



# EDINBURGH TRAM NETWORK

## Monthly Project Report August 2013



## Monthly Report Major Projects

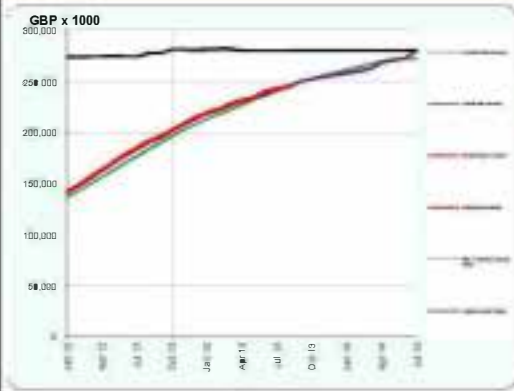
**Project: Edinburgh Tram Network**

**Reporting Period: August 2013**

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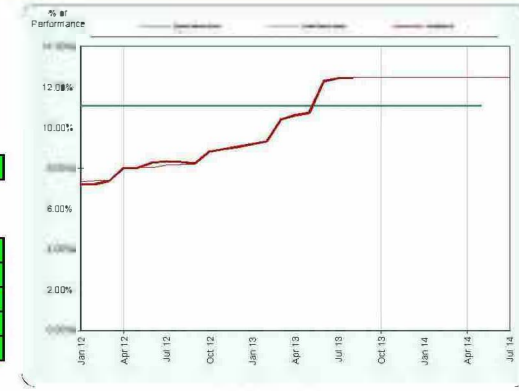
**1.01 Project Overview Charts**



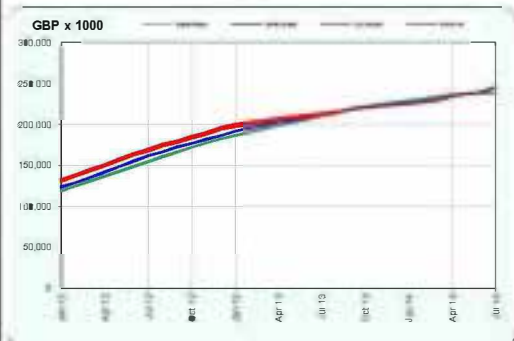
Performance

	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		279,922		
Claims / Variations approved				8,379		
Claims / Variations not approved				483		
Performance		245,391	244,820	244,782	100.0%	green
Actual Cost to Date				214,351	100.0%	green
Result	11.07%	7.23%	12.45%	12.43%	5.2%	green
Payment Status		245,391	274,007	274,008	100.0%	green
Av.Perf/mth: Rem. & act 3mth			1,098	3,793		green

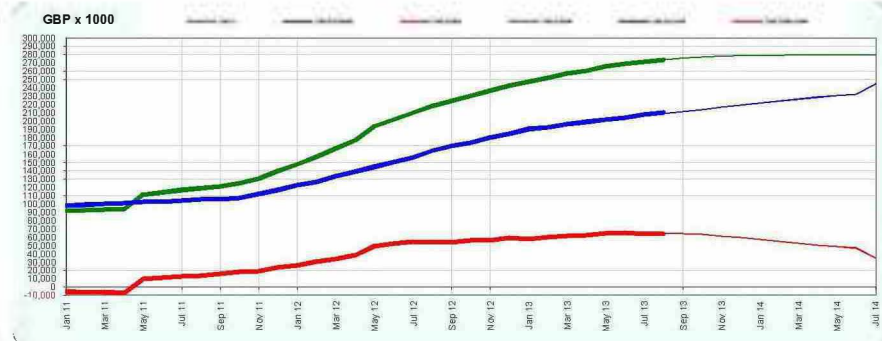
Project Key Figures



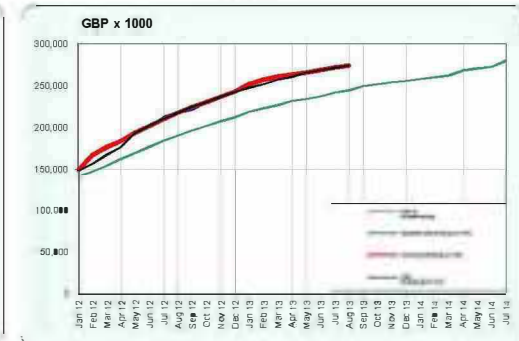
Project Result



Project Cost



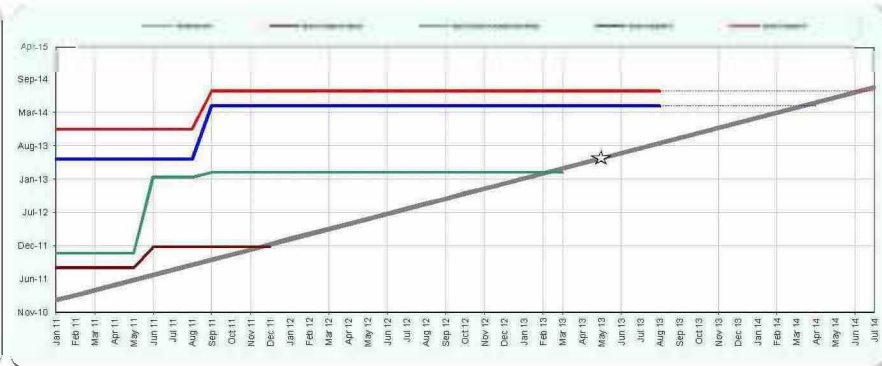
Cashflow



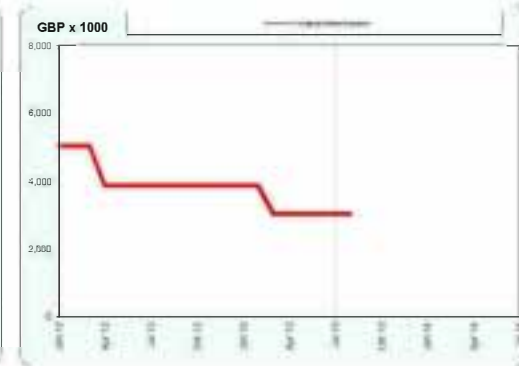
Payment Status



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:	£2,120,289
Planned performance:	<u>£2,158,943</u>
Variance:	-£38,654

### 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:	£30,430,415	or	12.43%
Forecast/planned result:	£34,852,225	or	12.45%
Weighted margin out of R&O:	£36,654,527	or	13.09%

### 1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£274,008,066
Paid net from the client:	<u>£274,008,066</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:	£275,003,311	(incl. interest income)
Cash out net:	£210,654,869	
Cash balance net:	£64,348,442	

### 1.2.6 Contingencies

The installed contingency value remains unchanged.

£3,032,396 (see attachment 3.01)

### 1.2.7 Construction Programme

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

Contractual milestones defined:

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

## 1.03 General Information

<b>1.3.1</b>	<b>Short note on progress, events this month</b>		
	<p><u>Mobilisation/Demobilisation:</u> None</p> <p><u>Design:</u> Extended construction support on technical queries ongoing.</p> <p><u>Procurement :</u> All subcontract arrangements are in place, minor purchase on finishing works ongoing.</p> <p><u>Construction :</u> During August 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 August 14 new, revised and further works on On-Street changes were issued. The Variation Order value increased by £7,830 to £8,379,383 in total.</p>		
<b>1.3.2</b>	<b>Significant extraordinary events</b>		
	Date	Description	Remarks
<b>1.3.3</b>	<b>Recent important agreements with the Employer or instructions having significant consequences</b>		
	Date	Description	Remarks
<b>1.3.4</b>	<b>Status on Major Unapproved Claims / Variations / Changes</b>		
	Several changes have been notified (see list "2.08b Unapproved Changes").		

**Project: Edinburgh Tram Network**

as per: **31/08/2013**



**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-May08	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	63.5 month	63.5 month	86.1 %					
Rate of Exchange Top Sheet:	1 GBP =	1.11 EUR	Actual: 1.17 EUR	Performance to date	244,781,784 GBP		87.4 %					
2. Total Contract Value				Date of Contract		Total Previous Month	August 2013	Total Reporting Month				
Contract Value with Client (Rev 4 evaluation)				271,542,291 (incl. SDS NovaAgree)	100.00%	279,913,844	103.1%	7,830	279,921,674	103.1%		
Contract Value with 3rd Parties (without interest)						0	0.0%	0	0	0.0%		
						279,913,844	103.1%	7,830	279,921,674	103.1%		
3. Claims and Variations				Total Previous Month		August 2013	Total Reporting Month					
Claims and Variations approved				8,371,553	3.1%	7,830	8,379,383	3.1%				
Claims and Variations submitted but not approved yet				537,526	0.2%	-54,343	483,183	0.2%				
Claims and Variations under preparation				0	0.0%	0	0	0.0%				
4a. Performance				Total Previous Month		August 2013	Total Reporting Month					
Performance for Actual Contract Value with Client				242,661,495	86.69%	2,120,289	244,781,784	87.45%				
Performance for 3rd Parties (without interest)				0	0.00%	0	0	0.00%				
Total Performance to Date				242,661,495	86.69%	2,120,289	244,781,784	87.45%				
Remaining Performance to Date				37,252,349	13.31%		35,139,890	12.55%				
Actual Planned Performance (Planned Performance per report date - Performance Last Month)				242,661,495	86.69%	2,158,943	244,820,438	87.46%				
4b. Cost				Total Previous Month		August 2013	Total Reporting Month					
Actual Cost at Reporting Date				212,516,545	75.92%	1,834,824	214,351,369	76.58%				
5. Result				Date of Contract		Total Previous Month	August 2013	Total Reporting Month				
Planned Result for Contract with Client (revised evaluation)				19,632,508	7.23%	34,849,297	12.45%	2,928	34,852,225	12.45%		
Actual Result at Reporting Date						30,144,950	12.42%	285,465	30,430,415	12.43%		
Forecast Result at the End of Contract						34,849,297	12.45%	2,928	34,852,225	12.45%		
Weighted Result at the End of Contract (Likely Case)						36,651,599	13.09%	2,928	36,654,527	13.09%		
6. Invoices, Payment and Bank account				Total Previous Month		August 2013	Total Reporting Month					
Application to the client - excl. VAT				0	0.00%	271,794,972	97.10%	2,511,163	274,306,135	97.99%		
Certified by the client (invoice) - excl. VAT				0	0.00%	2,715,354,900	97.01%	2,472,576	274,008,066	97.89%		
Cash in from the client - excl. VAT				0	0.00%	271,535,490	97.01%	2,472,576	274,008,066	97.89%		
Cash in from 3rd Parties - excl. VAT				0	0.00%	0	0.00%	0	0	0.00%		
Interest income						990,407	0.41%	4,838	995,245	0.41%		
Cash out (excl. VAT)						207,955,144	74.29%	2,699,725	210,654,869	75.25%		
Net Liquidity				0	0%	64,570,753	23.07%	-222,311	64,348,442	22.99%		
7. Subcontractor Work (incl. Design)				Total Previous Month		August 2013	Total Reporting Month					
Total Portion of Subcontractor Budget (first evaluation)				186,628,491 (incl. SDS)	68.73%	189,393,571	67.66%	-3,196	189,390,375	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	2012	2013	2014	Performance and Result in 2006-2010			
Jan			1,706	2,786	1,573	5,817	4,419	2,063	Performance	100,868,316	36.0%	
Feb			2,526	4,026	815	6,518	3,239	2,107	Result	118,099	0.12%	
Mrz			3,526	5,026	788	7,419	5,507	2,181	Performance and Result in 2011			
Apr			4,526	5,276	12,940	1,424	7,646	3,345	6,228	Performance	35,119,425	12.5%
Mai	855		5,776	6,026		1,574	7,266	2,427	2,099	Result	9,885,015	28.15%
Jun	1,355		5,776	6,526		2,056	7,720	6,654	2,043	Performance and Result in 2012		
Jul	2,375		5,776	6,526		1,937	5,930	2,603	7,197	Performance	78,480,136	28.0%
Aug	2,855		6,026	6,526		1,355	6,583	2,120		Result	9,453,809	12.05%
Sep	3,055		4,626	6,526		7,192	4,118	4,874	Performance and Result in 2013			
Ok	2,855		4,026	6,526		50,195	4,827	7,159	2,522	Performance	41,535,907	14.8%
Nov	1,535		2,526	5,026		5,712	5,760	2,020		Result	12,417,356	29.90%
Dez	1,446		1,866	1,706		5,867	6,545	1,806	Performance and Result in 2014			
Total	16,334	48,678	62,498	13,999	100,868	35,119	78,480	41,536	23,918	Performance	279,921,674	100.0%
Linear Calculation				total: 279,922					Result		2,977,946	12.45%
									Total Performance and Result			
									Performance		279,921,674	100.0%
									Result		34,852,225	12.45%
Edinburgh, 12/09/2013	[Redacted]			Edinburgh, 12/09/2013					[Redacted]			
Place and Date	M [Redacted], 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	279,922	279,922	279,922	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-245,069	-245,069	-245,069
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 <small>=1+3+4+5</small>	Forecast Final Revenue	279,922	279,922	279,922	6 <small>=1+2+4+5</small>	Forecast Final Costs	-241,247	-243,267	-243,699

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	279,922		
	Costs	-241,247		
	Result	38,674		
% Gross Margin based on Revenue Best Case	Revenue: 279,922	13.82%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		279,922	
	Costs		-243,267	
	Result		36,655	
% Gross Margin based on Revenue Likely Case	Revenue: 279,922		13.09%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			279,922
	Costs			-243,699
	Result			36,222
% Gross Margin based on Revenue Worst Case	Revenue: 279,922			12.94%
Gross Margin previous month (most likely case)		13.82%	13.09%	12.94%

Project: **Edinburgh Tram Network**  
as per: **31/08/2013**



**2.01 Cost Reconciliation Sheet**

**see following pages**



Project GB-2006-1001JE62 Edinburgh Tram Network 2013-08  
Reporting Month: 64. Report Period, 31/08/2013

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 AQQty. 15	Budget Agreed VO's AQQty. 1	Budget unappr. VO's AQQty. 17	Budget Total AQQty. 18=15+16+17	Revised DJCt AQQty. 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	6,773,357	727,381	7,500,738	7,482,673	0	-18,065	7,482,673	-18,065	510,475	509,239	-1,236	9,613,737	9,613,737	-2,120,279	0	7,493,458	7,789,480	96.06%	306,80	7,807,545	-314,087	-18,806
25.1.201.13	Princes Street (outstanding ...	1,556,254	153,953	1,710,207	1,637,236	0	-72,971	1,692,442	-17,765	0	-5,979	-6,049	1,162,259	1,162,259	583,50	0	1,745,76	1,743,762	97.06%	51,320	1,761,52	-15,765	-75,181
25.1.201.14	SECTION 1D	9,138,408	896,606	10,035,014	10,015,249	0	-19,765	10,015,249	-19,765	511,100	513,932	2,832	10,028,527	10,028,527	374,98	0	10,403,51	10,582,075	94.64%	566,826	10,601,840	-198,326	-20,884
25.1.201.15	SECTION 1CD - SITE WIDE	4,465,922	183,324	4,649,246	4,638,202	0	-11,044	4,638,202	-11,044	86,366	93,999	7,633	5,916,403	5,916,403	1,021,815	0	6,938,218	5,961,904	77.80%	1,323,70	5,972,948	965,270	-14,195
1.1	CONSTRUCTION ON-STREET rev ...	21,933,941	1,961,264	23,895,205	23,773,360	0	-121,845	23,828,566	-66,639	1,108,011	1,111,191	3,180	26,720,926	26,720,926	-139,97	0	26,580,95	26,077,221	91.38%	2,248,655	26,143,860	437,092	-129,067
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	3,258,381	49,741	3,308,122	3,313,040	0	4,918	3,313,040	4,918	635	-531	-1,166	3,810,714	3,810,714	5,20	0	3,815,916	3,365,916	98.43%	52,876	3,360,998	454,918	4,996
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,225	0	0	12,083,223	0	0	0	0	12,083,225	12,083,225	0	0	12,083,225	12,083,223	100.00%	0	12,083,223	0	2
1.2	CONSTRUCTION ON-STREET origi...	19,271,003	49,741	19,320,744	19,356,303	0	35,559	19,325,662	4,918	0	-531	-1,166	22,074,886	22,074,886	-2,215,70	0	19,859,179	19,378,538	99.73%	52,876	19,373,620	485,559	35,637
25.1.201.54	SECTION 5ABC- Trackworks	17,659,916	586,239	18,246,155	16,766,860	0	-1,479,295	18,241,987	-4,168	89,025	102,841	13,816	18,185,633	18,185,633	2,499,434	0	20,685,06	19,977,838	91.31%	1,735,851	19,982,006	703,061	-1,620,080
25.1.201.58	SECTION 5ABC- Structures	36,226,613	60,266	36,286,879	36,259,913	0	-26,966	36,259,913	-26,966	15,430	0	-15,430	40,384,415	40,384,415	116,945	0	40,501,360	38,195,111	94.33%	1,935,198	38,222,07	2,279,283	-28,406
25.1.201.61	SECTION 2	25,954,281	297,550	26,251,831	26,301,235	0	49,404	26,265,318	13,48	246,833	283,248	36,415	25,928,810	25,928,810	13,345	0	25,942,155	26,575,854	98.83%	310,536	26,562,36	-620,212	49,989
25.1.201.62	SECTION 7	17,335,209	53,543	17,388,752	17,385,115	0	-3,637	17,385,115	-3,637	11,768	3,997	-7,771	17,060,851	17,060,851	464,178	0	17,525,029	17,601,393	98.77%	216,278	17,605,030	-80,001	-3,682
25.1.201.63	SECTION 6	17,887,355	0	17,887,355	17,585,111	0	-302,244	17,887,355	0	0	0	0	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	115,063,374	997,598	116,060,972	114,298,234	0	-1,762,738	116,039,688	-21,28	363,056	390,086	27,030	119,143,697	119,143,697	3,220,350	0	122,364,04	120,237,551	96.51%	4,197,86	120,258,835	2,105,212	-1,904,424
25.1.201.21	TTM	3,417,294	33,445	3,450,739	3,511,452	0	60,711	3,487,551	36,812	0	0	0	4,258,521	4,258,521	138,696	0	4,397,21	4,397,217	79.31%	909,666	4,360,405	36,812	76,552
25.1.201.25	Advanced Maintenance	99,098	2,724	101,822	93,763	0	-8,059	93,763	-8,059	8,575	8,068	-507	0	0	202,080	0	202,080	202,080	46.40%	108,31	210,139	-8,059	-17,969
1.4	SECTION 4VIDE	3,516,392	36,169	3,552,561	3,605,215	0	52,654	3,581,314	28,753	8,575	8,068	-507	4,258,521	4,258,521	340,776	0	4,599,29	4,599,297	77.87%	1,017,98	4,570,544	28,753	59,18
	DIRECT JOB COSTS	159,784,710	3,044,772	162,829,482	161,033,112	0	-1,796,370	162,775,230	-54,252	1,480,277	1,508,81	28,53	172,198,030	172,198,030	1,205,445	0	173,403,475	170,292,607	95.59%	7,517,37	170,346,859	3,056,616	-1,938,670
25.1.201.42	HAYMARKET OFFICE	619,484	-19,500	599,984	624,380	0	24,396	608,479	8,495	10,215	10,000	-215	1,030,622	1,030,622	264,808	0	1,295,430	1,060,744	57.36%	4,52,265	1,052,249	243,181	42,531
25.1.201.53	EDINBURGH PARK STORAGE	1,477,592	-2,981	1,474,611	1,479,462	0	4,851	1,479,462	4,851	3,594	5,000	1,406	1,716,758	1,716,758	0	0	1,716,758	1,716,758	86.18%	237,296	1,711,907	4,851	5,629
25.1.201.64	CONSORTIUM OFFICE	4,424,885	42,473	4,467,358	4,481,078	0	13,720	4,481,078	13,720	45,300	45,672	372	6,259,214	6,259,214	2,143,138	0	8,402,35	6,907,532	64.87%	2,426,454	6,893,81	1,508,540	21,150
25.1.201.65	STAFF	24,889,067	58,925	24,947,992	25,012,440	0	64,448	24,930,402	-17,590	234,609	235,000	391	33,262,345	33,262,345	1,310,800	0	34,573,145	29,168,776	85.47%	4,238,374	29,186,366	5,386,779	75,404
25.1.201.66	DESIGN	13,927,843	21,622	13,949,465	13,934,822	0	-14,643	13,927,395	-22,070	21,622	0	-21,622	14,430,459	14,430,459	1,556,440	0	15,986,899	15,979,547	87.16%	2,052,152	16,001,611	-14,718	-16,800
25.1.201.67	FINANCE	1,178,407	86,344	1,264,751	1,298,671	0	33,920	1,278,671	13,920	35,335	41,835	6,500	10,683,311	10,683,311	299,585	0	10,982,896	10,099,008	12.66%	8,820,33	10,085,088	897,808	267,930
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	4,238,954	35,000	4,273,954	4,322,796	0	48,842	4,282,796	8,842	3,874	10,000	6,126	6,699,594	6,699,594	293,584	0	6,993,178	6,268,305	68.32%	1,985,509	6,259,46	733,715	71,490
	INDIRECT JOB COST	51,300,007	221,883	51,521,890	51,697,424	0	175,53	51,532,058	10,168	354,549	347,507	-7,042	74,626,078	74,626,078	5,868,355	0	80,494,433	71,744,445	71.83%	20,212,38	71,734,277	8,760,156	467,335
25.1.201.72	RISKS & OPPORTUNITIES	0	0	0	0	0	0	0	0	0	0	0	5,040,000	5,040,000	0	0	5,040,000	3,032,397	0.00%	3,032,39	3,032,397	2,007,603	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%	3,032,39	3,032,397	2,007,603	0
<b>Total</b>		<b>211,084,717</b>	<b>3,266,655</b>	<b>214,351,372</b>	<b>212,730,536</b>		<b>-1,620,836</b>	<b>214,307,288</b>	<b>-44,08</b>	<b>1,834,824</b>	<b>1,867,33</b>	<b>32,510</b>	<b>251,864,108</b>	<b>251,864,108</b>	<b>7,073,800</b>		<b>258,937,908</b>	<b>245,069,449</b>	<b>87.45%</b>	<b>30,762,161</b>	<b>245,113,533</b>	<b>13,824,375</b>	<b>-1,471,335</b>

Project: GB-2006-1001JE62 Edinburgh Tram Network 2013-08  
Reporting Month: 64. Report Period, 31/08/2013

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-HQ) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
<b>Total Cost incl. Prime Cost Sums</b>		211,084,717	3,266,652	214,351,369	212,730,536		-1,620,833	214,307,288	-44,081	1,834,82	1,867,334	32,510	251,864,10	251,864,108	7,073,79		258,937,906	245,069,44	87.4 %	30,762,161	245,113,530	13,824,376	-1,854,500
<b>Prime Cost Sums 0 / 0</b>																							
<b>Total Cost without Prime Cost Sums</b>		211,084,717	3,266,652	214,351,369	212,730,536		-1,620,833	214,307,288	-44,081				251,864,10	251,864,108	7,073,79		258,937,906	245,069,449		30,762,161	245,113,530		

REMEASURED CONTRACT:

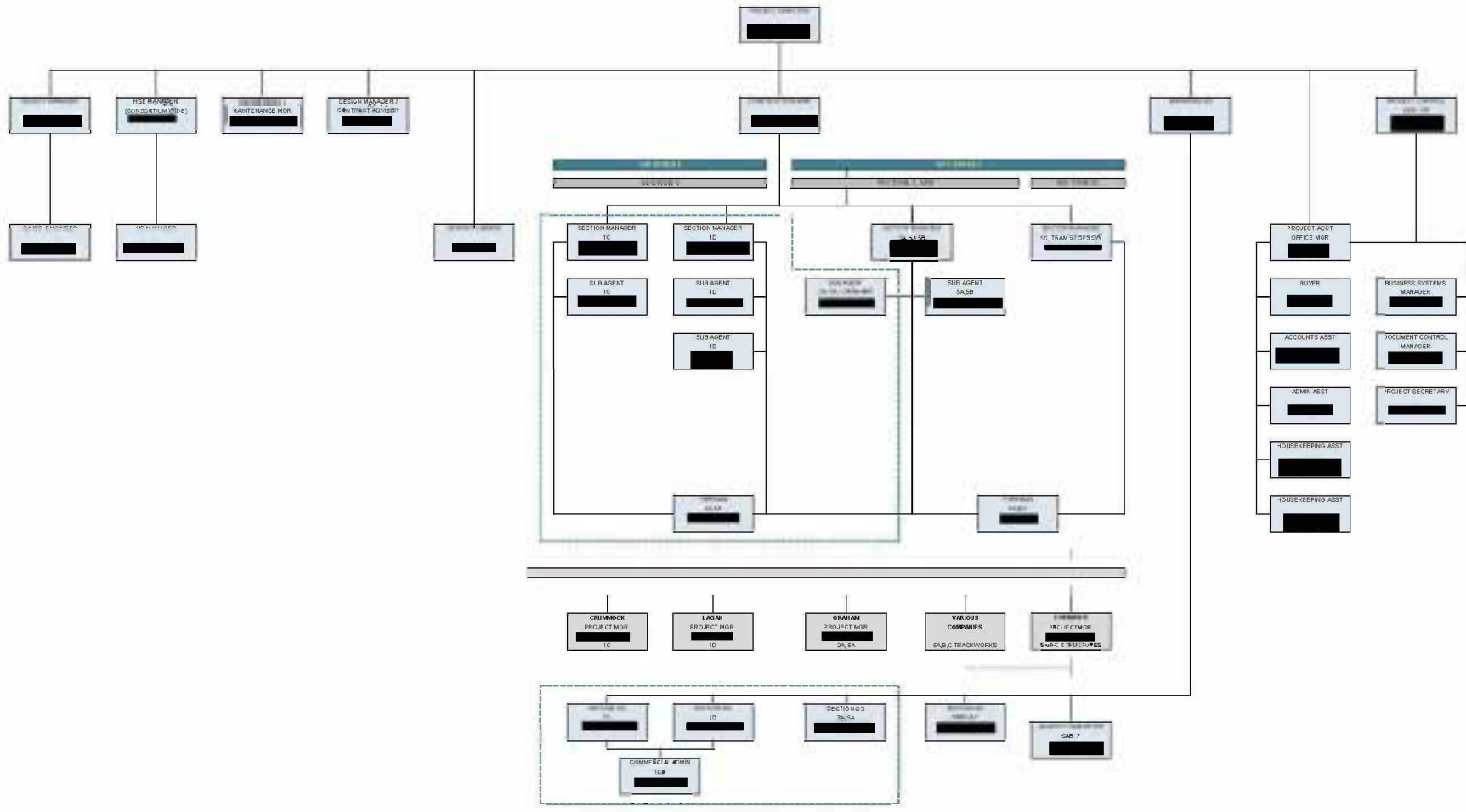
Gross Margin original Contract and agreed VO's (PF = 1.1422, PFB = 1.0810)

Total Cost without Prime Cost Sums			214,351,369	212,730,536			214,307,288						251,864,10	251,864,108	7,073,798		258,937,906	245,069,449			245,113,530		
Gross Margin				17,231,173			30,474,496						19,678,183	19,678,183	1,305,585.00		20,983,768	34,852,225			34,808,144		
Gross Margin in % of Performance				7.49 %			12.45 %						7.25 %	7.25 %	15.58 %		7.50 %	12.45 %			12.43 %		
Performance without Prime Cost Sums				229,961,709			244,781,78						271,542,291	271,542,291	8,379,383		279,921,674	279,921,674			279,921,67		
Actual Cost to date				214,351,369			214,351,369																
Gross Margin to date				15,610,340			30,430,415																
Gross Margin to date in % of Performance				6.79 %			12.43 %																
Performance Prime Cost Sums																							
Total Performance				229,961,709			244,781,784						271,542,291	271,542,291	8,379,383		279,921,674	279,921,674			279,921,674		
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				212,730,536			214,307,288						251,864,10	251,864,108	7,073,798		258,937,906	245,069,449			245,113,530		
Gross Margin				17,231,173			30,474,496						19,678,183	19,678,183	1,305,585.00		20,983,768	34,852,225			34,808,144		
Gross Margin in % of Performance				7.49 %			12.45 %						7.25 %	7.25 %	15.58 %		7.50 %	12.45 %			12.43 %		
valued Performance without Prime Cost Sums				229,961,709			244,781,78						271,542,291	271,542,291	8,379,383		279,921,674	279,921,674			279,921,67		
Actual Cost to date				214,351,369			214,351,369																
Gross Margin to date				15,610,340.00			30,430,415																
Gross Margin to date in % of Performance				6.79 %			12.43 %																
Performance Prime Cost Sums (incl. valued performance)																							
Total Performance (incl. valued performance)				229,961,709			244,781,784						271,542,291	271,542,291	8,379,383		279,921,674	279,921,674			279,921,674		
Revenue according WBS (VO's valued)																							
Revenue according WBS (VO's valued by 100%)																							

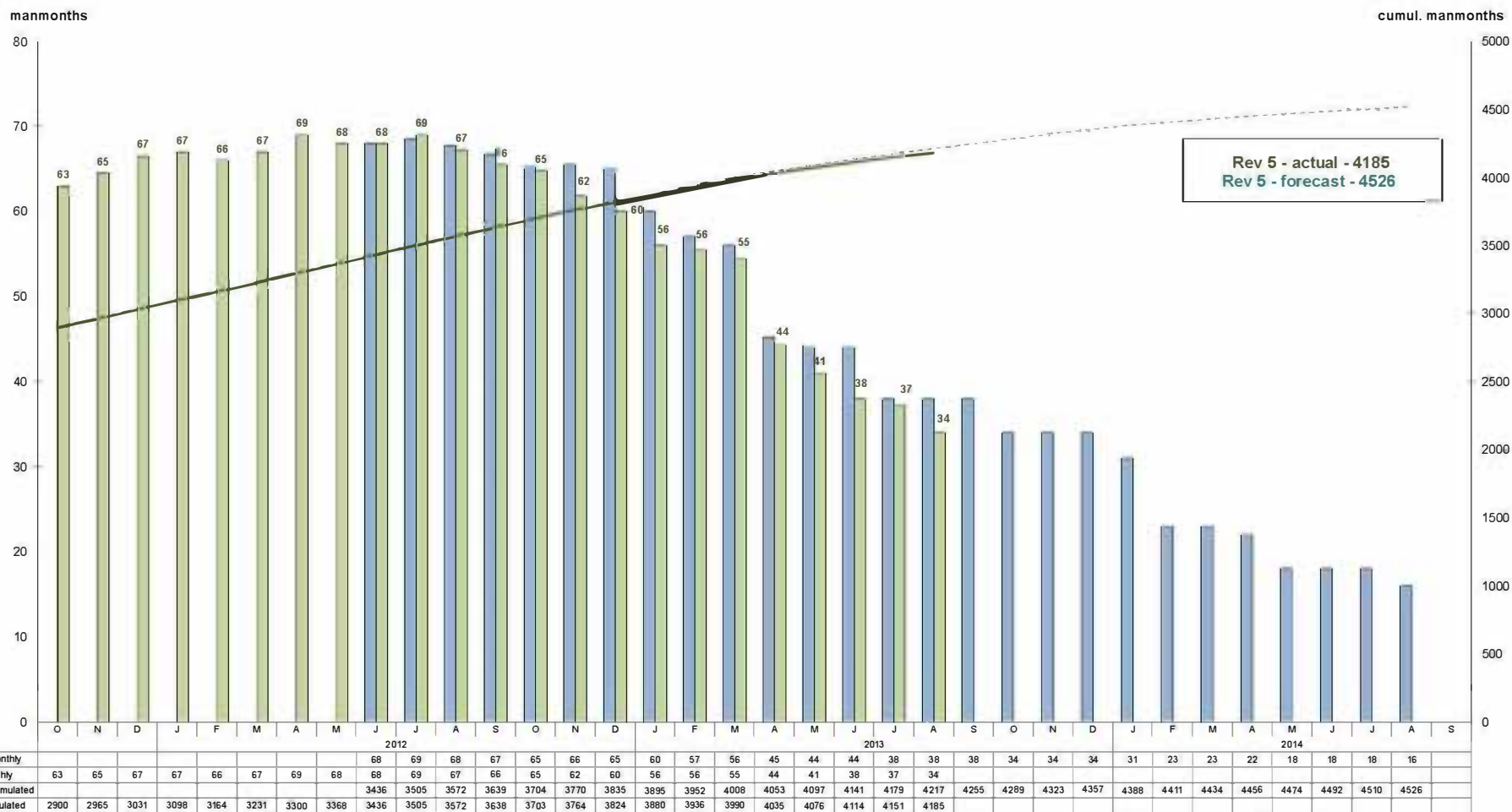
2.05 Organisation Chart



Based at Haymarket Office

**EDINBURGH TRAM NETWORK  
 CIVIL WORKS TEAM**  
 Rev67 01/08/2013

2.06 Staff Chart



month's

2.08a Approved Change Orders

PMC	SVC	ICO	BOT	Design	CST	COST	Risk	Section / Activity	Description	Date Issued	IS	Revenue	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%		
2	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%		
3	503	515		✓				5C	63	Additional cycle path at Depot Access Bridge to Edinburgh Gateway	01/12/2011		16,980.40			12,587.40	2,849.33	1,548.67	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 modelling incorporating new runtime model based on York Place Terminal Agreement (was PMG 14)	29/11/2011		228,652.80			169,409.00	38,869.18	20,786.62	9.09%		
6	506	503A		✓				1C	66	Princes St - new cycle way from The Mound into Princes Street	26/10/2011 30/11/2012		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		233,595.87			173,162.10	39,197.60	21,235.97	9.09%		
9	520	593		✓	✓			63	63	Wave chamber access and alterations to 800mm water main 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	Flow for storm water connection from Gogar Lodge to laid down new sewer tank. CW 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		53,985.15			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	911.36	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	15,564.57	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	8,805.13	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			2,220.90	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	811A		✓				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 Caste 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	2,789.95	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	23/11/2011		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		5,639.59			4,178.35	945.83	512.42	9.09%		
42	540	509A		✓	✓			63	54.66	Amendment to landscaping scope at plot 304 section 7	01/02/2012		201,120.00			3,768.00	152,858.21	33,748.15	18,283.84	9.09%	
45	555,557,562	524D		✓				OH	66	Siemens OLE design update	10/04/2013		108,839.04			80,718.34	18,271.70	9,809.00	9.09%		
46	566	535A		✓				OH	66	On-Street design changes due to utilities conflicts	12/01/2012 01/05/2012		52,677.78			39,049.50	8,839.39	4,788.86	9.09%		
47	568	537B		✓				OH	66	On-Street Design Changes due to track form conflicts	18/05/2013		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			10,063.51	23,782.56	12,884.61	9.09%		
50	567,779	536,673		✓				2A	61.66	On-Street drainage design changes due to utilities conflicts	18/11/2013 31/07/2013		213,895.65			111,711.64	46,839.62	35,890.24	19,444.15	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	153.31	9.09%		
53	559	545		✓				OH	66	Detailed Design of York Place Terminal	03/02/2012		56,439.11			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 29/08/2012		34,458.88			25,544.00	5,782.23	3,132.62	9.09%		

**2.08a Approved Change Orders**

PME	W/C	ICO	BOT	Design	CMT	CMT/2	Risk	Section / Activity	Description	Date Issued	IS	Revenue	Job Estimate Budgets					Revenue		
													BOT	Design	Construction	Provision	Margin		Margin In %	
63	574	542A						2A	61 Haymarket Viaduct/delete parts of cladding	18/07/2012		-5571.34			4,055.13	1,009.72	5064.9	9.09%		
64	571A	573C						1D	66 Hope Street reinstatement	20/03/2013		13,639.74			10,111.00	2,244.76	1,239.98	9.09%		
65	577	544A						3A	61 Omit construction of Haymarket Substation retaining wall and plinth	08/11/2012		-4,687.82			3,697.21	491.72	4,188.9	9.09%		
66	573	546						SWON	15 Remove site investigation allowance	03/02/2012		-57,984.00			52,712.73	0.00	5,271.27	9.09%		
70	586	557A						1C	66 Amended Design on St. Andrew Square	20/08/2012		15,227.51			11,288.00	2,555.19	1,384.32	9.09%		
71	587	555B						SWON	66 Revised Satt Locations and new Satt Specification	13/09/2012		15,512.15			11,499.00	2,602.96	1,410.20	9.09%		
74	588	55						1D	21 Return of parking spaces Stafford Street	20/02/2012										
80	580	662						1C	12 St Andrew Square descops	24/04/2013		-2,156,490.38			1,960,445.80	0.00	196,044.58	9.09%		
81	582	548						5A	61 Deleted Roseburn Viaduct Trespa cladding	09/02/2012		-308,004.00			380,038.4	0.00	28,000.38	9.09%		
83	589	552							62 Deletori of Airport Kiosk	29/02/2012		-150,000.00			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 Diversification of Scottish Power Cable	21/02/2013		2,428.20			1,800.00	407.45	220.75	9.09%		
88	601	560						5C	62.86 Shelters at Gogarburn Tramstop to be 8m length	15/03/2012 14/06/2012		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	08/05/2012		-74,001.12			54,856.26	12,417.47	6,727.37	9.09%		
92	614	567						2A	61 Crew relief wall construction to close void beneath Haymarket Viaduct	04/05/2012		10,797.88			8,004.36	1,811.90	981.63	9.09%		
92	615	568A						2A	66 Design for crew relief wall construction to close void beneath Haymarket Viaduct	09/10/2012		1,900.12			1,408.54	318.44	172.74	9.09%		
93	705	620						2A	66 Haymarket redesign due to LO constraints	14/11/2012		13,669.05			10,133.73	2,293.68	1,242.64	9.09%		
94	607	623						SW	12.13.14 Delete Requirements at all Tramstops for 110v socket for cleaning purposes (on street)	23/10/2012		-6,163.73			4,561.70	1,032.60	550.43	9.09%		
95	608	624						SW	54.61.62.63 Delete Requirements at all tramstops for 110v socket for cleaning purposes (Off Street)	23/10/2012		-368,514.1			27,317.58	6,183.71	3,350.13	9.09%		
98	644	591							withdrawn											
102	612	667						SWON	Stops branding change - On Street	16/05/2013										
105	617	668						SW OFF	Stops branding change - Off Street	16/05/2013										
112	618	576							63 Alteration to 100mm Diameter Manhole	18/06/2012		6,176.31			4,574.44	1,036.59	561.48	9.09%		
115	620	569A							66 Airport Tram Stop Design	27/09/2012		17,783.87			13,183.00	2,884.15	1,616.72	9.09%		
119	627	599						1D	66 St Johns Church deletion of pedestrian barrier	21/08/2012										
120	623	596							25 Goslar Depot Repair	28/06/2012		1,867.15			1,384.10	313.31	169.74	9.09%		
121	663	588						5C	63 Estimate for CEC for purchasing the existing heras fencing surrounding the Mini Test Track	18/07/2012		6,423.86			4,761.96	1,077.93	583.99	9.09%		
124	638A	571B						5C	54 Twin Crossings at Lochside Avenue	05/02/2013		29,051.92			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		16,093.95			11,998.04	2,695.55	1,460.36	9.09%		
148	643	572B						5C	54.58.66 Edinburgh Gateway Works Design & Construction	24/06/2012		2,972,732.16			119,266.00	2,084,390.16	498,827.62	27,024.638	9.09%	
150	647C	577F						1C	66 Design on street works carriage way reconstruction	09/01/2013		27,677.43			20,517.00	4,844.30	2,516.13	9.09%		
151	648	578A						1CD	66 Design cabinet positions for street lighting Pineas Street	14/08/2013										
153	651A	625A						SW	12.13.14.45.54.61.62 Refor installation of Tramstop shelter and Fit Out	01/03/2013		34,941.80			25,902.00	5,863.27	3,176.53	9.09%		
155	657	582A						1CD	66 As-Built Drawings Pineas Street	11/10/2012		3,271.33			2,475.00	548.93	297.39	9.09%		
156	653	583						1C	66 DWG CAD Drawings Design York Place	22/08/2012		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	434.08	335.18	9.09%		
170	667	594B						3A	66 Call off service to respond Network Rail Technical Queries	27/09/2012		10,100.58			7,487.46	1,694.89	918.24	9.09%		

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PME	WIC	ICO	BOT	Design	CST	COT	COT	COT	Section / Activity	Description	Date Issued	TO	Revision	Job Estimate Budgets					Percents	
														BOT	Design	Construction	Professional	Margin		Margin In %
171	698	695							1C 12	YorkPlace, De-scope of Works	12/07/2012		-1,015,155.80		966,815.09		48,340.71	4.76%		
172	719	627B							SW 66,7	TVM details not yet available. Impact to Construction works. May need redesign. Cl 60/Sch45	27/03/2013		68,709.89		10,163.00	40,770.94	11,529.59	6,246.35	9.09%	
173	686	593A							5A 61	ScotRail Pedestrian Access Gate	18/12/2012		4,905.64		3,634.50	833.17	445.97	9.09%		
477	670	592A							1C 66	Design response: Princes St Road Safety Audit	11/10/2012		1,610.77		1,194.05		270.29	146.43	9.09%	
181	679	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 DMG drawings - Drainage	18/02/2013		1,699.39		1,259.74		285.16	154.49	9.09%	
197	685	603A							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-balling works to the operational element of the west abutment line within the Haymarket Depot	23/10/2012		76,413.27		56,844.38	12,822.33	6,946.66	9.09%		
203	664 750	591A 649							5C 62	Gogar Castle Access Road - Road Safety Audit - additional high friction surfacing & road warnings	21/02/2013		6,282.30		4,657.01	1,054.18	571.12	9.09%		
206	691	609A							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	7,814.30	4,238.53	9.09%		
207	672	608C							ON 66	Review and amend design for On Street Drainage	18/05/2013		17,980.76		13,326.95	3,017.19	1,634.61	9.09%		
208		820							SW	Cost Engineering in respect of the Programme	18/10/2012		3,162,387.12	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	690	609B							ON 66	On Street Road Sign - Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TPE 73) - DESIGN	12/02/2013		84,255.98		62,453.10	14,139.24	7,659.63	9.09%		
214	683	604A							62	Trial holes to locate Scottish Water pipe at Gogarburn	22/01/2013		3,348.06		2,481.83	561.81	304.37	9.09%		
215	701B	614D							62,66	Reinstatement 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	18/01/2013		4,801.83		1,618.00	2,746.30	4,365.3	9.09%		
217	685	613A							62	Review and amend design of On Street Road, temporary road surface and install 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%		
229	713	639							2A 61	Haymarket/W18 Network Rail Enhancement into LOD	08/02/2013		117,346.89		86,984.03	19,690.93	10,667.90	9.09%		
229	711	636							2A 61	Fence re-locations at Murrayfield, Scotrail & Royal Mail	29/01/2013									
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	Re-alignment 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	113.18	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		-37,869.84		28,072.53	6,354.60	3,442.71	9.09%		
253	732	673							5A 61	Roseburn Street Pavement Construction	18/06/2013		-12,544.14		9,042.64	2,381.12	1,140.38	9.09%		
254	753	670							2A 58,66	Additional Retaining Walls adjacent to Haymarket ScotRail Depot	31/07/2013		15,378.84		11,400.18		#VALUE!	#VALUE!		
259	759	656							62	Re-grading works at Eastfield Avenue	05/03/2013		23,345.11		17,305.49	3,917.33	2,122.28	9.09%		
260	741	647							SWON 15	Alteration to street lighting poles	07/02/2013									
261	744	634A							5B 54	Carnickknowe Golf Course Drainage	20/08/2013									
262	736	642K							1D 66	Amendment to road markings at Shandwick Place	10/07/2013		5,372.77		3,982.78	0.00	901.56	488.43	9.09%	
264	742	644							5B 54	South Gyle Access Junction supplement by Aegon	12/02/2013									

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										Job Estimate Budgets									
PMC	W/C	ICO	BOT	Design	CBT	Contract	Phase	Section / Activity	Description	Date Issued	Value	BOT	Design	Construction	Provision	Margin	Margin In %	Remarks	
266	751	853A			✓	✓		82	Removal of Gogarium hoarding	18/04/2013	2,488.10			1,829.58	414.15	224.87	9.09%		
267	752	854A			✓	✓		82	Handrail at Gogarium 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 fibre prism at Murrayfield Tramstop	04/03/2013									
272	755	852A			✓	✓		5C	62	Relocation of signage at Gogar Tram Stop	07/05/2013	582.67			431.93	97.77	52.97	9.09%	
273	758	878			✓			2A	61	Haymarket Terrace - High Friction Surface Descoppe	25/07/2013	-19,447.55			11,210.00	6,469.59	1,767.68	9.09%	
NN	754	851A			✓	✓		QFF	68	Additional lighting & bonding to demarcation fencing	18/04/2013	TBC							
278	785	858C			✓	✓		OFF	61	Fencing requirements to Network Rail corridor	23/07/2013	7,881.97			5,820.00	1,319.25	714.72	9.09%	
283	771	865A		✓	✓	✓		SW	68/71	Finalise analysis of the DVE of the CAF tram in accordance with technical standards for passenger CAF	19/08/2013	36,180.18		19,120.00	7,700.00	6,071.07	3,289.11	9.09%	
284	772A	868			✓	✓		SWON	15	Remove requirement for recovery vehicle	10/05/2013	TBC							
286	770	875			✓	✓		2A	61	Removal of parapet wall at Haymarket Station	31/07/2013								
287	773	869			✓	✓		5A	58/66	Water of Leith Bridge Lighting	21/05/2013	TBC							
290	742	844			✓	✓		1C	66	Broughton street review and redesign	18/06/2013	1,942.58			1,440.00	3,259.6	17,680	9.09%	
291	742	844			✓	✓		5C	54	Change ballast within 'B' foot at Edinburgh Gateway	18/08/2013	TBC							
296	782	874			✓			2A	61	Russell Road water main descoppe	31/07/2013	-2,188.25			2,180.25				
298	783	877			✓	✓		5A	61	Murrayfield Tramstop Wall Modification	31/07/2013	TBC							
302	788	881B			✓	✓				Various Safety Related Issues	28/08/2013	TBC							
304	786	882			✓	✓		SW		Tram Infrastructure Drawings for Third Parties	28/08/2013	TBC							
305	794	887			✓	✓		5B	54	Balgreen Helix Crossing - Alter to Town crossing	23/08/2013	TBC							
15	513.1	ICCO				✓		1D	14	Utility Conflict Verification	31/08/2013	19,736.39			12,757.64	5,184.44	1,784.21	9.09%	
26	543	ICCO				✓		1D	14	Utilities affecting the construction of CHLE foundations in Haymarket H1	31/08/2013	288,827.15			18,889.57	75,870.57	26,257.01	9.09%	
28	521	ICCO				✓		1D	14	Provide temporary accommodation and welfare facilities	31/08/2013	1,769.45			1,143.78	4,648.1	160.86	9.09%	
35	547	ICCO				✓		1D	14	Haymarket H1 Third Party affecting our ability to progress the works	31/08/2013	7,889.04			4,970.24	2,019.80	69,900	9.09%	
36	548	ICCO				✓		1D	14	Haymarket H1: BT Fibre Optic Service required Diverted	31/08/2013	95,244.02			61,566.30	25,019.18	8,658.55	9.09%	
37	528	ICCO				✓		1D	14	Haymarket 1 - Sit Trench Excavation to Validate Utilities	31/08/2013	7,523.17			4,866.60	1,977.80	684.47	9.09%	
38	549	ICCO				✓		PSOW	13	Move 3 No OLE's (St John's Church) to central reserve	31/08/2013	37,439.71			24,197.37	9,833.27	3,403.08	9.09%	
40	535	ICCO				✓		PSOW	13	Scottish Water Diversion at Junction of Pinnoes Street and South St David Street	31/08/2013	290,120.48			187,535.68	76,210.81	28,374.59	9.09%	
43	551	ICCO				✓		PSOW	13	Xmas Embargo demob and temp reinstatement	31/08/2013	283,383.50			150,880.47	61,306.35	21,216.68	9.09%	
52	554	ICCO				✓		1CD	15	PMC52 On Street Early Implementation of TM Phase 4 & 5	31/08/2013	4,19,670.53			271,277.50	110,241.16	3,815,187	9.09%	
55	554	ICCO				✓		1CD	15	Traffic Management Design	31/08/2013	10,788.17			6,980.00	2,836.52	981.65	9.09%	
58	570	ICCO				✓		1CD	15	Site Clearance - Omit removal of trees	31/08/2013	-14,077.84			9,100.00	3,698.04	1,279.80	9.09%	
68	598	ICCO				✓		1D	14	PMC 58 - Utilities affecting ability to piece system drainage	31/08/2013	35,888.62			23,066.10	9,873.55	3,243.67	9.09%	
69	598	ICCO				✓		1D	14	PMC 69 - Geotextile Liner to Clifton Terrace Void	31/08/2013	2,018.63			1,304.79	53.024	183.50	9.09%	
72	600	ICCO				✓		1D	14	Shandon place - OLE bases affecting utilities (Piling)	31/08/2013	317,955.29			205,528.17	88,522.09	28,906.03	9.09%	
77a	583	ICCO				✓		1C	12	Amend specification for on street setts - 1C	31/08/2013	188,773.67			120,731.60	49,062.65	16,979.42	9.09%	
77b	583	ICCO				✓		1D	14	Amend specification for on street setts - 1D	31/08/2013	60,294.44			38,974.68	16,838.45	5,461.31	9.09%	
79	606	ICCO				✓		1C	12	St Andrew Sq third party affecting our ability to progress the works	31/08/2013	578,175.35			373,735.95	151,878.01	52,561.40	9.09%	
80	636A	ICCO				✓		PSOW	12	Revised drainage slope and scopes split	31/08/2013	-123,781.25			80,000.00	32,510.23	11,251.02	9.09%	



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PME	WVC	ICD	BOT	Design	CMT	CMT	CMT	CMT	Section / Activity	Description	Date Issued	IS	Revision	Job Estimate Budgets					Reserve
														BOT	Design	Construction	Provisional	Margin	
87	604	ICCO							1C	12	31/08/2013		43,062.28		27,835.68	11,311.80	2,914.75	9.09%	
98a	584	ICCO							1CD	12	31/08/2013		70,023.81		45,263.80	18,394.21	6,365.80	9.09%	
98b	584	ICCO							1CD	14	31/08/2013		-326,016.12		210,738.74	85,639.65	29,637.83	9.09%	
99	629	ICCO							1D	14	31/08/2013		13,318.98		8,609.08	3,498.54	1,210.76	9.09%	
100	630	ICCO							1D	14	31/08/2013		10,886.98		7,103.34	2,886.64	989.00	9.09%	
101	631	ICCO							1D	14	31/08/2013		8,212.04		5,308.31	2,157.18	746.55	9.09%	
103	613	ICCO							1C	15	31/08/2013		10,189.48		6,586.54	2,676.62	926.32	9.09%	
104	614	ICCO							SW	15	31/08/2013		9,475.92		6,125.29	2,480.18	861.45	9.09%	
108	590	ICCO							1CD	13	31/08/2013		34,833.27		22,516.43	9,150.18	3,166.66	9.09%	
109	600	ICCO							1CD	13	31/08/2013		26,459.37		17,109.31	6,952.84	2,406.22	9.09%	
110	600	ICCO							1CD	13	31/08/2013		10,609.78		6,987.51	2,839.57	982.71	9.09%	
114a	611	ICCO							1D	14	31/08/2013		-78,348.59		50,644.99	20,581.00	7,122.60	9.09%	
114b	611	ICCO							1C	12	31/08/2013		-128,761.29		80,000.00	32,510.23	11,251.02	9.09%	
126	629	ICCO							1D	14	31/08/2013		12,848.94		8,305.63	3,375.22	1,168.09	9.09%	
127	630	ICCO							1D	14	31/08/2013		19,821.26		12,812.57	5,206.74	1,801.93	9.09%	
128	546	ICCO							1D	14	31/08/2013		5,364.34		3,467.54	1,409.13	487.67	9.09%	
129	543	ICCO							1D	14	31/08/2013		5,189.97		3,354.83	1,363.33	471.82	9.09%	
130	547	ICCO							1D	14	31/08/2013		766.25		495.31	201.28	69.66	9.09%	
132	543	ICCO							1D	14	31/08/2013		1,219.23		787.47	320.01	110.76	9.09%	
133	570	ICCO							1D	14	31/08/2013		3,783.52		2,445.69	993.67	343.96	9.09%	
135	635	ICCO							1D	14	31/08/2013		10,371.04		6,703.90	2,724.32	942.82	9.09%	
137	637	ICCO							1C	12	31/08/2013		7,346.36		4,748.78	1,929.78	667.85	9.09%	
144a	639	ICCO							1C	15	31/08/2013		98,610.89		63,742.66	25,903.60	8,964.63	9.09%	
144b	639	ICCO							1C	15	31/08/2013		87,023.62		56,252.58	22,859.80	7,911.24	9.09%	
144c	639	ICCO							1C	15	31/08/2013		47,292.27		30,550.61	12,415.09	4,299.57	9.09%	
145	645	ICCO							PSDW	13	31/08/2013		216,907.90		140,210.54	56,879.46	19,715.90	9.09%	
157	599	ICCO							1D	14	31/08/2013		3,456.93		2,234.58	908.08	314.27	9.09%	
158	629	ICCO							1D	14	31/08/2013		5,992.86		3,867.42	1,571.63	543.91	9.09%	
159	629	ICCO							1D	14	31/08/2013		16,162.55		10,447.57	4,245.66	1,469.32	9.09%	
160	547	ICCO							1D	14	31/08/2013		3,472.21		2,244.46	912.10	315.66	9.09%	
161	645	ICCO							PSOW	13	31/08/2013		6,346.82		4,102.62	1,897.21	578.66	9.09%	
162	645	ICCO							PSOW	13	31/08/2013		15,470.16		10,000.00	4,063.78	1,408.98	9.09%	
163	645	ICCO							PSOW	13	31/08/2013		3,810.14		2,462.90	1,000.87	346.38	9.09%	
164	645	ICCO							PSOW	13	31/08/2013		3,294.49		2,128.58	865.41	299.50	9.09%	
165	645	ICCO							PSOW	13	31/08/2013		18,939.23		12,942.43	4,975.05	1,721.75	9.09%	
166	600	ICCO							PSOW	13	31/08/2013		517.32		334.40	135.89	47.03	9.09%	
167	554	ICCO							1D	14	31/08/2013		1,299.14		838.77	341.28	118.10	9.09%	
176	660	ICCO							SW	15	31/08/2013		4,805.20		3,106.11	1,262.25	436.84	9.09%	

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TNC	SVC	ICD	BOT	Design	CST	COST	Risk	Section / Activity	Description	Date Issued	TS	Revenue	Job Estimate Budgets					Revenue	
													BOT	Design	Construction	Professional	Margin		Margin In %
178	642	ICCO						1C	12	YP Tramstop Associated Works	31/08/2013	66,334.05			42,878.72	17,424.96	6,030.37	9.09%	
179	642	ICCO						1D	14	Revised scope for street lighting, road signs & traffic signals	31/08/2013	-347,819.62			224,832.65	91,367.01	31,619.97	9.09%	
180	680	ICCO						1D	15	Review of single bus lane running west to east through Coates Crescent on to Princes Street via Shandwick Flavia	31/08/2013	2,421.08			1,565.00	635.94	220.10	9.09%	
182	678	ICCO						1D	15	Temporary Traffic Management to retain existing access to Bus Station on Elder Street TNC 678 & TNC 678A	31/08/2013	37,998.67			24,543.17	9,973.80	3,451.70	9.09%	
183	677	ICCO						1D	14	Temp Roundels	31/08/2013	1,390.77			899.00	365.33	126.43	9.09%	
184	665	ICCO						1C	15	Removal of temporary traffic management from Princes Street between Waverley Bridge and South St Andrew Street (the partial plug) TNC 665	31/08/2013	5,549.92			3,587.50	1,457.88	504.54	9.09%	
185	658	ICCO						1D	14	Shandwick Walls and Paths	31/08/2013	-198,627.86			128,394.22	52,176.57	18,057.08	9.09%	
187	543	ICCO						1D	14	Remedials on handback to H1, 2, 3	31/08/2013	15,085.04			9,751.06	3,982.61	1,371.37	9.09%	
188	600	ICCO						1D	14	OLE 131, 128A fill below formation	31/08/2013	9,477.76			6,126.48	2,489.67	861.61	9.09%	
190	645	ICCO						1C	13	PN43 Investigation	31/08/2013	1,134.07			733.07	297.90	103.10	9.09%	
191	698	ICCO						1D	14	Contaminated Material in SP4	31/08/2013	70,663.98			45,677.61	18,582.37	6,424.00	9.09%	
193	547	ICCO						1D	14	Placement and removal of material between track slab in SP2 & SP6	31/08/2013	2,217.63			1,433.49	582.54	201.60	9.09%	
204	682	ICCO						1D	14	Crescent Footpath De-Scope	31/08/2013	-49,985.02			32,297.88	13,125.06	4,542.27	9.09%	
205	693	ICCO						1D	14	Shandwick Place, additional kerbing and footpath reinstatement	31/08/2013	32,948.36			21,323.87	8,665.65	2,998.94	9.09%	
206	641	ICCO						1C	12	Cathedral Lane Substation Investigation Works	31/08/2013	3,913.50			2,529.71	1,028.02	355.77	9.09%	
218	699	ICCO						SW	15	TNC 699 Ped Walkway Dairy Road	31/08/2013	4,134.74			2,672.72	1,086.13	375.89	9.09%	
220	645	ICCO						1C	12	Additional Central Reserve Works	31/08/2013	7,188.19			4,646.49	1,888.28	653.47	9.09%	
221	697	ICCO						1D	14	Remedial Works to OLE foundations Clif Terrace	31/08/2013	19,827.65			12,816.71	5,208.43	1,802.51	9.09%	
222	707	ICCO						SW	15	TNC 707A TM Apple Store Site	31/08/2013	2,349.36			1,518.64	617.14	213.58	9.09%	
224	641	ICCO						1C	12	Cathedral Lane Substation Investigation Works	31/08/2013	207,238.55			133,998.22	54,438.46	18,839.87	9.09%	
225	700	ICCO						1D	14	Hope Street construction works	31/08/2013	33,188.76			21,453.41	8,718.19	3,017.16	9.09%	
227	639	ICCO						1C	12	York Place Hazarding Design	31/08/2013	2,724.05			1,760.84	715.57	247.64	9.09%	
233	564	ICCO						1C	15	Frictioning Descopes	31/08/2013	8,036.12			5,241.00	2,373.65	821.47	9.09%	
237	564	ICCO						1C	15	Tracking and Modelling CEC request	31/08/2013	6,907.42			4,465.00	1,814.48	627.95	9.09%	
238	606	ICCO						1C	12	Making Manhole shutters and enclosed	31/08/2013	30,820.43			19,922.51	8,096.07	2,801.86	9.09%	
239	682	ICCO						1C	12	1C3 Re-scope of De-scoped Ducting	31/08/2013	6,735.21			4,353.68	1,769.24	612.29	9.09%	
240	687	ICCO						1C	12	Additional Kell cost for supply as new	31/08/2013	100,791.56			65,152.26	26,476.43	9,162.87	9.09%	
245	728	ICCO						SW	15	Protestian management during Christmas Shutdown	31/08/2013	22,632.57			14,823.75	6,024.04	2,084.78	9.09%	
246	729	ICCO						1C	15	Princes St South St Andrew St - Traffic Light Alterations	31/08/2013	4,083.72			2,639.74	1,072.73	371.25	9.09%	
251	735	ICCO						1D	14	Queensferry Street / Lothian Rd Junction	31/08/2013	39,854.33			20,914.03	8,499.00	2,941.30	9.09%	
255	738	ICCO						1C	12	Descopes Site Clearance Items	31/08/2013	-229,018.73			143,653.00	58,326.76	20,188.98	9.09%	
256	740	ICCO						1D	14	Hillmarket Island - amend levels	31/08/2013	5,078.42			3,282.72	1,334.02	461.67	9.09%	
258	739	ICCO						1C	12	Dublin Street Steps	31/08/2013	38,675.39			25,600.00	10,159.45	3,515.94	9.09%	
260	741	ICCO						1D	14	Alterations to Street Lighting Poles 1D	31/08/2013	31,832.46			20,576.71	8,361.92	2,893.86	9.09%	
263		ICCO						1C	15	Additional copies at PS Tramstop	31/08/2013	2,255.55			1,458.00	592.50	205.05	9.09%	

2.08a Approved Change Orders

											Job Estimate Budgets							
PMC	W/C	ICD	BOT	Design	CBT	Contract	Inv	Section / Activity	Description	Date Issued	Value	BOT	Design	Construction	Provisional	Margin	Margin In %	Reserve
265	749	ICCO					✓	1D 14	Footway Works outside Haymarket Station	31/08/2013	15,078.51			9,748.84	3,960.90	1,370.77	9.09%	
268	796	ICCO					✓	1D 14	Widening of temp Ped walkway at Haymarket	31/08/2013	2,151.77			1,890.92	565.24	195.62	9.09%	
274	766	ICCO					✓	1D 15	Additional cost of flood lighting	31/08/2013	16,244.14			10,500.31	4,267.09	1,476.74	9.09%	
277	761	ICCO					✓	1C 12	Re-Scope of Road Markings St Andrew Square	31/08/2013	6,749.71			4,385.91	1,783.56	617.25	9.09%	
289	642	ICCO					✓	1C 12	York Place Underground Structure	31/08/2013	17,345.88			11,238.32	4,567.00	1,580.53	9.09%	
294	584	ICCO					✓	1D 14	Surfacing Indpas	31/08/2013	13,722.03			8,870.00	3,604.57	1,247.46	9.09%	
285		ICCO					✓	1C 12	Additional 22m of YP Track	31/08/2013	31,264.40			20,209.49	8,212.69	2,842.22	9.09%	
<b>TOTALS</b>											<b>8,379,383.36</b>	<b>4,970,981.09</b>	<b>1,557,568.20</b>	<b>1,109,857.61</b>	<b>1,655,106.48</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	

7,073,798.15

Project: **Edinburgh Tram Network**  
 as per: **31/08/2013**

**2.08b Unapproved Changes**

PMC	TNC	TCO	EOT only	SDS only	Section	Description	Notified	Assessment			Status on unapproved changes		Remarks
								Maximum	assessed	Minimum	Submitted	to be submitted	
224	641				1C	Construction of Cathedral Lane Substation and Retaining Walls	06/10/2012	365,021	257,263	164,263	296,831	+	
264	742				5B	Reinstating South Gyle Access Junction - Reinstatement supplemented by Access	12/02/2013	123,244	60,100	55,460	123,244	+	
278	765				2A/5A	Fencing requirements to Network Rail corridor	08/04/2013						
287	773				5A	Water of Leith Lighting	21/05/2013						
281	777					VE to vary material at Edinburgh Gateway using ballast in "6 foot"	16/06/2013	5,114	3,321	2,201	5,114	+	
293	778				5A	Estimate for design approvals & EOT cost for new timber steps (Scotrail)	23/07/2013						
302	782				2A/5A	Various safety related issues	15/08/2013						
305	784					Balgreen Pelican Crossing - Alter to Toucan crossing	28/09/2013						
306						Section B1 Handover	24/08/2013						
<b>TOTALS</b>								<b>483,153</b>	<b>314,050</b>	<b>217,419</b>	<b>483,153</b>		
											submitted	under preparation	
											maximum potential of changes		<b>483,153.19</b>

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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									0				
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
64	MONTH	4,723,684	72	2,511,163	2,472,576	-38,587	0	0	0	2,472,576	21/08/2013	21/08/2013	2,472,576
Aug-13	ACCUM	244,781,784		274,306,135	274,008,066	-298,069				274,008,066			274,008,066
												<b>274,008,066</b>	

Project: **Edinburgh Tram Network**as per: **31/08/2013**

## 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	83	44	56	67%	62	3	51	0	82%
1D	97	28	75	77%	43	0	37	0	86%
2A	33	5	31	94%	125	2	121	2	97%
5A	108	20	90	83%	63	0	58	1	92%
5B	122	37	96	79%	100	0	75	5	75%
5C	63	20	52	83%	80	0	64	0	80%
6	36	0	36	100%	125	0	125	0	100%
7A	193	0	193	100%	73	0	73	0	100%
System NCRs (non-audit)					680	5	613	8	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.

Project: **Edinburgh Tram Network**

as per: **31/08/2013**



**2.12 Safety Information System - SIS**

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

Month **Aug-13** Prepared by [redacted] Contact [redacted] bilfinger.co.uk

Site or office and Unit <sup>5</sup>	Bilfinger CO <sup>1</sup> Managers, Supervisors, Foremen	Bilfinger CO <sup>1</sup> workers	JV people under Bilfinger CO control	Sub-contractors <sup>3</sup>	Agency / hired people / Bilfinger SE workers eg BIS	Total	Others, eg public
Number	40		39	230		309	
Hours <sup>2</sup>	6179		6067	46320		58566	

**Accidents in this month** (if no accidents but a previous accident person is still away from work, write in calendar days lost but leave accident space clear)

Fatal						0	
Serious: over 3 days injury				1		1	
Duty travelling / commuting 1D+						0	
LTI: 1 -3 days injury						0	
1st Aid only						0	
Calendar days lost this month + from any previous ongoing accidents						0	

**Incidents**

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

**Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents, plus any work-related 'Health' incidents**

IP Name or incident location/Ref	Employer	Injury / Incident	date of acc / inc	Return to work date <sup>4</sup>	Cal days lost this month. Max 30
[redacted]	[redacted]	Whilst trying to dislodge a chisel with a hammer that was wedged between to sections of rebar Mr Roberson managed to hit himself on the eye with the hammer	04-Jul-13		30
[redacted]	[redacted]	During surfacing operations the injured person fell backwards whilst entering the roller onto his wrist	14 Aug-13		16

1. Average number of Bilfinger CO staff or site workers during the month.  
 2. Hours should be included if known. Do not leave boxes blank eg make an estimate or multiply number of staff by monthly hours worked eg x 200  
 3. Subcontractor numbers should be estimated if no exact figure known. Average part time workers over month eg 10 workers for half a month = 5.  
 4. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known  
 5. These are summary Bilfinger CO Group figures including all R&T's on site. For separate Regions or Technology Reports, please send a R&T specific report to the R&T  
 6. Days lost are now calendar not working days, but maximum 180. You may have days lost to continue to report from an old accident but no accidents this month  
 \*Definition for a 3D+ accident includes weekends but not day of accident. You should check if man is available or fit for work during a weekend, then it may not be a 3Day+

**2.13 Project Photographs**

Picture 01

Section 1C

York Place



Picture 02

Section 1C

Tram Stop at St. Andrew Square





2.13 Project Photographs

Picture 03

Section 1C/1D

Princes Street



**2.13 Project Photographs**

Picture 04

Section 1D

Haymarket



Picture 05

Section 1D

Tram Stop at Haymarket

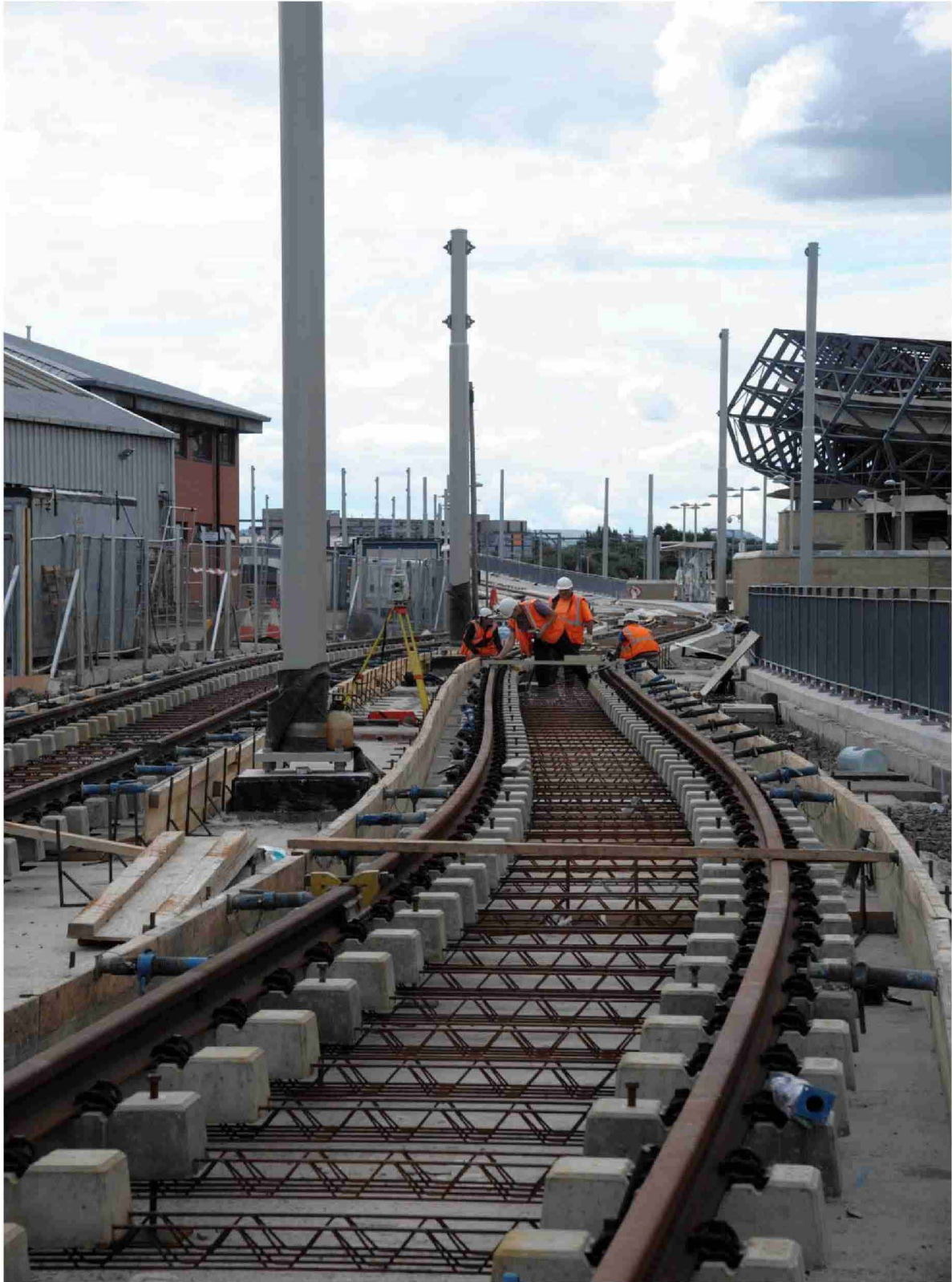


2.13 Project Photographs

Picture 06

Section 5A

Murrayfield

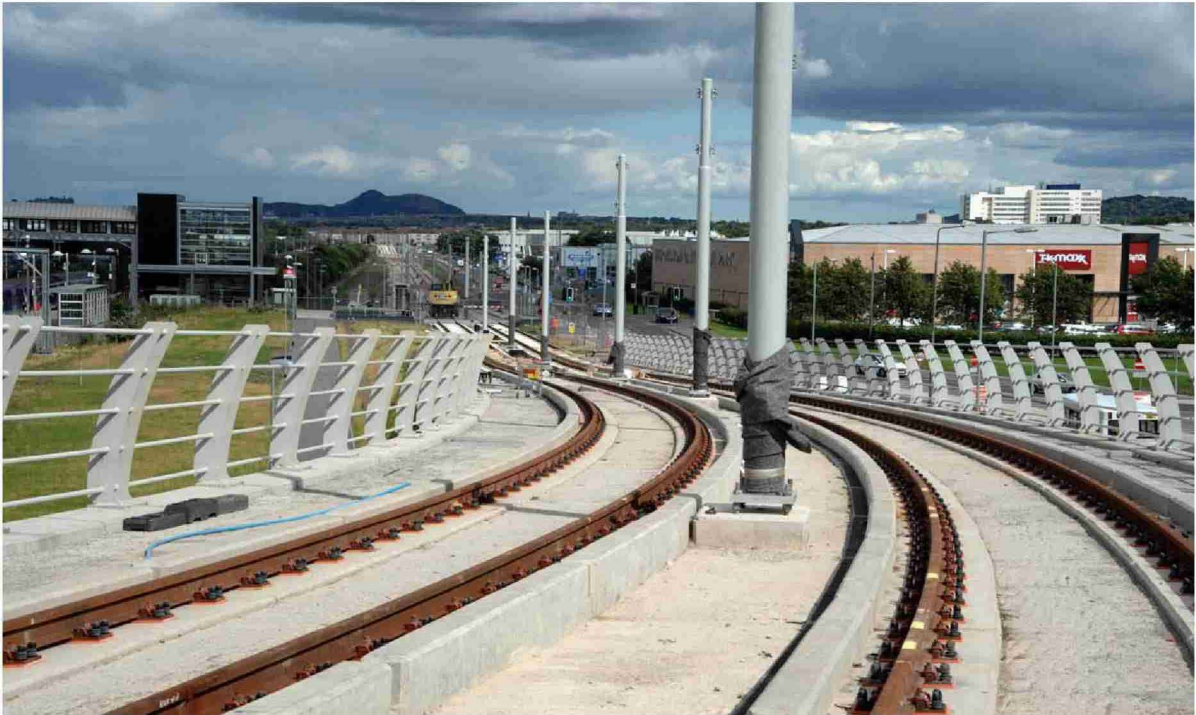


**2.13 Project Photographs**

**Picture 07**

**Section 5B**

**Edinburgh Park Bridgeaccess ramp**



**Picture 08**

**Section 5B**

**Tram Stop at Edinburgh Park Central**



**2.13 Project Photographs**

Picture 09

Section 5B

Track at Edinburgh Park



Picture 10

Section 5C

Edinburgh Gateway



### 3.01 Overview of Contingencies

Estimated Risks from Risk & Opportunity Sheet / Top Sheet		estimated	used	reduced	remaining
		GBP	GBP	GBP	GBP
<b>Contractual Risks</b>					
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
<b>Total Contractual Risks</b>		<b>690,024</b>	<b>0</b>	<b>-627,295</b>	<b>62,729</b>
<b>Design Risks</b>					
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
<b>Total Design Risks</b>		<b>272,873</b>	<b>0</b>	<b>-250,918</b>	<b>21,955</b>
<b>Construction Risks</b>					
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
<b>Total Construction Risks</b>		<b>1,081,770</b>	<b>0</b>	<b>-41,401</b>	<b>1,040,368</b>
<b>Commercial Risks</b>					
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
<b>Total Commercial Risks</b>		<b>2,995,333</b>	<b>0</b>	<b>-1,087,989</b>	<b>1,907,343</b>
<b>Other Risks</b>					
				0	0
				0	0
				0	0
				0	0
<b>Total Other Risks</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Values</b>		<b>5,040,000</b>	<b>-</b>	<b>- 2,007,603</b>	<b>3,032,397</b>