporting Month									
Claims and Variations approved				8,114,426	3.0%	257,127	8,371,553	3.1%							
Claims and Variations submitted but not approved yet				535,600	0.2%	1,926	637,626	0.2%							
Claims and Variations under preparation				0	0.0%	0	0	0.0%							
4a. Performance				Total Previous Month	July 2013	Total Reporting Month									
Performance for Actual Contract Value with Client				240,058,100	85.84%	2,603,395	242,661,495	86.69%							
Performance for 3rd Parties (without interest)					0.00%	0	0	0.00%							
Total Performance to Date				240,058,100	85.84%	2,603,395	242,661,495	86.69%							
Remaining Performance to Date				39,598,617	14.16%		37,252,349	13.31%							
Actual Planned Performance (Planned Performance per report date - Performance Last Month)				240,058,100	85.84%	2,145,000	242,203,100	86.53%							
4b. Cost				Total Previous Month	July 2013	Total Reporting Month									
Actual Cost at Reporting Date				210,550,889	75.29%	1,965,656	212,516,545	75.92%							
5. Result				Date of Contract	Total Previous Month	July 2013	Total Reporting Month								
Planned Result for Contract with Client (revised evaluation)				19,632,508	7.23%	34,419,572	12.31%	429,725	34,849,297	12.45%					
Actual Result at Reporting Date						29,507,211	12.29%	637,739	30,144,950	12.42%					
Forecast Result at the End of Contract						34,419,572	12.31%	429,725	34,849,297	12.45%					
Weighted Result at the End of Contract (Likely Case)						36,221,874	12.95%	429,725	36,651,599	13.09%					
6. Invoices, Payment and Bank account				Total Previous Month	July 2013	Total Reporting Month									
Application to the client - excl. VAT				incl. Ret. Money	0	0.00%	269,151,084	96.24%	2,643,888	271,794,972	97.10%				
Certified by the client (invoice) - excl. VAT				incl. Ret. Money	0	0.00%	268,951,900	96.17%	2,583,590	271,535,490	97.01%				
Cash in from the client - excl. VAT				excl. Ret. Money	0	0.00%	268,951,900	96.17%	2,583,590	271,535,490	97.01%				
Cash in from 3rd Parties - excl. VAT						0	0.00%	0	0	0.00%					
Interest income						985,485	0.41%	4,922	990,407	0.41%					
Cash out (excl. VAT)						204,088,027	72.98%	3,867,117	207,955,144	74.29%					
Net Liquidity				credittline	0	0%	65,849,358	23.55%	-1,278,605	64,570,753	23.07%				
7. Subcontractor Work (incl. Design)				Total Previous Month	July 2013	Total Reporting Month									
Total Portion of Subcontractor Budget (first evaluation)				186,628,491 (incl. SDS)	68.73%	189,201,444	67.65%	192,127	189,393,571	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				Actual / Forecast					Yearly Forecast				
		2008	2009	2010	2011	2008-2010		2011	2012	2013	2014	Performance and Result in 2008-2010			
Jan			1,706	2,786	2,346		1,573	5,817	4,419	2,012		Performance	100,868,316	36.0%	
Feb			2,526	4,026	2,026		815	6,518	3,239	2,005		Result	118,099	0.12%	
Mrz			3,526	5,026	2,526		788	7,419	5,507	2,578		Performance and Result in 2011			
Apr			4,526	5,276	2,526	2008	12,940	1,424	7,646	3,345	6,997	Performance	38,119,425	12.5%	
Mai	855		5,776	6,026	2,526		1,574	7,266	2,427	3,016	Result	9,866,016	28.15%		
Jun	1,355		5,776	6,526	1,026	2009	37,734	2,056	7,720	6,654	3,692	Performance and Result in 2012			
Jul	2,375		5,776	6,526	1,026		1,937	5,930	2,603	6,273	Performance	78,460,136	28.0%		
Aug	2,855		6,026	6,526			1,355	6,583	2,159		Result	6,483,606	12.05%		
Sep	3,055		4,626	6,526		2010	7,192	4,118	2,268		Performance and Result in 2013				
Ok1	2,855		4,026	6,526			50,195	4,827	7,159	2,188	Performance	36,872,297	13.9%		
Nov	1,535		2,526	5,026			5,712	5,760	2,537		Result	12,083,963	31.09%		
Dez	1,446		1,866	1,706			5,867	6,545	1,527		Performance and Result in 2014				
Total		16,334	48,678	62,498	13,999		100,868	35,119	78,480	38,872	26,574	Performance	270,913,844	100.0%	
		Linear Calculation				total: 279,914					Result			3,206,412	12.45%
											Total Performance and Result				
											Performance			270,913,844	100.0%
											Result			34,849,297	12.45%
Edinburgh, 09/08/2013						Edinburgh, 09/08/2013									
Place and Date		M. Forster, Project Director				Place and Date					C Gebauer, 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	279,914	279,914	279,914	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-245,065	-245,065	-245,065
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	0	0	0
5.3					5.3	Interest Income	41	20	0
5.4					5.4	Saving on S/C Allowances	749	0	0
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	3,822	1,802	1,370
6 =1*3+4+5	Forecast Final Revenue	279,914	279,914	279,914	6 =1*3+4+5	Forecast Final Costs	-241,242	-243,262	-243,695

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	279,914		
	Costs	-241,242		
	Result	38,672		
% Gross Margin based on Revenue Best Case	Revenue: 279,914	13.82%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		279,914	
	Costs		-243,262	
	Result		36,652	
% Gross Margin based on Revenue Likely Case	Revenue: 279,914		13.09%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			279,914
	Costs			-243,695
	Result			36,219
% Gross Margin based on Revenue Worst Case	Revenue: 279,914			12.94%
Gross Margin previous month (most likely case)		13.67%	12.95%	12.80%

	Project: Edinburgh Tram Network as per: 31/07/2013	 BILFINGER <small>Bilfinger Construction GmbH</small>
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001JE61 Edinburgh Tram Network 2013-07
Reporting Month: 63. Report Period, 31/07/2013

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 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
Evaluation with Activity Model: Rev.7_20120331																							
25.1.201.12	SECTION 1C	6,046,097	944,166	6,990,263	6,973,434	0	-16,829	6,973,434	-16,829	645,039	0	-645,039	9,613,737	9,613,737	-2,022,869	0	7,590,868	7,386,891	94.40%	413,45	7,403,720	187,148	-17,827
25.1.201.13	Princes Street (outstanding ...	1,545,451	164,686	1,710,137	1,643,215	0	-66,922	1,698,421	-11,716	-4,284	0	4,284	1,162,259	1,162,259	583,500	0	1,745,761	1,743,762	97.40%	45,341	1,755,478	-9,716	-68,708
25.1.201.14	SECTION 1D	8,758,887	765,027	9,523,914	9,501,317	0	-22,597	9,501,317	-22,597	411,616	0	-411,616	10,028,527	10,028,527	376,404	0	10,404,931	10,583,493	89.77%	1,082,176	10,606,090	-201,159	-25,172
25.1.201.15	SECTION 1CD - SITE WIDE	4,235,462	327,417	4,562,879	4,544,203	0	-18,676	4,544,203	-18,676	227,496	0	-227,496	5,916,403	5,916,403	1,007,750	0	6,924,155	6,447,841	70.48%	1,903,638	6,466,51	457,638	-26,498
1.1	CONSTRUCTION ON-STREET rev ...	20,585,897	2,201,296	22,787,193	22,662,169	0	-125,024	22,717,375	-69,818	1,279,867	0	-1,279,867	26,720,926	26,720,926	-55,210	0	26,665,716	26,161,987	86.83%	3,444,61	26,231,805	433,911	-138,206
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	566,937	21,748	21,748
25.1.201.45	Section 1CD	3,257,253	50,233	3,307,486	3,313,571	0	6,085	3,313,571	6,085	471	0	-471	3,810,714	3,810,714	5,201	0	3,815,916	3,365,916	98.44%	52,345	3,359,831	456,085	6,181
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,225	0	0	12,083,223	0	0	0	0	12,083,225	12,083,225	0	0	12,083,225	12,083,223	100.00%	0	12,083,223	0	0
1.2	CONSTRUCTION ON-STREET origi...	19,269,875	50,233	19,320,108	19,356,834	0	36,726	19,326,193	6,085	471	0	-471	22,074,886	22,074,886	-2,215,70	0	19,859,179	19,378,538	99.73%	52,345	19,372,453	486,726	36,822
25.1.201.54	SECTION 5ABC- Trackworks	17,467,827	689,303	18,157,130	16,664,019	0	-1,493,111	18,139,148	-17,984	85,865	0	-85,865	18,185,633	18,185,633	2,458,663	0	20,644,296	19,937,067	90.98%	1,797,921	19,955,051	689,245	-1,641,142
25.1.201.58	SECTION 5ABC- Structures	36,250,169	21,280	36,271,449	36,259,913	0	-11,536	36,259,913	-11,536	106,876	0	-106,876	40,384,415	40,384,415	116,945	0	40,501,360	38,195,111	94.93%	1,935,198	38,206,64	2,294,713	-12,152
25.1.201.61	SECTION 2	25,816,875	188,123	26,004,998	26,017,987	0	12,989	25,982,070	-22,928	148,600	0	-148,600	25,928,810	25,928,810	7,51	0	25,936,32	26,570,026	97.79%	587,956	26,592,954	-656,627	13,283
25.1.201.62	SECTION 7	17,334,220	42,764	17,376,984	17,381,118	0	4,134	17,381,118	4,134	640	0	-640	17,060,851	17,060,851	464,178	0	17,525,029	17,601,393	98.75%	220,275	17,597,259	-72,230	4,186
25.1.201.63	SECTION 6	17,887,355	0	17,887,355	17,585,111	0	-302,244	17,887,355	0	-122,370	0	122,370	17,583,988	17,583,988	126,448	0	17,710,436	17,887,355	100.00%	0	17,887,355	-176,919	-302,244
1.3	CONSTRUCTION OFF-STREET	114,756,446	941,470	115,697,916	113,908,148	0	-1,789,768	115,648,602	-48,314	219,611	0	-219,611	119,143,697	119,143,697	3,173,751	0	122,317,448	120,190,952	96.22%	4,541,350	120,239,268	2,078,182	-1,938,069
25.1.201.21	TTM	3,414,716	36,023	3,450,739	3,511,452	0	60,711	3,487,551	36,812	-511	0	511	4,258,521	4,258,521	138,696	0	4,397,217	4,397,217	79.31%	909,666	4,360,405	36,812	76,552
25.1.201.25	Advanced Maintenance	93,247	0	93,247	85,695	0	-7,552	85,695	-7,552	3,873	0	-3,873	0	0	202,080	0	202,080	202,080	42.41%	116,385	209,631	-7,552	-17,807
1.4	SECTION 4VIDE	3,507,963	36,023	3,543,986	3,597,147	0	53,161	3,573,248	29,260	3,362	0	-3,362	4,258,521	4,258,521	340,776	0	4,599,297	4,599,297	77.69%	1,026,051	4,570,037	29,260	58,744
	DIRECT JOB COSTS	158,120,181	3,229,022	161,349,203	159,524,298	0	-1,824,905	161,266,416	-82,78	1,503,311	0	-1,503,311	172,198,030	172,198,030	1,243,610	0	173,441,640	170,330,774	94.68%	9,064,358	170,413,561	3,028,079	-1,980,709
25.1.201.42	HAYMARKET OFFICE	596,882	-7,113	589,769	614,380	0	24,611	598,479	8,710	10,530	0	-10,530	1,030,622	1,030,622	264,808	0	1,295,430	1,060,744	56.42%	462,265	1,052,034	243,396	43,621
25.1.201.53	EDINBURGH PARK STORAGE	1,472,249	-1,231	1,471,018	1,474,462	0	3,444	1,474,462	3,444	3,578	0	-3,578	1,716,758	1,716,758	0	0	1,716,758	1,716,758	85.89%	242,296	1,713,311	3,444	4,010
25.1.201.64	CONSORTIUM OFFICE	4,393,646	28,412	4,422,058	4,435,408	0	13,348	4,435,408	13,348	48,952	0	-48,952	6,259,214	6,259,214	2,143,178	0	8,402,392	6,907,532	64.21%	2,472,126	6,894,184	1,508,208	20,788
25.1.201.65	STAFF	24,675,564	37,819	24,713,383	24,777,440	0	64,057	24,695,402	-17,981	211,747	0	-211,747	33,262,345	33,262,345	1,311,011	0	34,573,358	29,168,776	84.66%	4,473,374	29,186,757	5,386,601	75,664
25.1.201.66	DESIGN	13,765,823	162,020	13,927,843	13,934,822	0	6,979	13,927,398	-448	142,020	0	-142,020	14,430,459	14,430,459	1,521,072	0	15,951,531	15,944,179	87.35%	2,016,784	15,944,621	6,904	7,990
25.1.201.67	FINANCE	1,182,979	46,436	1,229,415	1,256,836	0	27,421	1,236,836	7,421	35,601	0	-35,601	10,683,311	10,683,311	299,653	0	10,982,964	10,099,008	12.25%	8,862,172	10,091,58	891,377	223,845
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	4,233,520	36,560	4,270,080	4,312,796	0	42,716	4,272,798	2,716	9,915	0	-9,915	6,699,594	6,699,594	285,927	0	6,985,521	6,260,605	68.25%	1,987,809	6,257,889	727,632	62,588
	INDIRECT JOB COST	50,864,438	302,903	51,167,341	51,349,917	0	182,576	51,184,551	17,210	462,343	0	-462,343	74,626,078	74,626,078	5,825,651	0	80,451,729	71,701,377	71.39%	20,516,826	71,684,167	8,767,562	438,505
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%	3,032,397	3,032,397	2,007,603	0
	CONTINGENCIES	0	0	0	0	0	0	0	0	0	0	0	5,040,000	5,040,000	0	0	5,040,000	3,032,397	0.00%	3,032,397	3,032,397	2,007,603	0
Total		208,984,619	3,531,925	212,516,544	210,874,215		-1,642,329	212,450,967	-65,57	1,965,654		-1,965,654	251,864,108	251,864,108	7,069,261		258,933,369	245,064,548	86.69%	32,613,581	245,130,125	13,803,244	-1,542,208
without Allocation																							
										1,988,228	1,988,228												

Project: GB-2006-1001JE61 Edinburgh Tram Network 2013-07
Reporting Month: 63. Report Period, 31/07/2013

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 QxDJC-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. 16	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-H) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
Total Cost incl. Prime Cost Sums		208,984,620	3,531,925	212,516,545	210,874,215		-1,642,330	212,450,967	-65,578	1,965,656	1,988,228	22,572	251,864,100	251,864,108	7,069,260		258,933,368	245,064,547	86.7 %	32,613,580	245,130,125	13,803,243	-1,894,268
Prime Cost Sums 0 / 0																							
Total Cost without Prime Cost Sums		208,984,620	3,531,925	212,516,545	210,874,215		-1,642,330	212,450,967	-65,578				251,864,100	251,864,108	7,069,260		258,933,368	245,064,547		32,613,580	245,130,125		

REMEASURED CONTRACT:

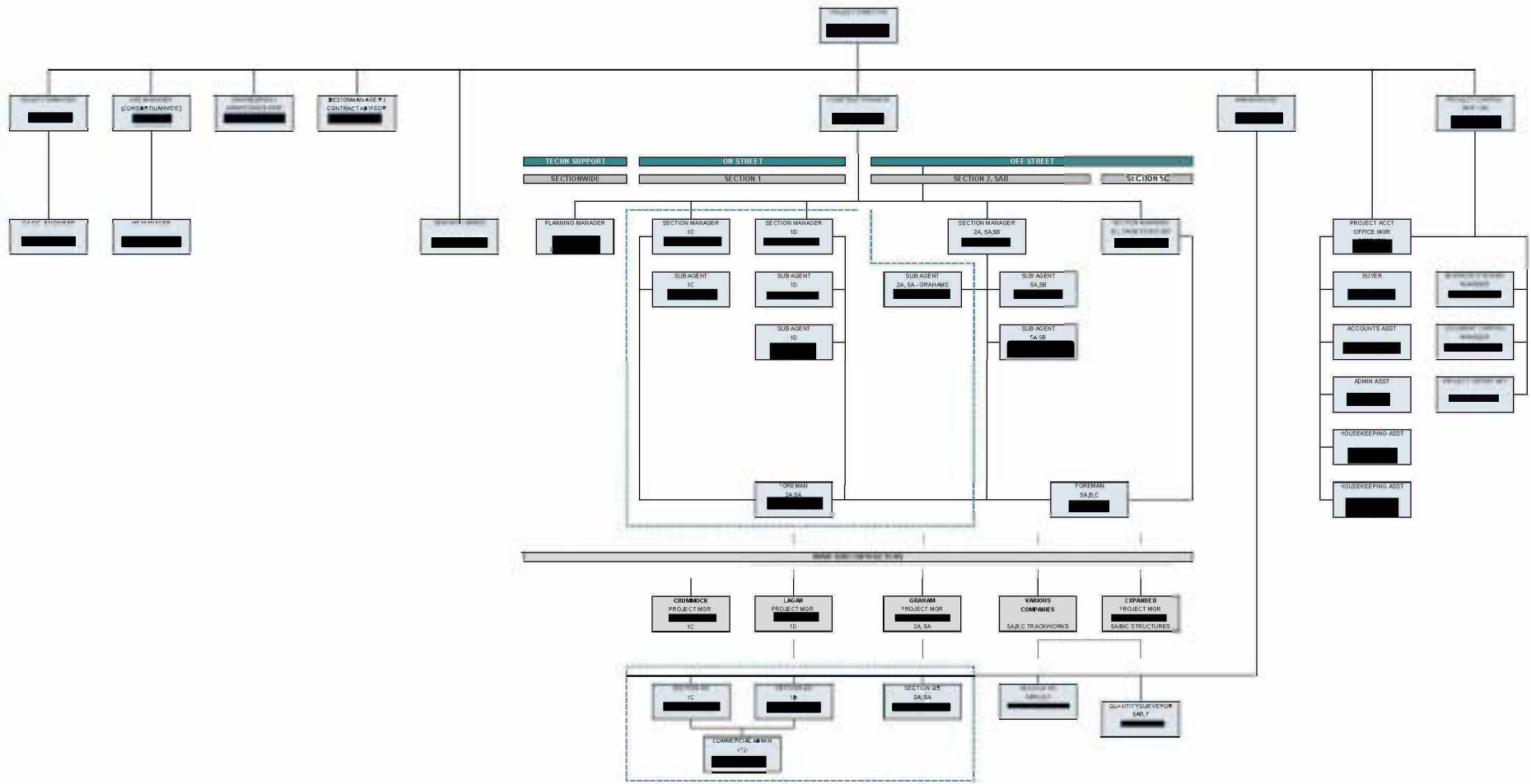
Gross Margin original Contract and agreed VO's (PF = 1.1422, PFB = 1.0810)

Total Cost without Prime Cost Sums		212,516,545	210,874,215		212,450,967					251,864,100	251,864,108	7,069,260		258,933,368	245,064,547					245,130,125		
Gross Margin			17,080,811		30,210,528					19,678,183	19,678,183	1,302,293.00		20,980,476	34,849,297					34,783,719		
Gross Margin in % of Performance			7.49 %		12.45 %					7.25 %	7.25 %	15.56 %		7.50 %	12.45 %					12.43 %		
Performance without Prime Cost Sums			227,955,026		242,661,495					271,542,291	271,542,291	8,371,553		279,913,844	279,913,844					279,913,844		
Actual Cost to date			212,516,545		212,516,545																	
Gross Margin to date			15,438,481		30,144,950																	
Gross Margin to date in % of Performance			6.77 %		12.42 %																	
Performance Prime Cost Sums																						
Total Performance			227,955,026		242,661,495					271,542,291	271,542,291	8,371,553		279,913,844	279,913,844					279,913,844		
Revenue according WBS																						

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.1422, PFB = 1.0810)

Total Cost without Prime Cost Sums			210,874,215		212,450,967					251,864,100	251,864,108	7,069,260		258,933,368	245,064,547					245,130,125		
Gross Margin			17,080,811		30,210,528					19,678,183	19,678,183	1,302,293.00		20,980,476	34,849,297					34,783,719		
Gross Margin in % of Performance			7.49 %		12.45 %					7.25 %	7.25 %	15.56 %		7.50 %	12.45 %					12.43 %		
valued Performance without Prime Cost Sums			227,955,026		242,661,495					271,542,291	271,542,291	8,371,553		279,913,844	279,913,844					279,913,844		
Actual Cost to date			212,516,545		212,516,545																	
Gross Margin to date			15,438,481.00		30,144,950																	
Gross Margin to date in % of Performance			6.77 %		12.42 %																	
Performance Prime Cost Sums (incl. valued performance)																						
Total Performance (incl. valued performance)			227,955,026		242,661,495					271,542,291	271,542,291	8,371,553		279,913,844	279,913,844					279,913,844		
Revenue according WBS (VO's valued)																						
Revenue according WBS (VO's valued by 100%)																						

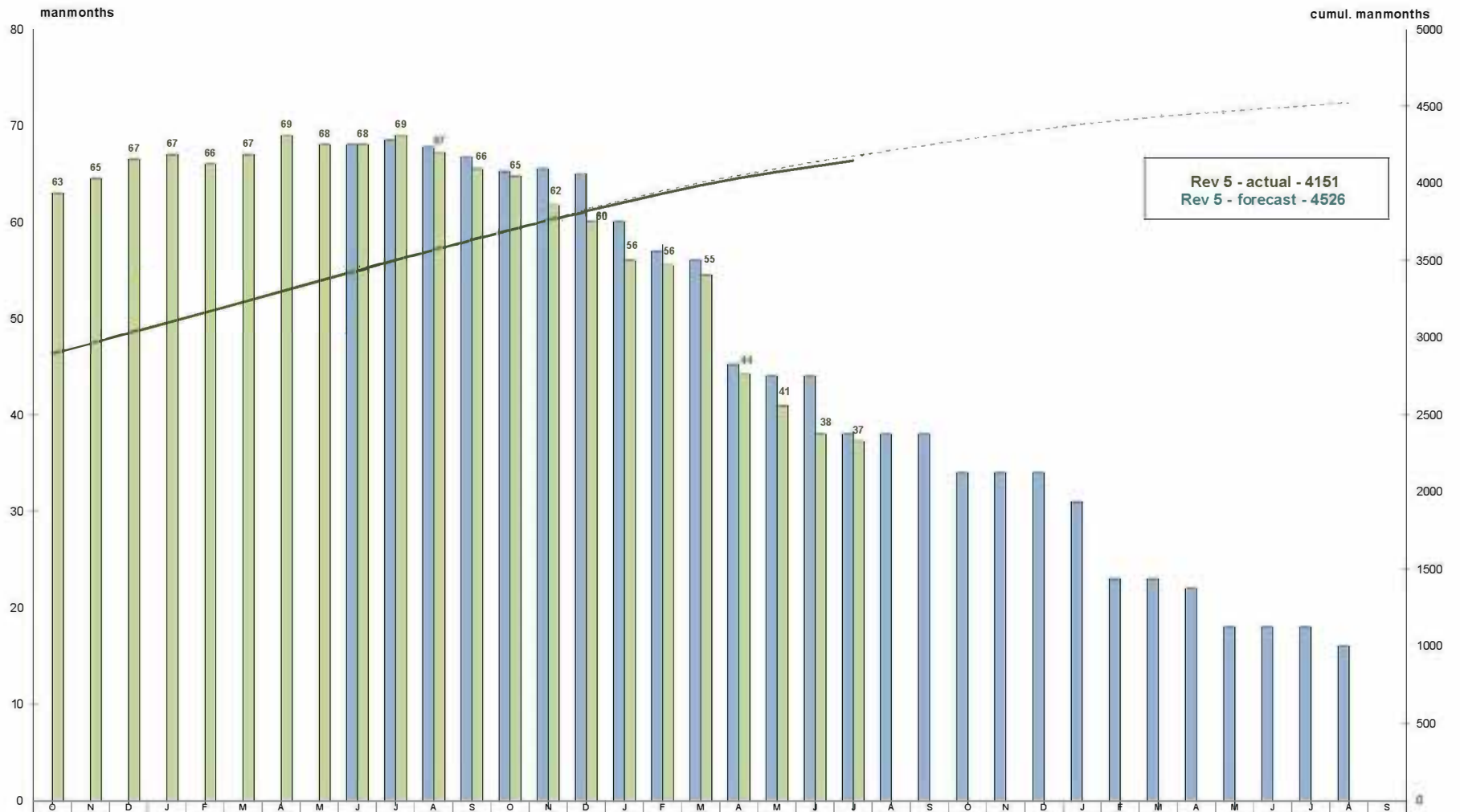
2.05 Organisation Chart



Based at Haymarket Office

**EDINBURGH TRAM NETWORK
 CIVIL WORKS TEAM**
 Rev66 01/07/2013

2.06 Staff Chart



	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S												
Planned Monthly	63	65	67	67	66	67	69	68	68	69	67	67	65	66	65	60	57	56	45	44	44	38	38	38	34	34	34	31	23	23	22	18	18	18	16	
Actual Monthly	63	65	67	67	66	67	69	68	68	69	67	66	65	62	60	56	56	55	44	41	38	37	38	38	34	34	34	31	23	23	22	18	18	18	16	
Planned Cumulated									3436	3505	3572	3639	3704	3770	3835	3895	3952	4008	4053	4097	4141	4179	4217	4255	4289	4323	4357	4388	4411	4434	4456	4474	4492	4510	4526	
Actual Cumulated	2900	2965	3031	3098	3164	3231	3300	3368	3436	3505	3572	3638	3703	3764	3824	3880	3936	3990	4035	4076	4114	4151														

2.08a Approved Change Orders

PMC	SVC	ICO	BOT	Design	CST	COST	Risk	Section / Activity	Description	Date Issued	Budget	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	1,920.09	9.09%	
2	502	508		✓				1A	66	New Footpath at Ocean Drive	26/10/2011	10,231.00		7,584.14		1,716.77	930.00	9.09%	
3	503	515		✓				5C	63	Access Bridge at Depot	01/12/2011	16,880.40			12,567.40	2,849.33	1,543.67	9.09%	
4	504	506		✓				1C	66	Inclusion of Blenheim Place redesign (for IRO) within Picardy Place redesign instructions	26/10/2011	46,247.00		34,282.43		7,760.30	4,204.27	9.09%	
5	505	513		✓	✓			1C	66.12	Design of York Place Terminal Point and new runtime installation incorporating new runtime mode based on York Place Terminal Agreement (was PMC 14)	29/11/2011	228,652.80		169,408.00		38,868.18	20,786.62	9.09%	
6	506	503A		✓				1C	66	Princes St - new cycle way from The Mount into Princes Street	26/10/2011	11,105.64		8,232.50		1,863.54	1,009.60	9.09%	
7	507	504D		✓				1C	66	St Andrew Square Public Realm Design finalisation	18/01/2013	135,143.49		100,180.50		22,677.22	12,285.77	9.09%	
8	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%	
9	520	593		✓	✓			63	63	Waive chamber access and alterations to 800mm water main at depot	28/02/2012	96,809.25			71,837.84	16,261.48	8,009.93	9.09%	
10	511	511		✓	✓			5C	66.63	Flow for storm water connection from Gogar Lodge to laid down new sump tank. CV Ref BARR6/15	22/11/2011	5,750.48		3,440.00	822.76	964.93	522.77	9.09%	
12	512	505A		✓				1A	66	Incorporate AECOM design for Ocean Terminal Bypass Road	26/02/2012	53,855.15		39,796.26		9,008.43	4,880.47	9.09%	
13	508	507		✓				7A	66	New Road Safety Audit to achieve BAWEAL approval	26/10/2011	10,025.00		7,431.43		1,682.21	911.86	9.09%	
15	513	526A		✓				SWON	66	Utility Conflict verification - design changes	20/02/2012	156,870.49		116,286.50		26,323.04	14,260.95	9.09%	
16	514	554		✓				SWON	15	Utility mapping	29/02/2012	92,756.07		68,759.13		15,594.57	8,432.37	9.09%	
17	516	565		✓	✓			63	58	Additional watermain requirement at Depot and Mini test track	26/04/2012	51,281.72		39,114.62		8,605.13	4,661.97	9.09%	
18	517	539		✓	✓			63	63	Additional BT Ducts at Depot and Mini Test track	16/01/2012	2,996.00		2,220.80		502.78	272.36	9.09%	
19	524	586		✓	✓			62.66	62.66	NIL Design Finalisation	16/07/2012	-40,559.19		3,784.50	33,850.62	6,805.86	3,667.20	9.09%	
20	539	529		✓				SW	SW	Programme Rev 3A/4	21/12/2011	2,861,800.00	2,356,942.15				484,857.85	17.36%	
21	541	611A		✓				1D	13	available BT-Lines to avoid provision of a rect FO link from Princes Street to	29/11/2012	4,535.57			3,362.17	761.07	412.32	9.09%	
22	529	524A		✓	✓			OH	66.9	Redesign Gogar Cistern Access Road	17/01/2012	31,308.00		23,208.30		5,253.52	2,846.61	9.09%	
23	530	525		✓				OH	66	Depot Access Road Turning Head	16/12/2011	30,458.40		22,578.50		5,110.95	2,769.95	9.09%	
26	576	543		✓	✓			5C	63	Reinstatement 250mm Watermain	26/04/2012	36,787.81			27,270.43	6,173.03	3,344.35	9.09%	
27	526	518		✓	✓			63	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	29/11/2011	159,900.00			139,043.40	6,820.24	14,536.36	9.09%	
41	534	556		✓				5ABC	54	Scottish Power Insurance Ducts	01/05/2012	5,636.59			4,178.35	945.83	512.42	9.09%	
42	540	539A		✓	✓			63	54.66	Amendment to landscaping scope at plot 304 section 7	01/02/2012	201,120.00		3,768.00	152,658.21	33,748.15	18,283.84	9.09%	
45	555,557,562	621D		✓	✓			OH	66	Siemens OLE design update	10/04/2013	108,889.04		80,718.34		18,271.70	9,839.00	9.09%	
46	566	535A		✓	✓			OH	66	On-Street design changes due to utilities conflicts	12/01/2012 01/06/2012	50,745.46		37,617.09		8,515.14	4,613.22	9.09%	
47	568	537B		✓	✓			OH	66	On-Street Design Changes due to track form conflicts	18/06/2013	5,870.08		6,575.26		1,488.40	806.37	9.09%	
48	553	516E		✓	✓			OH	66	SDS to provide services of Mat. Fall	16/04/2013	141,730.87		105,063.51		23,782.56	12,884.61	9.09%	
50	567,779	536D,673		✓	✓			2A	61.66	On-Street drainage design changes due to utilities conflicts	16/01/2013 31/07/2013	212,348.28		110,572.00	46,839.62	35,632.27	19,304.39	9.09%	Design 149161 63
51	558	522A		✓				OH	65	Provision of CAD Technician	03/02/2012	1,693.00		1,255.00		284.09	153.91	9.09%	
53	559	545		✓	✓			OH	66	Detailed Design of York Place Terminal	03/02/2012	56,438.11		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			68,896.96	3,131.22	7,201.82	9.09%	
59	581	528		✓	✓			1A	31	Value Engineering Firth Port Section 1A	21/12/2011	-2,443,000.00		2,220,909.09			222,090.91	9.09%	
62	572	540A		✓	✓			OH	66	Cathedral Lane Substation Design	18/01/2012 29/06/2012	34,458.88		25,544.00		5,782.23	3,132.62	9.09%	

2.08a Approved Change Orders

										Job Estimate Budgets								
PMC	W/C	ICO	BOT	Design	CON	CONTR	Inst	Section / Activity	Description	Start Date	End Date	BOT	Design	Construction	Professional	Margin	Margin In %	Remarks
63	574	542A						2A	61 Haymarket Viaduct delete parts of cladding	16/07/2012				4,055.13	1,009.72	506.49	9.09%	
64	571A	573C						1D	66 Hope Street reinstatement	20/03/2013			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				3,697.21	491.72	418.89	9.09%	
66	578	546						SWON	15 Remove site investigation allowance	03/02/2012				52,712.73	0.00	5,271.27	9.09%	
70	586	557A						1C	66 Amended Design on St Andrew Square	20/08/2012			11,288.00		2,555.19	1,384.32	9.09%	
71	587	555B						SWON	66 Revised Site Locations and new Salt Specification	13/09/2012			11,999.00		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				1,860,445.80	0.00	198,044.58	9.09%	
81	582	548						5A	61 Deleted Roseburn Viaduct Trespa cladding	09/02/2012				380,003.64	0.00	28,000.33	9.09%	
83	589	582							62 Deletion of Airport Kiosk	29/02/2012				136,363.64	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 Diversions of Scottish Power Cable	21/02/2013				1,800.00	407.45	220.75	9.09%	
88	601	560						5C	62.86 Shelters at Gogarburn Tramstop to be 8m length	15/02/2012 14/06/2012			2,671.00	17,983.26	4,675.37	2,532.96	9.09%	
91	574	574						1A	21 Ongoing Traffic Management	12/09/2012				98,695.66	22,341.11	12,103.68	9.09%	
92	595	566						2A	61 Deletion of crew relief facilities	08/05/2012				54,856.26	12,417.47	6,727.37	9.09%	
92	61	567						2A	61 Crew relief wall construction to close void beneath Haymarket Viaduct	08/05/2012				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			1,408.54		318.84	172.74	9.09%	
93	705	620						2A	66 Haymarket redesign due to LOD constraints	14/11/2012			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				4,561.70	1,032.60	550.43	9.09%	
95	608	624						SW	54.61.62B3 Delete Requirements at all Tramstops for 110v socket for cleaning purposes (Off Street)	23/10/2012				27,317.59	6,163.71	3,350.13	9.09%	
98	644	591							Withdrawn									
102	612	667						SWON	Steps branding change - On Street	16/05/2013								
105	617	668						SW OFF	Steps branding change - Off Street	16/05/2013								
112	618	576							63 Alteration to 1800mm Diameter Manhole	19/06/2012				4,572.44	1,036.39	561.48	9.09%	
115	620	569A							66 Airport Tram Stop Design	27/09/2012			13,183.00		2,984.15	1,616.72	9.09%	
119	627	589						1D	66 St Johns Church deletion of pedestrian barrier	21/08/2012								
120	623	586							25 Gogar Depot Repair	28/08/2012				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				4,761.96	1,077.93	583.99	9.09%	
124	638A	571B						5C	54 Twin Crossings at Lochside Avenue	05/02/2013				21,635.89	4,874.94	2,641.08	9.09%	
139	669	622						7A	62 SGN Remedial works - Backfill at New Ingliston	18/12/2012				11,892.04	2,695.55	1,460.36	9.09%	
148	643	572B						5C	54.58.66 Edinburgh Gateway Works Design & Construction	28/08/2012			119,266.00	2,084,390.16	48,827.62	270,248.98	9.09%	
150	647C	577F						1C	66 Design on street works carriage way reconstruction	09/01/2013			20,517.00		4,644.30	2,516.19	9.09%	
151	648	579						1CD	66 Design cabinet positions for street lighting Prince's Street	19/06/2012								
153	651A	625A						SW	12.13.14.45.54.61.62 Deferral installation of Tramstop shelter and Pt Out	01/03/2013				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			2,475.00		548.93	297.39	9.09%	
156	653	583						1C	66 DWG CAD Drawings Design York Place	22/09/2012				1,824.89	493.09	223.80	9.09%	
169	662	590A						7A	62 Topographical Survey	11/12/2012				1,917.68	434.08	335.18	9.09%	
170	667	594B						2A	66 Call off service to respond Network Rail Technical Queries	27/09/2012				7,487.46	1,694.89	918.24	9.09%	

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PME	SVC	ICO	BOT	Design	CMT	CMT2	CMT3	CMT4	Section / Activity	Description	Date Issued	Revision	Job Estimate Budgets					Percents		
													BOT	Design	Construction	Professional	Margin		Margin In %	
171	668	595							1C 12	York Place, De-scope of Works	12/07/2012	-1,015,155.80		966,015.09		48,340.71	4.76%			
172	719	627A							SW 66,7	Fara Collection Equipment	27/03/2013	13,709.99		10,163.00	0.00	2,300.55	1,246.36	9.09%		
173	666	563A							5A 61	ScotRail Pedestrian Access Gate	18/12/2012	4,905.64		3,634.50		823.17	4,459.7	9.09%		
477	670	582A							1C 66	Design responsive Princes St Road Safety Audit	11/10/2012	1,610.77		1,194.05		270.29	146.48	9.09%		
181	678	601A							63	Temporary reduction in the volume of water in Depot storage tanks	19/11/2012									
192	675	64B							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 covers/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	1,699.39		1,259.74		285.16	154.49	9.09%		
197	685	603A							1A 66	Design and As Built Information Lindsay Road	20/11/2012	7,090.34		5,256.00		1,189.77	644.58	9.09%		
199	690	606A							2A 61	Undertake re-balloasting works to the operational element of the West stant line within the Haymarket Depot	23/10/2012	76,413.27		56,644.38		12,822.23	6,946.66	9.09%		
203	664 750 649	591A 649							5C 62	Gogarum Road - Road Safety Audit - additional high friction surfacing + road widening	21/02/2013	6,282.30		4,652.01		1,054.14	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	46,568.83		34,521.00		7,614.30	4,239.53	9.09%		
207	672	608C							ON 66	Review and amend design for On Street Drainage	16/05/2013	17,980.76		13,324.95		3,017.19	1,634.61	9.09%		
208		620							SW	Cost Engineering in respect of the Programme	18/10/2012	3,162,987.12	2,614,034.94				548,948.18	17.36%		
212	704	612A							1C 66	Carriage Way Reconstruction - redesign of St Andrew Square	20/03/2013	9,206.93		6,825.00		1,544.93	836.99	9.09%		
213	699	608B							ON 66	On Street Road Sign - Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TMC 2s) - DESIGN	12/02/2013	83,126.74		61,622.53		13,949.10	7,557.16	9.09%		
214	683	604A							62	Trial holes to locate Scottish Water pipe at Gogarum	22/01/2013	3,348.06		2,481.88		561.81	304.37	9.09%		
215	701B	614D							62,66	Restatement works at the Airport	08/07/2013	34,725.96		25,742.00		5,827.05	3,456.91	9.09%		
216	702	615A							62	Eastfield Avenue pedestrian crossing: provide and install STRAIL panels	18/10/2013	4,801.83		1,619.00		2,746.30	436.53	9.09%		
217	685	613A							62	Review and amend design of Gogarum Road: temporary surface and install panels at Edinburgh Airport	14/03/2013	1,445.47		1,071.51		242.55	131.41	9.09%		
224		630							1C 12	Construction of Cathedral Lane Substation and Retaining Walls	27/11/2012									
226	696	646							66	SGN As Built drawings between Ingliston and Eastfield Avenue	05/03/2013	3,414.32		2,531.00		572.93	310.39	9.09%		
228	713	639							2A 61	Haymarket/VV12 Network Rail Encroachment into LOD	08/02/2013	117,346.89		86,944.00		19,690.93	10,667.90	9.09%		
229	711	636							2A 61	Fence requirements at Murrayfield, Scotrail & Royal Mail	23/01/2013									
230	712	634							5A 54	Murrayfield Wanderers Interface Detail	08/01/2013	34,762.03		25,768.74		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		2,568.00		6,385.63	2,026.64	1,097.97	9.09%	
235	724	629A							5A 66	Realignment of Scottish Water pipe at Murrayfield	12/02/2013	3,285.93		2,421.00		548.03	298.90	9.09%		
236	723	641							1CD 71	Road Safety Audit Princes Street	18/02/2013	674.50		500.00		133.14	61.32	9.09%		
243	726	637A							2A 61	Deletion of Murrayfield Thistle	04/02/2013	6,120.10		4,900.00		663.73	556.87	9.09%		
244	709	617							5A 61	ScotRail Park Landscaping Works	22/02/2013									
242	737	625							5B 54	BT ducts at South Gyle Access Bridge - Works transfer	21/01/2012	-37,688.84		2,8072.53		6,354.60	3,442.71	9.09%		
253	732	673							5A 61	Roseburn Street Pavement Construction	12/06/2013	-12,544.14		9,042.64		2,361.12	1,140.38	9.09%		
254	753	650							2A 61,66	Additional Retaining Walls adjacent to Haymarket Scotrail Depot	31/07/2013									
259	759	656							62	Regrading works at Eastfield Avenue	05/03/2013	23,345.11		17,305.49		3,917.33	2,122.28	9.09%		
260	741	647							SW ON 15	Alteration to street lighting poles	07/02/2013									
262	736	642A							1D 66	Amendment to road markings at Sharnwick Place	10/07/2013	5,372.77		3,942.78		901.58	488.43	9.09%		
264	742	644							5B 54	South Gyle Access Junction supplement by Ascom	12/02/2013									
266	751	653A							62	Removal of Gogarum hoarding	18/04/2013	2,468.10		1,828.58		414.15	224.37	9.09%		

2.08a Approved Change Orders

										Job Estimate Budgets								
PMC	WIC	ICO	BOT	Design	CON	CONTR	CONTR	Section / Activity	Description	Date Issued	Revision	BOT	Design	Construction	Professional	Margin	Margin In %	Remarks
267	752	854A						5B	62 Handrail at Gogarburn Tram Stop ramp	18/04/2013	1,510.88			1,120.00	253.53	137.35	9.09%	
271	746	843						5B	61 Installation of vibro prismo at Murrayfield Tram stop	04/03/2013								
272	755	852A						5C	62 Relocation of signage at Gogar Tram Stop	01/05/2013	582.67			431.93	97.7	52.97	9.09%	
273	758	878						2A	61 Haymarket Terrace - High Friction Surface Desclope	25/07/2013	-19,447.55			11,210.00	6,469.59	1,767.98	9.09%	
NN	754	851A						OFF	66 Additional earthing/bonding to demarcation fencing	18/04/2013	TBC							
278	765	858C						OFF	61 Fencing requirements to Network Rail corridor	23/07/2013	TBC							
283	771	865						SW	66 Underpin and repairs to the DKE of the CAF tram in accordance with technical information provided by CAF	29/04/2013	TBC							
284	772A	866						S/W/O/N	15 Remove requirement for recovery vehicle	10/05/2013	TBC							
286	770	875						2A	61 Removal of parapet wall at Haymarket Station	21/07/2013								
287	773	869						5A	58.86 Water of Leith Bridge Lighting	21/05/2013	TBC							
290	742	844						1C	66 Broughton street review and re-design	18/09/2013	TBC							
291	742	844						5C	54 Change ballast within 'B foot' at Edinburgh Gateway	18/06/2013	TBC							
296	782	874						2A	61 Russell Road water main desclope	31/07/2013	(-2,180.25)			2,180.25				
15	513.1	ICCO						1D	14 Utility Conflict Verification	31/07/2013	19,814.14			12,757.68	5,073.35	1,783.10	9.09%	
25	543	ICCO						1D	14 Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	31/07/2013	287,038.92			188,899.57	74,244.90	28,094.45	9.09%	
28	521	ICCO						1D	14 Provide temporary accommodation and Welfare facilities	31/07/2013	1,758.49			1,143.78	454.85	159.86	9.09%	
35	547	ICCO						1D	14 Haymarket H1 Third Party affecting our ability to progress the works	31/07/2013	8,375.74			5,447.86	2,166.45	761.43	9.09%	
36	548	ICCO						1D	14 Haymarket H1 BT Fibre Optic Service required Diverted	31/07/2013	94,654.34			61,566.30	24,483.10	8,604.94	9.09%	
37	528	ICCO						1D	14 Haymarket 1 - Sit Trench Excavation to Validate Utilities	31/07/2013	7,482.55			4,866.90	1,935.42	680.23	9.09%	
38	549	ICCO						PSOW	13 Move 3 No OLEs (St John's Church) to central reserve	31/07/2013	37,201.94			24,197.37	9,622.58	3,381.99	9.09%	
40	535	ICCO						PSOW	13 Scottish Water Diversion at Junction of Princes Street and South St David Street	31/07/2013	288,324.25			187,535.59	74,577.36	28,211.30	9.09%	
43	561	ICCO						PSOW	13 Xmas Embargo demob. and temp. reinstatement	31/07/2013	231,938.54			150,660.47	58,992.75	21,085.32	9.09%	
52	554	ICCO						1CD	15 PMCS2 On Street. Early Implementation of TM Phase 4 & 5	31/07/2013	397,693.26			258,672.80	102,866.53	38,153.93	9.09%	
55	554	ICCO						1CD	15 Traffic Management Design	31/07/2013	10,731.31			6,880.00	2,775.74	975.57	9.09%	
58	570	ICCO						1CD	15 Site Clearance - Onit removal of trees	31/07/2013	-13,990.68			9,100.00	3,618.80	1,271.8	9.09%	
68	596	ICCO						1D	14 PMC 68 - Utilities affecting ability to place system drainage	31/07/2013	-39,148.57			25,463.52	10,128.09	3,568.28	9.09%	
69	598	ICCO						1D	14 PMC 69 - Geotextile Liner to Clifton Terrace Void	31/07/2013	2,008.03			1,304.79	518.24	182.97	9.09%	
72	600	ICCO						1D	14 Shandwick place - OLE bases affecting utilities (Piling)	31/07/2013	315,986.72			205,528.17	81,732.48	28,726.07	9.09%	
77a	583	ICCO						1C	12 Amend specification for on street setts - 1C	31/07/2013	185,817.29			120,731.60	48,011.39	16,874.30	9.09%	
77b	583	ICCO						1D	14 Amend specification for on street setts - 1D	31/07/2013	59,821.13			38,874.68	15,499.08	5,447.38	9.09%	
79	606	ICCO						1C	12 St Andrew Sq. third party affecting our ability to progress the works	31/07/2013	541,815.28			352,479.55	140,170.70	49,265.03	9.09%	
80	635A	ICCO						PSOW	12 Revised drainagescope and scope split	31/07/2013	-122,995.00			80,000.00	31,813.64	11,161.36	9.09%	
87	604	ICCO						1C	12 St Andrew Sq. OLE bases affecting utilities (Piling)	31/07/2013	42,795.82			27,835.68	11,069.43	3,890.51	9.09%	
88a	584	ICCO						1CD	12 Residual Road Value Engineering 1C	31/07/2013	69,184.69			45,000.00	17,495.17	6,289.52	9.09%	
88b	584	ICCO						1CD	14 Residual Road Value Engineering 1D	31/07/2013	3,235,59.75			2,104,53.92	83,691.31	29,414.52	9.09%	
99	639	ICCO						1D	14 Utilities affecting the ability to progress track excavation Shandwick 1	31/07/2013	13,235.92			8,600.08	3,423.58	1,203.27	9.09%	
100	630	ICCO						1D	14 Utilities affecting the ability to progress track excavation Shandwick 2	31/07/2013	10,620.04			7,103.34	2,824.79	982.81	9.09%	

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										Job Estimate Budgets								
PMC	W/C	ICCO	BOT	Design	CBT	Construction	Installation	Section / Activity	Description	Date Issued	Revision	BOT	Design	Construction	Materials	Margin	Margin In %	Remarks
101	631	ICCO						1D	Third Parties affecting the ability to progress track excavation Shandwick2	31/07/2013	8,161.19			5,308.31	2,110.96	741.93	9.09%	
103	613	ICCO						1C	St Andrew Square Design, Enabling and Ongoing Maintenance of Temporary Bus Station	31/07/2013	10,126.39			6,586.54	2,619.27	920.58	9.09%	
104	614	ICCO						SW	TNC614 Rotheray Place TM Amendment	31/07/2013	9,417.25			6,125.29	2,435.85	856.11	9.09%	
108	590	ICCO						1CD	Reinstatement of ThirdParty Works /Lining - The Mound	31/07/2013	34,617.60			22,516.43	8,954.12	3,147.06	9.09%	
109	600	ICCO						1CD	Re-proving and cleaning of Chambers / ducts	31/07/2013	28,304.48			17,109.31	6,803.87	2,391.32	9.09%	
110	600	ICCO						1CD	Duct Chamber Bedding Detail Drawing Change	31/07/2013	10,742.88			6,987.51	2,778.73	976.62	9.09%	
114a	611	ICCO						1D	Excavation by others - 1D	31/07/2013	77,863.51			50,644.99	20,140.02	7,078.50	9.09%	
114b	611	ICCO						1C	Excavation by others - 1C	31/07/2013	-122,995.00			80,000.00	31,813.64	11,181.58	9.09%	
126	629	ICCO						1D	1D Hand dig to expose utilities crossing in-bound duct bank within S1 at Stafford Street and Leithen Road Junction for T1E action	31/07/2013	12,789.39			8,309.63	3,302.90	1,160.85	9.09%	
127	630	ICCO						1D	1D Utilities affecting ability to install System Ducting through S2 (South Duct Bank)	31/07/2013	19,698.53			12,812.57	5,095.18	1,790.78	9.09%	
128	596	ICCO						1D	1D Remove and Reinstall with Traps IMU and Track Drainage laid by other within H1	31/07/2013	5,331.13			3,467.54	1,378.94	484.65	9.09%	
129	543	ICCO						1D	1D Recovery of unsuitable material below formation of base 131204 within S2	31/07/2013	5,157.84			3,354.83	1,334.12	468.89	9.09%	
130	547	ICCO						1D	1D Remedial works required on the partial return of H1 to infra on 21 May 2012	31/07/2013	761.51			495.31	196.97	69.23	9.09%	
132	543	ICCO						1D	1D Transfer plant and materials back to H2 from S4 to recommence works to OLE bases. Site vacated for T&T	31/07/2013	1,210.69			787.47	313.15	110.06	9.09%	
133	570	ICCO						1D	1D Excavate Trial Holes in locations of tree pits through Shandwick S4 stone wall to establish foundation depth	31/07/2013	3,760.10			2,445.69	972.58	341.83	9.09%	
135	635	ICCO						1D	1D Remove and Reinstall with Traps IMU and Track Drainage laid by other within S1 (East End) and S2	31/07/2013	10,306.93			6,703.90	2,659.94	936.98	9.09%	
137	637	ICCO						1C	1C remove existing stone wall at junction of St Andrew Square and Prince St	31/07/2013	7,300.88			4,748.73	1,888.43	663.72	9.09%	
144a	639	ICCO						1C	York Place Closure Design, Enabling and Ongoing Maintenance	31/07/2013	231,454.84			150,545.85	59,867.64	21,041.85	9.09%	
145	645	ICCO						PSOW	Princes Street Outstanding Works	31/07/2013	215,564.94			140,210.54	56,757.50	19,596.81	9.09%	
157	589	ICCO						1D	1D Widening of track excavations due to installation of floating track slab within H3	31/07/2013	3,435.53			2,234.58	888.63	312.32	9.09%	
158	629	ICCO						1D	1D Remedial works on Handback of S1 & S3 including fencing, reinstatement of the formation and reinstated ducts	31/07/2013	5,945.92			3,867.42	1,537.96	540.54	9.09%	
159	629	ICCO						1D	1D Exposing the conflicting services and ducts but acceptable in H1, H2 & H3	31/07/2013	15,942.97			10,369.43	4,123.78	1,449.36	9.09%	
160	547	ICCO						1D	1D Utilities affecting the working space to all OLE bases within H2 including on formation and reinforcement	31/07/2013	3,450.72			2,244.66	892.56	313.70	9.09%	
161	645	ICCO						PSOW	PSOW - Remedial works to Traffic Signal works	31/07/2013	6,307.52			4,102.62	1,631.49	573.41	9.09%	
162	645	ICCO						PSOW	PSOW - Watermain Ducting	31/07/2013	15,374.39			10,000.00	3,876.70	1,397.67	9.09%	
163	645	ICCO						PSOW	PSOW - Additional OLE Remedials	31/07/2013	3,786.55			2,462.99	979.42	344.23	9.09%	
164	645	ICCO						PSOW	PSOW - Traffic signal ducting works - drawing change	31/07/2013	3,274.10			2,124.58	846.87	297.65	9.09%	
165	645	ICCO						PSOW	PSOW - Tram Stop Additional Works	31/07/2013	18,821.97			12,242.43	4,868.45	1,711.09	9.09%	
166	600	ICCO						PSOW	Water Valve	31/07/2013	514.12			334.40	132.98	46.74	9.09%	
167	554	ICCO						1D	1D Additional TM Requirements at Canning Street/Shandwick Place Junction as OLC Instruction	31/07/2013	1,291.09			839.77	333.95	117.37	9.09%	
176	660	ICCO						SW	TNC660 Princes St TM	31/07/2013	4,775.45			3,106.11	1,285.21	434.13	9.09%	
178	642	ICCO						1C	VP Tramstop Associated Works	31/07/2013	54,411.45			35,391.00	14,073.96	4,946.50	9.09%	
179	682	ICCO						1D	Revised scope for street lighting, road signs & traffic signals	31/07/2013	340,841.62			221,694.62	89,161.40	30,985.60	9.09%	
180	680	ICCO						15	Review of single bus lane running west to east through Coates Crescent on to Princes Street via Shandwick Place	31/07/2013	2,406.09			1,565.00	622.35	213.74	9.09%	
182	678	ICCO						1D	Review of Traffic Management to retain existing access to Bus Station on Prince Street TNC 678 & TNC 678A	31/07/2013	37,733.59			24,543.17	9,760.09	3,430.93	9.09%	
183	677	ICCO						1D	Temp Roundels	31/07/2013	1,982.19			899.00	357.51	125.65	9.09%	
194	665	ICCO						1C	Removal of temporary traffic management on Prince Street between Waverley Bridge and South St Andrew Street (the partial plug) TNC 665	31/07/2013	5,515.56			3,587.50	1,426.64	501.41	9.09%	
185	656	ICCO						1D	Shandwick Walls and Paths	31/07/2013	-194,702.38			126,640.83	50,361.32	17,700.21	9.09%	

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PNC	SVC	ICD	BOT	Design	CST	COST	EST	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Revenue	
												BOT	Design	Construction	Professional	Margin		Margin In %
187	543	ICCO						1D 14	Remedial works on handback to H1, 2, 3	31/07/2013	14,991.65			9,751.06	3,877.71	1,362.88	9.09%	
188	600	ICCO						1D 14	OLE 131,129A fill below formation	31/07/2013	9,419.08			6,126.48	2,436.32	859.28	9.09%	
190	645	ICCO						1CD 13	PN43 Investigation	31/07/2013	1,127.05			733.07	281.52	102.46	9.09%	
191	698	ICCO						1D 14	Contaminated Material in SP4	31/07/2013	70,226.47			45,677.61	18,194.64	6,344.32	9.09%	
193	547	ICCO						1D 14	Placement and removal of material between tracks in SP2 & SP6	31/07/2013	2,203.90			1,453.49	570.06	200.35	9.09%	
204	688	ICCO						1D 14	Present Footpath Use-Scope	31/07/2013	4,965.82			3,297.68	1,244.83	454.15	9.09%	
205	693	ICCO						1D 14	Shandwick Place, additional kerbing and footpath reinstatement	31/07/2013	31,661.51			20,593.69	8,189.50	2,878.32	9.09%	
206	641	ICCO						1C 12	Cathedral Lane Substation Investigation Works	31/07/2013	209,644.74			136,489.93	54,278.01	18,078.79	9.09%	
218	699	ICCO						SW 15	INC 699 Ped Walkway Dairy Road	31/07/2013	4,109.14			2,672.72	1,062.86	373.56	9.09%	
220	645	ICCO						1C 12	Additional Central Reserve Works	31/07/2013	7,143.69			4,646.49	1,847.77	649.43	9.09%	
221	697	ICCO						1D 14	Remedial Works to OLE foundations Clifton Terrace	31/07/2013	20,019.02			13,021.03	5,178.08	1,819.91	9.09%	
222	707	ICCO						SW 15	INC 707A TM Apple Store Site	31/07/2013	2,334.81			1,518.64	603.92	212.26	9.09%	
224	641	ICCO						1C 12	Cathedral Lane Substation Investigation Works	31/07/2013	207,165.51			134,747.27	53,655.01	18,833.23	9.09%	
225	700	ICCO						1D 14	Hope Street construction works	31/07/2013	32,983.28			21,453.41	8,531.39	2,998.48	9.09%	
227	689	ICCO						1C 12	York Place Hoarding Design	31/07/2013	2,707.18			1,780.84	700.23	246.11	9.09%	
233	564	ICCO						1CD 15	Friktioning/Descope	31/07/2013	-8,910.17			5,841.00	2,328.79	816.86	9.09%	
237	564	ICCO						1CD 15	Tracking and Modelling CEC request	31/07/2013	6,884.86			4,465.00	1,775.60	624.06	9.09%	
238	605	ICCO						1C 12	Making Manhole shutters and embed	31/07/2013	30,036.32			19,536.61	7,769.13	2,750.57	9.09%	
239	682	ICCO						1C 12	ICS Re-scope of De-scoped Ducting	31/07/2013	6,693.51			4,353.68	1,731.33	608.50	9.09%	
240	687	ICCO						1C 12	Additional Kerb cost for supply as new	31/07/2013	100,167.53			65,152.26	25,909.13	9,106.14	9.09%	
245	728	ICCO						SW 15	Pedestrian management during Christmas Shutdown	31/07/2013	227,890.56			14,823.75	5,894.87	2,071.87	9.09%	
248	729	ICCO						1CD 15	Finna's St/South St/Andrew St - Traffic Light Alterations	31/07/2013	4,058.44			2,859.74	1,049.75	368.95	9.09%	
251	735	ICCO						1D 14	Cluven's ferry street / Lothian Rd Junction	31/07/2013	52,154.01			20,914.03	8,316.89	2,923.09	9.09%	
255	738	ICCO						1C 12	Descope Site Clearance Items	31/07/2013	220,703.77			143,553.00	57,069.79	20,063.98	9.09%	
256	740	ICCO						1D 14	Haymarket Island - amend levels	31/07/2013	5,045.96			3,282.72	1,305.44	458.82	9.09%	
258	739	ICCO						1C 12	Dublin Street Steps	31/07/2013	384,35.94			25,000.00	9,941.76	3,494.18	9.09%	
260	741	ICCO						1D 14	Alterations to Street Lighting Poles 1D	31/07/2013	31,635.41			20,576.71	8,182.75	2,875.95	9.09%	
265	749	ICCO						1D 14	Footway Works outside Haymarket Station	31/07/2013	13,171.65			8,567.26	3,406.95	1,197.42	9.09%	
268	756	ICCO						1D 14	Widening of temp Ped walkway at Haymarket	31/07/2013	2,052.71			1,335.15	530.95	186.61	9.09%	
274	766	ICCO						1D 15	Additional cost of demolition lighting	31/07/2013	16,143.09			10,500.00	4,175.54	1,467.55	9.09%	
277	761	ICCO						1C 12	Re-Scope of Road Markings St Andrew Square	31/07/2013	6,747.67			4,396.91	1,745.34	615.42	9.09%	
289	642	ICCO						1C 12	York Place Underground Structure	31/07/2013	18,075.91			8,505.00	3,382.19	1,198.72	9.09%	
TBA1	584	ICCO						1C 12	Additional Excavation of Camsageway on North Side of York Place (Originally Escoped)	31/07/2013	25,061.58			15,000.00	5,965.06	2,036.51	9.09%	
TBA1D-20:01		ICCO						1D 14	Surfacing Indices	31/07/2013	13,657.07			8,870.00	3,527.34	1,239.73	9.09%	

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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	
224					1C	Construction of Cathedral Lane Substation and Retaining Walls	08/10/2012	180,205	117,13	81,09	180,205	+	
254					5A	Additional retaining measures due to Network Rail infrastructure amendments	28/01/2013	355,378	230,991	159,924	355,378	0000	
264	742				5B	Reinstating South Gyle Access Junction - Kilmstate Junction supplemented by Aecom	12/02/2013						
278	765				2A/5A	Fencing requirements to Network Rail corridor	08/04/2013						
283	771				5W	Undertake analysis of the DKE of the CAF tram in accordance with technical information provided by CAF	23/04/2013						
287	773				5A	Water of Leith Lighting	21/05/2013						
290	776				1C	Review of existing site levels around York Place tramstop & Broughton Street Junction	18/06/2013	1,942	1,26	87	1,942	+	
281	777					VE to vary material at Edinburgh Gateway using ballast in "6 foot"	18/08/2013						
293	778				5A	Estimate for design approvals & E/O cost for new tribar steps (Scotrail)	23/07/2013						
298	783				2A	Modify/Cut down part of Murrayfield Tramstop Wall at west end of inbound track	31/07/2013						
TOTALS								537,526	349,392	241,887	537,526		
											submitted	under preparation	
											maximum potential of changes		
											537,526.38		

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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													
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	-272,966	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	66	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	68	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	69	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
62	MONTH	9,080,815	70	2,807,729	3,117,075	309,346	0	0	0	3,117,075	26/06/2013	26/06/2013	3,117,075
Jun-13	ACCUM	240,058,100		269,151,084	268,951,900	-199,184				268,951,900			268,951,900
63	MONTH	9,257,342	71	2,643,888	2,583,590	-60,299	0	0	0	2,583,590	24/07/2013	24/07/2013	2,583,590
Jul-13	ACCUM	242,661,495		271,794,972	271,535,490	-259,482				271,535,490			271,535,490
												271,535,490	

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2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	% 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

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
TSA/13/03	31/07/2013				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	-	9	-	100%
1B	-	-	-	-	-	-	-	-	-
1C,1C/D St A Sq, Princes St, York Pl	86	50	51	59%	59	0	51	0	86%
1D	95	28	74	78%	44	0	38	5	86%
2A	33	10	29	88%	123	1	119	0	97%
5A	108	33	86	80%	63	4	57	7	90%
5B	129	42	91	71%	100	0	70	13	70%
5C	63	20	52	83%	80	1	64	3	80%
6	36	0	36	100%	125	0	125	1	100%
7A	193	0	193	100%	73	0	73	0	100%
System NCRs (non-audit)					676	6	606	29	90%
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 where there are ongoing works on site. Inspection and Test Records are being received from contractors and are currently being reviewed by Bilfinger.

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2.12 Safety Information System - SIS

Bilfinger Construction⁵ - Monthly Safety Report

Jul-13							bilfinger.co.uk	
	Bilfinger CO ¹ Managers, Supervisors, Foremen	Bilfinger CO ¹ workers	JV people under Bilfinger CO control	Sub-contractors ³	Agency / hired people / Bilfinger SE workers eg BIS	Total	Others, eg public	
Number	43		39	261		343		
Hours ²	6374		6306	53888		66568		

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 ⁴	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	04-Jul-13	3
		While trying to change a tire with a hammer the hammer slipped and struck sections of rebar Mr Roberson managed to hit himself on the eye with the	04-Jul-13		26

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 x200
 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 1D

Shandwick Place up to Haymarket Station

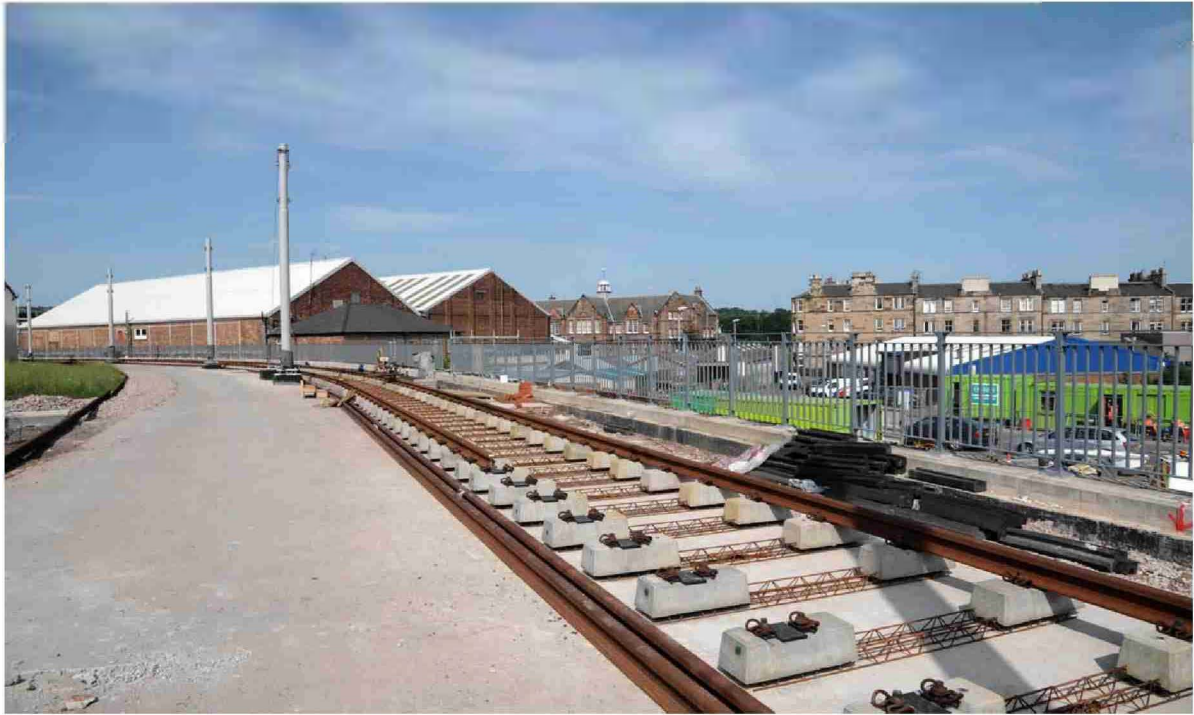


2.13 Project Photographs

Picture 02

Section 5A

Russell Road to Murrayfield



Picture 03

Section 5A

Russell Road to Murrayfield Tram Stop



2.13 Project Photographs

Picture 04

Section 5B

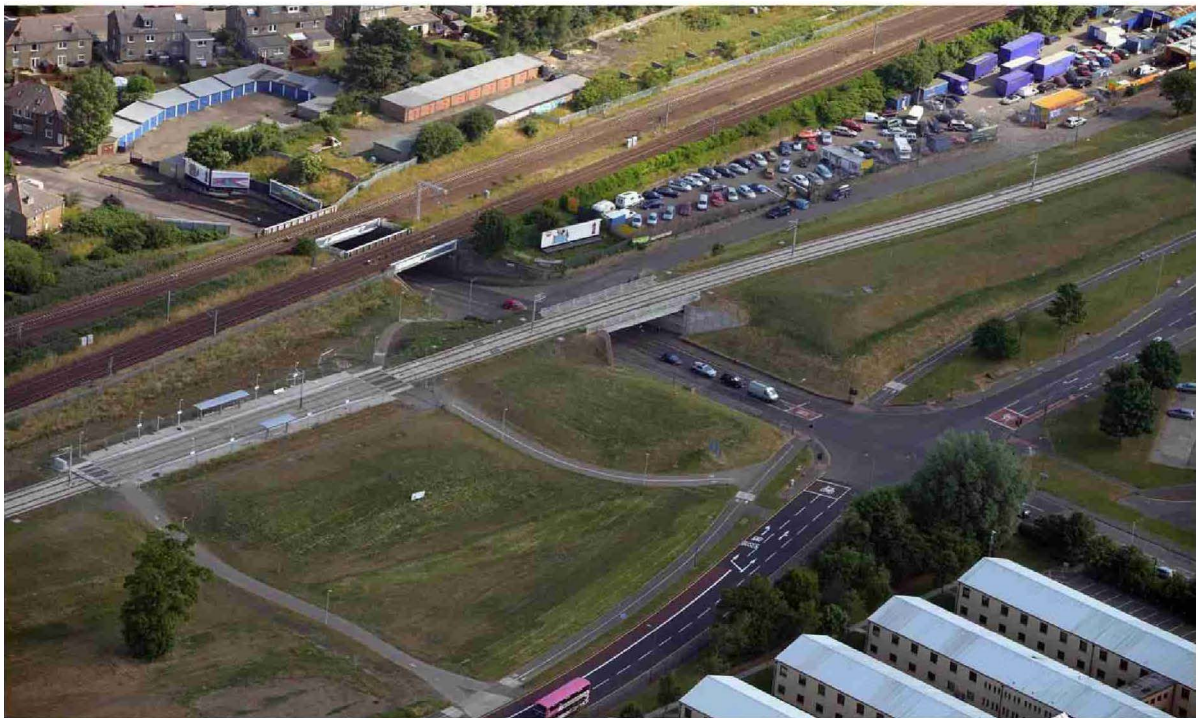
Balgreen Tram Stop



Picture 05

Section 5B

Saughton Tram Stop



2.13 Project Photographs

Picture 06

Section 5B

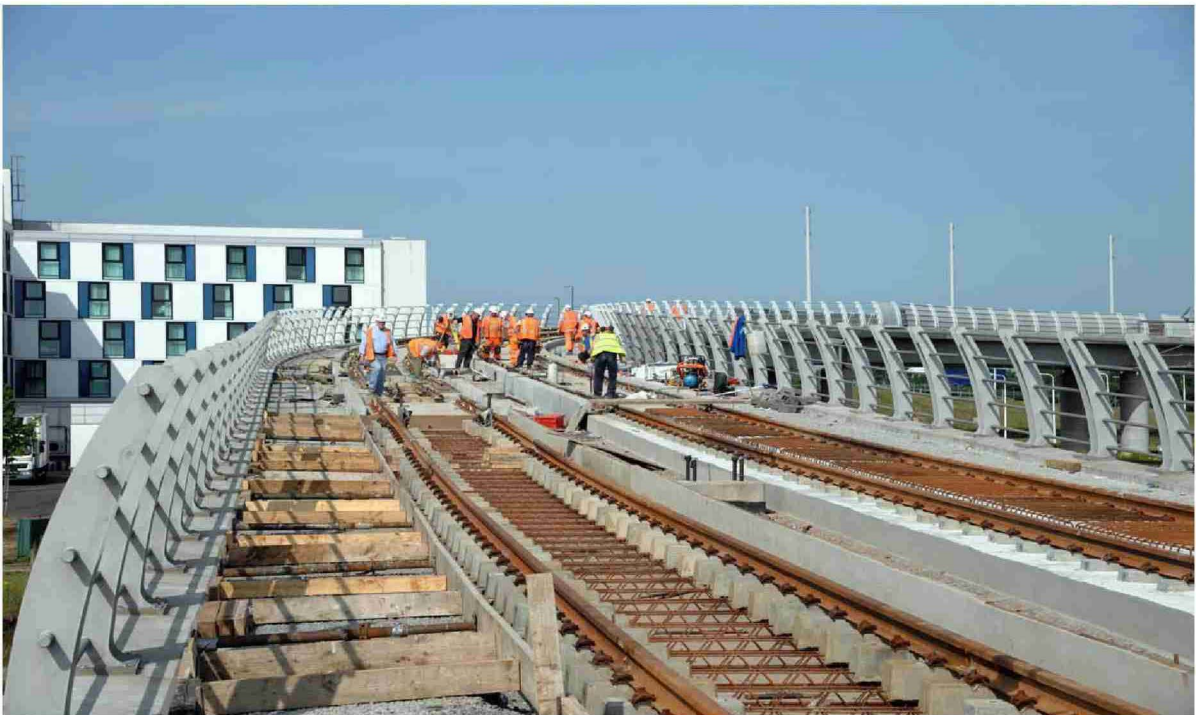
Bankhead Tram Stop



Picture 07

Section 5B

Edinburgh Park Bridge



2.13 Project Photographs

Picture 08

Section 5C

Track Crossings at South Gyle Roundabout



Picture 09

Section 5C

A8 Underpass, Gateway, Depot Access Bridge



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		0	62,729
03.	Taken risk on soft ground conditions	439,106		-439,106	0
	Total Contractual Risks	690,024	0	-627,295	62,729
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		0	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	0
09.	Programme risk on Sectional Completion Date B - Site costs on Delay	8,155		-8,155	0
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
	Total Construction Risks	1,081,770	0	-41,401	1,040,368
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		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
	Total Commercial Risks	2,995,333	0	-1,087,989	1,907,343
Other Risks					
				0	0
				0	0
				0	0
				0	0
	Total Other Risks	0	0	0	0
Total Values		5,040,000	-	- 2,007,603	3,032,397