



**BILFINGER** Bilfinger Construction GmbH

# EDINBURGH TRAM NETWORK

## Monthly Project Report April 2013



## Monthly Report Major Projects

**Project: Edinburgh Tram Network**

**Reporting Period: April 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	
<b>3.</b>	<b>Attachments</b>	
3.01	Overview Movements of Contingencies	
3.02	Design - Drawing Status	n/a

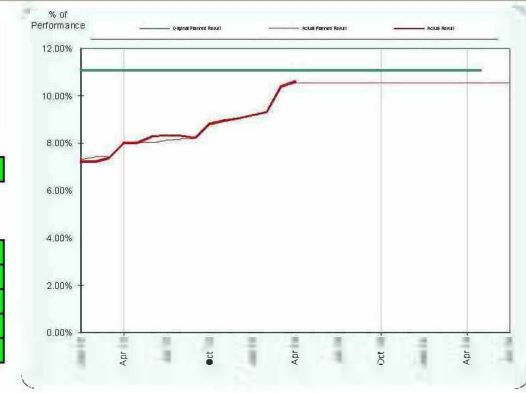
**1.01 Project Overview Charts**



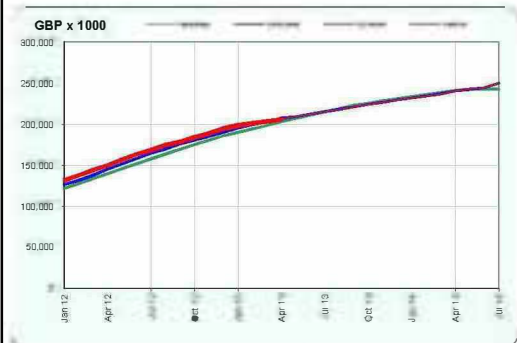
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date		15-May08				
Construction end date	16-Jul-11	08-Jul-14	08-Jul-14	08-Jul-14	0.0 month	green
Total contract value [GBPx1000]	141,509	271,542		279,815		
Claims / Variations approved				8,272		
Claims / Variations not approved				507		
Performance		227,166	232,047	230,977	99.5%	green
Actual Cost to Date				206,475	99.9%	green
Result	11.07%	7.23%	10.56%	10.61%	3.3%	green
Payment Status		227,166	260,627	260,779	100.1%	green
Av.Perf/mth: Rem. & act. 3mth			1,526	4,030		green

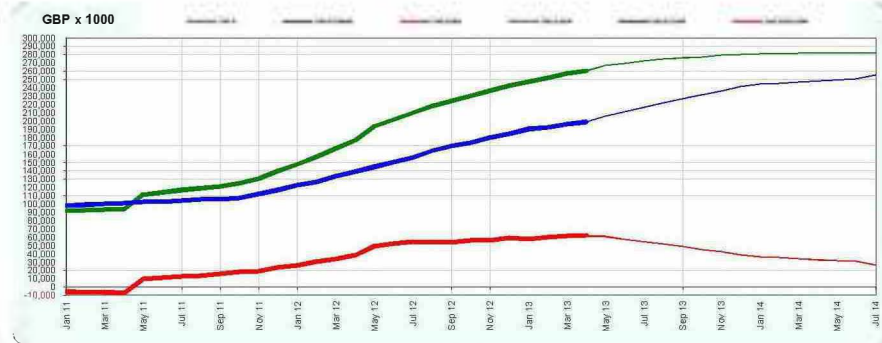
Project Key Figures



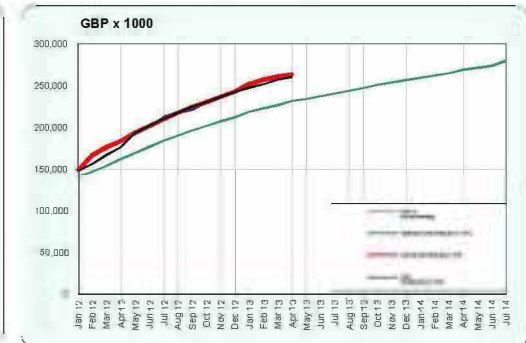
Project Result



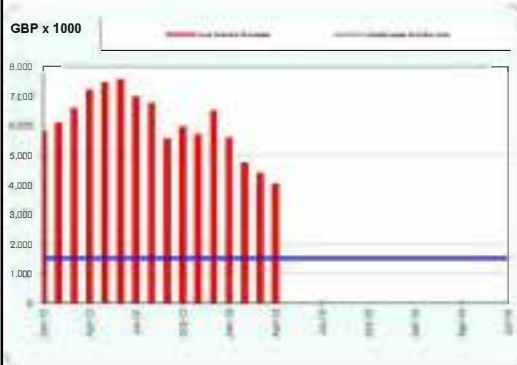
Project Cost



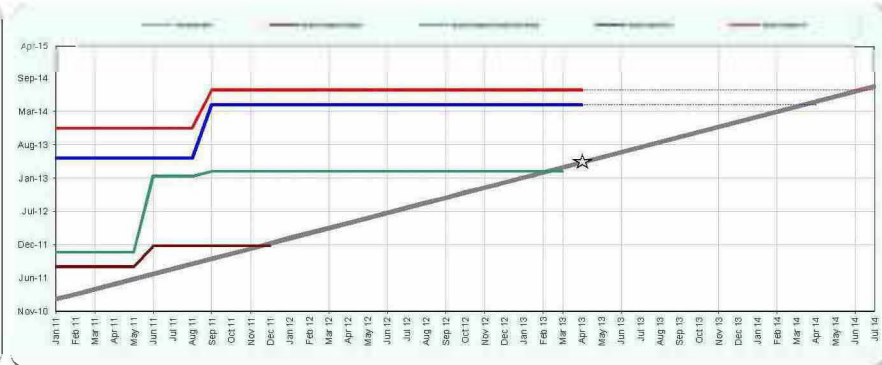
Cashflow



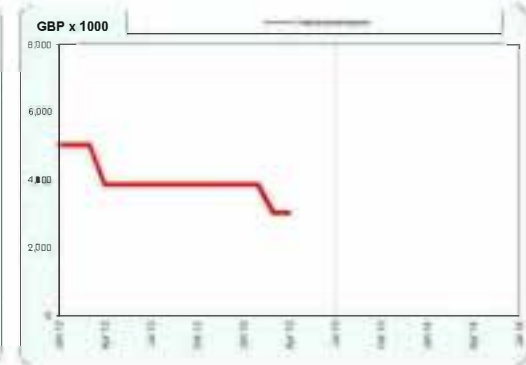
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev4)



Contingencies vs Risks

## 1.02 Short note on Overview Charts

### 1.2.1 Performance

Last month works were performed in accordance with the agreed Programme Rev5.

Actual performance:	£3,344,989
Planned performance:	<u>£4,415,000</u>
Variance:	-£1,070,011

### 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:	£24,502,783	or	10.61%
Forecast/planned result:	£29,549,681	or	10.56%
Weighted margin out of R&O:	£32,351,982	or	11.56%

### 1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£263,311,553
Paid net from the client:	<u>£260,778,820</u>
Variance	£2,532,733

The payment of £2,532,733 was received on schedule on 02/05/2013.

### 1.2.5 Cashflow

The ETN project cash position increased further positive on the basis of the revised milestone payment schedule and effective cash management.

Cash in net:	£261,755,469	(incl. interest income)
Cash out net:	£199,225,678	
Cash balance net:	£62,529,791	

### 1.2.6 Contingencies

The installed contingencies value was reduced because of Milestone Section Completion B achievement:

£3,032,396 (see attachment 3.01)

### 1.2.7 Construction Programme

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

Contractual milestones defined:

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

**1.03 General Information**

1.3.1	<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 April works were performed in accordance with the agreed Programme Rev5. Partly bad weather caused disruptions which is reflected in a lower performance than planned.</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 April 9 new, revised and further works on On-Street changes were issued. Because of an ordered VE within the On-Street the Variation Order value in total decreased in an amount of £ -2,392,618 to £ 8,272,430 in total.</p>		
1.3.2	<b>Significant extraordinary events</b>		
	Date	Description	Remarks
1.3.3	<b>Recent important agreements with the Employer or instructions having significant consequences</b>		
	Date	Description	Remarks
1.3.4	<b>Status on Major Unapproved Claims / Variations / Changes</b>		
	Several changes have been notified (see list "2.08b Unapproved Changes").		



## 1.04 Performance Sheet

1. General Information				2. Construction Period		Original Contract	Revised Contract	Variance					
Client:	The City of Edinburgh Council			Construction start date	15-May-08	15-May-08	0 days						
Leadership:	BILFINGER CONSTRUCTION UK LIMITED			Construction end date	16-Jul-11	08-Jul-14	1,088 days						
			Share: 100%	Total excl. Site Removal	38.0 month	73.8 month	194.0 %						
Currency:	GBP	Rp.	(all amounts without V.A.T.)	Expired construction time	59.5 month	59.5 month	80.7 %						
Rate of Exchange Top Sheet:	1 GBP =	1.11 EUR	Actual: 1.19 EUR	Performance to date	<b>230,977,285 GBP</b>		82.5 %						
2. Total Contract Value				Total Previous Month		April 2013	Total Reporting Month						
Contract Value with Client (Rev 4 evaluation)				271,542,291 (incl. SDS NovaAgree)	100.00%	282,207,339	103.9%	-2,392,618	279,814,721	103.0%			
Contract Value with 3rd Parties (without interest)						0	0.0%	0	0	0.0%			
						282,207,339	103.9%	-2,392,618	279,814,721	103.0%			
3. Claims and Variations				Total Previous Month		April 2013	Total Reporting Month						
Claims and Variations approved				10,665,048	3.9%	-2,392,618	8,272,430		3.0%				
Claims and Variations submitted but not approved yet				-1,741,000	-0.6%	2,248,277	507,277		0.2%				
Claims and Variations under preparation				0	0.0%	0	0		0.0%				
4a. Performance				Total Previous Month		April 2013	Total Reporting Month						
Performance for Actual Contract Value with Client				227,632,296	80.66%	3,344,989	230,977,285	82.55%					
Performance for 3rd Parties (without interest)				0	0.00%	0	0	0.00%					
Total Performance to Date				227,632,296	80.66%	3,344,989	230,977,285	82.55%					
Remaining Performance to Date				54,575,043	19.34%		48,837,436	17.45%					
Actual Planned Performance (Planned Performance per report date - Performance Last Month)				227,632,296	80.66%	4,415,000	232,047,296	82.93%					
4b. Cost				Total Previous Month		April 2013	Total Reporting Month						
Actual Cost at Reporting Date				203,963,168	72.27%	2,511,334	206,474,502	73.79%					
5. Result				Total Previous Month		April 2013	Total Reporting Month						
Planned Result for Contract with Client (revised evaluation)				19,632,508	7.23%	29,377,784	10.41%	171,897	29,549,681	10.56%			
Actual Result at Reporting Date						23,669,128	10.40%	833,655	24,502,783	10.61%			
Forecast Result at the End of Contract						29,377,784	10.41%	171,897	29,549,681	10.56%			
Weighted Result at the End of Contract (Likely Case)						32,201,814	11.41%	333,918	32,535,732	11.63%			
6. Invoices, Payment and Bank account				Total Previous Month		April 2013	Total Reporting Month						
Application to the client - excl. VAT				incl. Ret. Money	0	0.00%	261,316,829	92.60%	2,701,828	264,018,657	94.35%		
Certified by the client (Invoice) - excl. VAT				incl. Ret. Money	0	0.00%	260,778,820	92.41%	2,532,733	263,311,553	94.10%		
Cash in from the client - excl. VAT				excl. Ret. Money	0	0.00%	257,380,425	91.20%	3,398,395	260,778,820	93.20%		
Cash in from 3rd Parties - excl. VAT						0	0.00%	0	0	0.00%			
Interest income						972,221	0.43%	4,429	976,650	0.42%			
Cash out (excl. VAT)						196,227,349	69.53%	2,998,329	199,225,678	71.20%			
Net Liquidity				creditline	0	0%	62,125,297	22.01%	404,494	62,529,791	22.35%		
7. Subcontractor Work (incl. Design)				Total Previous Month		April 2013	Total Reporting Month						
Total Portion of Subcontractor Budget (first evaluation)				186,628,491 (incl. SDS)	68.73%	191,616,505	67.90%	-2,213,436	189,403,069	67.69%			
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						Performance and Result in 2008-2010		
						2008-2010	2011	2012	2013	2014	Performance	100,868,316	36.0%
Jan		1,706	2,786	2,346		1,573	5,817	4,419	2,712		Result	118,099	0.12%
Feb		2,526	4,026	2,026		815	6,518	3,239	2,705		Performance and Result in 2011		
Mrz		3,526	5,026	2,526		788	7,419	5,507	2,678		Performance	35,119,425	12.6%
Apr		4,526	5,276	2,526		12,940	1,424	7,646	3,345	3,997	Result	9,885,015	28.15%
Mai	855	5,776	6,026	2,526			1,574	7,266	3,387	2,516	Performance and Result in 2012		
Jun	1,355	5,776	6,526	1,026			2,056	7,720	3,363	2,178	Performance	78,480,136	28.0%
Jul	2,375	5,776	6,526	1,026			1,937	5,930	3,345	5,980	Result	9,453,809	12.05%
Aug	2,855	6,026	6,526				1,355	6,583	3,297		Performance and Result in 2013		
Sep	3,055	4,826	6,526				2,010	7,192	4,118	3,225	Performance	42,580,628	15.2%
Okt	2,855	4,026	6,526				50,195	4,827	7,159	3,288	Result	7,688,544	18.06%
Nov	1,535	2,526	5,026					5,712	5,760	3,138	Performance and Result in 2014		
Dez	1,446	1,866	1,706					5,867	6,545	3,028	Performance	22,766,216	8.1%
Total	16,334	48,678	62,498	13,999		100,868	35,119	78,480	42,581	22,766	Result	2,404,214	10.56%
		Linear Calculation				total: 279,815					Total Performance and Result		
											Performance	279,814,721	100.0%
											Result	29,549,681	10.56%
Edinburgh, 16/05/2013						Edinburgh, 16/05/2013							
Place and Date	M Foerder, 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	279,815	279,815	279,815	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-250,265	-250,265	-250,265
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	0
5.2					5.2	Savings on Uninsured Economic Losses	1,980	1,000	0
5.3					5.3	Interest Income	41	20	0
5.4					5.4				
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	5,053	2,802	0
6 =1+3+4+5	Forecast Final Revenue	279,815	279,815	279,815	6 =1+2+3+4+5	Forecast Final Costs	-245,212	-247,463	-250,265

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	279,815		
	Costs	-245,212		
	Result	34,603		
% Gross Margin based on Revenue Best Case	Revenue: 279,815	12.37%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		279,815	
	Costs		-247,463	
	Result		32,352	
% Gross Margin based on Revenue Likely Case	Revenue: 279,815		11.56%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			279,815
	Costs			-250,265
	Result			29,550
% Gross Margin based on Revenue Worst Case	Revenue: 279,815			10.56%
Gross Margin previous month (most likely case)		12.21%	11.41%	10.41%

Project: **Edinburgh Tram Network**  
as per: **30/04/2013**



**2.01 Cost Reconciliation Sheet**

**see following pages**



Project: GB-2006-1001JE58 Edinburgh Tram Network 2013-04  
Reporting Month: 60. Report Period, 30/04/2013

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE									CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL				
Work- / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allowable incl. agreed VO's 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC IQxDJC-Rate 9	Variance to Date 10 = 9 - 5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 1	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJC AQty. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 21=18-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
25.1.201.12	SECTION 1C	4,175,837	1,180,485	5,356,322	5,353,878	0	-2,444	5,353,878	-2,444	165,123	166,798	1,675	9,613,737	9,613,737	-2,031,668	0	7,581,869	7,377,892	72.57 %	2,024,011	7,380,336	201,533	-3,368
25.1.201.13	Princes Street (outstanding ...)	1,560,683	118,671	1,679,354	1,613,215	0	-66,139	1,668,421	-10,93	-10,947	0	10,94	1,162,259	1,162,259	583,503	0	1,745,761	1,743,762	95.68 %	75,341	1,754,695	-8,933	-69,125
25.1.201.14	SECTION 1D	6,853,373	1,125,149	7,978,522	7,976,096	0	-2,426	7,976,096	-2,426	807,706	808,426	720	10,028,527	10,028,527	549,305	0	10,577,832	10,306,393	77.39 %	2,330,29	10,308,819	269,013	-3,135
25.1.201.15	SECTION 1CD - SITE WIDE	3,914,073	221,863	4,135,936	4,173,742	0	37,806	4,173,742	37,806	96,492	139,769	43,27	5,916,403	5,916,403	919,753	0	6,836,156	6,359,842	65.63 %	2,186,100	6,322,036	514,120	57,605
1.1	CONSTRUCTION ON-STREET rev ...	16,593,966	2,646,168	19,150,134	19,116,931	0	-33,20	19,172,137	22,003	1,058,374	1,114,993	56,619	26,720,926	26,720,926	20,693	0	26,741,619	25,787,889	74.35 %	6,615,75	25,765,888	975,733	-18,021
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	3,248,271	56,980	3,305,251	3,313,571	0	8,320	3,313,571	8,320	7,407	0	-7,407	3,810,714	3,810,714	5,201	0	3,815,916	3,815,916	86.84 %	502,345	3,807,596	8,320	9,581
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,225	0	2	12,083,223	0	0	0	0	12,083,225	12,083,225	0	0	12,083,225	12,083,223	100.00 %	0	12,083,223	2	2
1.2	CONSTRUCTION ON-STREET origl...	19,260,893	56,980	19,317,873	19,356,834	0	38,961	19,326,193	8,320	7,407	-7,407	22,074,886	22,074,886	-2,215,701	0	19,859,179	19,828,538	97.47 %	502,345	19,820,218	38,961	40,222	
25.1.201.54	SECTION 5ABC- Trackworks	16,392,730	864,507	17,257,237	17,270,634	0	13,39	17,270,634	13,397	373,344	391,115	17,771	18,185,633	18,185,633	2,458,663	0	20,644,296	20,469,297	84.37 %	3,198,663	20,455,900	188,396	15,879
25.1.201.58	SECTION 5ABC- Structures	36,045,996	117,974	36,163,970	36,160,009	0	-3,961	36,160,009	-3,961	156,934	175,617	18,683	40,384,415	40,384,415	116,945	0	40,501,360	39,608,111	91.29 %	3,448,102	39,612,071	889,288	-4,339
25.1.201.61	SECTION 2	24,708,485	974,746	25,683,231	25,680,585	0	-2,646	25,680,585	-2,646	413,051	424,413	11,36	25,928,810	25,928,810	-16,889	0	25,911,921	26,545,620	96.74 %	865,035	26,548,266	-636,345	-2,735
25.1.201.62	SECTION 7	17,343,744	-8,186	17,335,558	17,340,502	0	4,94	17,340,502	4,944	-13,062	10,001	23,063	17,060,851	17,060,851	463,746	0	17,524,591	17,600,961	98.52 %	260,459	17,596,011	-71,420	5,018
25.1.201.63	SECTION 6	17,295,074	714,812	18,009,886	17,710,436	0	-299,450	18,012,680	2,79	-2,178	10,000	12,178	17,583,988	17,583,988	126,448	0	17,710,436	18,012,680	100.00 %	0	18,009,886	-299,450	-299,450
1.3	CONSTRUCTION OFF-STREET	111,786,029	2,663,853	114,449,882	114,162,166	0	-287,716	114,464,410	14,528	928,089	1,011,146	83,057	119,143,697	119,143,697	3,148,913	0	122,292,610	122,236,669	93.64 %	7,772,259	122,222,141	70,469	-285,627
25.1.201.21	TTM	3,404,948	52,334	3,457,282	3,507,445	0	50,16	3,483,544	26,262	4,003	11,243	7,240	4,258,521	4,258,521	138,696	0	4,397,211	4,397,217	79.22 %	913,671	4,370,955	26,262	63,321
25.1.201.25	Advanced Maintenance	75,662	856	76,518	75,297	0	-1,221	75,297	-1,221	7,831	5,323	-2,508	0	0	202,080	0	202,080	202,080	37.26 %	126,78	203,301	-1,221	-3,271
1.4	SECTION 4	3,480,610	53,190	3,533,800	3,582,742	0	48,94	3,558,841	25,041	11,834	16,566	4,73	4,258,521	4,258,521	340,776	0	4,599,291	4,599,297	77.38 %	1,040,456	4,574,256	25,041	60,044
	DIRECT JOB COSTS	151,031,498	5,420,191	156,451,689	156,218,673	0	-233,016	156,521,581	69,892	2,005,704	2,142,705	137,001	172,198,030	172,198,030	1,294,675	0	173,492,705	172,452,393	90.76 %	15,930,812	172,382,501	1,110,204	-203,381
25.1.201.42	HAYMARKET OFFICE	568,216	-6,385	561,831	584,380	0	22,549	568,479	6,648	10,137	9,750	-38	1,030,622	1,030,622	264,808	0	1,295,430	1,060,744	53.59 %	484,388	1,054,096	241,334	42,071
25.1.201.53	EDINBURGH PARK STORAGE	1,459,414	5,401	1,464,815	1,474,462	0	9,64	1,474,462	9,647	5,559	4,980	-579	1,716,758	1,716,758	0	0	1,716,758	1,716,758	85.89 %	242,296	1,707,111	9,647	11,231
25.1.201.64	CONSORTIUM OFFICE	4,255,229	40,628	4,295,857	4,303,390	0	7,533	4,303,390	7,533	52,573	45,672	-6,901	6,304,886	6,304,886	2,131,279	0	8,436,165	6,907,532	62.30 %	2,604,142	6,899,999	1,536,166	12,091
25.1.201.65	STAFF	23,933,173	93,023	24,026,196	24,101,690	0	75,494	24,019,652	-6,544	402,525	401,500	-1,025	33,262,345	33,262,345	1,248,241	0	34,510,586	29,688,776	80.90 %	5,669,124	29,695,320	4,815,266	93,318
25.1.201.66	DESIGN	13,755,114	0	13,755,114	13,762,542	0	7,428	13,755,114	0	0	0	0	14,430,459	14,430,459	1,487,569	0	15,918,028	15,910,676	86.45 %	2,165,561	15,910,675	7,353	8,592
25.1.201.67	FINANCE	1,119,757	2,571	1,122,328	1,158,416	0	36,088	1,138,416	16,088	35,672	40,511	4,845	10,683,311	10,683,311	279,491	0	10,962,803	12,079,008	9.42 %	10,940,592	12,062,920	-1,100,117	36,088
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	4,215,802	37,094	4,252,896	4,295,296	0	42,400	4,255,296	2,400	-2,835	2,835	6,699,594	6,699,594	273,284	0	6,972,878	6,872,982	61.91 %	2,617,686	6,870,582	102,296	68,481	
	INDIRECT JOB COST	49,850,480	172,332	50,022,812	50,223,951	0	201,139	50,058,585	35,773	503,631	502,419	-1,212	74,671,750	74,671,750	5,684,673	0	80,356,423	74,780,251	66.94 %	24,721,666	74,744,478	5,611,945	271,885
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>200,881,978</b>	<b>5,592,523</b>	<b>206,474,501</b>	<b>206,442,624</b>	<b>0</b>	<b>-31,871</b>	<b>206,580,166</b>	<b>105,665</b>	<b>2,509,335</b>	<b>2,703,988</b>	<b>194,651</b>	<b>251,909,780</b>	<b>251,909,780</b>	<b>6,979,348</b>	<b>0</b>	<b>258,889,128</b>	<b>250,265,041</b>	<b>82.54 %</b>	<b>43,684,875</b>	<b>250,159,376</b>	<b>8,729,752</b>	<b>68,501</b>

Project: GB-2006-1001JE58 Edinburgh Tram Network 2013-04  
Reporting Month: 60. Report Period, 30/04/2013

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-IQ) 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>		200,881,978	5,592,524	206,474,502	206,442,624		-31,878	206,580,167	105,665	2,509,33	2,703,988	194,65	251,909,780	251,909,780	6,979,346		258,889,126	250,265,040	82.5 %	43,684,873	250,159,375	8,729,751	-38,640
<b>Prime Cost Sums 0 / 0</b>																							
<b>Total Cost without Prime Cost Sums</b>		200,881,978	5,592,524	206,474,502	206,442,624		-31,878	206,580,16	105,665				251,909,78	251,909,780	6,979,34		258,889,126	250,265,040		43,684,873	250,159,37		

REMEASURED CONTRACT:

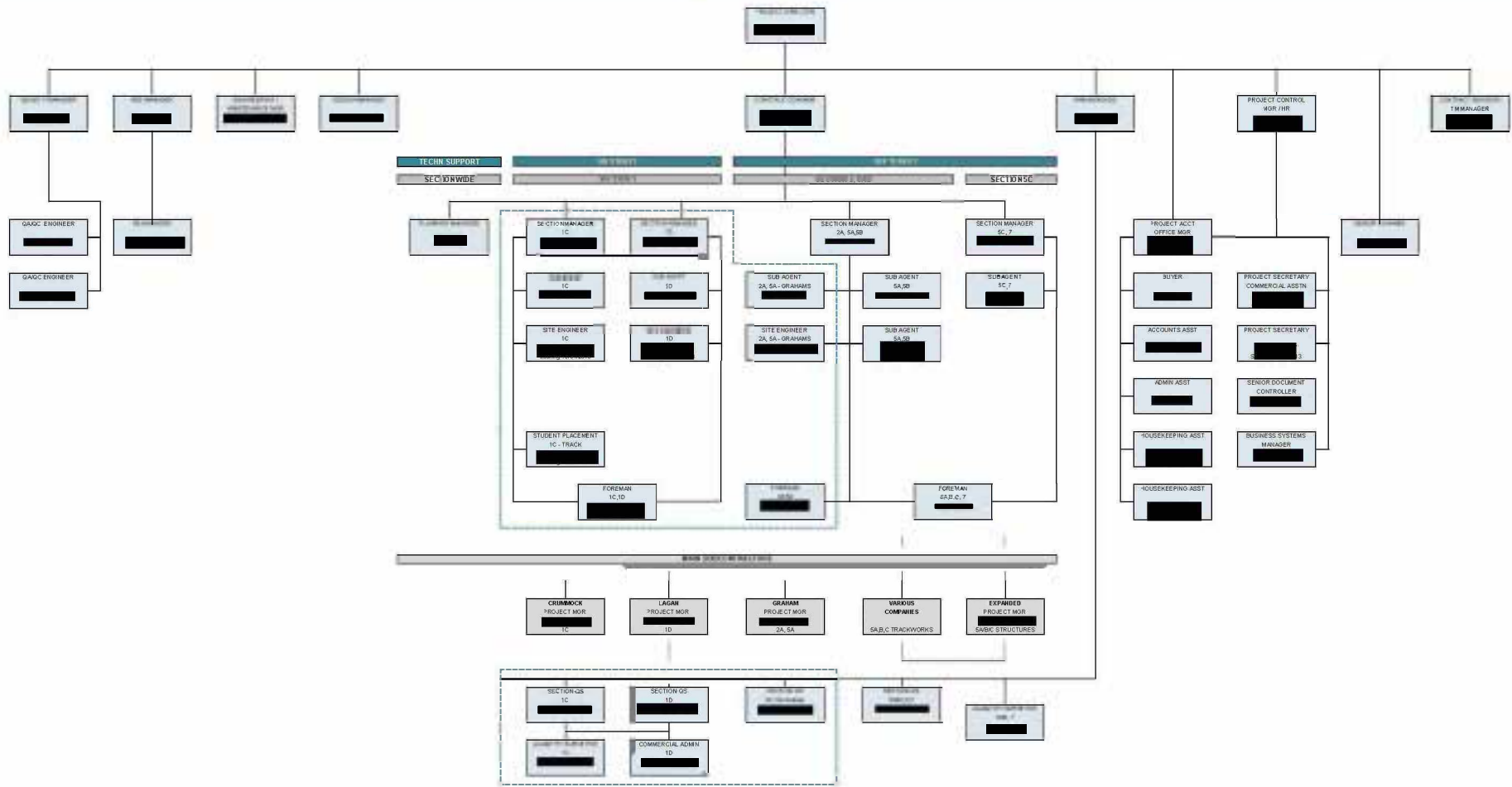
Gross Margin original Contract and agreed VO's (PF = 1.1181, PFB = 1.0808)

<b>Total Cost without Prime Cost Sums</b>		206,474,502	206,442,624		206,580,16					251,909,780	251,909,780	6,979,346		258,889,126	250,265,040		250,159,37						
Gross Margin			16,680,564		24,397,118					19,632,511	19,632,511	1,293,084.00		20,925,595	29,549,681		29,655,346						
Gross Margin in % of Performance			7.48 %		10.56 %					7.23 %	7.23 %	15.63 %		7.48 %	10.56 %		10.60 %						
<b>Performance without Prime Cost Sums</b>			223,123,188		230,977,285					271,542,291	271,542,291	8,272,430		279,814,721	279,814,721		279,814,721						
<b>Actual Cost to date</b>			206,474,50		206,474,50																		
Gross Margin to date			16,648,686		24,502,783																		
Gross Margin to date in % of Performance			7.46 %		10.61 %																		
<b>Performance Prime Cost Sums</b>																							
Total Performance			223,123,188		230,977,285					271,542,291	271,542,291	8,272,430		279,814,721	279,814,721		279,814,721						
Revenue according WBS																							

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.1181, PFB = 1.0808)

<b>Total Cost without Prime Cost Sums</b>			206,442,624		206,580,167					251,909,780	251,909,780	6,979,346		258,889,126	250,265,040		250,159,375						
Gross Margin			16,680,564		24,397,118					19,632,511	19,632,511	1,293,084.00		20,925,595	29,549,681		29,655,346						
Gross Margin in % of Performance			7.48 %		10.56 %					7.23 %	7.23 %	15.63 %		7.48 %	10.56 %		10.60 %						
<b>valued Performance without Prime Cost Sums</b>			223,123,188		230,977,28					271,542,291	271,542,291	8,272,430		279,814,721	279,814,721		279,814,721						
<b>Actual Cost to date</b>			206,474,502		206,474,50																		
Gross Margin to date			16,648,686.00		24,502,783																		
Gross Margin to date in % of Performance			7.46 %		10.61 %																		
<b>Performance Prime Cost Sums (incl. valued performance)</b>																							
Total Performance (incl. valued performance)			223,123,188		230,977,285					271,542,291	271,542,291	8,272,430		279,814,721	279,814,721		279,814,721						
Revenue according WBS (VO's valued)																							
Revenue according WBS (VO's valued by 100%)																							

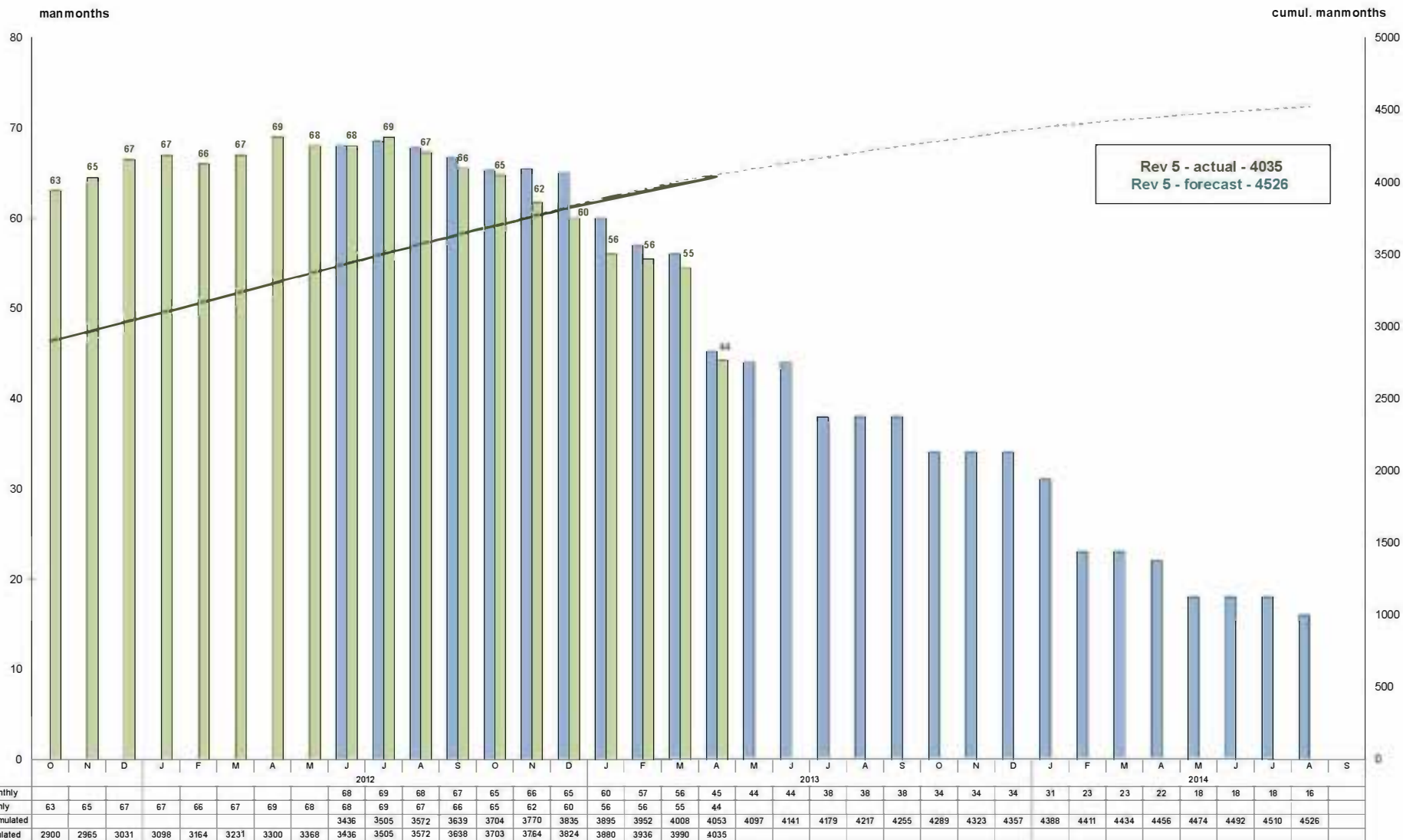
2.05 Organisation Chart



Based at Haymarket Office

**EDINBURGH TRAM NETWORK  
 CIVIL WORKS TEAM**  
 Rev63 01/04/2013

2.06 Staff Chart





2.08a Approved Change Orders

										Job Estimate Budgets									
PMC	SEC	ICO	BOT	Design	CON	CONTR	CON	Section / Activity	Description	Date Issued	BS	Revenue	BOT	Design	Construction	Professional	Margin	Margin %	Remarks
	501	502		✓				1A	66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011	20,021.00		14,841.36		3,359.55	1,820.09	9.09%	
	502	508		✓				1A	66	New Footpath at ocean Drive	26/10/2011	10,231.00		7,584.14		1,716.77	930.09	9.09%	
	503	515			✓			5C	63	Additional cycle path at Depot Access Bridge to Edinburgh Gateway	01/12/2011	16,980.40			12,587.40	2,849.33	1,543.67	9.09%	
	504	506		✓				1C	66	Inclusion of Blenheim Place redesign (for IRO) within Picardy Place redesign- instructions	26/10/2011	46,247.00		34,282.43		7,760.30	4,204.27	9.09%	
	505	513		✓	✓			1C	66.12	Design of York Place Terminal Point a new runtime including incorporating New runtime made based on York Place Terminal Agreement (was PMG 14)	29/11/2011	228,652.90		169,498.00		38,668.18	20,786.62	9.09%	
	506	508A		✓				1C	66	Princes St - new cycle way from The Mount into Princes Street	26/10/2011 30/11/2012	11,105.64		8,232.50		1,863.54	1,009.80	9.09%	
	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%	
	509	519		✓				OH	66	Cathedral Lane Substation - change to Henderson Global Design	15/12/2011	233,595.97		173,162.10		39,197.60	21,235.97	9.09%	
	520	553			✓				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	Allow for storm water connection from Gogar Lodge to laid down new sewer tank (W 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	28/02/2012	53,855.15		39,796.26		9,008.43	4,880.47	9.09%	
13	508	507		✓				7A	66	New Road Safety Audit to achieve BAWEAL approval	26/10/2011	10,025.00		7,431.43		1,682.21	911.86	9.09%	
15	513	526A		✓				SWON	66	Utility Conflict verification - design changes	20/02/2012	156,870.49			116,286.50	26,323.04	14,260.95	9.09%	
16	514	554			✓			SWON	15	Utility mapping	29/02/2012	92,756.07			68,759.13	15,564.57	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	2,996.00		2,220.80		502.78	272.36	9.09%	
19	524	586		✓	✓				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				494,857.85	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 Cistern 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			5,039.92	1,154.21	625.31	9.09%	
31	544	512			✓			OH	64	Extension to Edinburgh Park Office to accommodate CEC Transport Scotland	29/11/2011	159,900.00			139,043.40	6,820.24	14,536.36	9.09%	
41	534	556			✓			5ABC	54	Scotish Power Insurance Ducts	01/05/2012	5,636.59			4,178.35	945.28	512.42	9.09%	
42	540	539A		✓	✓				54.66	Amendment to landscaping scope at plot 304 section 7	01/02/2012	201,120.00		3,768.00	152,656.21	33,748.15	18,283.84	9.09%	
45	555,557,562	621D		✓	✓			OH	66	Siemens OLE design update	10/04/2013	108,839.04		80,718.34		18,271.70	8,869.00	9.09%	
46	566	535A		✓	✓			OH	66	On-Street design changes due to utilities conflicts	12/01/2012 01/06/2012	47,639.75		35,314.12		7,993.93	4,330.80	9.09%	
47	568	537A		✓	✓			OH	66	On-Street Design Changes due to trackform conflicts	18/04/12	8,605.61		6,379.25		1,444.03	782.33	9.09%	
48	563	516E		✓	✓			OH	66	SDS to provide services of Mat. Fall	16/04/2013	141,730.87		105,063.51		23,782.56	12,884.61	9.09%	
50	567	536D		✓	✓			OH	66	On-Street drainage design changes due to utilities conflicts	18/01/2013	145,991.42		106,214.54		24,495.84	13,271.04	9.09%	
51	558	522A			✓			OH	65	Provision of CAD Technician	03/02/2012	1,663.00			1,255.00	284.09	153.91	9.09%	
53	559	545		✓	✓			OH	66	Detailed Design of York Place Terminal	03/02/2012	56,438.11		41,837.00		9,470.37	5,130.74	9.09%	
54	565	533C		✓	✓			OH	66	Advanced design Edinburgh Gateway - Minimum Option	26/09/2012	5,949.09		4,410.00		996.26	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			2,220,809.09		222,000.91	9.09%	
62	572	540A		✓	✓			OH	66	Cathedral Lane Substation Design	18/01/2012 29/06/2012	34,458.28		25,544.00		5,782.23	3,132.62	9.09%	



2.08a Approved Change Orders

										Job Estimate Budgets										
PMC	SEC	ICO	BOT	Design	CON	CONTRACT	ISSUE	Section/Activity	Description	Date Issued	BS	Revision	BOT	Design	Construction	Provisional	Margin	Margin In %	Remarks	
63	574	542A						2A	61 Haymarket Viaduct delete parts of cladding	16/07/2012		-5,571.34			4,055.13	1,009.72	506.49	9.09%		
64	571A	573C						1D	66 Hope Street reinstatement	20/03/2013		13,639.74		10,111.00		2,244.76	1,239.98	9.09%		
65	577	544A						2A	61 Omit construction of Haymarket Substation retaining wall and piling	06/11/2012		-4,587.82			3,697.21	491.72	418.89	9.09%		
66	578	546						SWON	15 Remove site investigation allowance	03/02/2012		-57,984.00			52,712.73	0.00	5,271.27	9.09%		
70	586	557A						1C	66 Amended Design on St. Andrew Square	20/08/2012		15,227.51		11,288.00		2,555.19	1,384.32	9.09%		
71	587	555B						SWON	66 Revised Site Locations and new Satt Specification	13/09/2012		19,512.19		11,499.00		2,602.96	1,410.20	9.09%		
78	588	55						1D	21 Return of parking spaces Stafford Street	20/02/2012										
80	580	662						1C	12 St Andrew Square de-scope	24/04/2013		-2,156,490.38			1,860,445.80	0.00	198,044.58	9.09%		
81	582	548						5A	61 Deleted Roseburn Viaduct Trespa cladding	08/02/2012		-308,004.00			380,003.64	0.00	28,000.38	9.09%		
83	589	552							62 Deletion of Airport Kiosk	29/02/2012		-15,000.00			136,563.64	0.00	13,639.98	9.09%		
84	593	558A						SWON	66 Cessation of Design North of York Place (SV-208F)	13/07/2012										
85	591	563A						2A	61 Diversion of Scottish Power Cable	21/02/2013		2,428.20			1,800.00	407.45	220.75	9.09%		
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	17,883.26	4,675.37	2,532.96	9.09%		
91	574	574						1A	21 Ongoing Traffic Management	12/06/2012		133,140.45			98,695.68	22,341.11	12,103.68	9.09%		
92	595	566						2A	61 Deletion of crew relief facilities	08/05/2012		-74,001.12			54,959.28	12,417.47	6,727.37	9.09%		
92	618	567						2A	61 Crew relief wall construction to close void beneath Haymarket Viaduct	08/05/2012		10,797.88			8,004.38	1,811.90	981.63	9.09%		
92	615	568A						2A	66 Design for crew relief wall construction to close void beneath Haymarket Viaduct	09/10/2012		1,900.12		1,408.54		318.84	172.74	9.09%		
93	705	626						2A	66 Haymarket redesign due to LOD constraints	14/11/2012		13,669.05		10,132.73		2,293.68	1,242.64	9.09%		
94	607	623						SW	12.13.14 Delete Requirements at all Tramstops for 110v socket for cleaning purposes (on street)	23/10/2012		-6,163.73			4,561.70	1,032.60	550.43	9.09%		
95	608	624						SW	54.61.62.63 Delete Requirements at all Tramstops for 110v socket for cleaning purposes (Off Street)	23/10/2012		-36,851.41			27,317.59	6,163.71	3,350.13	9.09%		
112	618	576							63 Alteration to 190mm Diameter Manhole	19/06/2012		6,176.31			4,574.44	1,036.39	561.48	9.09%		
115	620	569A							66 Airport Tram Stop Design	27/09/2012		17,783.87		13,183.00		2,984.15	1,616.72	9.09%		
119	627	589						1D	66 St. Johns Church deletion of pedestrian barrier	21/08/2012										
120	623	586							25 Gogar Depot Repair	28/08/2012		1,867.15			1,384.10	313.31	169.74	9.09%		
121	663	588						5C	63 Estimate for CEC for purchasing the existing heras fencing surrounding the Mini Test Track	16/07/2012		6,423.48			4,761.98	1,077.93	593.99	9.09%		
124	656A	571B						5C	54 Twin Crossings at Loofside Avenue	05/02/2014		29,051.92			21,535.89	4,874.94	2,641.08	9.09%		
139	660	622						7A	62 SEN Remedial works - Backfill at New Ingliston	18/12/2012		18,063.95			11,909.04	2,695.55	1,468.36	9.09%		
148	643	572B						5C	54.58.66 Edinburgh Gateway Works, Design & Construction	28/08/2012		2,972,732.16		1,192,660.00	2,084,390.16	498,827.62	270,248.98	9.09%		
150	647C	577F						1C	66 Design on streetworks carriageway reconstruction	09/01/2013		27,677.43		20,517.00		4,644.30	2,516.13	9.09%		
151	648	579						1CD	66 Design cabinet positions for street lighting Princes Street	19/08/2012										
153	651A	625A						SW	66 Determination 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 Princes Street	11/10/2012		3,271.33		2,425.00		546.93	297.39	9.09%		
156	653	583						1C	66 As-Built CAD Drawings York Place	22/06/2012		2,461.78		1,824.89		413.09	223.80	9.09%		
169	662	590A						7A	62 Topographical Survey	11/12/2012		2,586.95			1,917.68	434.09	235.18	9.09%		
170	667	594B						2A	66 Call off service to respond NetworkRail Technical Queries	27/09/2012		9,778.54		7,248.73		1,640.85	888.96	9.09%		
171	668	595						1C	12 York Place, De-scope of Works	12/07/2012		-1,015,155.80			966,815.09		48,340.71	4.76%		
172	719	627A						SW	66.9 Fare Collection Equipment	27/03/2013		13,709.98		10,163.00		1.08	2,300.55	1,246.36	9.09%	
173	666	593A						5A	61 Sign Rail Pedestrian Access Gate	18/12/2012		4,905.64			3,636.50	823.17	445.97	9.09%		

2.08a Approved Change Orders

PNC	SVC	ICO	BOT	Design	CMT	Contract	Risk	Section / Activity	Description	Date Issued	BS	Revision	Job Estimate Budgets					Reserve		
													BOT	Design	Construction	Professional	Margin		Margin in %	
177	670	592A						1C	66	Design response Princes St Road Safety Audit	11/10/2012		1,610.77			2,029.29	146.43	9.09%		
181	679	601A							63	Temporary reduction in the volume of water in Depot storage tanks	19/11/2012									
192	675	648						5A	61	Scotrail Depot Scottish Water meter works	21/09/2013		12,507.35		9,271.57	2,098.75	1,137.03	9.09%		
195	684	621							25	Repairs to damaged utility covers/cables	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		1,575.65		1,168.01	284.40	143.24	9.09%		
197	685	603A						1A	66	Design and As Built Information Lindsay Road	20/11/2012		7,090.34		5,258.09	1,189.77	644.56	9.09%		
199	690	606A						2A	61	Propose to take existing works to the operational element of the Westshunt line at the Princes Street Depot	23/10/2012		76,413.27		56,644.38	12,822.23	6,946.66	9.09%		
203	684 750	591A 649						5C	62	Design - Princes Street - Road Safety Audit - additional High friction surfacing - road markings	21/02/2013		6,282.30		4,657.01	1,054.18	571.12	9.09%		
206	691	605A						1C	66.tbc	Cathedral Lane Tram Substation re-design and amend design of Cathedral Lane Retaining Wall	20/03/2013		46,568.83		34,521.00	7,814.30	4,233.53	9.09%		
207	672	606B						ON	66	Review and amend design for On Street Drainage	14/11/2012		17,990.33		13,328.64	3,019.12	1,634.59	9.09%		
208		620						SW		Cost Engineering in respect of the Programme	18/10/2012		3,162,987.12		2,614,037.94		548,948.18	17.36%		
212	704	612A						1C	66	Carriageway Reconstruction - redesign of St Andrew Square	20/03/2013		9,209.93		6,815.00	1,544.93	836.99	9.09%		
213	689	609D						ON	66	On Street Road Sign, Bus Stop, Street Lighting Columns, Traffic Signal Poles, Ducting and Cables (TPE 2nd DESIGN)	12/02/2013		71,538.88		53,030.90	12,004.27	6,503.52	9.09%		
214	683	604A							62	Trial holes to locate Scottish Water pipe at Gogarburn	23/01/2013		3,348.06		2,481.88	561.81	304.37	9.09%		
215	705	614B							62.66	Reinstatement works at the Airport	24/04/2013		13,490.00		10,000.00	2,263.64	1,226.36	9.09%		
216	702	615A							62	Eastfield Avenue pedestrian crossing; provide and install STRAIL panels	18/01/2013		4,801.83		1,619.00	2,746.30	435.53	9.09%		
217	695	613A							62	Provide a section of road at Gogarburn Road for road surface and install lights 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		TBC							
226	696	646							66	SGN As Built drawings between Ingliston and Eastfield Avenue	05/03/2013		3,414.32		2,531.00	572.93	310.39	9.09%		
228	713	638						2A	61	Haymarket/VV14 Network Rail Encroachment into LOD	08/02/2013		117,346.89		86,987.08	19,690.93	10,667.90	9.09%		
229	711	636						2A	61	Pierce requirements at Murrayfield, Scotrail & Royal Mail	22/01/2013									
230	712	634						5A	54	Murrayfield Wanderers Interface Detail	09/01/2013		34,762.03		25,768.74	5,833.11	3,160.18	9.09%		
232	714	640A						5B	54.66	Edinburgh Park Central Lighting - Design	27/02/2013		12,077.64		2,568.00	6,385.03	2,026.64	1,097.97	9.09%	
235	724	629A						5A	66	Realignment of Scottish Water pipe at Murrayfield	12/02/2013		3,265.93		2,421.00	548.03	286.00	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		-8,120.16		4,900.00	683.73	556.37	9.09%		
244	709	617						5A	61	Scotrail car Park Landscaping Works	22/02/2013									
252	737	635						6B	54	BT ducts at South Gyle Access Bridge - Works transfer	21/01/2012		-37,889.84		26,072.53	6354.60	3,442.71	9.09%		
259	759	656							62	Re-grading works at Eastfield Avenue	05/03/2013		23,345.11		17,305.49	3,917.33	2,122.28	9.09%		
260	741	647						SW/ON	15	Alteration to street lighting poles	07/02/2013		TBC							
261	744	639						5B	54	Drainage at Carnik Knowe Golf Course	09/02/2013		TBC							
262	738	642						1D	66	Amendment to road markings at Shandwick Place	05/02/2013		TBC							
264	742	644						5B	54	South Gyle Access Junction supplemented by Aecomi	12/02/2013		TBC							
266	751	653A							62	Removal of Gogarburn hearing	18/04/2013		2,488.10		1,828.58	414.15	224.37	9.09%		
267	752	654A							62	Handrail at Gogarburn Tram Stop ramp	18/04/2013		1,510.88		1,120.00	253.53	137.85	9.09%		
271	746	643						5B	61	Installation of vibropipe at Murrayfield Tramstop	04/03/2013									
272	755	652						5C	62	Relocation of signage at Gogarburn Tram Stop	05/03/2013		TBC							
NN	754	651						OFF	66	Additional earthing/bonding to demarcation fencing	27/02/2013		TBC							

2.08a Approved Change Orders

PNC	WVC	ICCO	BOT	Design	CST	COST	COST	COST	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Revenue	
													BOT	Design	Construction	Professional	Margin		Margin In %
15	513.1	ICCO							14	Utility Conflict Verification	30/04/2013	19,694.07			12,757.68	4,236.93	1,699.46	9.09%	
25	543	ICCO							1D 14	Utilities affecting the construction of OHLE foundations in Haymarket H1	30/04/2013	273,574.41			186,699.57	62,004.44	24,870.40	9.09%	
28	521	ICCO							1D 14	Provide temporary accommodation and Welfare facilities	30/04/2013	1,676.00			1,143.78	379.66	152.36	9.09%	
35	547	ICCO							1D 14	Haymarket H1 Third Party affecting our ability to progress the works	30/04/2013	6,943.47			4,738.54	1,573.71	631.22	9.09%	
36	549	ICCO							14	Haymarket H1: BT Fibre Optic Service required Diverted	30/04/2013	90,214.26			64,566.30	20,446.67	8,201.30	9.09%	
37	528	ICCO							1D 14	Haymarket 1 - 8ft Trench Excavation to Validate Utilities	30/04/2013	7,131.56			4,856.90	1,616.34	648.32	9.09%	
38	549	ICCO							PSOW 14	Move 3 No OLEs (St John's Church) to central reserve	30/04/2013	35,456.86			24,197.37	8,036.14	3,263.35	9.09%	
40	535	ICCO							PSOW 13	Scottish Water Diversion at Junction of Princes Street and South St David Street	30/04/2013	274,799.45			187,535.59	62,282.09	24,981.77	9.09%	
43	551	ICCO							PSOW 13	Xmas Ericargo demolition and temp. reinstatement	30/04/2013	2,010,587.70			150,860.47	50,101.98	20,096.25	9.09%	
52	554	ICCO							1CD 15	MC52 On Street Early Implementation of TM Phase 4 & 5	30/04/2013	334,844.14			228,512.81	76,890.95	30,440.38	9.09%	
55	554	ICCO							1CD 15	Traffic Management Design	30/04/2013	10,227.93			6,980.00	2,318.11	929.81	9.09%	
58	570	ICCO							1CD 15	Site Clearance - Onit removal of trees	30/04/2013	-13,334.40			9,100.00	3,022.18	1,212.22	9.09%	
68	596	ICCO							1D 14	MC 68 - Utilities affecting ability to place system drainage	30/04/2013	-4,240,532			2,893,945	9,611.03	3,855.05	9.09%	
69	598	ICCO							1D 14	MC 69 - Geotextile Liner to Clifton Terrace Void	30/04/2013	1,911.98			1,304.79	433.33	173.81	9.09%	
72	600	ICCO							1D 14	Shandwick place - OLE bases affecting utilities (Piling)	30/04/2013	301,194.31			205,528.17	68,257.57	27,376.57	9.09%	
77a	583	ICCO							1C 12	Amend specification for on street sets - 1C	30/04/2013	140,842.06			96,117.00	31,921.23	12,803.82	9.09%	
77b	583	ICCO							1D 14	Amend specification for on street sets - 1D	30/04/2013	16,467.75			12,603.23	4,185.63	1,678.89	9.09%	
79	606	ICCO							1C 12	St Andrew Sq third party affecting our ability to progress the works	30/04/2013	458,926.44			313,192.19	104,013.66	41,720.59	9.09%	
87	604	ICCO							1C 12	St Andrew Sq - OLE bases affecting utilities (Piling)	30/04/2013	40,788.15			27,835.68	9,244.45	3,708.01	9.09%	
88	584	ICCO							1CD 14	Residual Road Value Engineering	30/04/2013	-212,965.93			145,951.98	48,471.77	19,442.36	9.09%	
99	629	ICCO							1D 14	Utilities affecting the ability to progress track excavation Shandwick 1	30/04/2013	11,856.42			8,091.36	2,687.21	1,077.86	9.09%	
100	630	ICCO							1D 14	Utilities affecting the ability to progress track excavation Shandwick 2	30/04/2013	10,408.66			7,103.34	2,359.04	946.24	9.09%	
101	631	ICCO							1D 14	Third Parties affecting the ability to progress track excavation Shandwick 2	30/04/2013	7,778.37			5,308.31	1,762.93	707.12	9.09%	
103	613	ICCO							1C 15	St Andrew Square Design, Enabling and Ongoing Maintenance of Temporary Bus Station	30/04/2013	9,651.38			6,586.54	2,187.44	877.40	9.09%	
104	614	ICCO							SW 15	INC614 Keithsday Place TM Amendment	30/04/2013	7,861.86			5,365.29	1,781.86	714.71	9.09%	
108	590	ICCO							1CD 13	Reinstatement of Third Party Works / Lining - The Mound	30/04/2013	32,993.75			22,516.43	7,477.89	2,989.43	9.09%	
109	600	ICCO							1CD 13	Re-proving and cleaning of Chambers / ducts	30/04/2013	25,070.60			17,109.31	5,642.14	2,279.15	9.09%	
110	600	ICCO							1CD 13	Duct Chamber Bedding Detail Drawing Change	30/04/2013	10,238.93			6,987.51	2,320.61	930.81	9.09%	
114	611	ICCO							1CD 15	Excavation by others	30/04/2013	-58,665.14			40,035.75	13,296.28	5,333.19	9.09%	
126	629	ICCO							1D 14	1D Hand dig to expose utilities crossing the mound duct bank within S1 at Shandwick Street and then lead Junction for TT to section	30/04/2013	12,170.40			8,805.63	2,758.37	1,106.40	9.09%	
127	630	ICCO							1D 14	1D Utilities affecting ability to install System Ducting through S2. (South Duct Bank)	30/04/2013	18,774.50			12,812.57	4,255.16	1,706.77	9.09%	
129	588	ICCO							1D 14	1D Remove and Reinstale with Traps IMU and Track Drainage laid by other within H1	30/04/2013	5,081.05			3,467.54	1,151.60	461.91	9.09%	
129	543	ICCO							1D 14	1D Discovery of unsuitable material below formation of base 131204A within H2	30/04/2013	4,915.90			3,354.83	1,114.17	446.90	9.09%	
130	547	ICCO							1D 14	1D Remedial works required on the partial return of H1 to infraco on 21 May 2012	30/04/2013	7,257.9			495.31	164.50	65.98	9.09%	
132	543	ICCO							1D 14	1D Transfer plant and materials back to H2 from S4 to recommence works to OHLE bases. Site vacated for T&T	30/04/2013	1,153.89			787.47	261.53	104.90	9.09%	
133	570	ICCO							1D 14	1D Excavate Trial Holes in locations of tree pits through the mound S4	30/04/2013	3,583.72			2,445.69	812.28	325.79	9.09%	
135	635	ICCO							1D 14	1D Remove and Reinstale with Traps IMU and Track Drainage laid by other within S1 (East End) and S2	30/04/2013	8,823.35			6,703.90	2,226.42	893.03	9.09%	



2.08a Approved Change Orders

										Job Estimate Budgets									
PMC	W/C	ICCO	BOT	Design	CBT	Contract	Activity	Section / Activity	Description	Date Issued	BS	Revision	BOT	Design	Construction	Provisional	Margin	Margin %	Remarks
								1C	12	30/04/2013		5,662.12			3,864.09	1,293.30	514.74	9.09%	
								1C	15	30/04/2013		209,235.22			142,791.59	47,432.24	19,021.38	9.09%	
								PSDW	13	30/04/2013		205,453.16			140,210.58	46,565.06	18,677.56	9.09%	
								1D	14	30/04/2013		3,274.37			2,234.58	742.12	297.67	9.09%	
								1D	14	30/04/2013		5,667.00			3,867.42	1,264.40	515.18	9.09%	
								1D	14	30/04/2013		14,873.60			10,150.42	3,371.04	1,452.15	9.09%	
								1D	14	30/04/2013		3,288.86			2,244.46	745.40	298.99	9.09%	
								PSOW	13	30/04/2013		6,011.65			4,132.62	1,362.51	546.51	9.09%	
								PSOW	13	30/04/2013		14,653.19			10,000.00	3,321.08	1,332.11	9.09%	
								PSOW	13	30/04/2013		3,608.93			2,462.90	817.95	328.08	9.09%	
								PSOW	13	30/04/2013		3,120.51			2,128.58	707.25	288.68	9.09%	
								PSOW	13	30/04/2013		17,939.06			12,742.43	4,065.81	1,630.82	9.09%	
								PSOW	13	30/04/2013		490.00			334.40	111.06	44.55	9.09%	
								1D	14	30/04/2013		1,230.53			838.77	278.89	111.87	9.09%	
								SW	15	30/04/2013		4,431.78			3,024.45	1,004.44	402.99	9.09%	
								1D	14	30/04/2013		-224,418.47			153,149.92	50,862.33	20,401.22	9.09%	
									15	30/04/2013		2,293.22			1,569.00	519.75	208.47	9.09%	
								1D	15	30/04/2013		21,972.46			14,995.00	4,970.96	1,997.50	9.09%	
								1D	14	30/04/2013		1,317.32			899.00	298.57	119.76	9.09%	
								1C	15	30/04/2013		5,256.39			3,587.50	1,191.44	477.89	9.09%	
								1D	14	30/04/2013		-162,170.40			110,672.43	36,755.21	14,742.76	9.09%	
								1D	14	30/04/2013		14,288.41			9,751.06	3,238.41	1,293.95	9.09%	
								1D	14	30/04/2013		8,977.25			6,126.48	2,034.65	816.11	9.09%	
								1CD	13	30/04/2013		1,074.19			733.07	243.46	97.65	9.09%	
								1D	14	30/04/2013		66,932.27			45,677.61	15,169.90	6,084.75	9.09%	
								1D	14	30/04/2013		2,100.52			1,433.49	476.07	190.98	9.09%	
								1D	14	30/04/2013		30,176.32			20,593.69	6,833.33	2,743.30	9.09%	
								1C	12	30/04/2013		241,491.78			164,804.63	54,733.05	21,953.80	9.09%	
								SW	15	30/04/2013		3,916.39			2,672.72	887.63	356.04	9.09%	
								1C	12	30/04/2013		6,808.69			4,646.49	1,543.14	619.96	9.09%	
								1D	14	30/04/2013		5,373.82			3,667.34	1,217.95	489.53	9.09%	
								SW	15	30/04/2013		2,225.29			1,516.64	504.35	202.30	9.09%	
								1D	14	30/04/2013		33,424.23			22,810.21	7,575.46	3,039.57	9.09%	
								1C	12	30/04/2013		2,580.16			1,760.84	594.79	234.56	9.09%	
								1CD	15	30/04/2013		6,542.65			4,465.00	1,482.66	584.79	9.09%	
								1C	12	30/04/2013		16,834.52			11,488.64	3,815.47	1,530.41	9.09%	
								1C	12	30/04/2013		6,379.53			4,353.68	1,445.69	579.96	9.09%	

**2.08a Approved Change Orders**

PME	W/C	ICD	BOT	Design	CST	C/M/NE	Inv	Section / Activity	Description	Date Issued	BB	Revision	Job Estimate Budgets					Reserve	
													BOT	Design	Construction	Professional	Margin		Margin In %
240	687	ICCO					✓	1C 12	Additional Kerb cost for supplies new	30/04/2013		55,488.84	65,152.26	21,637.53	8,678.99	9.09%			
245	728	ICCO					✓	SW 15	Pedestrian management during Christmas Shutdown	30/04/2013		21,721.52	14,823.75	4,923.09	1,974.68	9.09%			
246	729	ICCO					✓	1CD 15	Princes St/South St/Andrew St - Traffic Light Alterations	30/04/2013		3,288.06	2,839.74	876.68	351.64	9.09%			
251	735	ICCO					✓	1D 14	Queensferry street /Lothian Rd Junction	30/04/2013		28,249.31	19,278.61	6,402.58	2,569.12	9.09%			
256	740	ICCO					✓	1D 14	Haymarket Island - amenity levels	30/04/2013		4,748.35	3,248.49	1,076.19	431.67	9.09%			
260	741	ICCO					✓	1D 14	Alterations to Street Lighting Poles 1D	30/04/2013		29,058.29	19,830.69	6,585.93	2,641.66	9.09%			
268	756	ICCO					✓	1D 14	Widening of temp Ped walkway at Haymarket	30/04/2013		2,804.91	1,439.66	474.80	190.45	9.09%			
274	766	ICCO					✓	1D 15	Additional cost of decommissioned lighting	30/04/2013		7,326.52	5,000.00	1,660.54	666.05	9.09%			
<b>TOTALS</b>												<b>8,272,429.59</b>	<b>4,970,981.09</b>	<b>1,490,136.77</b>	<b>1,029,766.85</b>	<b>1,547,995.24</b>	<b>1,293,083.34</b>	<b>15.63%</b>	

**6,979,346.25**



Project: **Edinburgh Tram Network**  
 as per: **30/04/2013**

**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	
102	612 A				SW	Tramstop, Branding Changes - On-Street	20/04/2012						
186	628				SW	Update Utility Drawings to reflect MJDA contractors work	15/06/2012						
224					1C	Construction of Cathedral Lane Substation and Retaining Walls	08/10/2012	180,205	117,133	81,088	180,205		
253	732				2A	Roseburn Street pavement construction	22/01/2013						
254					5A	Additional retaining measures due to Network Rail Infrastructure amendments	28/01/2013	328,485	212,215	146,925	328,485		
261	744					Calton Knowe Golf Course Drainage	08/02/2013						
264	742				5B	Reinstating South Gyle Access Junction - Reinstatement junction supplemented by Aecom	12/02/2013						
272	755				5C	Relocate signs at Gogar Tramstop	05/03/2013	589	376	26			
276	765				2A/EA	Fencing requirements to Network Rail corridor	08/04/2013						
281	760				SW	Reduction in Number of sets of "As Built" Drawings from 5 to 1	15/04/2013						
283	771				SW	Undertake analysis of the D&E of the CAF tram in accordance with technical information provided by CAF	29/04/2013						
<b>TOTALS</b>								<b>507,277</b>	<b>329,730</b>	<b>228,274</b>	<b>507,277</b>	<b>-</b>	

submitted	under preparation
maximum potential of changes	
<b>507,276.50</b>	

Project: **Edinburgh Tram Network**

as per: **30/04/2013**



**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													
45	MONTH	5,817,390	8,367,001	8,377,620	10,619	0	0	0	8,377,620	11/01/2012	11/01/2012	8,377,620	
Jan-12	ACCUM	141,805,131	148,828,874	148,475,722	-353,153				148,475,722			148,475,722	
46	MONTH	6,517,767	18,534,058	18,725,058	191,000	0	0	0	18,725,058	08/02/2012	08/02/2012	8,542,616	
Feb-12	ACCUM	148,322,898	167,362,933	167,200,780	-162,153				167,200,780			157,018,338	
47	MONTH	7,419,040	9,284,501	9,553,209	268,707	0	0	0	9,553,209	07/03/2012	07/03/2012	10,182,463	
Mar-12	ACCUM	155,741,938	176,647,434	176,753,989	106,555				176,753,989			167,200,801	
48	MONTH	7,646,215	8,211,478	7,408,088	-803,390	0	0	0	7,408,088	04/04/2012	04/04/2012	9,553,187	
Apr-12	ACCUM	163,388,153	184,858,912	184,162,077	-696,836				184,162,077			176,753,988	
49	MONTH	7,265,678	9,233,301	9,622,713	389,412	0	0	0	9,622,713	30/05/2012	30/05/2012	17,030,802	
May-12	ACCUM	170,653,831	194,092,213	193,784,790	-307,424				193,784,790			193,784,790	
50	MONTH	7,719,717	8,041,083	8,194,310	153,228	0	0	0	8,194,310	27/06/2012	27/06/2012	8,194,310	
Jun-12	ACCUM	178,373,548	202,133,296	201,979,100	-154,196				201,979,100			201,979,100	
51	MONTH	5,929,851	9,825,417	8,193,108	-1,632,309	0	0	0	8,193,108	25/07/2012	25/07/2012	8,193,108	
Jul-12	ACCUM	184,303,399	211,958,713	210,172,208	-1,786,505				210,172,208			210,172,208	
52	MONTH	6,582,927	6,502,185	7,663,214	1,161,029	0	0	0	7,663,214	22/08/2012	22/08/2012	7,663,214	
Aug-12	ACCUM	190,886,326	218,460,898	217,835,422	-625,476				217,835,422			217,835,422	
53	MONTH	4,117,946	3,307,001	6,848,639	3,541,638	0	0	0	6,848,639	19/09/2012	19/09/2012	6,848,639	
Sep-12	ACCUM	195,004,272	221,767,899	224,684,061	2,916,162				224,684,061			224,684,061	
54	MONTH	11,276,883	8,814,957	5,727,033	-3,087,924	0	0	0	5,727,033	17/10/2012	17/10/2012	5,727,033	
Oct-12	ACCUM	202,163,209	230,582,856	230,411,095	-171,761				230,411,095			230,411,095	
55	MONTH	12,918,631	6,575,953	6,458,434	-117,519	0	0	0	6,458,434	14/11/2012	14/11/2012	6,458,434	
Nov-12	ACCUM	207,922,903	237,158,809	236,869,529	-289,280				236,869,529			236,869,529	
56	MONTH	12,304,668	6,011,001	6,066,205	55,204	0	0	0	6,066,205	12/12/2012	12/12/2012	6,066,205	
Dec-12	ACCUM	214,467,877	243,169,810	242,935,734	-234,076				242,935,734			242,935,734	
57	MONTH	10,963,753	8,880,476	8,877,558	-2,918	0	0	0	8,877,558	09/01/2013	09/01/2013	4,743,916	
Jan-13	ACCUM	218,886,656	252,050,286	251,813,291	-236,995				251,813,291			247,679,650	
58	MONTH	7,657,673	5,840,099	5,567,133	-272,966	0	0	0	5,567,133	06/02/2013	06/02/2013	4,133,642	
Feb-13	ACCUM	222,125,550	257,890,385	257,380,425	-509,960				257,380,425			251,813,292	
59	MONTH	8,745,640	3,426,444	3,398,395	-28,049	0	0	0	3,398,395	06/03/2013	06/03/2013	5,567,133	
Mar-13	ACCUM	227,632,296	261,316,829	260,778,820	-538,009				260,778,820			257,380,425	
60	MONTH	8,851,735	2,701,828	2,532,733	-169,095	0	0	0	2,532,733	03/04/2013	03/04/2013	3,398,395	
Apr-13	ACCUM	230,977,285	264,018,657	263,311,553	-707,104				263,311,553			260,778,820	
												<b>260,778,820</b>	

Project: **Edinburgh Tram Network**as per: **30/04/2013**

## 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
ETN QA 13/06 Grahams 5A	12/03/2013	1	0	0%	0 no. Observation/Suggestion for improvement
ETN QA 13/07 Lagan 1D	25/04/2013	1	0	0%	4 no. Observation/Suggestion for improvement

#### 1.2 External Audits (e.g. by Client / BSI)

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
T&T Quality Audit 12/02	02/10/2012				Awaiting Formal Report
T&T Quality Audit 12/03	19/12/2012				Awaiting Formal Report

### 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	62	23	34	55%	56	1	43	1	77%
1D	79	16	61	77%	44	0	33	7	75%
2A	32	11	25	78%	120	0	111	0	93%
5A	116	41	80	69%	58	5	42	1	72%
5B	122	55	82	67%	94	3	50	5	53%
5C	63	32	46	73%	78	2	53	0	68%
6	36	0	36	100%	125	0	124	0	99%
7A	193	0	193	100%	73	0	73	7	100%
<b>System NCRs (non-audit)</b>					<b>657</b>	<b>11</b>	<b>538</b>	<b>21</b>	<b>82%</b>
<b>Cancelled</b>					<b>18</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>100%</b>

### 3. Further quality-related events during this month

(please describe shortly)

Bi-weekly Quality Surveillance reports relating to civils subcontractors are being compiled and issued on Conject/BIW. Inspection and Test Records are being received from other contractors as works progress and are being reviewed by BiFinger. 1 no subcontractor audit was carried out in the period. 1 no minor NCR was raised. Record of Review comments from the Client relating to Section B completion for civils works are still awaited.

Project: **Edinburgh Tram Network**

as per: **30/04/2013**



**2.12 Safety Information System - SIS**

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

Month **Apr-13** Prepared by [redacted] Contact phone or email. [redacted]@bilfinger.co.uk

Site or office and Unit 5	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	50		42	287		379	
Hours <sup>2</sup>	7572		6580	55663		69815	

**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 reporting 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]	During high winds the door of a van blew shut and crushed the injured persons hand. This resulted in a fracture to the right hand	16-Apr-13		10

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>5</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+



**2.13 Project Photographs**

**Picture 01**

**Section 1C**

**St Andrew Square**



**Picture 02**

**Section 1D**

**Shandwick Place**





**2.13 Project Photographs**

**Picture 03**

**Section 5A**

**Russell Road Retaining Wall**



**Picture 04**

**Section 5A**

**Murrayfield Stadium Tram Stop**





**2.13 Project Photographs**

**Picture 05**

**Section 5A**

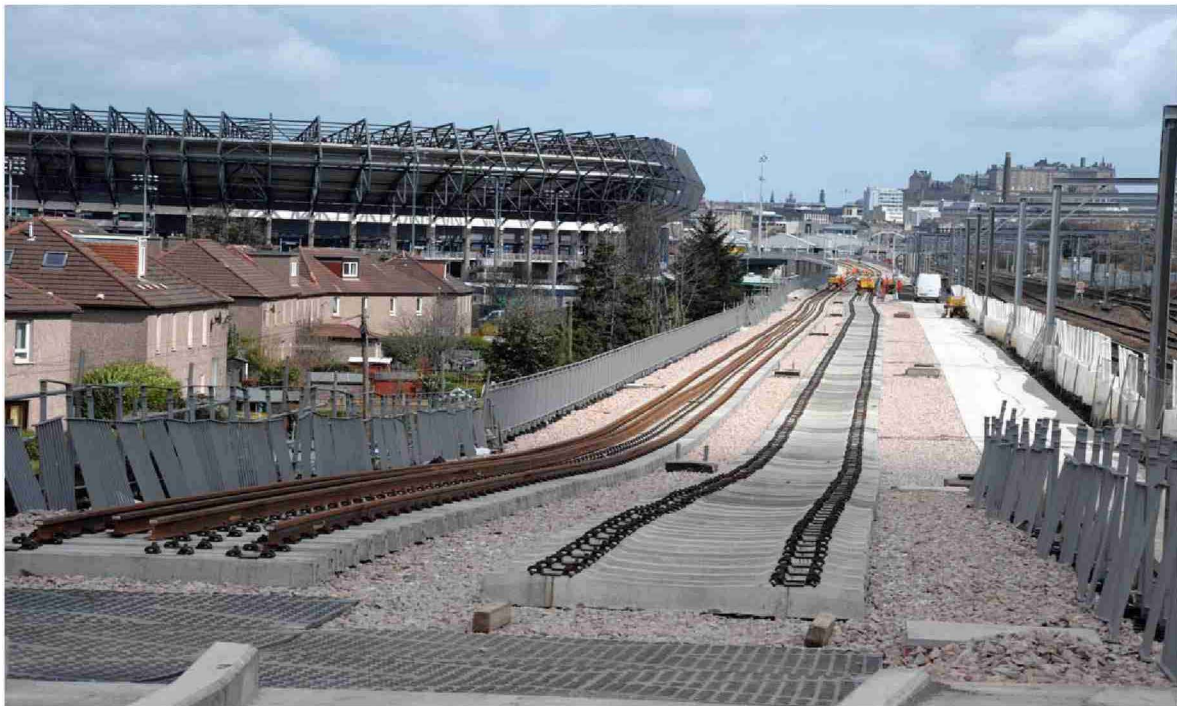
**Track Russell Road - Murrayfield Stadium**



**Picture 06**

**Section 5A**

**Track Balgreen - Murrayfield Stadium**



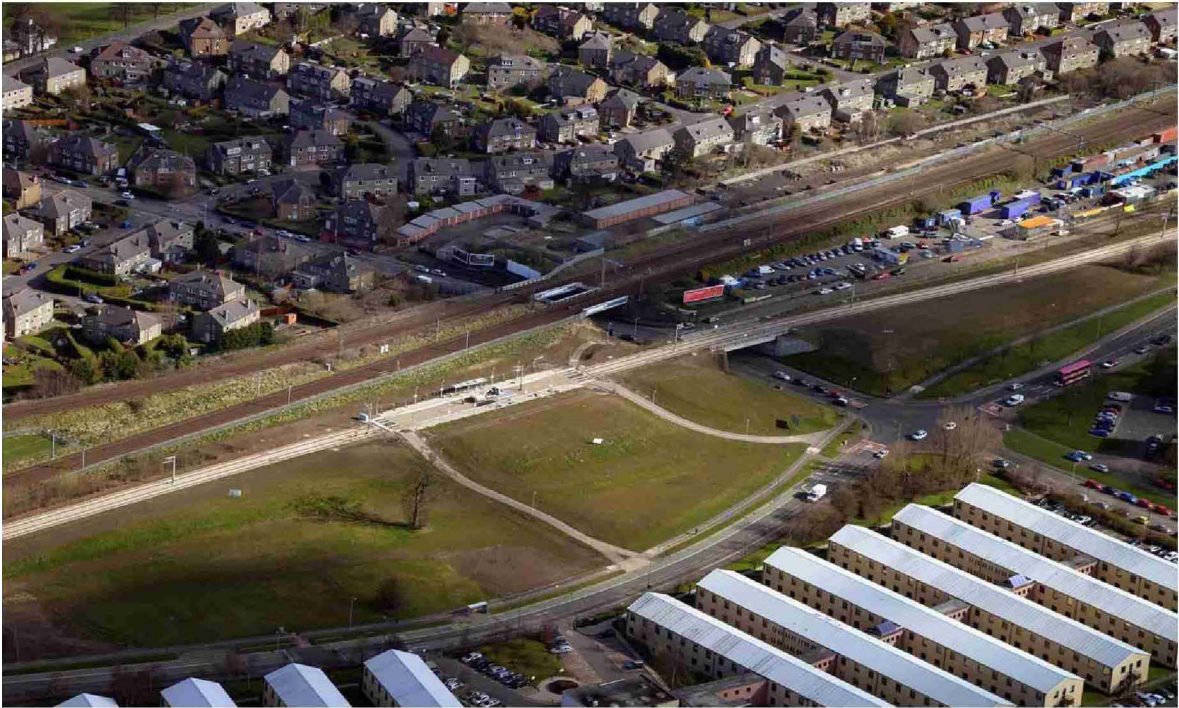


**2.13 Project Photographs**

**Picture 07**

**Section 5B**

**Saughton Tram Stop**



**Picture 08**

**Section 5B**

**Bankhead Tram Stop - South Gyle Access Bridge**





**2.13 Project Photographs**

**Picture 09**

**Section 5B**

**Track Edinburgh Park Station - Bankhead**



**Picture 10**

**Section 5C**

**South Gyle Broadway - Lochside**





**2.13 Project Photographs**

**Picture 11**

**Section 5C**

**Edinburgh Gateway**



**Picture 12**

**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>