



**BILFINGER** Bilfinger Construction GmbH

# EDINBURGH TRAM NETWORK

## Monthly Project Report October 2013



## Monthly Report Major Projects

**Project: Edinburgh Tram Network**

**Reporting Period: October 2013**

### TABLE OF CONTENTS

<b>1.</b>	<b>Executive Summary</b>	
1.01	Project Overview Charts	
1.02	Short Note on Overview Charts	
1.03	General Information	
1.04	Performance Sheet	
1.05	Weighted Result with Chances and Risks	
<hr/>		
<b>2.</b>	<b>Performance Report</b>	
2.01	Cost Reconciliation Sheet	
2.02	Construction Programme	n/a
2.03	Comparison of Relevant Basic Data - Figures shown in Table	n/a
2.04	Comparison of Relevant Basic Data - Figures shown in Diagrams	n/a
2.05	Organisation Chart	
2.06	Staff Chart	
2.07	Plant & Equipment List	n/a
2.08a	Approved Change Orders	
2.08b	Unapproved Changes	
2.09	Payment Status	
2.10	Subcontracts	n/a
2.11	Monthly Report on Quality Management	
2.12	Safety Information System - SIS	
2.13	Project Photographs	n/a
<b>3.</b>	<b>Attachments</b>	
3.01	Overview Movements of Contingencies	
3.02	Design - Drawing Status	n/a

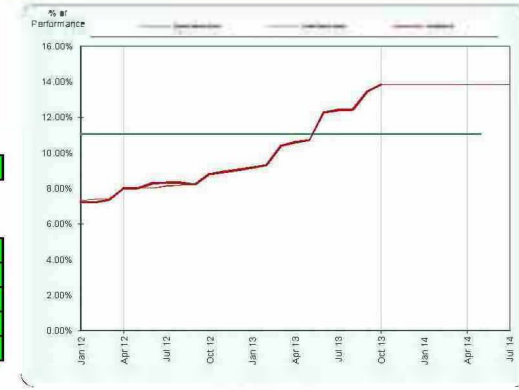
**1.01 Project Overview Charts**



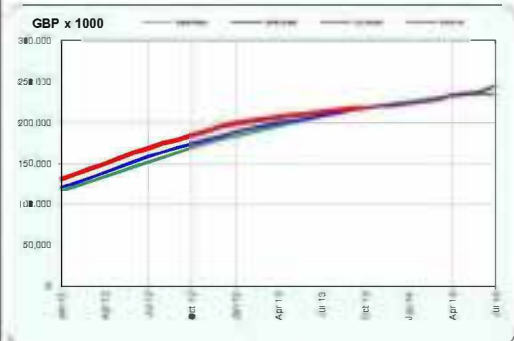
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date		15-May-08				
Construction end date	16-Jul-11	08-Jul-14	08-Jul-14	08-Jul-14	0.0 month	green
Total contract value [GBPx1000]	141,509	271,542		280,445		
Claims / Variations approved				8,903		
Claims / Variations not approved				677		
Performance		252,810	252,895	252,910	100.0%	green
Actual Cost to Date				217,894	100.0%	green
Result	11.07%	7.23%	13.83%	13.85%	6.6%	green
Payment Status		252,810	278,167	278,168	100.0%	green
Av. Perf/mth: Rem. & act 3mth			960	3,416		green

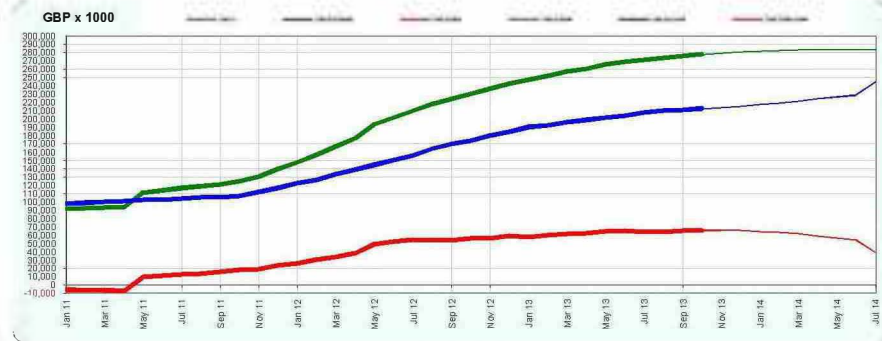
Project Key Figures



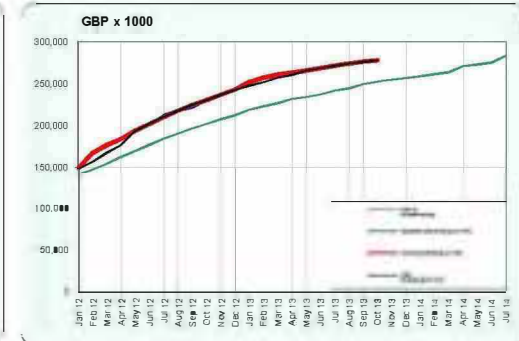
Project Result



Project Cost



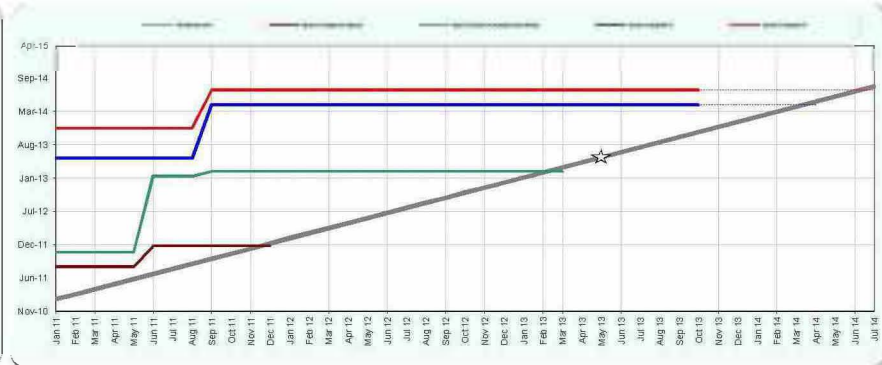
Cashflow



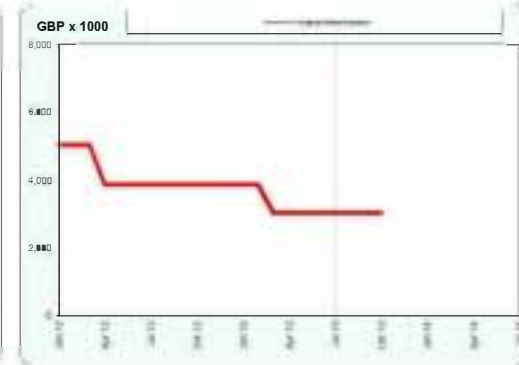
Payment Status



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:	£2,336,129
Planned performance:	<u>£2,322,000</u>
Variance:	£14,129

### 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:	£35,015,605	or	13.85%
Forecast/planned result:	£39,228,120	or	13.83%
Weighted margin out of R&O:	£41,020,213	or	14.46%

### 1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£278,168,053
Paid net from the client:	<u>£278,168,053</u>
Variance	£0

### 1.2.5 Cashflow

The ETN project cash position follows the forecast on the basis of the revised milestone payment schedule and effective cash management.

Cash in net:	£279,173,185	(incl. interest income)
Cash out net:	£213,219,102	
Cash balance net:	£65,954,083	

### 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	

Sectional B1 completion date has been agreed with the client (non-contractual).

Sectional B1 Completion Date: 20 December 2013

## 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 and as-built drawing production ongoing.</p> <p><u>Procurement :</u> All subcontract arrangements are in place, minor purchase on finishing works and tender enquiry for maintenance ongoing.</p> <p><u>Construction :</u> During October works were performed in accordance with the agreed Programme Rev5.</p> <p><u>Contract :</u> Settlement Agreement signed on 15th September 2011 which defines new contractual arrangements for the Off Street Works and On Street Works up to York Place (retrunked line) with a revised Contract 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>During October 5 new or revised and further On-Street-Works changes were issued. The Variation Order value increased by £68,657 to £8,902,816 in total.</p>		
<b>1.3.2</b>	<b>Significant extraordinary events</b>		
	Date	Description	Remarks
	07/10/2013	Energiezation of Section B1	
<b>1.3.3</b>	<b>Recent important agreements with the Employer or instructions having significant consequences</b>		
	Date	Description	Remarks
<b>1.3.4</b>	<b>Status on Major Unapproved Claims / Variations / Changes</b>		
	Several changes have been notified (see list "2.08b Unapproved Changes").		

## 1.04 Performance Sheet

1. General Information		2. Construction Period		Original Contract	Revised Contract	Variance
Client:	The City of Edinburgh Council	Construction start date	15-May-08	15-May08	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	65.5 month	65.5 month	88.8 %	
Rate of Exchange Top Sheet:	1 GBP = 1.11 EUR	Performance to date	<b>252,909,617 GBP</b>		89.2 %	

2. Total Contract Value		Date of Contract	Total Previous Month		October 2013	Total Reporting Month	
Main Contract Value with Client (Rev 4)	271,542,291 (incl. SDS NovaAgree)	100.00%	280,376,451	103.3%	68,657	280,445,107	103.3%
Other Contract Value with Client (Phase 1b)			3,200	0.0%	3,196,800	3,200,000	1.2%
			<b>280,379,651</b>	<b>103.3%</b>	<b>3,265,457</b>	<b>283,645,107</b>	<b>104.5%</b>

3. Claims and Variations		Total Previous Month		October 2013	Total Reporting Month	
Claims and Variations approved		8,834,160	3.3%	68,657	8,902,816	3.3%
Claims and Variations submitted but not approved yet		141,547	0.1%	535,920	677,467	0.2%
Claims and Variations under preparation		0	0.0%	0	0	0.0%

4a. Performance		Total Previous Month		October 2013	Total Reporting Month	
Performance for Actual Contract Value with Client		250,573,488	89.37%	2,336,129	252,909,617	90.18%
Performance for 3rd Parties (without interest)		0	0.00%	0	0	0.00%
Total Performance to Date		250,573,488	89.37%	2,336,129	252,909,617	89.16%
Remaining Performance to Date		29,806,163	10.63%		30,735,490	10.84%
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		250,573,488	89.37%	2,322,000	252,895,488	90.18%

4b. Cost		Total Previous Month		October 2013	Total Reporting Month	
Actual Cost at Reporting Date		216,934,592	77.37%	959,420	217,894,012	76.82%

5. Result		Date of Contract	Total Previous Month		October 2013	Total Reporting Month	
Planned Result for Contract with Client (revised evaluation)	19,632,508	7.23%	38,122,276	13.60%	1,105,844	39,228,120	13.99%
Actual Result at Reporting Date			33,638,896	13.42%	1,376,709	35,015,605	13.85%
Forecast Result at the End of Contract			37,692,518	13.44%	1,535,602	39,228,120	13.83%
Weighted Result at the End of Contract (Likely Case)			39,924,578	14.08%	1,095,636	41,020,213	14.46%

6. Invoices, Payment and Bank account		Total Previous Month		October 2013	Total Reporting Month			
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	276,315,117	98.55%	2,003,024	278,318,141	99.24%
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	276,143,280	98.49%	2,024,773	278,168,053	99.19%
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	276,143,280	98.49%	2,024,773	278,168,053	99.19%
Cash in from 3rd Parties - excl. VAT				0	0.00%	0	0	0.00%
Interest income				1,000,107	0.40%	5,025	1,005,132	0.40%
Cash out (excl. VAT)				210,910,826	75.22%	2,308,276	213,219,102	75.17%
Net Liquidity	creditline	0	0%	66,232,561	23.62%	-278,478	65,954,083	23.25%

7. Subcontractor Work (incl. Design)		Total Previous Month		October 2013	Total Reporting Month		
Total Portion of Subcontractor Budget (first evaluation)	186,628,491 (incl. SDS)	68.73%	189,724,458	67.67%	46,699	189,771,157	66.90%
Total Amount of signed Subcontracts incl. approved Variation Order			0	0.00%	0	0	0.00%
Total Subcontractor Result to date			0	0.00%	0	0	0.00%
Actual Subcontractor Costs to date (incl. Accruals)			0	0.00%	0	0	0.00%
Therefrom invoiced to date			0	0.00%	0	0	0.00%

8. Actual Forecast for Performance and Result in TSD GBP

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

Linear Calculation

Actual / Forecast				
2008-2010	2011	2012	2013	2014
	1,573	5,817	4,419	2,463
	815	6,518	3,239	2,407
2008	788	7,419	5,507	2,481
12,940	1,424	7,646	3,345	6,928
	1,574	7,266	2,427	2,099
2009	2,056	7,720	6,654	2,043
37,734	1,937	5,930	2,603	8,503
	1,355	6,583	2,120	
2010	7,192	4,118	5,792	
50,195	4,827	7,159	2,336	
	5,712	5,760	2,020	
	5,867	6,545	1,792	
<b>100,868</b>	<b>35,119</b>	<b>78,480</b>	<b>42,254</b>	<b>26,924</b>
<b>total: 283,645</b>				

Yearly Forecast		
Performance and Result in 2008-2010		
Performance	100,868,316	35.6%
Result	118,099	0.12%
Performance and Result in 2011		
Performance	35,119,425	12.4%
Result	9,885,015	28.15%
Performance and Result in 2012		
Performance	78,480,136	27.7%
Result	9,453,809	12.05%
Performance and Result in 2013		
Performance	42,253,611	14.9%
Result	16,047,661	37.98%
Performance and Result in 2014		
Performance	26,923,619	9.5%
Result	3,723,537	13.83%
Total Performance and Result		
Performance	283,645,107	100.0%
Result	39,228,120	13.83%

Edinburgh, 21/11/2013

M Foerder, Project Director

Edinburgh, 21/11/2013

C Gebauer, Project Control Manager

Project: GB-2006-1001JE64 Edinburgh Tram Network 2013-10  
Reporting Month: 66. Report Period, 31/10/2013

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE									CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL				
Work- / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allowable incl. agreed VO's 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC IQxDJC-Rate 9	Variance to Date 10=9-5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQTY. 15	Budget Agreed VO's AQTY. 1	Budget unappr. VO's AQTY. 17	Budget Total AQTY. 18=15+16+17	Revised DJCt AQTY. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
<b>Evaluation with Activity Model: Rev.7_20120331</b>																							
25.1.201.12	SECTION 1C	7,009,507	947,57	7,957,08	7,943,499	0	-13,585	7,943,499	-13,585	339,941	341,837	1,896	9,613,037	9,613,037	-2,066,973	0	7,546,064	8,042,086	98.77 %	98.58	8,055,671	-509,607	-13,754
25.1.201.13	Princes Street (outstanding ...)	1,556,324	122,495	1,678,819	1,633,757	0	-45,061	1,688,963	10,144	-11,099	0	11,099	1,160,259	1,160,259	583,50	0	1,743,761	1,738,400	97.16 %	49.43	1,728,256	15,506	-46,379
25.1.201.14	SECTION 1D	9,806,746	1,661,700	11,468,446	11,453,177	0	-15,269	11,453,177	-15,269	187,749	213,427	25,678	10,022,227	10,022,227	337,048	0	10,359,275	11,572,579	98.97 %	119.402	11,587,848	-1,228,573	-15,428
25.1.201.15	SECTION 1CD - SITE WIDE	4,593,397	162,642	4,756,039	4,777,603	0	21,564	4,777,603	21,564	28,363	28,400	37	5,916,403	5,916,403	1,102,425	0	7,018,828	6,042,514	79.07 %	1,264,911	6,020,950	997,878	27,277
1.1	CONSTRUCTION ON-STREET rev ...	22,965,974	2,894,414	25,860,388	25,808,036	0	-52,351	25,863,242	2,85	544,954	583,664	38,710	26,711,926	26,711,926	-43,991	0	26,667,929	27,395,579	94.41 %	1,532,337	27,392,725	-724,796	-48,289
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	3,362,461	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	3,258,481	11,977	3,270,458	3,273,040	0	2,581	3,273,040	2,581	-40,925	-40,000	825	3,810,714	3,810,714	5,201	0	3,815,916	3,365,916	97.24 %	92.876	3,363,334	452,582	2,655
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,225	0	2	12,083,223	0	0	0	0	12,083,225	12,083,225	0	0	12,083,225	12,083,223	100.00 %	0	12,083,223	2	2
1.2	CONSTRUCTION ON-STREET origi...	19,271,103	11,977	19,283,080	19,316,303	0	33,223	19,285,662	2,582	-40,925	-40,000	925	22,074,886	22,074,886	-2,215,701	0	19,859,179	19,378,538	99.52 %	92.876	19,375,958	483,223	33,296
25.1.201.54	SECTION 5ABC- Trackworks	18,206,840	303,140	18,509,980	17,039,773	0	-1,470,207	18,514,900	4,920	-31,744	17,380	49,124	18,185,633	18,185,633	2,522,468	0	20,708,101	19,701,116	93.98 %	1,186,216	19,696,196	1,011,905	-1,564,383
25.1.201.58	SECTION 5ABC- Structures	36,344,370	-616	36,343,754	36,339,926	0	-3,828	36,339,926	-3,828	26,626	34,097	7,471	40,222,415	40,222,415	322,381	0	40,544,796	37,899,932	95.88 %	1,560,006	37,903,760	2,641,036	-3,992
25.1.201.61	SECTION 2	26,361,573	163,719	26,525,291	26,512,946	0	-12,346	26,512,946	-12,346	76,856	100,000	23,144	25,898,810	25,898,810	13,345	0	25,912,155	26,539,912	99.90 %	26,966	26,552,258	-640,103	-12,358
25.1.201.62	SECTION 7	17,333,688	-57,553	17,276,135	17,280,115	0	3,980	17,280,115	3,980	5,141	0	-5,141	16,955,851	16,955,851	462,700	0	17,418,551	17,494,235	98.78 %	214,120	17,490,255	-71,704	4,029
25.1.201.63	SECTION 6	17,887,569	-44,000	17,843,569	17,541,111	0	-302,458	17,843,355	-211	0	0	0	17,539,988	17,539,988	126,448	0	17,666,436	17,843,569	100.00 %	211	17,843,783	-177,347	-302,458
1.3	CONSTRUCTION OFF-STREET	116,134,040	364,690	116,498,730	114,713,871	0	-1,784,859	116,491,242	-7,488	76,879	151,477	74,598	118,802,697	118,802,697	3,447,341	0	122,250,039	119,478,764	97.50 %	2,987,521	119,486,252	2,763,787	-1,879,161
25.1.201.21	TTM	3,418,526	8,514	3,427,040	3,456,056	0	29,016	3,432,155	5,115	-12,553	-50,000	-37,447	4,258,521	4,258,521	138,696	0	4,397,211	4,397,217	78.05 %	965,062	4,392,102	5,115	37,176
25.1.201.25	Advanced Maintenance	106,198	2,798	108,996	105,654	0	-3,341	105,654	-3,341	4,453	9,529	5,076	0	0	202,080	0	202,080	202,080	52.28 %	96,426	205,421	-3,342	-6,393
1.4	SECTION WIDE	3,524,724	11,312	3,536,036	3,561,710	0	25,673	3,537,809	1,773	-8,100	-40,471	-32,371	4,258,521	4,258,521	340,776	0	4,599,291	4,599,297	76.92 %	1,061,488	4,597,524	1,773	30,784
	DIRECT JOB COSTS	161,895,841	3,282,393	165,178,234	163,399,920	0	-1,778,313	165,177,955	-279	572,808	654,678	81,862	171,848,030	171,848,030	1,528,411	0	173,376,444	170,852,178	96.68 %	5,674,223	170,852,457	2,523,987	-1,863,372
25.1.201.42	HAYMARKET OFFICE	626,354	-5,595	620,759	639,380	0	18,621	623,479	2,720	11,441	5,000	-6,441	1,030,622	1,030,622	264,808	0	1,295,430	1,060,744	58.78 %	437,265	1,058,024	237,406	31,679
25.1.201.53	EDINBURGH PARK STORAGE	1,489,026	-1,616	1,487,410	1,489,462	0	2,051	1,489,462	2,051	6,885	5,000	-1,885	1,716,758	1,716,758	0	0	1,716,758	1,716,758	86.76 %	227,296	1,714,706	2,052	2,365
25.1.201.64	CONSORTIUM OFFICE	4,497,096	52,138	4,549,234	4,561,750	0	12,516	4,561,750	12,516	47,040	35,000	-12,040	6,304,886	6,304,886	2,153,948	0	8,458,834	6,907,532	66.04 %	2,345,782	6,895,016	1,563,818	18,952
25.1.201.65	STAFF	25,308,544	50,348	25,358,892	25,442,440	0	83,548	25,360,402	1,510	201,232	205,000	3,768	33,262,345	33,262,345	1,367,831	0	34,630,177	28,045,856	90.42 %	2,685,454	28,044,346	6,585,831	92,400
25.1.201.66	DESIGN	13,927,843	606,246	14,534,089	14,550,314	0	16,225	14,533,641	-448	83,396	114,264	30,868	14,780,459	14,780,459	1,614,254	0	16,394,713	16,318,320	89.06 %	1,784,679	16,318,768	75,945	18,218
25.1.201.67	FINANCE	1,253,264	88,775	1,342,039	1,376,836	0	34,797	1,356,836	14,797	37,809	30,000	-7,809	10,764,345	10,764,345	317,903	0	11,082,248	10,071,122	13.47 %	8,714,286	10,056,325	1,025,923	258,330
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	4,242,382	37,194	4,279,576	4,324,296	0	44,720	4,284,296	4,720	-1,192	1,500	2,692	6,699,594	6,699,594	305,071	0	7,004,665	5,868,305	73.01 %	1,584,009	5,863,585	1,141,080	61,252
	INDIRECT JOB COST	51,888,284	827,490	52,715,774	52,928,253	0	212,479	52,753,641	37,861	386,611	395,761	9,153	75,102,784	75,102,781	6,023,816	0	81,126,600	70,532,412	74.79 %	17,778,771	70,494,545	10,632,055	483,196
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
<b>Total</b>		<b>213,784,125</b>	<b>4,109,883</b>	<b>217,894,008</b>	<b>216,328,173</b>		<b>-1,565,835</b>	<b>217,931,596</b>	<b>37,588</b>	<b>959,419</b>	<b>1,050,431</b>	<b>91,015</b>	<b>251,990,814</b>	<b>251,990,811</b>	<b>7,552,230</b>		<b>259,543,044</b>	<b>244,416,987</b>	<b>89.16 %</b>	<b>26,485,391</b>	<b>244,379,399</b>	<b>15,163,645</b>	<b>-1,380,176</b>

Project: GB-2006-1001JE64 Edinburgh Tram Network 2013-10  
Reporting Month: 66. Report Period, 31/10/2013

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-IC) 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>		213,784,128	4,109,884	217,894,012	216,328,173		-1,565,839	217,931,596	37,584	959,421	1,050,434	91,015	251,990,814	251,990,814	7,552,222		259,543,041	244,416,988	89.2 %	26,485,391	244,379,403	15,163,638	-1,755,425
<b>Prime Cost Sums 0 / 0</b>																							
<b>Total Cost without Prime Cost Sums</b>		213,784,128	4,109,884	217,894,012	216,328,173		-1,565,839	217,931,596	37,584				251,990,814	251,990,814	7,552,222		259,543,041	244,416,988		26,485,391	244,379,403		

REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 1.1605, PFB = 1.0929)

<b>Total Cost without Prime Cost Sums</b>			217,894,012	216,328,173			217,931,596			251,990,814	251,990,814	7,552,222		259,543,041	244,416,988					244,379,403			
Gross Margin				20,096,887			34,978,021			19,551,477	19,551,477	4,550,589,00		24,102,066	39,228,120						39,265,704		
Gross Margin in % of Performance				8.50 %			13.83 %			7.20 %	7.20 %	37.60 %		8.50 %	13.83 %						13.84 %		
<b>Performance without Prime Cost Sums</b>				236,425,060			252,909,617			271,542,291	271,542,291	12,102,816		283,645,107	283,645,107						283,645,107		
<b>Actual Cost to date</b>				217,894,012			217,894,012																
Gross Margin to date				18,531,048			35,015,605																
Gross Margin to date in % of Performance				7.84 %			13.85 %																
<b>Performance Prime Cost Sums</b>																							
Total Performance				236,425,060			252,909,617			271,542,291	271,542,291	12,102,816		283,645,107	283,645,107						283,645,107		
Revenue according WBS																							

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.1605, PFB = 1.0929)


<b>Total Cost without Prime Cost Sums</b>				216,328,173			217,931,596			251,990,814	251,990,814	7,552,222		259,543,041	244,416,988						244,379,403		
Gross Margin				20,096,887			34,978,021			19,551,477	19,551,477	4,550,589,00		24,102,066	39,228,120						39,265,704		
Gross Margin in % of Performance				8.50 %			13.83 %			7.20 %	7.20 %	37.60 %		8.50 %	13.83 %						13.84 %		
<b>valued Performance without Prime Cost Sums</b>				236,425,060			252,909,617			271,542,291	271,542,291	12,102,816		283,645,107	283,645,107						283,645,107		
<b>Actual Cost to date</b>				217,894,012			217,894,012																
Gross Margin to date				18,531,048.00			35,015,605																
Gross Margin to date in % of Performance				7.84 %			13.85 %																
<b>Performance Prime Cost Sums (incl. valued performance)</b>																							
Total Performance (incl. valued performance)				236,425,060			252,909,617			271,542,291	271,542,291	12,102,816		283,645,107	283,645,107						283,645,107		
Revenue according WBS (VO's valued)																							
Revenue according WBS (VO's valued by 100%)																							



**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	283,645	283,645	283,645	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-244,417	-244,417	-244,417
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	20	10	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	3,802	1,792	1,370
6 =1+3+4+5	Forecast Final Revenue	283,645	283,645	283,645	6 =1+3+4+5	Forecast Final Costs	-240,615	-242,625	-243,047

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	283,645		
	Costs	-240,615		
	Result	43,030		
% Gross Margin based on Revenue Best Case	Revenue: 283,645	15.17%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		283,645	
	Costs		-242,625	
	Result		41,020	
% Gross Margin based on Revenue Likely Case	Revenue: 283,645		14.46%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			283,645
	Costs			-243,047
	Result			40,598
% Gross Margin based on Revenue Worst Case	Revenue: 283,645			14.31%
Gross Margin previous month (most likely case)		14.79%	14.08%	13.93%

	Project: <b>Edinburgh Tram Network</b> as per: <b>31/10/2013</b>	 <b>BILFINGER</b> <small>Bilfinger Construction GmbH</small>
<b>2.01 Cost Reconciliation Sheet</b>		
<b>see following pages</b>		

Project: GB-2006-1001JE64 Edinburgh Tram Network 2013-10  
Reporting Month: 66. Report Period, 31/10/2013

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE								CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL					
Work- / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allowable incl. agreed VO's 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC IQxDJC-Rate 9	Variance to Date 10=9-5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 1	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCt AQty. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
<b>Evaluation with Activity Model: Rev.7_20120331</b>																							
25.1.201.12	SECTION 1C	7,009,507	947,57	7,957,08	7,943,499	0	-13,585	7,943,499	-13,585	339,941	341,837	1,896	9,613,037	9,613,037	-2,066,973	0	7,546,064	8,042,086	98.77 %	98.58	8,055,671	-509,607	-13,754
25.1.201.13	Princes Street (outstanding ...	1,556,324	122,495	1,678,819	1,633,757	0	-45,061	1,688,963	10,144	-11,099	0	11,099	1,160,259	1,160,259	583,50	0	1,743,761	1,738,400	97.16 %	49.43	1,728,256	15,506	-46,379
25.1.201.14	SECTION 1D	9,806,746	1,661,700	11,468,446	11,453,177	0	-15,269	11,453,177	-15,269	187,749	213,427	25,678	10,022,227	10,022,227	337,048	0	10,359,275	11,572,579	98.97 %	119.402	11,587,848	-1,228,573	-15,428
25.1.201.15	SECTION 1CD - SITE WIDE	4,593,397	162,642	4,756,039	4,777,603	0	21,564	4,777,603	21,564	28,363	28,400	37	5,916,403	5,916,403	1,102,425	0	7,018,828	6,042,514	79.07 %	1,264,911	6,020,950	997,878	27,277
1.1	CONSTRUCTION ON-STREET rev ...	22,965,974	2,894,414	25,860,388	25,808,036	0	-52,351	25,863,242	2,85	544,954	583,664	38,710	26,711,926	26,711,926	-43,991	0	26,667,929	27,395,579	94.41 %	1,532,337	27,392,725	-724,796	-48,289
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	3,362,461	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	3,258,481	11,977	3,270,458	3,273,040	0	2,581	3,273,040	2,581	-40,925	-40,000	825	3,810,714	3,810,714	5,201	0	3,815,916	3,365,916	97.24 %	92.876	3,363,334	452,582	2,655
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,225	0	2	12,083,223	0	0	0	0	12,083,225	12,083,225	0	0	12,083,225	12,083,223	100.00 %	0	12,083,223	0	2
1.2	CONSTRUCTION ON-STREET origi...	19,271,103	11,977	19,283,080	19,316,303	0	33,223	19,285,662	2,582	-40,925	-40,000	925	22,074,886	22,074,886	-2,215,701	0	19,859,179	19,378,538	99.52 %	92.876	19,375,958	483,223	33,296
25.1.201.54	SECTION 5ABC- Trackworks	18,206,840	303,140	18,509,980	17,039,773	0	-1,470,207	18,514,900	4,920	-31,744	17,380	49,124	18,185,633	18,185,633	2,522,468	0	20,708,101	19,701,116	93.98 %	1,186,216	19,696,196	1,011,905	-1,564,383
25.1.201.58	SECTION 5ABC- Structures	36,344,370	-616	36,343,754	36,339,926	0	-3,828	36,339,926	-3,828	26,626	34,097	7,471	40,222,415	40,222,415	322,381	0	40,544,796	37,899,932	95.88 %	1,560,006	37,903,760	2,641,036	-3,992
25.1.201.61	SECTION 2	26,361,573	163,719	26,525,291	26,512,946	0	-12,346	26,512,946	-12,346	76,856	100,000	23,144	25,898,810	25,898,810	13,345	0	25,912,155	26,539,912	99.90 %	26,966	26,552,258	-640,103	-12,358
25.1.201.62	SECTION 7	17,333,688	-57,553	17,276,135	17,280,115	0	3,980	17,280,115	3,980	5,141	0	-5,141	16,955,851	16,955,851	462,700	0	17,418,551	17,494,235	98.78 %	214,120	17,490,255	-71,704	4,029
25.1.201.63	SECTION 6	17,887,569	-44,000	17,843,569	17,541,111	0	-302,458	17,843,355	-211	0	0	0	17,539,988	17,539,988	126,448	0	17,666,436	17,843,569	100.00 %	211	17,843,783	-177,347	-302,458
1.3	CONSTRUCTION OFF-STREET	116,134,040	364,690	116,498,730	114,713,871	0	-1,784,859	116,491,242	-7,488	76,879	151,477	74,598	118,802,697	118,802,697	3,447,341	0	122,250,039	119,478,764	97.50 %	2,987,521	119,486,252	2,763,787	-1,879,161
25.1.201.21	TTM	3,418,526	8,514	3,427,040	3,456,056	0	29,016	3,432,155	5,115	-12,553	-50,000	-37,447	4,258,521	4,258,521	138,696	0	4,397,211	4,397,217	78.05 %	965,062	4,392,102	5,115	37,176
25.1.201.25	Advanced Maintenance	106,198	2,798	108,996	105,654	0	-3,341	105,654	-3,341	4,453	9,529	5,076	0	0	202,080	0	202,080	202,080	52.28 %	96,426	205,421	-3,342	-6,393
1.4	SECTION WIDE	3,524,724	11,312	3,536,036	3,561,710	0	25,673	3,537,809	1,773	-8,100	-40,471	-32,371	4,258,521	4,258,521	340,776	0	4,599,291	4,599,297	76.92 %	1,061,488	4,597,524	1,773	30,784
	DIRECT JOB COSTS	161,895,841	3,282,393	165,178,234	163,399,920	0	-1,778,311	165,177,955	-279	572,808	654,670	81,862	171,848,030	171,848,030	1,528,411	0	173,376,444	170,852,178	96.68 %	5,674,223	170,852,457	2,523,987	-1,863,372
25.1.201.42	HAYMARKET OFFICE	626,354	-5,595	620,759	639,380	0	18,621	623,479	2,720	11,441	5,000	-6,441	1,030,622	1,030,622	264,808	0	1,295,430	1,060,744	58.78 %	437,265	1,058,024	237,406	31,679
25.1.201.53	EDINBURGH PARK STORAGE	1,489,026	-1,616	1,487,410	1,489,462	0	2,051	1,489,462	2,051	6,885	5,000	-1,885	1,716,758	1,716,758	0	0	1,716,758	1,716,758	86.76 %	227,296	1,714,706	2,052	2,365
25.1.201.64	CONSORTIUM OFFICE	4,497,096	52,138	4,549,234	4,561,750	0	12,516	4,561,750	12,516	47,040	35,000	-12,040	6,304,886	6,304,886	2,153,948	0	8,458,834	6,907,532	66.04 %	2,345,782	6,895,016	1,563,818	18,952
25.1.201.65	STAFF	25,308,544	50,348	25,358,892	25,442,440	0	83,548	25,360,402	1,510	201,232	205,000	3,768	33,262,345	33,262,345	1,367,831	0	34,630,177	28,045,856	90.42 %	2,685,454	28,044,346	6,585,831	92,400
25.1.201.66	DESIGN	13,927,843	606,246	14,534,089	14,550,314	0	16,225	14,533,641	-448	83,396	114,264	30,868	14,780,459	14,780,459	1,614,254	0	16,394,713	16,318,320	89.06 %	1,784,679	16,318,768	75,945	18,218
25.1.201.67	FINANCE	1,253,264	88,775	1,342,039	1,376,836	0	34,797	1,356,836	14,797	37,809	30,000	-7,809	10,764,345	10,764,345	317,903	0	11,082,248	10,071,122	13.47 %	8,714,286	10,056,325	1,025,923	258,330
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	4,242,382	37,194	4,279,576	4,324,296	0	44,720	4,284,296	4,720	-1,192	1,500	2,692	6,699,594	6,699,594	305,071	0	7,004,665	5,868,305	73.01 %	1,584,009	5,863,585	1,141,080	61,252
	INDIRECT JOB COST	51,888,284	827,490	52,715,774	52,928,253	0	212,479	52,753,641	37,861	386,611	395,761	9,153	75,102,784	75,102,781	6,023,816	0	81,126,600	70,532,412	74.79 %	17,778,771	70,494,545	10,632,055	483,196
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
<b>Total</b>		<b>213,784,125</b>	<b>4,109,883</b>	<b>217,894,008</b>	<b>216,328,173</b>		<b>-1,565,835</b>	<b>217,931,596</b>	<b>37,588</b>	<b>959,419</b>	<b>1,050,431</b>	<b>91,015</b>	<b>251,990,814</b>	<b>251,990,811</b>	<b>7,552,230</b>		<b>259,543,044</b>	<b>244,416,987</b>	<b>89.16 %</b>	<b>26,485,391</b>	<b>244,379,399</b>	<b>15,163,645</b>	<b>-1,380,176</b>

Project: GB-2006-1001JE64 Edinburgh Tram Network 2013-10  
Reporting Month: 66. Report Period, 31/10/2013

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 Qx DJC-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-IC) 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>		213,784,128	4,109,884	217,894,012	216,328,173		-1,565,839	217,931,596	37,584	959,421	1,050,434	91,015	251,990,814	251,990,814	7,552,222		259,543,041	244,416,988	89.2 %	26,485,391	244,379,403	15,163,638	-1,755,425
<b>Prime Cost Sums 0 / 0</b>																							
<b>Total Cost without Prime Cost Sums</b>		213,784,128	4,109,884	217,894,012	216,328,173		-1,565,839	217,931,596	37,584				251,990,814	251,990,814	7,552,222		259,543,041	244,416,988		26,485,391	244,379,403		

REMEASURED CONTRACT:

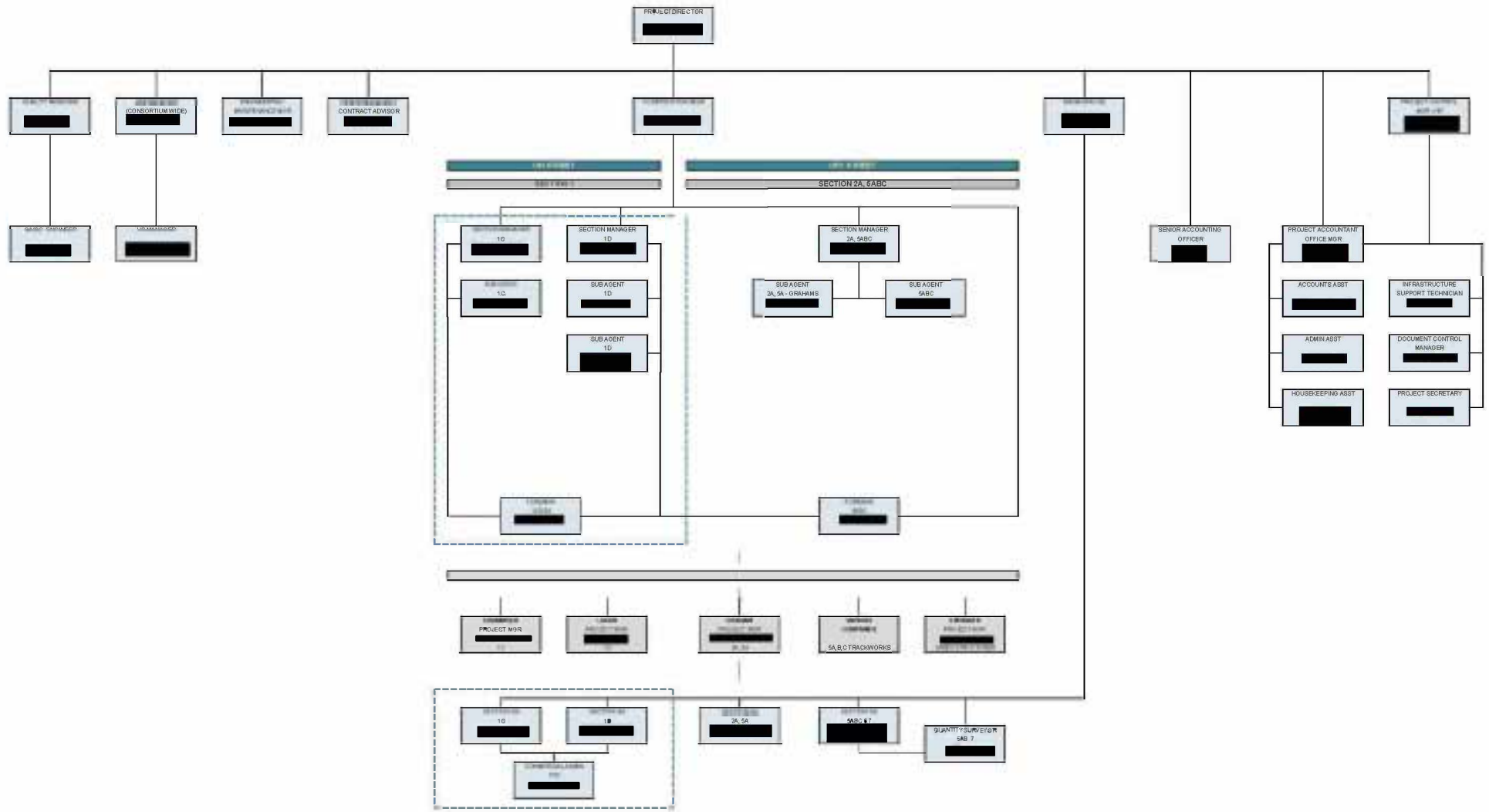
Gross Margin original Contract and agreed VO's (PF = 1.1605, PFB = 1.0929)

<b>Total Cost without Prime Cost Sums</b>			217,894,012	216,328,173			217,931,596			251,990,814	251,990,814	7,552,222		259,543,041	244,416,988					244,379,403			
Gross Margin				20,096,887			34,978,021			19,551,477	19,551,477	4,550,589,00		24,102,066	39,228,120						39,265,704		
Gross Margin in % of Performance				8.50 %			13.83 %			7.20 %	7.20 %	37.60 %		8.50 %	13.83 %						13.84 %		
<b>Performance without Prime Cost Sums</b>				236,425,060			252,909,617			271,542,291	271,542,291	12,102,816		283,645,107	283,645,107						283,645,107		
<b>Actual Cost to date</b>				217,894,012			217,894,012																
Gross Margin to date				18,531,048			35,015,605																
Gross Margin to date in % of Performance				7.84 %			13.85 %																
<b>Performance Prime Cost Sums</b>																							
Total Performance				236,425,060			252,909,617			271,542,291	271,542,291	12,102,816		283,645,107	283,645,107						283,645,107		
Revenue according WBS																							

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.1605, PFB = 1.0929)

<b>Total Cost without Prime Cost Sums</b>				216,328,173			217,931,596			251,990,814	251,990,814	7,552,222		259,543,041	244,416,988						244,379,403		
Gross Margin				20,096,887			34,978,021			19,551,477	19,551,477	4,550,589,00		24,102,066	39,228,120						39,265,704		
Gross Margin in % of Performance				8.50 %			13.83 %			7.20 %	7.20 %	37.60 %		8.50 %	13.83 %						13.84 %		
<b>valued Performance without Prime Cost Sums</b>				236,425,060			252,909,617			271,542,291	271,542,291	12,102,816		283,645,107	283,645,107						283,645,107		
<b>Actual Cost to date</b>				217,894,012			217,894,012																
Gross Margin to date				18,531,048.00			35,015,605																
Gross Margin to date in % of Performance				7.84 %			13.85 %																
<b>Performance Prime Cost Sums (incl. valued performance)</b>																							
Total Performance (incl. valued performance)				236,425,060			252,909,617			271,542,291	271,542,291	12,102,816		283,645,107	283,645,107						283,645,107		
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  
Rev69 01/10/2013

2.06 Staff Chart



2.08a Approved Change Orders

PMC	SVC	ICO	BOT	Design	CST	COST	Risk	Section / Activity	Description	Date Issued	Value	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	930.09	9.09%		
3	503	515		✓				5C	63	Final design for access bridge at Depot Access Bridge to Edinburgh Gateway	01/12/2011	16,860.40		12,587.40		2,849.33	1,543.67	9.09%		
4	504	506		✓				1C	66	Inclusion of Glenmil 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 run time model based on York Place Terminal Agreement (was PMG 14)	29/11/2011	228,652.90		169,409.00		38,868.18	20,786.62	9.09%		
6	506	508A		✓				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	233,595.67		173,162.10		39,197.60	21,235.97	9.09%		
9	520	593		✓	✓			63	Waive 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 storage tank. (W Ref BARR6/15)	22/11/2011	5,750.48		3,440.00		822.78	964.93	522.77	9.09%	
12	512	505A		✓				1A	66	Incorporate AECOM design for Ocean Terminal Bypass Road	28/02/2012	53,685.19		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		15,564.57	8,432.37	9.09%		
17	516	565		✓				58	Additional watermain requirement at Depot and Mini test track	26/04/2012	51,281.72		39,114.62		8,605.13	4,661.97	9.09%			
18	517	539		✓				63	Additional BT Ducts at Depot and Mini Test track	16/01/2012	2,986.00		2,220.80		502.73	272.36	9.09%			
19	524	586		✓	✓			62/66	NL Design Finalisation	16/07/2012	-40,559.19		3,784.50		33,506.2	6,805.88	3,067.20	9.09%		
20	539	529		✓				SW	SW	Programme Rev 3A/4	21/12/2011	2,851,800.00		2,356,942.15			484,957.85	17.36%		
21	541	611A		✓				1D	13	available BT-Lines to avoid provision of direct FO link from Princes Street to	29/11/2012	4,535.57		3,362.17		7,61.07	412.32	9.09%		
22	529	524A		✓	✓			OH	66/9	Redesign Gogar Castle Access Road	17/01/2012	31,308.00		23,208.30		5,253.52	2,846.18	9.09%		
23	530	525		✓				OH	66	Depot Access Road Turning Head	16/12/2011	30,458.40		22,578.50		5,110.95	2,769.95	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	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 CECOTransport Scotland	29/11/2011	158,900.00		139,043.40		6,820.24	14,536.36	9.09%		
33	546	541								N/A - Siemens only										
41	534	566		✓				5ABC	54	Scottish Power Insurance Ducts	01/05/2012	5,636.58		4,178.35		945.63	512.42	9.09%		
42	540	508A		✓				54/66	66	Amendment to landscaping scope at plot 304 section 7	01/02/2012	201,120.00		3,768.00		152,856.21	33,748.15	18,283.64	9.09%	
45	555,557,562	521D		✓	✓			OH	66	Siemens OLE design update	10/04/2013	108,889.04		80,719.34		18,271.70	9,889.00	9.09%		
46	566	525B		✓	✓			OH	66	On-Street design changes due to utilities conflicts	07/10/2013	53,321.00		39,526.32		8,947.82	4,847.86	9.09%		
47	568	537B		✓	✓			OH	66	On-Street Design Changes due to trackform conflicts	18/09/2013	6,870.03		6,575.26		1,489.40	806.37	9.09%		
48	553	516E		✓	✓			OH	66	SDSto provide services of Matt Fell	16/04/2013	141,730.67		105,063.51		23,782.56	12,884.61	9.09%		
49	596	517								N/A - Siemens only										
50	567,779	530E 659		✓	✓			2A	61/66	On-Street drainage design changes due to utilities conflicts	31/07/2013 07/10/2013	215,029.64		112,559.67		46,839.61	86,032.20	19,548.15	9.09%	
51	568	522A		✓				OH	65	Provision of CAD Technician	03/02/2012	1,693.00		1,255.00		284.09	153.91	9.09%		
53	559	545		✓				OH	66	Detailed Design of York Place Terminal	03/02/2012	56,438.11		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	5,849.09		4,410.00		999.26	540.83	9.09%		
56	563	534		✓	✓			OH	66	On-Street design of circular pile caps	09/01/2012								Regulated under PMG 054	
57	569	538		✓				OH	64	Running costs with the CEC office extension at Edinburgh Park	12/01/2012	79,220.00		68,886.96		3,131.22	7,201.82	9.09%		

2.08a Approved Change Orders

PME	WVC	ICO	BOT	Design	CST	COST	Risk	Section / Activity	Description	Date Issued	Revision	Job Estimate Budgets					Reserve		
												BOT	Design	Construction	Provision	Margin		Margin In %	
59	561	528						1A 31	Value Engineering Forth Port Section 1A	21/12/2011	-2443,000.00		2,220,909.09		222,090.91	9.09%			
62	572	540A						CH 66	Gathedral Lane Substation Design	18/07/2012 29/06/2012	34,458.86		25,544.00		5,762.23	3,132.62	9.09%		
63	574	542A						2A 61	Haymarket Viaduct delete parts of cladding	16/07/2012	-5,571.34		4,055.13		1,009.72	5064.9	9.09%		
64	571A	573C						1D 66	Hope Street reinstatement	20/09/2013	13,639.74		10,111.00		2,298.76	1,239.98	9.09%		
65	577	544A						2A 61	Omit construction of Haymarket Substation retaining wall and plinth	06/11/2012	-4,607.82		3,667.21		491.72	4188.9	9.09%		
66	578	546						SWON 15	Remove site investigation allowance	03/02/2012	-57,984.00		52,712.73		0.00	5,271.27	9.09%		
70	586	567A						1C 66	Amended Design on St Andrew Square	20/05/2012	15,227.51		11,288.00		2,555.15	1,384.32	9.09%		
71	587	555B						SWON 66	Revised Set Locations and new Set Specification	13/09/2012	15,512.15		11,499.00		2,602.96	1,410.20	9.09%		
74	580	547							N/A - Siemens only										
75	581	548							N/A - Siemens only										
76	673	598							N/A - Siemens only										
78	588	551						1D 21	Return of parking spaces Stafford Street	20/02/2012									
80	580	662						1C 12	St Andrew Square descoppe	24/04/2013	2,156,490.38		1,980,445.80		0.00	186,044.58	9.09%		
81	582	549						5A 61	Deleted Roseburn Viaduct Trespa cladding	09/02/2012	-308,624.00		380,003.64		0.00	28,000.68	9.09%		
82	585	550							N/A - Siemens only										
83	586	552							Deletion of Airport Kiosk	29/12/2012	-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-208)	13/07/2012									
85	591	563A						2A 61	Diversion of Scottish Power Cable	21/02/2013	2,428.20		1,800.00		407.45	220.75	9.09%		
86	605B	561F							N/A - Siemens only	17/07/2013									
89	601	560						5C 62.66	Shelters at Gogarburn Tramstop to be 6m length	15/03/2012 14/07/2012	27,862.60		2,671.00		17,983.28	4,675.37	2,532.98	9.09%	
90	602	562							N/A - Siemens only										
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	586						2A 61	Deletion of crew relief facilities	08/05/2012	-74,001.12		54,856.28		12,417.47	6,727.37	9.09%		
92	616	587						2A 61	Crew relief wall construction to close void beneath Haymarket Viaduct	08/05/2012	10,787.89		8,084.36		1,811.90	981.63	9.09%		
92	615	588A						2A 66	Design for crew relief wall construction to close void beneath Haymarket viaduct	09/10/2012	1,800.12		1,409.54		318.24	192.74	9.09%		
93	705	626						2A 66	Haymarket redesign due to LOD constraints	14/11/2012	13,669.05		10,132.73		2,293.68	1,242.64	9.09%		
94	607	623						SW 12.13.14	Delete Requirements at all Tramstops for 110v socket for cleaning purposes (On Street)	23/10/2012	-8,153.73		4,561.70		1,032.60	593.43	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	-38,851.41		27,317.58		6,183.71	3,350.13	9.09%		
98	644	581							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									
106	618	575							N/A - Siemens only										
111	621	587							N/A - Siemens only										
112	618	576						63	Alteration to 1800mm Diameter Manhole	19/06/2012	8,176.31		4,578.44		1,036.39	581.48	9.09%		
115	620	588A						66	Airport Tram Stop Design	27/09/2012	17,783.87		13,183.00		2,984.15	1,616.72	9.09%		
116	624	594							N/A - Siemens only										
117	622	589							N/A - Siemens only										
118	627	589						1D 66	St Johns Church deletion of pedestrian barrier	21/05/2012									



2.08a Approved Change Orders

PME	WEC	ICD	BOT	Design	CST	CONSTR	INSTR	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Revenue		
												BOT	Design	Construction	Professional	Margin		Margin In %	
120	623	596						25	Gogar Depot Repair	28/08/2012	1,867.19			13,844.10	313.31	169.74	9.09%		
121	683	538						5C 63	Estimate for CEC for painting the existing kerbside fencing surrounding the Mini Test Track	16/07/2013	6,423.88			4,761.96	1,077.93	583.99	9.09%		
122	652	580B							N/A - Siemens only	11/04/2013									
124	636A	571B						5C 54.66	Twin Crossings at Lochside Avenue	05/02/2013	29,051.92			8,226.43	13,309.46	4,874.94	2,641.08	9.09%	
136	655	632							N/A - Siemens only										
138	669	622						7A 62	SN Remedial works - Backfill at New Ingliston	18/12/2012	16,063.95			11,908.04	2,695.55	1,460.36	9.09%		
140	640	585							N/A - Siemens only	11/07/2012									
148	643	572B						5C 54.58.66	Edinburgh Gateway Works, Design & Construction	28/08/2012	2,972,732.16			119,266.00	2,084,390.16	488,827.62	270,248.38	9.09%	
150	647C	577F						1C 66	Design on street works: carriageway reconstruction	09/01/2013	27,677.43			20,517.60	4,644.30	2,516.13	9.09%		
151	648	579A						1CD 66	Design cabinet/panels for street lighting Princess Street	14/08/2013									
153	651A	625A						SW 12.13.14.45.54.61.62	Defer installation of Tramstop shelter and Ft Out	01/03/2013	34,941.80			25,902.00	5,889.27	3,176.53	9.09%		
155	657	582A						1CD 66	As-Built Drawings Princess Street	11/10/2012	3,271.33			2,425.00	548.93	297.39	9.09%		
156	653	583						1C 66	BWG CAD Drawings Design York Place	22/06/2012	2,461.78			1,824.88	413.09	223.80	9.09%		
169	662	590A						7A 62.66	Topographical Survey	11/12/2012	2,586.95			1,478.00	438.98	434.09	235.18	9.09%	
170	667	594B						2A 66	Call off service to respond to Network Rail Technical Queries	27/09/2012	12,000.00			8,895.48		2,013.61	1,090.91	9.09%	
171	668	585						1C 12	York Place, Descope of Works	12/07/2012	-1,015,155.60			966,615.06		-48,340.71	4.76%		
172	719	627C						SW 66.9	TVM details not yet available. Impact to construction may need redesign. Cl 60 / Sch 45	24/09/2013	88,709.89			10,163.00	63,009.64	16,589.62	8,973.63	9.09%	
173	666	583A						5A 61	ScottRail Pedestrian Access Gate	18/12/2012	4,905.64			3,636.59	823.17	445.97	9.09%		
174	603	618							N/A - Siemens only										
177	670	592A						1C 66	Design response Princess 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's storage tanks	19/11/2012									
192	675	643						5A 61	ScottRail 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	1,899.39			1,259.74	285.16	154.49	9.09%		
197	685	602A						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	Work to be done on the operational elements of the Westshunt line within the Haymarket Depot	23/10/2012	78,413.27			56,644.38	12,822.23	6,946.66	9.09%		
203	664 750	591A 649						5C 62	Road - Road Safety Audit - additional high friction surfacing - road warnings	21/02/2013	8,282.30			4,657.01	1,054.15	571.12	9.09%		
206	691	605A						1C 66.tb.c	Legal Lane - Tram Retaining Wall - amend design of Cathedral Lane Retaining Wall	20/03/2013	46,568.88			34,521.00	7,814.30	4,233.53	9.09%		
207	672	608C						ON 66	Review and amend design for On Street Drainage	16/05/2013	17,880.76			13,328.95	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			2,614,038.94		548,948.18	17.36%		
209	703	610							N/A - Siemens only										
210	694	607							N/A - Siemens only										
211	716	680							N/A - Siemens only										
212	704	612A						1C 66	Carriageway Reconstruction - redesign of St Andrew Square	20/03/2013	9,206.93			6,825.00	1,544.93	836.99	9.09%		
213	689	609D						ON 66	On Street Road Sign Bases, Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TPE 2a) - DESIGN	12/02/2013	87,478.21			64,846.71	14,678.94	7,952.56	9.09%		
214	683	604A						62	Trial holes to locate Scottish Water pipe at Edgarburn	22/01/2013	3,348.06			2,441.88	561.81	304.37	9.09%		
215	701B	614E						62.66	Reinstatement works at the Airport	01/10/2013	34,725.96			25,742.08	5,827.05	3,156.91	9.09%		
216	702	615A						62	Esfield Avenue pedestrian crossing/plywood and install STIRAIL panels	18/01/2013	4,801.83			1,619.00	2,746.30	436.53	9.09%		

2.08a Approved Change Orders

										Job Estimate Budgets								
PMC	W/C	ICO	BOT	Design	CON	CONTRACT	ISSUE	Section / Activity	Description	Date Issued	Revenue	BOT	Design	Construction	Professional	Margin	Margin In %	Revenue
217	695	613A			✓	✓		62	Remove 100m length of 100mm wide 150mm high temporary road surface and install kerus at Edinburgh Airport	14/03/2013	1,445.47			1,071.51	242.55	131.41	9.09%	
223	708A	610A							N/A - Siemens only	09/04/2013								
224		630			✓	✓		1C	Construction of Cathedral Lane Substation and Retaining Walls	27/11/2012	TBC							
226	696	646		✓				66	SGN As Built drawings between Ingleton and Eastfield Avenue	05/03/2013	3,414.32		2,531.00		572.58	310.39	9.09%	
228	713	639			✓			2A	Haymarket/W18 Network Rail Encroachment into LOD	08/02/2013	117,346.69			86,988.06	19,690.93	10,567.90	9.09%	
229	711	636			✓			2A	Fence requirements at Murrayfield, Scotrail & Royal Mail	22/1/2013								
230	712	634A			✓			5A	Murrayfield Wanderers Interface Detail	03/09/2013	40,801.42			30,319.81	6,863.30	3,718.31	9.09%	
232	714	640A		✓	✓			5B	Edinburgh Park Central Lighting - Design	27/02/2013	12,077.64		2,568.00	6,385.03	2,126.64	1,097.97	9.09%	
234	721	628							N/A - Siemens only									
235	724	629A						5A	Realignmt of Scottish Water pipe at Murrayfield	12/02/2013	-3,265.93		2,421.00		548.03	296.90	9.09%	
236	725	624			✓			1CD	Road Safety Audit Princess Street	18/02/2013	674.50			500.00	113.18	61.32	9.09%	
243	726	637A			✓			2A	Deletion of Murrayfield Thistle	04/02/2013	-6,120.10			4,600.00	663.73	558.57	9.09%	
244	709	617			✓			5A	Scotrail car Park Landscaping Works	29/02/2013								
252	737	635			✓			5B	BT ducts at South Gyle Access Bridge - Works transfer	21/01/2012	-37,889.84			28,072.53	6,354.60	3,442.71	9.09%	
253	732	673			✓			5A	Roseburn Street Pavement Construction	18/06/2013	-12,544.14			9,042.64	2,361.12	1,140.38	9.09%	
254	753	650A		✓	✓			2A	Additional Retaining Walls adjacent to Haymarket Scotrail Depot	09/09/2013	350,502.53		54,388.00	205,435.97	58,814.70	31,863.87	9.09%	
257	748	645							N/A - Siemens only	12/02/2013								
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	Alteration to street lighting poles	07/02/2013	TBC							
261	744	638A			✓	✓		5B	Carrick Knowe Golf Course Drainage	29/08/2013								
262	736	642A			✓	✓		1D	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	South Gyle Access Junction supplemented by Agcom	12/02/2013	TBC							
266	751	653A			✓	✓		62	Removal of Gogarburn hoarding	18/04/2013	2,468.10			1,828.58	414.15	224.87	9.09%	
267	752	664A			✓	✓		62	Handrail at Gogarburn Tram Stop ramp	18/04/2013	1,510.88			1,120.00	253.53	137.35	9.09%	
271	746	643			✓	✓		5B	Installation of fibre prism at Murrayfield Tramstop	04/03/2013								
272	755	652A			✓	✓		5C	Relocation of signage at Gogar Tram Stop	07/05/2013	582.67			431.93	97.77	52.97	9.09%	
273	758	676			✓	✓		2A	Haymarket Tenade - High Friction Surface Desclope	25/07/2013	-18,447.55			11,210.00	6,469.59	1,767.96	9.09%	
NN	538	520A							N/A - Siemens only									
NN	754	651A		✓	✓			OFF	Additional earthing & bonding to demarcation fencing	18/04/2013	TBC							
276	757	655							N/A - Siemens only									
278	765	658D			✓	✓		OFF	Fencing requirements to Network Rail corridor	31/10/2013	7,861.97			5,828.00	1,319.25	714.72	9.09%	
279	762	656							N/A - Siemens only									
280	763	657							N/A - Siemens only	16/04/2013								
283	771	655A			✓	✓		SW	Remove the ends of the DRE of the CAF tram in accordance with technical drawing provided by CAF	19/08/2013	36,180.18		19,120.00	7,700.00	6,071.07	3,289.11	9.09%	
284	772A	666			✓	✓		SWON	Remove requirement for recovery vehicle	10/05/2013	TBC							
286	770	675			✓	✓		2A	Removal of parapet wall at Haymarket Station	31/07/2013								
287	773	669			✓	✓		5A	Water of Leith Bridge Lighting	21/05/2013	TBC							
288	774	670							N/A - Siemens only									

2.08a Approved Change Orders

										Job Estimate Budgets									
PMC	W/C	ICO	BOT	Design	CON	CONTR	CONTR	Section / Activity	Description	Date Issued	Revision	BOT	Design	Construction	Professional	Margin	Margin In %	Remarks	
290	742	671A						1C	66	04/09/2013	1,942.56			1,440.00	325.66	17.660	9.09%		
291	777	672A						5C	54	01/10/2013	-2,557.05			1,895.2	4,290.6	232.46	9.09%		
296	782	674						2A	61	31/07/2013	-2,180.25			2,180.25					
297	787	679																	
298	783	677						5A	61	31/07/2013	TBC								
300	781	685																	
302	788	681B								29/09/2013	TBC								
304	786	682						SW		28/08/2013	TBC								
305	784	687						5B	54	28/08/2013	TBC								
309	793	688						SW	68	05/09/2013	TBC								
310	791	684																	
311	800	690																	
312	801	692A																	
315	784	678						5B	54	25/09/2013	TBC								
318	803	693						5B	54	31/10/2013	7,002.53			6,365.94		636.59	9.09%		
15	513.1	ICCO						1D	15	31/10/2013	19,684.63			12,757.68	5,137.44	17,895.1	9.09%		
25	543	ICCO						1D	14	31/10/2013	288,070.54			186,699.57	75,182.74	261,882.3	9.09%		
28	521	ICCO						1D	14	31/10/2013	1,764.81			1,143.78	460.59	160.44	9.09%		
35	547	ICCO						1D	14	31/10/2013	7,750.06			5,022.88	2,022.67	704.55	9.09%		
36	548	ICCO						1D	14	31/10/2013	94,994.53			61,568.30	24,792.38	8,635.87	9.09%		
37	528	ICCO						1D	14	31/10/2013	7,509.45			4,866.90	1,959.87	682.68	9.09%		
38	549	ICCO						PSOW	13	31/10/2013	37,335.65			24,197.37	9,744.13	3,394.15	9.09%		
40	535	ICCO						PSOW	13	31/10/2013	289,350.49			187,535.59	75,519.40	26,305.50	9.09%		
43	551	ICCO						PSOW	13	31/10/2013	232,772.13			150,860.47	60,750.58	21,161.10	9.09%		
52	554	ICCO						1CD	15	31/10/2013	454,872.45			294,804.50	118,715.91	41,352.04	9.09%		
55	554	ICCO						1CD	15	31/10/2013	10,769.88			6,980.00	2,810.80	979.88	9.09%		
58	570	ICCO						1CD	14	31/10/2013	-14,040.96			9,100.00	3,664.51	1,276.45	9.09%		
68	586	ICCO						1D	14	31/10/2013	-36,743.32			23,813.48	9,589.54	3,340.80	9.09%		
69	598	ICCO						1D	14	31/10/2013	2,013.24			1,304.79	525.43	183.02	9.09%		
72	600	ICCO						1D	14	31/10/2013	317,122.37			205,628.17	82,764.90	28,829.31	9.09%		
77a	583	ICCO						1C	12	31/10/2013	186,284.40			120,731.60	48,617.85	16,934.95	9.09%		
77b	583	ICCO						1D	14	31/10/2013	60,136.69			38,974.68	15,694.85	5,466.95	9.09%		
79	606	ICCO						1C	12	31/10/2013	567,737.79			380,915.01	153,392.07	53,430.71	9.09%		
80	625A	ICCO						PSOW	12	31/10/2013	-123,437.04			80,000.00	32,155.50	11,221.55	9.09%		
87	604	ICCO						1C	12	31/10/2013	42,949.49			27,835.68	11,209.25	3,904.48	9.09%		
88a	584	ICCO						1CD	12	31/10/2013	79,698.90			51,653.15	20,800.40	7,245.35	9.09%		
88b	584	ICCO						1CD	14	31/10/2013	839,715.43			220,170.81	88,661.40	30,893.22	9.09%		

2.08a Approved Change Orders

														Job Estimate Budgets					
PMC	W/C	ICCO	BOT	Design	CBT	Contract	Activity	Section / Activity	Description	Date Issued	Revenue	BOT	Design	Construction	Professional	Margin	Margin In %	Revenue	
97	599	ICCO						1C	12	31/10/2013	77,148.19			50,000.00	20,134.69	7,013.47	9.09%		
99	629	ICCO						1D	14	31/10/2013	15,283.49			8,609.09	3,468.82	1,207.59	9.09%		
100	630	ICCO						1D	14	31/10/2013	10,968.19			7,103.34	2,860.47	996.38	9.09%		
101	631	ICCO						1D	14	31/10/2013	8,190.58			5,308.31	2,137.62	744.59	9.09%		
103	613	ICCO						1C	12	31/10/2013	10,162.79			6,586.54	2,652.36	923.89	9.09%		
104	614	ICCO						SW	15	31/10/2013	9,451.10			6,125.29	2,466.62	859.19	9.09%		
108	598	ICCO						1CD	13	31/10/2013	34,742.02			22,516.43	9,067.22	3,198.37	9.09%		
109	600	ICCO						1CD	13	31/10/2013	26,399.03			17,100.31	6,889.81	2,399.91	9.09%		
110	600	ICCO						1CD	13	31/10/2013	10,781.47			6,987.51	2,813.63	980.13	9.09%		
114a	611	ICCO						1D	14	31/10/2013	-78,143.35			50,644.99	20,394.42	7,103.94	9.09%		
114b	611	ICCO						1C	12	31/10/2013	-123,437.84			80,000.00	32,215.50	11,221.55	9.09%		
126	629	ICCO						1D	14	31/10/2013	12,815.28			8,305.63	3,344.62	1,165.03	9.09%		
127	630	ICCO						1D	14	31/10/2013	19,769.32			12,812.57	5,159.54	1,797.21	9.09%		
138	596	ICCO						1D	14	31/10/2013	5,359.29			3,467.54	1,396.36	486.39	9.09%		
129	543	ICCO						1D	14	31/10/2013	5,176.38			3,354.83	1,350.97	470.56	9.09%		
130	547	ICCO						1D	14	31/10/2013	764.25			495.31	199.48	69.48	9.09%		
132	543	ICCO						1D	14	31/10/2013	1,215.04			787.47	317.11	110.48	9.09%		
133	570	ICCO						1D	14	31/10/2013	3,773.61			2,445.69	984.86	343.06	9.09%		
135	635	ICCO						1D	14	31/10/2013	10,343.87			6,703.90	2,699.62	940.35	9.09%		
137	637	ICCO						1C	12	31/10/2013	7,327.11			4,749.73	1,912.28	666.10	9.09%		
144a	639	ICCO						1C	15	31/10/2013	99,352.57			63,742.66	25,668.77	9,041.14	9.09%		
144b	639	ICCO						1C	15	31/10/2013	146,339.59			94,881.46	38,208.17	13,308.96	9.09%		
144c	639	ICCO						1C	12	31/10/2013	47,138.48			30,558.61	12,302.54	4,285.31	9.09%		
145	645	ICCO						PSOW	13	31/10/2013	216,339.68			140,210.54	56,461.90	19,687.24	9.09%		
157	599	ICCO						1D	14	31/10/2013	3,447.87			2,234.58	899.95	313.44	9.09%		
158	629	ICCO						1D	14	31/10/2013	5,967.26			3,867.42	1,557.39	542.48	9.09%		
159	629	ICCO						1D	14	31/10/2013	16,120.21			10,447.57	4,207.17	1,465.47	9.09%		
160	547	ICCO						1D	14	31/10/2013	3,463.12			2,244.46	903.83	314.83	9.09%		
161	645	ICCO						PSOW	13	31/10/2013	6,330.19			4,102.62	1,652.10	575.47	9.09%		
162	645	ICCO						PSOW	13	31/10/2013	15,429.68			10,000.00	4,026.94	1,402.69	9.09%		
163	645	ICCO						PSOW	13	31/10/2013	3,800.16			2,462.90	991.79	345.47	9.09%		
164	645	ICCO						PSOW	13	31/10/2013	3,285.66			2,129.58	857.57	298.71	9.09%		
165	645	ICCO						PSOW	13	31/10/2013	19,889.62			12,242.43	4,929.95	1,717.24	9.09%		
166	600	ICCO						PSOW	13	31/10/2013	515.97			334.40	134.66	46.91	9.09%		
167	594	ICCO						1D	14	31/10/2013	1,295.73			839.77	338.17	117.79	9.09%		
176	660	ICCO						SW	15	31/10/2013	4,792.81			3,106.11	1,250.81	435.69	9.09%		
178	642	ICCO						1C	12	31/10/2013	93,279.43			60,454.74	24,344.74	8,479.95	9.09%		
179	682	ICCO						1D	14	31/10/2013	-367,083.93			237,007.79	95,883.97	33,371.18	9.09%		

2.08a Approved Change Orders

										Job Estimate Budgets								
PMC	W/C	ICCO	BOT	Design	CBT	Contract	Sub	Section / Activity	Description	Date Issued	Revenue	BOT	Design	Construction	Professional	Margin	Margin In %	Revenue
									15	31/10/2013	2,414.74			1,565.00	630.22	219.62	9.09%	
								1D	15	31/10/2013	37,869.20			24,543.17	9,883.38	3,442.65	9.09%	
								1D	15	31/10/2013	1,387.12			898.00	362.02	126.10	9.09%	
								1C	15	31/10/2013	5,535.38			3,587.50	1,444.68	503.22	9.09%	
								1D	14	31/10/2013	209,380.12			135,700.02	54,845.54	10,034.56	9.09%	
								1D	14	31/10/2013	15,045.53			9,751.06	3,926.69	1,367.79	9.09%	
								1D	14	31/10/2013	9,452.93			6,126.48	2,467.09	859.36	9.09%	
								1CD	13	31/10/2013	1,131.10			733.07	295.20	102.83	9.09%	
								1D	14	31/10/2013	70,478.88			45,677.61	18,394.09	6,407.17	9.09%	
								1D	14	31/10/2013	2,211.82			1,433.49	577.26	201.07	9.09%	
								1D	14	31/10/2013	49,834.13			32,297.68	13,006.07	4,530.38	9.09%	
								1D	14	31/10/2013	37,713.30			24,442.13	9,842.69	3,429.49	9.09%	
								1C	12	31/10/2013	3,803.25			2,529.71	1,018.70	354.84	9.09%	
								SW	15	31/10/2013	4,123.91			2,672.72	1,076.29	374.90	9.09%	
								1C	12	31/10/2013	7,180.38			4,646.49	1,671.11	651.76	9.09%	
								1D	14	31/10/2013	18,775.71			12,818.71	5,161.21	1,787.79	9.09%	
								SW	15	31/10/2013	2,343.21			1,518.64	611.55	213.02	9.09%	
								1C	12	31/10/2013	205,939.73			133,470.29	53,747.64	18,721.79	9.09%	
								1D	14	31/10/2013	33,101.82			21,453.41	8,639.15	3,009.26	9.09%	
								1C	12	31/10/2013	2,716.91			1,760.84	709.09	246.99	9.09%	
								1CD	12	31/10/2013	-9,012.45			5,841.00	2,352.13	819.31	9.09%	
								1CD	15	31/10/2013	6,899.33			4,485.00	1,790.03	626.30	9.09%	
								1C	12	31/10/2013	55,427.11			35,922.51	14,465.77	5,038.83	9.09%	
								1C	12	31/10/2013	6,717.57			4,353.68	1,753.20	610.69	9.09%	
								1C	12	31/10/2013	100,527.53			65,152.28	26,236.40	9,138.87	9.09%	
								SW	14	31/10/2013	22,872.50			14,423.75	5,969.43	2,079.32	9.09%	
								1CD	12	31/10/2013	4,073.02			2,639.74	1,063.01	370.27	9.09%	
								1D	14	31/10/2013	-771.48			508.00	201.35	70.13	9.09%	
								1D	14	31/10/2013	32,269.58			20,914.03	8,421.95	2,933.60	9.09%	
								1C	12	31/10/2013	246,107.85			159,503.40	64,231.01	22,373.44	9.09%	
								1D	14	31/10/2013	5,085.12			3,282.72	1,321.93	460.47	9.09%	
								1C	12	31/10/2013	54,026.77			35,014.95	14,100.30	4,911.52	9.09%	
								1D	14	31/10/2013	31,749.10			20,576.71	8,286.11	2,886.28	9.09%	
								1CD	12	31/10/2013	2,225.20			1,442.16	580.75	202.29	9.09%	
								1D	14	31/10/2013	13,218.97			8,567.28	3,449.98	1,201.72	9.09%	

2.08a Approved Change Orders

PME	WIC	ICCO	BOT	Design	COST	COST/£	Risk	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Reserve	
												BOT	Design	Construction	Provision	Margin		Margin In %
265	756	ICCO					✓	1D 14	Widening of tram Ped walkway at Haymarket	31/10/2013	2,146.14		1,390.92	960.11	195.10	9.09%		
274	766	ICCO					✓	1D 12	Additional cost of deck lighting	31/10/2013	16,261.58		10,500.31	4,228.41	1,472.87	9.09%		
277	781	ICCO					✓	1C 12	Re-Scope of Road Markings St Andrew Square	31/10/2013	6,771.93		4,388.91	1,767.39	615.63	9.09%		
288	842	ICCO					✓	1C 12	York Place Underground Structure	31/10/2013	17,340.31		11,238.32	4,525.60	1,576.39	9.09%		
284	584	ICCO					✓	1D 14	Surfacing Indices	31/10/2013								
285		ICCO					✓	1C 12	Additional 22m of YP Track	31/10/2013	26,544.13		17,203.35	6,927.88	2,413.10	9.09%		
303		ICCO					✓	1C 15	Switch York Place to Christmas 2012 TM Phasing	31/10/2013	13,019.40		8,437.92	3,397.90	1,183.58	9.09%		
73-001		ICCO					✓	1C 14	Provide Access for Third Parties	31/10/2013	1,067.10		691.59	278.50	97.01	9.09%		
74-TBA-TM		ICCO					✓	1D 15	Transfer of MGNicholas TM to Infrasp - To be Maintained as TTI instruction	31/10/2013	14,412.02		9,340.48	3,761.55	1,310.18	9.09%		
<b>TOTALS</b>											<b>8,902,816.39</b>	<b>4,970,981.09</b>	<b>1,615,381.92</b>	<b>786,888.75</b>	<b>1,752,752.69</b>	<b>1,350,589.44</b>	<b>15.17%</b>	

7,552,226.95

Project: **Edinburgh Tram Network**  
 as per: **31/10/2013**

**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	08/10/2012	365,021	237,263	164,260	365,023	+	
264	742				5B	Reinstating South Gyle Access Junction - Reinstatement supplemented by Aecom	12/02/2013	123,244	80,100	55,460	123,244	+	
278	765				2A/5A	Fencing requirements to Network Rail corridor	08/04/2013	111,714	72,811	50,271	111,714	+	
287	773				5A	Water of Leith Lighting	21/05/2013	31,206	20,288	14,014	31,206	+	
289	783				2A	Modify/Cut down part of Murrayfield Trainstop Wall at west end of inbound track	31/07/2013	1,821	1,181	821	1,821	+	
302	788				2A/5A	Various safety related issues	15/08/2013						
305	794					Balgreen Pelican Crossing - Alter to Toucan crossing	23/08/2013	50,081	33,291	22,538	50,084	+	
306	792					Section B1 Handover	24/08/2013						
308	789					Gyle soft landscaping - Desclope	04/09/2013	1,471			1,474	+	
309	793				SW	Provide report on implications of heavy tram	05/09/2013						
213					5B	Site vandalism, Saughton Tramstop (SV-0226a)	03/10/2013						
314	797				6 & 7	Update lighting as built with CEC asset reference number	25/09/2013						
315	784					Install steel barrier and paint hatched areas around lighting columns to prevent trip hazard	25/09/2013						
317	796				2A/5A	Desclope soft landscaping between Haymarket Viaduct and Depot Access Bridge	09/10/2013	4,160	2,791	1,872	4,161	+	
324					1D	Provide Access for Third Parties - Shandwick Wall & Hearts Memorial	22/10/2013						
<b>TOTALS</b>								<b>677,468</b>	<b>440,354</b>	<b>304,861</b>	<b>677,468</b>	<b>-</b>	
											submitted	under preparation	
											maximum potential of changes		<b>677,467.83</b>

Project: **Edinburgh Tram Network**

as per: **31/10/2013**



**2.09 Payment Status**

PROGRESS			INVOICE							PAYMENT			
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE PAYMENT %	RETENTION MONEY %	OTHERS %	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance									0				
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
65	MONTH	7,911,993	73	2,008,982	2,135,214	126,232	0	0	0	2,135,214	11/09/2013	11/09/2013	2,135,214
Sep-13	ACCUM	250,573,488		276,315,117	276,143,280	-171,837				276,143,280			276,143,280
66	MONTH	8,127,833	74	2,003,024	2,024,773	21,749	0	0	0	2,024,773	16/10/2013	16/10/2013	2,024,773
Oct-13	ACCUM	252,909,617		278,318,141	278,168,053	-150,088				278,168,053			278,168,053
												<b>278,168,053</b>	



Project: **Edinburgh Tram Network**as per: **31/10/2013**

## 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	84	34	79	94%	63	0	58	2	92%
1D	87	25	71	82%	43	0	40	1	93%
2A	38	2	37	97%	126	0	121	0	96%
5A	101	14	98	97%	65	1	62	0	95%
5B	131	35	124	95%	102	2	81	1	79%
5C	66	20	60	91%	80	0	67	1	84%
6	36	0	36	100%	125	0	125	0	100%
7A	193	0	193	100%	73	0	73	0	100%
System NCRs (non-audit)					686	3	636	5	93%
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 package contractors and are currently being reviewed by Bilfinger.

Project: **Edinburgh Tram Network**  
as per: **31/10/2013**



**2.12 Safety Information System - SIS**

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

Month	<b>Oct-13</b>	Prepared by				Contact phone or email.	<b>@bilfinger.com</b>
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	38		37	167		242	
Hours <sup>2</sup>	5941		5873	33852		45666	
<b>Accidents in this month</b> (if no accidents but a previous accident person is still away from work, write in calendar days lost but leave accident space clear)							
Fatal						0	
Serious: over 3 days injury						0	
Duty travelling / commuting 1D+						0	
LTI: 1 -3 days injury						0	
1st Aid only						0	
Calendar days lost this month + from any previous ongoing accidents						0	
<b>Incidents</b>							
Damage						0	
Environment Ecology / Pollution						0	
Not work related eg flood, bomb scare						0	
Near misses, hazards reported						0	
<b>Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents, plus any work-related 'Health' incidents</b>							
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	
		Whilst trying to dislodge a chisel with a hammer that was wedged between to sections of rebar Mr Robertson managed to hit himself on the eye with the		04-Jul-13		30	
		During surfacing operations the injured person fell backwards whilst entering the roller onto his wrist.		14-Aug-13	29-Oct	29	

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  
<sup>7</sup>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+

### 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>