



BiLFINGER Bilfinger Construction GmbH

EDINBURGH TRAM NETWORK

Monthly Project Report May 2014



Monthly Report Major Projects

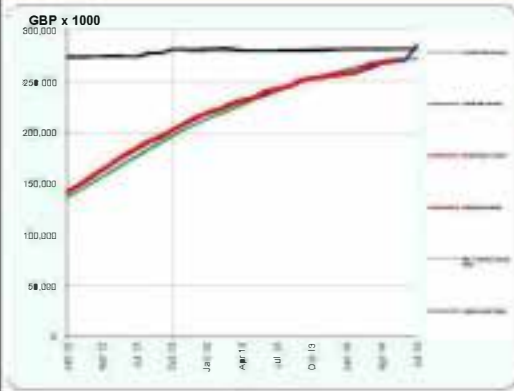
Project: Edinburgh Tram Network

Reporting Period: May 2014

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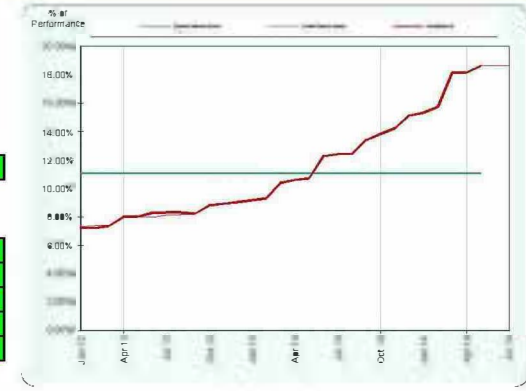
1.01 Project Overview Charts



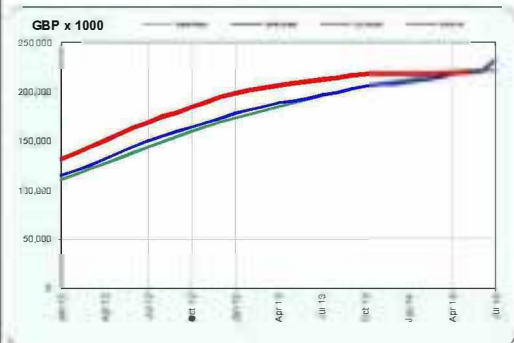
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date			15-May-08			
Construction end date	16-Jul-11	08-Jul-14	08-Jul-14	30-May-14	-1.3 month	green
Total contract value [GBPx1000]	141,509	271,542		281,697		
Claims / Variations approved				10,155		
Claims / Variations not approved				0		
Performance		271,542	269,494	269,792	100.1%	green
Actual Cost to Date				219,556	100.0%	green
Result	11.07%	7.23%	18.62%	18.62%	11.4%	green
Payment Status		271,542	284,871	284,897	100.0%	green
Av. Perf/mth: Rem. & act 3mth			472	3,477		green

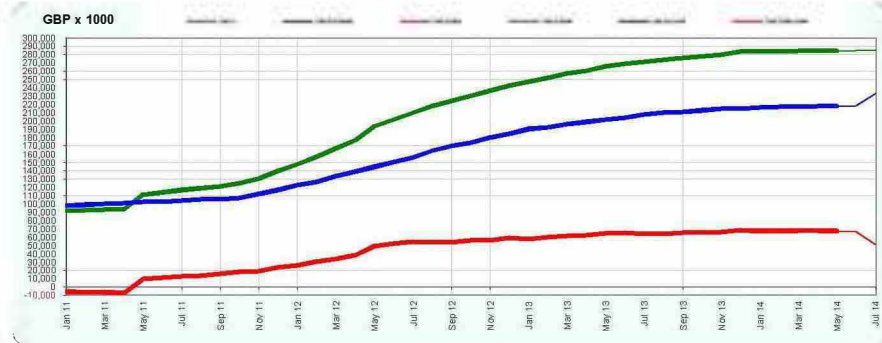
Project Key Figures



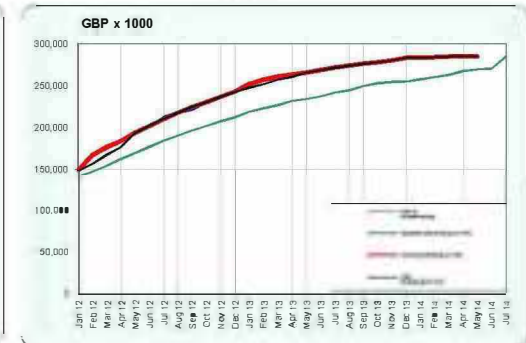
Project Result



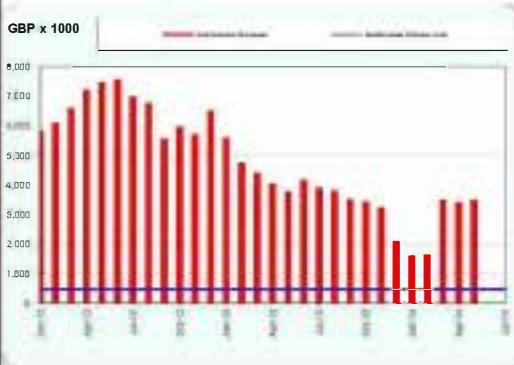
Project Cost



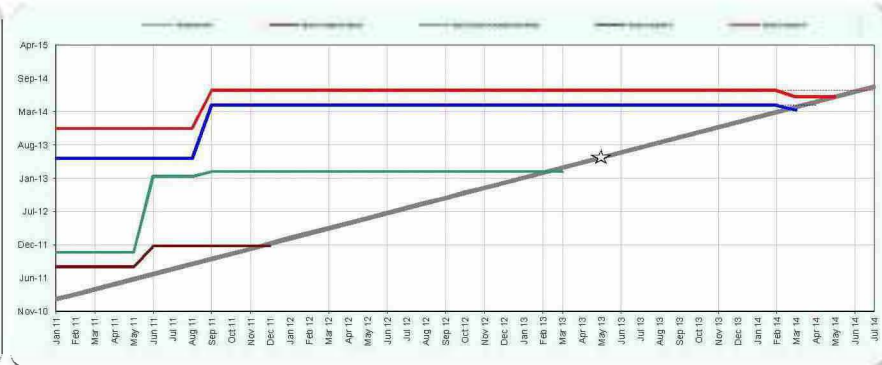
Cashflow



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:	£1,843,005
Planned performance:	<u>£1,544,131</u>
Variance:	£298,874

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:	£50,236,229	or	18.62%
Forecast/planned result:	£53,037,420	or	18.62%
Weighted margin out of R&O:	£53,315,420	or	18.71%

1.2.4 Payment Status

All payments from the client CEC were received by April 2014.

Invoiced net to the client:	£284,897,082
Paid net from the client:	<u>£284,897,082</u>
Variance	£0

1.2.5 Cashflow

The ETN project cash position will go down from May on as planned since the contract value was paid 100% to date .

Cash in net:	£285,948,422	(incl. interest income)
Cash out net:	£218,314,151	
Cash balance net:	£67,634,271	

1.2.6 Contingencies

The installed contingency value was following achievement of Completion C reduced accordingly.

£0 (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	- Achieved -	13 March 2014
Sectional D Completion Date:	08 July 2014	- Achieved -	30 May 2014

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

Sectional B1 Completion Date:	20 December 2013	- Achieved -
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1.03 General Information

1.3.1	Short note on progress, events this month		
	<p><u>Mobilisation/Demobilisation:</u></p> <p><u>Design:</u> Completion of as-built drawings ongoing.</p> <p><u>Procurement :</u> S/C negotiations on maintenance contract works in final phase.</p> <p><u>Construction :</u> Civil works completed. small amount of remaining snaggings to be carried out and finished until end of June.</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>During the month 0 new Change Orders were issued. The Variation Order value remains £10,154,791 in total.</p>		
1.3.2	Significant extraordinary events		
	Date	Description	Remarks
	30/05/2014 31/05/2014	Sectional Completion Date D Edinburgh Trams start operating	Successfully achieved
1.3.3	Recent important agreements with the Employer or instructions having significant consequences		
	Date	Description	Remarks
1.3.4	Status on Major Unapproved Claims / Variations / Changes		
	There are no changes notified or under preparation to date.		

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 Share: 100%	Construction end date	16-Jul-11	30-May-14	1,049 days	
Currency:	GBP Rp. (all amounts without V.A.T.)	Total excl. Site Removal	38.0 month	72.5 month	190.6 %	
Rate of Exchange Top Sheet:	1 GBP = 1.11 EUR Actual: 1.23 EUR	Expired construction time	72.5 month	72.5 month	100.0 %	
		Performance to date	269,792,424 GBP		94.7 %	

2. Total Contract Value		Date of Contract	Total Previous Month		May 2014	Total Reporting Month	
Main Contract Value with Client (Rev 4)	271,542,291 (incl. SDS NovaAgree)	100.00%	281,697,082	103.7%	0	281,697,082	103.7%
Other Contract Value with Client (Phase 1b)			3,200,000	1.2%	0	3,200,000	1.2%
			284,897,082	104.9%	0	284,897,082	104.9%

3. Claims and Variations		Total Previous Month		May 2014	Total Reporting Month	
Claims and Variations approved		10,154,791	3.7%	0	10,154,791	3.7%
Claims and Variations submitted but not approved yet		0	0.0%	0	0	0.0%
Claims and Variations under preparation		0	0.0%	0	0	0.0%

4a. Performance		Total Previous Month		May 2014	Total Reporting Month	
Performance for Actual Contract Value with Client		267,949,419	95.12%	1,843,005	269,792,424	94.70%
Performance for 3rd Parties (without interest)		0	0.00%	0	0	0.00%
Total Performance to Date		267,949,419	94.05%	1,843,005	269,792,424	94.70%
Remaining Performance to Date		16,947,663	5.95%		15,104,658	5.30%
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		267,949,419	95.12%	1,544,131	269,493,550	95.67%

4b. Cost		Total Previous Month		May 2014	Total Reporting Month	
Actual Cost at Reporting Date		219,343,266	76.99%	212,929	219,556,195	77.07%

5. Result		Date of Contract	Total Previous Month		May 2014	Total Reporting Month	
Planned Result for Contract with Client (revised evaluation)	19,632,508	7.23%	51,679,649	18.35%	1,357,771	53,037,420	18.62%
Actual Result at Reporting Date			48,606,153	18.14%	1,630,076	50,236,229	18.62%
Forecast Result at the End of Contract			51,692,825	18.14%	1,344,595	53,037,420	18.62%
Weighted Result at the End of Contract (Likely Case)			53,036,546	18.62%	278,874	53,315,420	18.71%

6. Invoices, Payment and Bank account		Total Previous Month		May 2014	Total Reporting Month	
Application to the client - excl. VAT	incl. Ret. Money 0 0.00%	284,872,260	101.13%	24,822	284,897,082	100.00%
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money 0 0.00%	284,872,260	101.13%	24,822	284,897,082	100.00%
Cash in from the client - excl. VAT	excl. Ret. Money 0 0.00%	284,872,260	101.13%	24,822	284,897,082	100.00%
Cash in from 3rd Parties - excl. VAT		0	0.00%	0	0	0.00%
Interest income		1,051,340	0.39%	0	1,051,340	0.39%
Cash out (excl. VAT)		218,041,358	76.53%	272,793	218,314,151	76.63%
Net Liquidity	creditline 0 0%	67,882,242	23.83%	-247,971	67,634,271	23.74%

7. Subcontractor Work (Incl. Design)		Total Previous Month		May 2014	Total Reporting Month	
Total Portion of Subcontractor Budget (first evaluation)	186,628,491 (incl. SDS) 68.73%	190,651,008	66.92%	0	190,651,008	66.92%
Total Amount of signed Subcontract incl. approved Variation Order		0	0.00%	0	0	0.00%
Total Subcontractor Result to date		0	0.00%	0	0	0.00%
Actual Subcontractor Costs to date (incl. Accruals)		0	0.00%	0	0	0.00%
Therefrom invoiced to date		0	0.00%	0	0	0.00%

8. Actual Forecast for Performance and Result in TSD GBP

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

Linear Calculation

Actual / Forecast				
2008-2010	2011	2012	2013	2014
	1,573	5,817	4,419	892
	815	6,518	3,239	1,632
2008	788	7,419	5,507	7,893
12,940	1,424	7,646	3,345	694
	1,574	7,266	2,427	1,843
2009	2,056	7,720	6,654	932
37,734	1,937	5,930	2,603	14,173
	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	1,532	
	5,867	6,545	2,397	
100,868	35,119	78,480	42,371	28,058
total: 284,897				

Yearly Forecast		
Performance and Result in 2008-2010		
Performance	100,868,316	35.4%
Result	118,099	0.12%
Performance and Result in 2011		
Performance	35,119,425	12.3%
Result	9,885,015	28.15%
Performance and Result in 2012		
Performance	78,480,136	27.5%
Result	9,453,809	12.05%
Performance and Result in 2013		
Performance	42,370,760	14.9%
Result	19,402,758	45.79%
Performance and Result in 2014		
Performance	28,058,445	9.8%
Result	14,177,739	50.53%
Total Performance and Result		
Performance	284,897,082	100.0%
Result	53,037,420	18.62%

Edinburgh, 20/06/2014

Edinburgh, 20/06/2014


Place and Date M Foerder, Project Director

Place and Date [Redacted], 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	284,897	284,897	284,897	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-231,860	-231,860	-231,860
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	0	0	0
5.2					5.2	Interest Income	8	4	0
5.3					5.3	Saving on Finishing/Rectification Works	300	100	0
5.4					5.4	Saving on Administration/Demobilisation	324	124	0
5.5					5.5	Counter Claim on Design	100	50	0
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	732	278	0
6 =1+3+4+5	Forecast Final Revenue	284,897	284,897	284,897	6 =1+3+4+5	Forecast Final Costs	-231,128	-231,582	-231,860

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	284,897		
	Costs	-231,128		
	Result	53,769		
% Gross Margin based on Revenue Best Case	Revenue: 284,897	18.87%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		284,897	
	Costs		-231,582	
	Result		53,315	
% Gross Margin based on Revenue Likely Case	Revenue: 284,897		18.71%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			284,897
	Costs			-231,860
	Result			53,037
% Gross Margin based on Revenue Worst Case	Revenue: 284,897			18.62%
Gross Margin previous month (most likely case)		18.87%	18.62%	18.32%

	Project: Edinburgh Tram Network as per: 31/05/2014	 BILFINGER <small>BILFINGER Construction GmbH</small>
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001JE71 Edinburgh Tram Network 2014-05
Reporting Month: 73. Report Period, 31/05/2014

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 Q xDJC-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
Total Cost incl. Prime Cost Sums		218,909,001	647,194	219,556,195	218,882,121		-674,07	219,575,508	19,313	212,929	281,88	68,958	251,909,780	251,909,780	8,690,206		260,599,986	231,859,66	94.7 %	12,284,154	231,840,349	28,759,63	-711,799
Prime Cost Sums 0 / 0																							
Total Cost without Prime Cost Sums		218,909,001	647,194	219,556,195	218,882,121		-674,07	219,575,508	19,313				251,909,780	251,909,780	8,690,206		260,599,986	231,859,66		12,284,154	231,840,349		

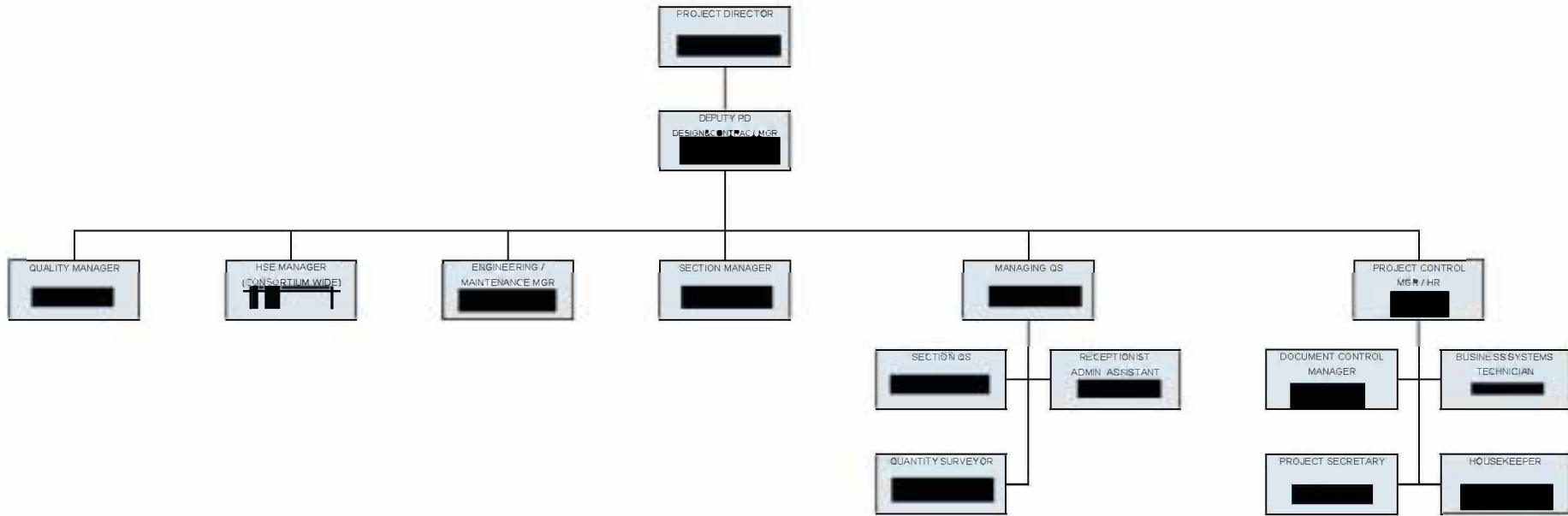
REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 1.2287, PFB = 1.0932)

Total Cost without Prime Cost Sums			219,556,195	218,882,121			219,575,508						251,909,780	251,909,780	8,690,206		260,599,986	231,859,66				231,840,349	
Gross Margin				20,399,814			50,216,919						19,632,511	19,632,511	4,664,585.00		24,297,096	53,037,420				53,056,733	
Gross Margin in % of Performance				8.53 %			18.61 %						7.23 %	7.23 %	34.93 %		8.53 %	18.62 %				18.62 %	
Performance without Prime Cost Sums				239,281,935			269,792,427						271,542,291	271,542,291	13,354,791		284,897,082	284,897,082				284,897,082	
Actual Cost to date				219,556,195			219,556,195																
Gross Margin to date				19,725,740			50,236,232																
Gross Margin to date in % of Performance				8.24 %			18.62 %																
Performance Prime Cost Sums																							
Total Performance				239,281,935			269,792,427						271,542,291	271,542,291	13,354,791		284,897,082	284,897,082				284,897,082	
Revenue according WBS																							

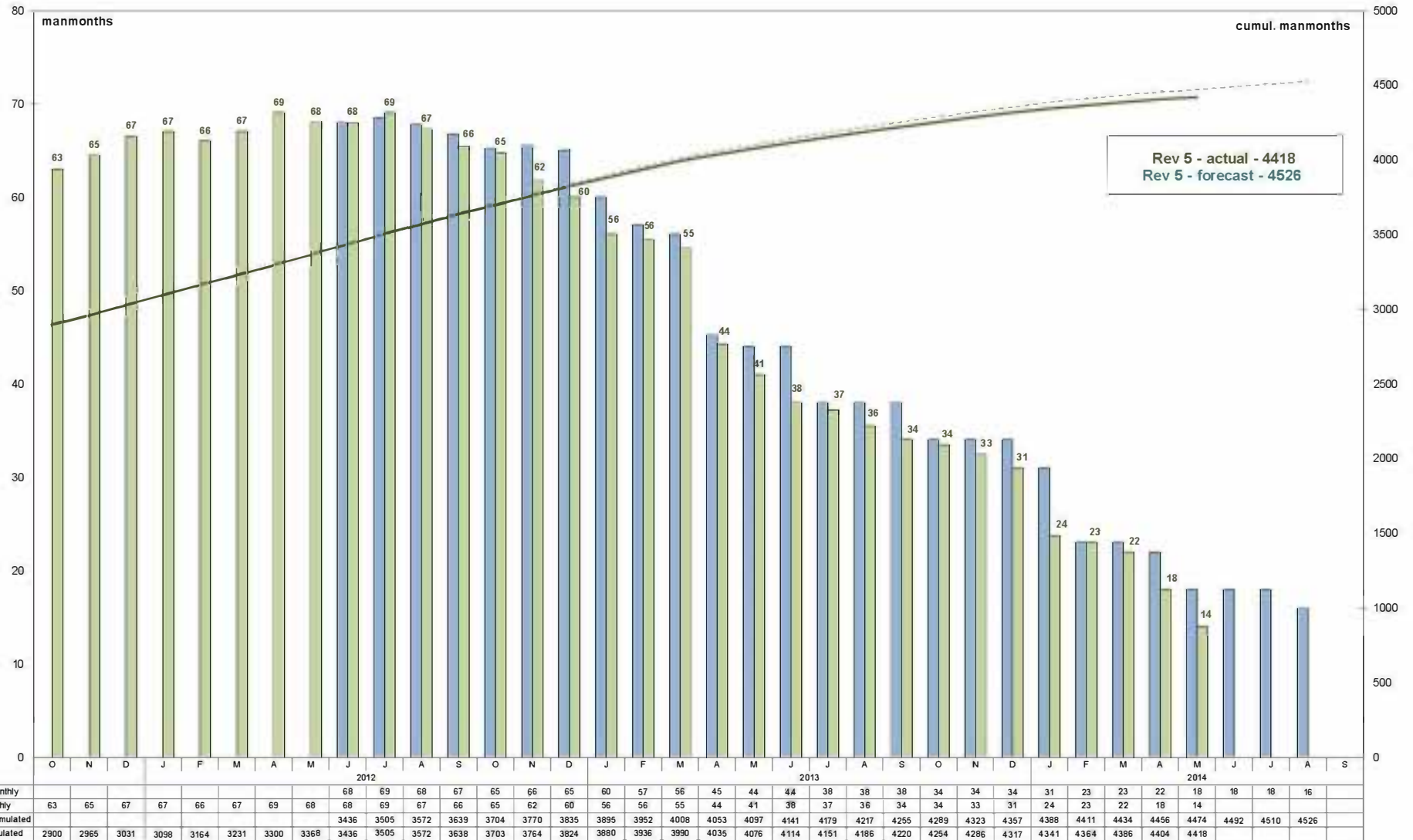
Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.2287, PFB = 1.0932)

Total Cost without Prime Cost Sums				218,882,121			219,575,508						251,909,780	251,909,780	8,690,206		260,599,986	231,859,66				231,840,349	
Gross Margin				20,399,814			50,216,919						19,632,511	19,632,511	4,664,585.00		24,297,096	53,037,420				53,056,733	
Gross Margin in % of Performance				8.53 %			18.61 %						7.23 %	7.23 %	34.93 %		8.53 %	18.62 %				18.62 %	
valued Performance without Prime Cost Sums				239,281,935			269,792,427						271,542,291	271,542,291	13,354,791		284,897,082	284,897,082				284,897,082	
Actual Cost to date				219,556,195			219,556,195																
Gross Margin to date				19,725,740.00			50,236,232																
Gross Margin to date in % of Performance				8.24 %			18.62 %																
Performance Prime Cost Sums (incl. valued performance)																							
Total Performance (incl. valued performance)				239,281,935			269,792,427						271,542,291	271,542,291	13,354,791		284,897,082	284,897,082				284,897,082	
Revenue according WBS (VO's valued)																							
Revenue according WBS (VO's valued by 100%)																							



**EDINBURGH TRAM NETWORK
CIVIL WORKS TEAM**
Rev76 01/05/2014

2.06 Staff Chart



2.08a Approved Change Orders

										Job Estimate Budgets									
PRC	SEC	RES	BOF	Design	EST	EST/13	EST/14	Section/Activity	Description	Reference	Revenue	BOF	Design	Construction	Professional	Margin	Margin (%)	Remarks	
	501	502						1A	66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011		14,841.36		3,359.55	1,820.09	9.09%		
	602	508						1A	66	New Footpath at Ocean Drive	26/10/2011		7,584.14		1,716.77	930.09	9.09%		
	503	515						5C	63	OLE temporary supports at Depot Access Bridge to allow	01/12/2011		16,980.40	12,687.40	2,849.33	1,543.67	9.09%		
	504	506						1C	66	Inclusion of Edinburgh Place redesign (for TPO) within Ficerdy Place	26/10/2011		46,247.00		7,760.30	4,204.27	9.09%		
	505	513						1C	66.1.2	Revision of Edinburgh Place redesign (for TPO) within Ficerdy Place	29/11/2011		228,852.80		38,368.94	20,786.92	9.09%		
	506	503A						1C	66	Incorporating New run time model based on York Place Terminal Agreement	26/10/2011		8,232.50		1,863.54	1,009.60	9.09%		
	517	504D						1C	66	Princes St- new cycle way from The Mound into Princes Street	30/01/2012		11,105.64						
	509	519						OH	66	St Andrew Square Public Realm Design Finalisation	18/01/2013		100,180.50		22,677.22	12,285.77	9.09%		
	520	553							63	Cathedral Lane Substation - change to Henderson Global Design	15/12/2011		233,595.67		39,197.60	21,235.97	9.09%		
	511	511						5C	66.63	valve chamber access and alterations to 800mm water main at depot	28/02/2012		96,909.28	71,837.85	16,261.48	8,409.93	9.09%		
	512	505A						1A	66	Allow for storm water connection from Cogar Lodge to landowners new	22/11/2011		5,750.46	3,440.00	822.76	964.93	522.77	9.09%	
	508	507						7A	66	incorporate AECOM design for Ocean Terminal Bypass Road	26/10/2012		53,885.15	39,796.26	9,008.43	4,880.47	9.09%		
	513	526A						SWON	66	New Road Safety Audit to achieve BAAVEAL approval	26/10/2011		10,025.00	7,431.43	1,682.21	911.36	9.09%		
	514	554						SWON	15	Utility Conflict verification - design changes	20/02/2012		156,870.49	116,286.50	26,323.04	14,260.95	9.09%		
	518	565							58	Utility mapping	29/03/2012		92,756.07	68,759.13	15,584.57	8,432.37	9.09%		
	517	539							63	Additional watermain requirement at Depot and Mini test track	26/04/2012		51,281.72	38,014.62	8,805.13	4,681.97	9.09%		
	524	586							62.66	Additional CCTV Bulbs at Depot and Mini Test track	16/01/2012		2,996.00	2,220.90	502.73	272.36	9.09%		
	539	529						SW	SW	NIL Design Finalisation	16/07/2012		40,559.19	3,784.50	6,805.88	3,687.20	9.09%		
	541	611A						1D	13	Programme Rev 3A/4	21/12/2011	2,851,900.00	2,356,942.15			494,957.85	17.36%		
	529	524A						OH	66.7	available ET-Lines to avoid provision of direct FO link from Princes Street to	26/11/2012		4,536.57	3,362.17	761.07	412.32	9.09%		
	530	525						OH	66	Redesign Cogar Castle Access Road	17/01/2012		31,308.00	23,208.30	5,253.52	2,846.18	9.09%		
	576	543						5C	63	Depot Access Road Turning Head	16/12/2011		30,458.40	22,578.50	5,110.95	2,768.95	9.09%		
	526	518							63	Restatement 250mm Watermain	26/04/2012		36,787.81	27,270.43	6,173.03	3,344.35	9.09%		
	544	512						OH	64	Tram Delivery Temporary Works	12/12/2011		6,878.44	5,098.92	1,154.21	625.31	9.09%		
	534	556						5ABC	54	Extension to Edinburgh Park Office to accommodate CEO/Transport	22/11/2011		159,900.00	139,043.40	6,390.24	14,583.36	9.09%		
	540	509A							54	Scottish Power Insurance Ducts	01/05/2012		5,636.59	4,178.35	945.83	512.42	9.09%		
	555,557,562	521D						OH	66	Amendment to lands capping scope at plot 30.4 section 7	01/02/2012		-281,120.00	3,768.00	152,858.21	33,748.15	18,283.64	9.09%	
	566	535B						OH	66	Siemens OLE design update	10/04/2013		108,859.04	80,718.34	18,271.70	9,899.00	9.09%		
	568	537B						OH	66	On-Street design changes due to utilities conflicts	07/10/2013		53,321.00	39,525.32	9,947.82	4,847.36	9.09%		
	563	516E						OH	66	On-Street Design Changes due to trackform conflicts	18/06/2013		8,870.03	6,575.26	1,488.40	806.37	9.09%		
	567,778,782	536E						2A	66	SDS to provide services of Met. Fill	16/04/2013		141,730.67	105,063.51	23,782.56	12,884.61	9.09%		
	558	522A						OH	65	On-Street drainage design changes due to utilities conflicts	31/07/2013		215,029.86	112,559.67	46,839.81	36,082.21	19,548.15	9.09%	
	559	545						OH	66	Provision of CAD Technician	03/02/2012		1,693.00	1,255.00	294.09	153.91	9.09%		
	565	533C						OH	66	Detailed Design of York Place Terminal	08/02/2012		56,438.11	41,837.00	9,470.37	5,130.74	9.09%		
	569	538						OH	66	Advanced design Edinburgh Gateway - Minimum Option	26/09/2012		5,949.09	4,410.00	998.26	540.83	9.09%		
	569	538						OH	66	On-Street design of circular pile caps	09/01/2012								Regulated under FMC 054
	561	528						1A	31	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%		
	572	540A						OH	66	Value Engineering Forth Point Section 1A	21/12/2011		-2,443,000.00	2,220,909.09		232,090.91	9.09%		
	574	542A						2A	61	Cathedral Lane Substation Design	18/01/2012		34,458.86	25,544.00	5,782.23	3,132.62	9.09%		
	571A	573C						1D	66	Heymarket Viaduct delete parts of cladding	16/07/2012		-5,571.34	4,055.13	1,009.72	506.49	9.09%		
									66	Home Street reinstatement	20/03/2013		13,639.74	10,111.60	2,287.76	1,239.98	9.09%		

2.08a Approved Change Orders

										Job Estimate Budgets								
PRC	SEC	REQ	BOF	Design	EST	EST/13	EST/14	Section/Activity	Description	Estimate	Revenue	BOF	Design	Construction	Professional	Margin	Margin (%)	Rev. Atts
65	577	544A						2A	61	Omit construction of Haymarket Substation retaining wall and piling	06/11/2012	-4,607.82		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 Set Locations and new Stat. Specification	18/09/2012	15,512.15		11,499.00	2,602.96	1,410.20	9.09%	
78	588	551						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		1,060,445.80	0.00	196,044.58	9.09%	
81	582	549						5A	61	Deleted Roseburn Viaduct Trespa cladding	09/02/2012	308,004.00		280,003.64	0.00	28,000.36	9.09%	
83	589	552							62	Deletion of Airport Kiosk	29/02/2012	-150,000.00		136,363.64	0.00	13,636.36	9.09%	
84	593	558A						SWON	66	Cessation of Design North of York Place (SV-201F)	13/07/2012							
85	591	563A						2A	61	Diversion of Scottish Power Cable	21/02/2013	2,428.20		1,800.00	407.45	220.75	9.09%	
89	601	560						5C	62.66	Shelters at Gogarburn Tramstop to be 8m length	15/03/2012 14/08/2012	27,862.60	2,671.00	17,983.26	4,675.37	2,532.86	9.09%	
91	574	574						1A	21	Ongoing Traffic Management	12/05/2012	133,140.45		95,815.68	22,341.11	12,103.68	9.09%	
92	595	566						2A	61	Deletion of crew relief facilities	08/05/2012	-74,001.12		54,858.29	12,417.47	6,727.37	9.09%	
92	616	567						2A	61	Crew relief wall construction to close void beneath Haymarket Viaduct	09/05/2012	10,797.88		8,004.36	1,811.90	981.63	9.09%	
92	615	568A						2A	66	Design for crew relief wall construction to close void beneath Haymarket Viaduct	09/10/2012	1,900.12	1,404.54	318.34	172.74	9.09%		
93	705	626						2A	66	Haymarket re-design due to LO constraints	14/11/2012	13,669.05	10,132.73	2,293.68	1,242.64	9.09%		
94	607	623						SW	12-1314	Delete Requirements at all Tramstops for 110v socket for cleaning purposes (On Street)	23/10/2012	-6,153.73		4,561.70	1,032.60	559.43	9.09%	
95	606	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		27,317.58	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							
112	618	576							63	Alteration to 1800mm Diameter Manhole	19/06/2012	6,176.31		4,578.44	1,036.39	561.48	9.09%	
115	620	589A							68	Airport Tram Stop Design	27/09/2012	17,783.87	13,183.00	2,984.15	1,616.72	9.09%		
119	627	599						1D	66	St Johns Church deletion of pedestrian barrier	21/09/2012							
120	623	596							25	Gogar Depot Repair	28/08/2012	1,887.15		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	6,423.88		4,761.96	1,077.83	583.89	9.09%	
124	636A	571B						5C	54.66	Twin Crossings at Lochside Avenue	05/02/2013	29,051.92	8,226.43	13,309.46	4,874.84	2,641.08	9.09%	
130	669	622						7A	62	SCN Remedial works - Backfill at New Ingleston	18/12/2012	16,063.95		11,908.04	2,695.55	1,460.36	9.09%	
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	498,827.62	270,248.88	9.09%	
150	647C	577F						1C	66	Design on street works carriage way reconstruction	09/01/2013	27,877.43		20,517.00	4,844.30	2,516.13	9.09%	
151	648	573A						1C	66	Design cabinet positions for street lighting Princes Street	14/08/2013							
153	651A	625A						SW	12-13-14-45-54-61-62	Defer installation of Tramstop shelter and Fit Out	01/03/2013	34,841.80		25,902.00	5,863.27	3,176.53	9.09%	
155	657	582A						1C	66	As-Built Drawings Princes Street	11/10/2012	3,271.33	2,425.00	548.93	297.39	9.09%		
169	682	590A						7A	62.66	Topographical Survey	11/12/2012	2,588.65	1,478.00	436.69	434.09	235.18	9.09%	
170	667	594B						2A	66	Call of service to respond Network Rail Technical Queries	21/11/2013	14,301.37	10,601.46	2,399.79	1,300.12	9.09%		
171	696	595						1C	12	York Place, De-scope of Works	12/07/2012	-1,015,155.80		868,815.09		48,340.71	4.76%	
172	719	627D						SW	66-15-54-61-62	Defer installation of tramstop shelter and Fit Out	13/01/2014	134,690.10	10,163.00	89,681.40	22,801.14	12,244.55	9.09%	
173	666	593A						5A	61	Scottish Rail Pedestrian Access Gate	18/12/2012	4,905.64		3,636.50	823.17	445.97	9.09%	
177	670	592A						1C	66	Design response Princes St Road Safety Audit	11/10/2012	1,610.77	1,194.05	270.29	146.43	9.09%		
181	679	601A							63	Temporary reduction in the volume of water in Depot storage tanks	19/11/2012							

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										Job Estimate Budgets									
PRC	SEC	RES	BOF	Design	EST	EST/10	EST/20	Section/Activity	Description	Reference	Revenue	BOF	Design	Construction	Professional	Margin	Margin (%)	Notes	
192	675	648						5A	61	Scotrail Depot-Scottish Water meter works	21/02/2013			9,271.57	2,098.75	1,137.03	9.09%		
195	684	621							25	Repairs to damaged utility cover slabs	23/10/2012			69553	157.44	8530	9.08%		
196	725	631B						ON	66	On Street Provision of DWG drawings - Drainage	26/02/2014		2,336.00		528.74	286.48	9.09%		
197	685	603A						1A	66	Design and As Built Information Lindsay Road	20/11/2012		5,256.00		1,189.77	644.58	9.09%		
199	690	606A						2A	61	Investigate existing works in the upper section of the West Shunt in relation to the new drainage	23/10/2012			56,644.38	12,822.23	6,946.66	9.09%		
203	664 750	591A 649						5C	62	Signal Cable Access Road - Road Safety Audit - additional high friction surfacing - road widening	21/03/2013			4,857.01	1,054.18	571.12	9.09%		
206	691	605A						1C	66.tbc	Cathedral Lane Tram Substation - Investigate and amend design of Cathedral Lane Retaining Wall	20/03/2013		34,521.00		7,814.30	4,233.53	9.08%		
207	672	603C						ON	66	Review and amend design for On Street Drainage	16/05/2013		13,328.38		3,017.06	1,634.55	9.09%		
208		620						SW		Cost Engineering in respect of the Programme	18/10/2012		2,614,038.94			548,948.18	17.36%		
212	704	612A						1C	66	Canalway Reconstruction - redesign of St Andrew Square	20/03/2013		6,825.00		1,544.83	936.99	9.09%		
213	689	606E						ON	66	On Street Road Sign Bases, Traffic Column, Traffic Signal Poles, Ducting and Chambers (TPEZs) - DESIGN	22/01/2014		65,042.99		14,723.37	7,976.64	9.09%		
214	683	604A							62	Trial hole to locate Scottish Water pipe at Gogarburn	29/01/2013			2,481.98	561.81	304.37	9.09%		
215	701B	614E							62.66	Reinstatement work at the Airport	01/10/2013		25,742.00		5,827.05	3,156.91	9.09%		
216	702	615A							62	Eastfield Avenue pedestrian crossing provide and install STRAIL panels	18/01/2013			1,619.00	2,746.90	436.53	9.09%		
217	685	613A							62	Tanker Access North of BCR exit at Burnside Road, temp road surface and install kerbs at Edinburgh Airport	14/03/2013			1,071.51	242.55	131.41	9.09%		
224		630B						1C	12	Construction of Cathedral Lane Substation and Retaining Walls	13/01/2014			271,048.12	61,355.44	33,240.36	9.09%		
226	696	646							66	SGN As Built drawings between Ingliston and Eastfield Avenue	05/03/2013		2,531.00		572.93	310.39	9.09%		
228	713	639						2A	61	Haymarket/18 Network Rail Encroachment into LOE	08/02/2013			86,968.06	19,690.93	10,667.90	9.09%		
229	711	636						2A	61	Fence requirements at Murrayfield, Scotrail & Royal Mail	22/01/2013								
230	712	634A						5A	54	Murrayfield Wanderers Interface Detail	03/09/2013		40,801.42		30,319.81	6,883.30	3,716.31	9.09%	
232	714	640A						5B	54.66	Edinburgh Park Central Lighting - Design	27/02/2013		2,569.00	6,395.03	2,026.64	1,097.97	9.09%		
235	724	639A						5A	66	Realignment of Scottish Water pipe at Murrayfield	12/02/2013		2,421.00		548.03	296.90	9.09%		
236	723	641						1CD	71	Road Safety Audit Princes Street	16/02/2013			500.00		113.18	61.32	9.09%	
243	726	637A						2A	61	Deletion of Murrayfield Thistle	04/02/2013			4,900.00	899.73	559.37	9.09%		
244	709	617						5A	61	Scotrail car Park landscaping Works	22/02/2013								
252	737	635						5B	54	BT ducts at South Gyle Access Bridge - Works transfer	21/01/2012			28,972.53	6,354.60	3,442.71	9.09%		
253	732	673						5A	61	Roseburn Street Pavement Construction	18/08/2013			9,042.64	2,391.12	1,140.38	9.09%		
254	753	650A						2A	58.66	Additional Retaining Walls adjacent to Haymarket Scotrail Depot	09/09/2013		54,389.00	205,435.97	58,814.70	31,883.87	9.09%		
259	759	656							62	Re-grading works at Eastfield Avenue	05/03/2013			17,305.49	3,917.33	2,122.26	9.09%		
261	744	638A						5B	54	Carnegie Knowe Golf Course Drainage	20/08/2013								
262	736	642A						1D	66	Amendment to road markings at Sandwick Place	10/07/2013		3,982.78	0.00	901.56	488.43	9.09%		
264	742	644A						5B	54	South Gyle Access Junction supplemented by Aecom	13/01/2014			64,429.56	14,583.15	7,900.67	9.09%		
266	751	653A							62	Removal of Gogarburn hoarding	18/04/2013			1,839.58	414.15	224.37	9.09%		
267	752	654A							62	Handrail at Gogarburn Tram Stop ramp	18/04/2013			1,120.00	253.63	137.35	9.09%		
271	746	643						5B	61	Installation of vibro prism at Murrayfield Tramstop	04/03/2013								
272	755	652A						5C	62	Relocation of signage at Gogarburn Tram Stop	07/09/2013			431.93	97.77	52.97	9.09%		
273	758	676						2A	61	Haymarket Terrace - High Friction Surface Disclosure	25/07/2013			11,210.00	6,495.59	1,767.96	9.08%		
NN	754	651B						OFF	54.66	Additional seating and bonding to demarcation fencing	31/07/2013			35,633.59	8,066.15	4,369.97	9.09%	Budget transfered to the Main Programme in accordance with budget rebalancing	
278	785	658E						OFF	61.66	Fencing requirements to Network Rail corridor	28/11/2013		5,826.00	62,408.31	15,445.77	9,368.01	9.09%		
283	771	665A						SW	66.71	Investigate analysis of the DKE of a CAF tram in accordance with technical information provided by CAF	19/08/2013		19,120.00	7,700.00	6,071.07	3,289.11	9.09%		

2.08a Approved Change Orders

										Job Estimate Budgets									
PRC	SEC	RES	BOF	Design	EST	EST/17	EST/18	Section/Activity	Description	Reference	Revenue	BOF	Design	Construction	Professional	Margin	Margin (%)	Notes	
286	770	695						2A	61	Removal of parapet wall at Haymarket Station	31/07/2013								
287	773	669						5A	58	Water of Leith Bridge Lighting	17/01/2014	18,254.18		14,272.93	3,230.87	1,750.38	9.09%		
290	742	671A						1C	66	Broughton street review and re-design	04/09/2013	1,942.56		1,440.00	325.96	176.60	9.09%		
291	777	672A						5C	54	Change ballast within "6 foot" at Edinburgh Gateway	01/10/2013	-2,557.05		1,885.52	429.08	232.46	9.09%		
293	778	683						5A	61.66	Scotrail Timber Staircase	09/10/2013	18,852.63	7,589.00	6,386.26	3,163.49	1,713.88	9.09%		
296	782	674						2A	61	Russell Road Watermain Descope	31/07/2013	-2,180.25		2,180.25					
298	783	677A						5A	61	Murrayfield Tramstop Wall Modification	20/12/2013	1,072.45		795.00			277.45	25.87%	
302	788	681B						SW	547	Various Safety Related Issues	20/01/2014	43,501.61		32,247.30	7,299.62	3,954.69	9.06%		
304	786	692						SW	66	Tram Infrastructure Drawings for Third Parties	17/01/2014	29,814.02		22,175.00	0.00	5,019.61	2,719.46	9.09%	
305	794	687						5B	54	Balgreen Pelican Crossing - Alter to T-junction crossing	23/01/2014	3,459.17		25,645.05	5,805.11	3,145.02	9.09%		
309	793	688A						SW	66	Heavy tram implications	13/01/2014	1,448.83		1,074.00	0.00	243.12	131.71	9.09%	
314	797	701						SW	66	Updating Lighting Design Section B - Bulbs	13/01/2014	897.17		628.00		142.16	77.02	9.09%	
315	784	678A						5B	54	Carrick Knowe Lighting	08/01/2014	3,170.15		2,350.00	531.95	288.20	9.09%		
316	803	693						5B	54	Spare Glass Panels after Balgreen	31/10/2013	7,002.53		6,865.94		638.59	9.09%		
325	805	694A						5C	54	Edinburgh Gateway Embankment	27/01/2014	4,788.60		3,549.74	803.63	435.33	9.09%		
339	815	702							25	Minor works at Depot instructed by Operator	03/02/2014	7,357.86		5,454.31	1,234.66	688.80	9.09%		
340	807	696A						5B	54	Gyle Hedge Descope	22/01/2014	-220.00		863.98	38.92	20.00	9.09%		
344	821	708						1D	14	Descopes of Roseberry Crescent Bulldozers	12/03/2014	-2,457.65		1,321.63	412.40	223.42	9.09%		
15	513.1	ICCO						1D	14	Utility Conflict Verification	31/01/2014	19,726.54		12,757.68	5,176.54	1,793.32	9.09%		
25	543	ICCO						1D	14	Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	31/01/2014	28,868.83		18,669.57	75,740.27	26,243.69	9.09%		
28	521	ICCO						1D	14	Provide temporary accommodation and Welfare facilities	31/01/2014	1,768.57		1,143.78	484.01	160.78	9.09%		
35	547	ICCO						1D	14	Haymarket H1 Third Party affecting our ability to progress the works	31/01/2014	7,766.59		5,022.86	2,037.67	706.05	9.09%		
36	548	ICCO						1D	14	Haymarket H1, BT Fibre Optic Service required Diverted	31/01/2014	95,196.77		61,566.30	24,976.21	8,654.25	9.09%		
37	528	ICCO						1D	14	Haymarket 1 - Silt Trench Excavation to Validate Utilities	31/01/2014	7,525.43		4,866.90	1,974.40	684.13	9.09%		
38	549	ICCO						PSOW	13	Move 3 No OLE's (St. John's Church) to central reserve	31/01/2014	37,415.13		24,197.87	9,816.39	3,401.39	9.09%		
40	535	ICCO						PSOW	13	Scottish Water Diversion at Junction of Princes Street and South St David Street	31/01/2014	289,976.52		187,536.59	76,079.43	26,361.50	9.09%		
43	551	ICCO						PSOW	13	Xmas Embargo demob and temp reinstatement	31/01/2014	233,267.69		150,860.47	61,201.07	21,206.15	9.09%		
52	564	ICCO						1CD	15	PMC 52 On Street: Early Implementation of TM Phase 4 & 5	31/01/2014	469,105.66		303,389.33	123,076.54	42,645.99	9.09%		
55	554	ICCO						1CD	15	Traffic Management Design	31/01/2014	10,792.81		6,980.00	2,831.65	116.16	9.09%		
58	570	ICCO						1CD	14	Site Clearance: Omit removal of trees	31/01/2014	-14,070.88		9,100.00	3,691.69	1,279.17	9.09%		
68	596	ICCO						1D	14	PMC 68: Utilities affecting ability to place system drainage	31/01/2014	-36,821.54		23,813.48	9,608.65	3,347.41	9.09%		
69	598	ICCO						1D	14	PMC 69: Geotextile liner to Clifton Terrace Void	31/01/2014	2,017.63		1,304.79	529.33	183.41	9.09%		
72	600	ICCO						1D	14	Shandwick place - OLE bases affecting utilities (Piling)	31/01/2014	317,797.51		205,528.17	68,374.66	28,890.68	9.09%		
77a	583	ICCO						1C	12	Amend specification for on street sets - 1C	31/01/2014	-38,841.56		24,990.53	10,138.16	3,512.87	9.09%		
77b	583	ICCO						1D	14	Amend specification for on street sets - 1D	31/01/2014	83,354.57		40,978.10	16,621.97	5,759.51	9.09%		
79	606	ICCO						1C	12	St Andrew Sq third party affecting our ability to progress the works	31/01/2014	593,328.31		383,721.32	165,668.05	53,988.94	9.09%		
80	635A	ICCO						PSOW	12	Revised drainage scope and scope split	31/01/2014	-123,699.84		80,000.00	32,454.40	11,245.44	9.09%		
87	604	ICCO						1C	12	St Andrew Sq - OLE bases affecting utilities (Piling)	31/01/2014	43,040.86		27,835.68	11,292.38	3,912.81	9.09%		
88a	584	ICCO						1CD	12	Residual Road Value Engineering 1C	31/01/2014	83,326.31		53,889.36	21,861.83	7,575.12	9.09%		

2.08a Approved Change Orders

										Job Estimate Budgets								
PRC	SEC	REQ	BOF	Design	EST	EST/17	EST/18	Section/Activity	Description	Reference	Revenue	BOF	Design	Construction	Professional	Margin	Margin (%)	Notes
88b	584	ICCO						1CD	14	Residual Road Value Engineering 1D	31/01/2014	-383,365.97		247,927.23	100,679.11	34,850.63	9.09%	
88c	584	ICCO						1CD	12	YP Footpath De-scope	31/01/2014	-86,031.69		55,838.00	22,571.83	7,821.06	9.09%	
88d	584	ICCO						1CD	12	SAS Footpath De-scope	31/01/2014	-66,469.23		55,921.32	22,869.16	7,860.75	9.09%	
88e	584	ICCO						1CD	14	Carriageway Value Engineering AddPayment	31/01/2014	194,624.88		100,000.00	40,568.00	14,065.80	9.09%	
97	599	ICCO						1C	12	Floating Track Slab	31/01/2014	128,093.58		82,941.55	33,807.16	11,844.87	9.09%	
99	629	ICCO						1D	14	Utilities affecting the ability to progress track excavation Shandwick 1	31/01/2014	13,811.77		8,609.08	3,492.63	1,210.16	9.09%	
100	630	ICCO						1D	14	Utilities affecting the ability to progress track excavation Shandwick 2	31/01/2014	10,983.52		7,103.34	2,881.68	998.50	9.09%	
101	631	ICCO						1D	14	Third Parties affecting the ability to progress track excavation Shandwick 2	31/01/2014	8,207.96		5,308.31	2,153.45	745.18	9.09%	
103	613	ICCO						1C	12	St Andrew Square Design, Enabling and Ongoing Maintenance of Temporary Bus Station	31/01/2014	10,184.42		6,585.54	2,672.03	925.85	9.09%	
104	614	ICCO						SM	15	INC 614 Robtsey Place TM Amendment	31/01/2014	9,471.22		6,125.29	2,484.91	861.02	9.09%	
108	590	ICCO						1CD	13	Reinstatement of Third Party Works / Lining - The Mound	31/01/2014	34,815.98		22,519.43	9,134.46	3,185.09	9.09%	
109	600	ICCO						1CD	13	Re-proving and cleaning of Chambers / ducts	31/01/2014	26,455.24		17,109.31	6,940.90	2,405.02	9.09%	
110	600	ICCO						1CD	13	Duct Chamber Bedding Detail Drawing Change	31/01/2014	21,828.18		13,987.51	5,874.45	1,966.20	9.09%	
114a	611	ICCO						1D	14	Excavation by others - 1D	31/01/2014	-78,309.73		50,645.00	20,545.66	7,119.07	9.09%	
114b	611	ICCO						1C	12	Excavation by others - 1C	31/01/2014	-123,699.84		80,000.00	32,454.40	11,245.44	9.09%	
126	629	ICCO						1D	14	1D Hand dig to expose utilities crossing In ground duct bank within S1 at Stamford Street and Leithen Road junction for T1 by action	31/01/2014	12,842.56		8,305.63	3,288.43	1,187.51	9.09%	
127	630	ICCO						1D	14	1D Utilities affecting ability to install System Ducting through S2 (South of East Bank)	31/01/2014	19,811.41		12,812.57	5,197.80	1,801.04	9.09%	
128	598	ICCO						1D	14	1D Remove and Reinststate with Traps IMU and Track Drainage laid by other within H1	31/01/2014	5,361.68		3,467.54	1,406.71	487.43	9.09%	
129	543	ICCO						1D	14	1D Discovery of unsuitable material below formation of base 1312u4A within H2	31/01/2014	5,167.40		3,354.83	1,360.99	471.58	9.09%	
130	547	ICCO						1D	14	1D Remedial works required in the partial return of H1 to infraco on 21 May 2012	31/01/2014	7,655.77		495.31	200.94	89.62	9.09%	
132	543	ICCO						1D	14	1D Transfer plant and materials back to H2 from S4 to reconstruction works to OHL base. Strengthened by T&T	31/01/2014	1,217.62		787.74	319.46	110.69	9.09%	
133	570	ICCO						1D	14	1D Excavate Trial Holes in locations of tie ups through Shalwick S4 behind the existing stone wall to establish foundation depth	31/01/2014	3,781.64		2,445.69	992.17	343.79	9.09%	
135	635	ICCO						1D	14	1D Remove and reinststate with Traps IMU and Track Drainage laid by other within S1 (East End) and S2	31/01/2014	10,365.89		6,703.90	2,719.64	942.35	9.09%	
137	637	ICCO						1C	12	1C remove existing pedestrian crossing at junction of St Andrew Square and Princes St	31/01/2014	7,342.71		4,748.73	1,826.46	607.52	9.09%	
144a	639	ICCO						1C	15	York Place Closure Design, Enabling and Ongoing Maintenance - Logistics	31/01/2014	98,661.98		63,742.66	25,859.12	8,980.18	9.09%	
144b	639	ICCO						1C	15	York Place Closure Design, Enabling and Ongoing Maintenance - TM	31/01/2014	146,710.26		94,881.46	38,491.51	13,337.80	9.09%	
144c	639	ICCO						1C	12	York Place Closure Design, Enabling and Ongoing Maintenance - enabling	31/01/2014	47,238.82		30,550.61	12,393.77	4,294.44	9.09%	
145	645	ICCO						PSOW	13	Princes Street Outstanding Works	31/01/2014	216,900.26		140,210.54	56,890.61	19,709.11	9.09%	
157a	599	ICCO						1D	14	1D Widening of track excavations due to installation of floating track slab within H3	31/01/2014	3,455.21		2,234.58	906.52	314.11	9.09%	
157b	599	ICCO						1D	14	1D Widening of track excavations due to installation of floating track slab within H3	31/01/2014	53,954.69		30,569.00	24,571.63	8,514.06	9.09%	
158	629	ICCO						1D	14	1D Remedial works on Hensback of S1 & S3 including fencing, reinstatement of the formation and utility ducts	31/01/2014	5,979.99		3,867.42	1,589.93	543.64	9.09%	
159	629	ICCO						1D	14	1D Exposing of the connecting services and traction duct excavations in H1, H2 & H3	31/01/2014	16,354.55		10,447.58	4,236.37	1,488.60	9.09%	
160	547	ICCO						1D	14	1D Utilities are affecting the working space to all OHL bases within H2 impacting on formwork and reinforcement	31/01/2014	3,470.49		2,244.46	910.53	315.60	9.09%	
161	645	ICCO						PSOW	13	PSOW - Remedial works to Traffic Signal works	31/01/2014	6,343.67		4,102.62	1,664.35	576.70	9.09%	
162	645	ICCO						PSOW	13	PSOW - Waterman Ducting	31/01/2014	15,462.48		10,000.00	4,056.80	1,405.66	9.09%	
163	645	ICCO						PSOW	13	PSOW - Additional OLE Remedials	31/01/2014	3,808.25		2,462.90	999.15	346.20	9.09%	
164	645	ICCO						PSOW	13	PSOW - Traffic signal ducting works - drawing charge	31/01/2014	3,292.86		2,129.58	863.93	299.35	9.09%	
165	645	ICCO						PSOW	13	PSOW - Tram Stop Additional Works	31/01/2014	18,928.83		12,242.43	4,966.51	1,720.89	9.09%	
166	600	ICCO						PSOW	13	Water Valve	31/01/2014	577.07		334.40	135.86	47.01	9.09%	
167	554	ICCO						1D	14	1D Additional TM Requirements at Canning Junction as per Instruction	31/01/2014	1,298.49		839.77	340.68	118.04	9.09%	

2.08a Approved Change Orders

PRC	SNC	RCD	RDF	Design	DET	RBL/TP	RSL/R	Section / Activity	Description	Reference	Revised	Job Estimate Budgets					New jobs
												BCP	Design	Construction	Provisional	Margin	
176	668	ICCO						SW 15	TNC 660 Princes St TM	31/01/2014	4,802.82		3,108.11	1,280.89	436.62	9.09%	
178	642	ICCO						1C 12	YP Tramstop Associated Works	31/01/2014	99,182.53		84,144.00	26,021.84	9,016.59	9.09%	
179a		ICCO						1C 12	Type 2 Civil DS-scope	31/01/2014	-132,201.49		85,499.25	34,684.93	12,018.32	9.09%	
179b	682	ICCO						1D 14	Revised scope for street lighting, road signs & traffic signals	31/01/2014	-482,313.63		311,928.15	126,541.78	43,846.69	9.09%	
180	690	ICCO						SW 15	Review of single bus lane running west to east through Coates Crescent on the Princes Street via Shandwick Place	31/01/2014	2,419.88		1,565.00	634.89	219.99	9.09%	
182	676	ICCO						1D 15	Temporary traffic management to retain existing access to Bus Station on Princes Street TNC 678 & TNC 678A	31/01/2014	37,849.83		24,543.17	9,955.67	3,449.98	9.09%	
183	677	ICCO						1D 15	Temp Roundels	31/01/2014	1,390.08		899.00	364.71	126.37	9.09%	
184	665	ICCO						1C 15	Removal of temporary traffic management from Princes Street between Waverley Bridge and South St Andrew Street (horizontal plug) TNC 665	31/01/2014	5,547.16		3,587.50	1,455.38	504.24	9.09%	
185a	658	ICCO						1D 14	Shandwick Walls and Paths	31/01/2014	216,474.73		140,000.01	56,785.20	18,679.52	9.09%	
185b		ICCO						1D 14	Works to footpath in gardens at SP4	31/01/2014	23,137.48		14,963.63	6,070.44	2,103.41	9.09%	
187	543	ICCO						1D 14	Remedials on handback to H1,2,3	31/01/2014	15,077.56		9,751.06	3,955.81	1,370.69	9.09%	
188	600	ICCO						1D 14	OLE 131,128A fill below formation	31/01/2014	9,473.06		6,128.48	2,485.39	861.19	9.09%	
189		ICCO						1D 14	Pedestrian Guardrail	31/01/2014	-2,733.77		1,788.00	717.24	248.52	9.09%	
190	645	ICCO						1CD 13	PN43 Investigation	31/01/2014	1,135.51		733.07	299.39	103.05	9.09%	
191	636	ICCO						1D 14	Contaminated Material In SP4	31/01/2014	76,628.91		45,677.61	18,530.49	6,420.81	9.09%	
193	547	ICCO						1D 14	Placement and removal of material between trackslab in SP2 & SP6	31/01/2014	2,216.53		1,433.49	581.54	201.50	9.09%	
204	688	ICCO						1D 14	Crescent Footpath De-Scope	31/01/2014	-49,940.22		32,287.88	13,102.52	4,540.02	9.09%	
205	693	ICCO						1D 14	Shandwick Place, additional kerbing and footpath reinstatement	31/01/2014	51,935.64		33,588.17	13,626.05	4,721.42	9.09%	
206	641	ICCO						1C 12	Cathedral Lane Substation Investigation Works	31/01/2014	3,911.58		2,529.71	1,026.25	355.60	9.09%	
218	689	ICCO						SW 15	TNC 689 Ped Walkway Dairy Road	31/01/2014	4,132.69		2,672.72	1,084.27	375.70	9.09%	
220	645	ICCO						1C 12	Additional Central Reserve Works	31/01/2014	7,124.63		4,646.49	1,884.99	653.15	9.09%	
221	697	ICCO						1D 14	Remedial Works to OLE foundations Clifton Terrace	31/01/2014	19,817.81		12,816.71	5,199.48	1,801.82	9.09%	
222	767	ICCO						SW 15	TNC 707A TM Apple Store Site	31/01/2014	2,348.19		1,518.64	616.38	213.47	9.09%	
224	641	ICCO						1C 12	Cathedral Lane Substation Investigation Works	31/01/2014	206,378.16		133,470.29	54,146.22	18,761.65	9.09%	
225	700	ICCO						1D 14	Hope Street construction works	31/01/2014	-42,349.92		27,388.83	11,111.10	3,849.99	9.09%	
227	639	ICCO						1C 12	York Place Hoarding Design	31/01/2014	2,722.70		1,780.84	714.34	247.52	9.09%	
233	594	ICCO						1C 12	Frictioning De-scope	31/01/2014	-9,031.63		5,841.00	2,389.68	821.06	9.09%	
237	664	ICCO						1CD 15	Tracking and Modelling CEQ request	31/01/2014	6,904.00		4,465.00	1,811.86	627.64	9.09%	
238	606	ICCO						1C 12	Making Manhole shutters and envoided	31/01/2014	114,530.59		74,070.00	30,048.71	10,411.47	9.09%	
239	682	ICCO						1C 12	163 Re-scope of De-scoped Ducting	31/01/2014	6,731.87		4,353.66	1,766.20	611.99	9.09%	
240	687	ICCO						1C 12	Additional Kerb coat for supply as new	31/01/2014	100,741.55		65,152.26	26,430.87	9,158.32	9.09%	
245	728	ICCO						SW 15	Pedestrian management during Christmas Shutdown	31/01/2014	22,821.19		14,823.75	6,013.70	2,083.74	9.09%	
246	729	ICCO						1CD 12	Princes St/South St Andrew St - Traffic Light Alterations	31/01/2014	4,081.69		2,638.74	1,070.89	371.06	9.09%	
247		ICCO						1D 14	De-scope tram duct/crossing at Haymarket	31/01/2014	-773.12		500.00	202.84	70.28	9.09%	
261	735	ICCO						1D 14	Queensferry Street / Clifton Rd Junction	31/01/2014	32,338.28		20,914.03	8,484.40	2,939.84	9.09%	
255	738	ICCO						1C 12	De-scope Site Clearance Items	31/01/2014	285,264.13		184,488.00	74,843.09	25,933.11	9.09%	
256	740	ICCO						1D 14	Haymarket Island - amend levels	31/01/2014	5,075.90		3,082.72	1,331.73	461.45	9.09%	

2.08a Approved Change Orders

PRC	SIC	RCD	RDF	Design	EST	EST DT	EST TO	SIC	Section/Activity	Description	Reference	Revenue	Job Estimate Budgets					New Jobs	
													ICT	Design	Construction	Provisional	Margin		Margin (%)
258	739	ICCO						1C	12	Dublin Street Steps	31/01/2014	91,498.09		59,174.27	24,005.82	8,318.01	9.09%		
280	741	ICCO						1D	14	Alterations to Street Lighting Poles 1D	31/01/2014	31,818.70		20,576.71	8,347.56	2,892.43	9.09%		
283		ICCO						1CD	12	Additional copies at P&G Transit	31/01/2014	1,799.83		1,164.00	472.21	163.62	9.09%		
285	749	ICCO						1D	14	Footway Works outside Haymarket Station	31/01/2014	16,042.75		10,378.51	4,210.35	1,451.49	9.09%		
288	756	ICCO						1D	14	Widening of temporary Ped walkway at Haymarket	31/01/2014	2,150.71		1,390.92	564.27	195.52	9.09%		
274	786	ICCO						1D	12	Additional cost of deco flood lighting	31/01/2014	23,187.53		14,996.00	6,083.58	2,107.96	9.09%		
277	761	ICCO						1C	12	Re-Scope of Road Markings St Andrew Square	31/01/2014	6,786.34		4,388.91	1,780.49	616.64	9.09%		
289	842	ICCO						1C	12	York Place Underground Structure	31/01/2014	17,377.23		11,238.32	4,559.16	1,579.75	9.09%		
294	884	ICCO						1D	14	Surfacing Indices	31/01/2014	77,895.83		50,377.82	20,437.07	7,081.44	9.09%		
295	884	ICCO						1C	12	Additional 22m of M&P Track	31/01/2014	-24,739.97		16,000.00	6,490.83	2,248.09	9.08%		
303	889	ICCO						1C	15	Switch York Place to Christmas 2012 TM Phasing	31/01/2014	13,047.12		8,437.92	3,423.10	1,186.10	9.09%		
318		ICCO						1C	12	Lighting Fixings at P&G Church	31/01/2014	-82.32		407.00	185.11	57.21	9.09%		
321		ICCO						1D	14	Loss of Profit & Overheads	31/01/2014	170,087.28		110,030.00	44,624.80	15,462.48	9.09%		
322	639	ICCO						1CD	15	Transfer of McNicholas TM to Infraco - To be Maintained as TT Instruction	31/01/2014	14,442.70		9,340.48	3,789.25	1,312.97	9.09%		
323		ICCO						1D	14	Additional Scottish Power Disconnections	31/01/2014	34,883.76		22,547.33	9,147.00	3,169.43	9.09%		
324	547	ICCO						1D	15	Provide Access for Third Parties	31/01/2014	1,069.37		691.59	280.56	97.22	9.09%		
327	741	ICCO						1D	14	Additional Node Markers	31/01/2014	15,108.93		9,771.00	3,863.90	1,373.49	9.09%		
328	693	ICCO						1D	14	CEC Modifications to Street Lighting	31/01/2014	12,002.38		7,762.26	3,148.99	1,091.13	9.09%		
329		ICCO						1D	14	Additional High Friction Surfacing at Haymarket H1 as instructed by CEC	31/01/2014	7,450.84		4,818.66	1,954.83	677.35	9.09%		
330		ICCO						1C	12	Adapt Wall	31/01/2014	-24,903.77		16,108.00	6,533.88	2,293.60	9.09%		
331		ICCO						1C	12	Surfacing Disruption	31/01/2014	85,048.64		55,000.00	22,312.40	7,731.24	9.09%		
332		ICCO						1C	12	Scoutmer	31/01/2014	230,468.26		149,050.00	60,496.60	20,951.06	9.09%		
333		ICCO						1C	12	Lining / HF Disruption	31/01/2014	10,205.24		6,600.00	2,677.49	927.75	9.08%		
334		ICCO						P&SOW	13	Surfacing Disruption & Late Costs	31/01/2014	170,087.28		110,000.00	44,624.80	15,462.48	9.09%		
TOTALS												10,154,791.29	4,970,981.09	1,653,828.98	54,514.72	2,010,881.20	1,464,585.30	14.42%	
															8,690,206.00				

Project: **Edinburgh Tram Network**

as per: **31/05/2014**



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
67	MONTH	3,868,299	75	2,104,989	1,993,122	-111,867	0	0	0	1,993,122	13/11/2013	13/11/2013	1,993,122
Nov-13	ACCUM	254,441,787		280,423,130	280,161,175	-261,955				280,161,175			280,161,175
68	MONTH	3,929,020	76/77	3,117,554	3,379,509	261,955	0	0	0	3,379,509	10/12/2013	10/12/2013	3,379,509
Dec-13	ACCUM	256,838,637		283,540,683	283,540,683	0				283,540,683	27/12/2013	27/12/2013	283,540,683
69	MONTH	3,288,733	76/77	0	0	0	0	0	0	0			0
Jan-14	ACCUM	257,730,520		283,540,683	283,540,683	0				283,540,683			283,540,683
70	MONTH	2,523,486	78	678,608	671,211	-7,396	0	0	0	671,211	05/02/2014	05/02/2014	671,211
Feb-14	ACCUM	259,362,123		284,219,291	284,211,895	-7,396				284,211,895			284,211,895
71	MONTH	9,525,030	79	653,069	660,366	7,296	0	0	0	660,366	05/03/2014	05/03/2014	660,366
Mar-14	ACCUM	267,255,550		284,872,360	284,872,260	-100				284,872,260			284,872,260
72	MONTH	8,587,295	80+81	-100	0	100	0	0	0	0			0
Apr-14	ACCUM	267,949,419		284,872,260	284,872,260	0				284,872,260			284,872,260
73	MONTH	2,536,874	82	24,822	24,822	0	0	0	0	24,822	28/05/2014	28/05/2014	24,822
May-14	ACCUM	269,792,424		284,897,082	284,897,082	0				284,897,082			284,897,082
												284,872,260	

Project: **Edinburgh Tram Network**

as per: **31/05/2014**



2.12 Safety Information System - SIS

Bilfinger Construction⁵ - Monthly Safety Report

Month	01/05/2014		Prepared by	[REDACTED]			Contact phone or email.	[REDACTED]@bilfinger.com
Site or office and Unit5	Bilfinger CO¹ Managers, Supervisors, Foremen	Bilfinger CO¹ workers	JV people under Bilfinger CO control	Sub-contractors³	Agency / hired people / Bilfinger SE workers eg BIS	Total	Others, eg public	
Number	15		34	22		71		
Hours ²	3200		6408	2734		12342		
Accidents in this month (if no accidents but a previous accident person is still away from work, write in calendar days lost but leave accident space clear)								
Fatal						0		
Serious: over 3 days injury						0		
Duty travelling / commuting 1D+						0		
LTI: 1 -3 days injury						0		
1st Aid only						0		
Calendar days lost this month + from any previous ongoing accidents						0		
Incidents								
Damage						0		
Environment Ecology / Pollution						0		
Not work related eg flood, bomb scare						0		
Near misses, hazards reported						0		
Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents, plus any work-related 'Health' incidents								
IP Name or incident location/Ref	Employer	Injury / Incident			date of acc / inc	Return to work date ⁴	Cal days lost this month. Max 30	

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

3.01 Overview of Contingencies

Estimated Risks from Risk & Opportunity Sheet / Top Sheet		estimated	used	reduced	remaining
		GBP	GBP	GBP	GBP
Contractual Risks					
01.	Drawings will be not provided by SDS on time	188,188		-188,188	0
02.	Changes in law affecting clause 84 of the contract	62,729		-62,729	0
03.	Taken risk on soft ground conditions	439,106		-439,106	0
Total Contractual Risks		690,024	0	-690,024	0
Design Risks					
04.	Assessed quantities not subcontracted at the time of tender submission	250,918		-250,918	0
05.	Her Majesty's Railway Inspectorate	21,955		-21,955	0
Total Design Risks		272,873	0	-272,873	0
Construction Risks					
06.	Programme risk on Sectional Completion Date A - LD's	12,546		-12,546	0
07.	Programme risk on Sectional Completion Date A - Site costs on Delay	6,273		-6,273	0
08.	Programme risk on Sectional Completion Date B - LD's	14,428		-14,428	0
09.	Programme risk on Sectional Completion Date B - Site costs on Delay	8,155		-8,155	0
10.	Programme risk on Sectional Completion Date C - LD's	183,484		-183,484	0
11.	Programme risk on Sectional Completion Date C - Site costs on Delay	94,094		-94,094	0
12.	Programme risk on Sectional Completion Date D - LD's	231,472		-231,472	0
13.	Programme risk on Sectional Completion Date D - Site costs on Delay	28,228		-28,228	0
14.	Network Rail requesting additional protection measures for temporary works	62,729		-62,729	0
15.	Network Rail causing additional possessions and engineering hours	62,729		-62,729	0
16.	Limits exceeding pollution	6,273		-6,273	0
17.	Clients interpretation of Code of Construction Practice	62,729		-62,729	0
18.	Power cables for street lighting between substations and user	7,528		-7,528	0
19.	Additional works to be carried out under Network Rail License	301,101		-301,101	0
Total Construction Risks		1,081,770	0	-1,081,770	0
Commercial Risks					
20.	Non payment by the client for to be continued works	627,295		-627,295	0
21.	Interfaces Subcontractors not covered	501,836		-501,836	0
22.	Interfaces Siemens not covered	940,942		-940,942	0
23.	Insurance deductibles	9,409		-9,409	0
24.	Subcontractor insolvency	313,647		-313,647	0
25.	Defects Liability	602,203		-602,203	0
Total Commercial Risks		2,995,333	0	-2,995,332	0
Other Risks					
				0	0
				0	0
				0	0
				0	0
Total Other Risks		0	0	0	0
Total Values		5,040,000	-	- 5,039,999	- 0