



EDINBURGH TRAM NETWORK

Monthly Project Report March 2014



Monthly Report Major Projects

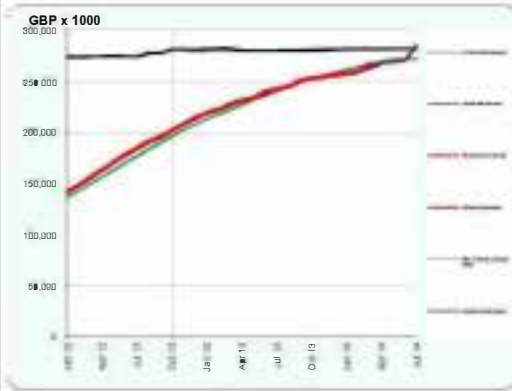
Project: Edinburgh Tram Network

Reporting Period: March 2014

TABLE OF CONTENTS

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

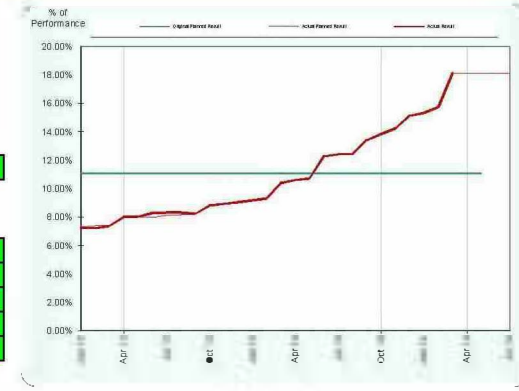
1.01 Project Overview Charts



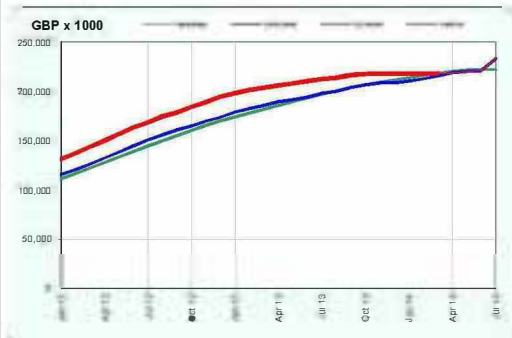
Performance

	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	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		266,869	263,231	267,256	101.5%	green
Actual Cost to Date				218,783	100.0%	green
Result	11.07%	7.23%	18.14%	18.14%	10.9%	green
Payment Status		266,869	284,871	284,872	100.0%	green
Av.Perf/mth: Rem. & act. 3mth			551	3,472		green

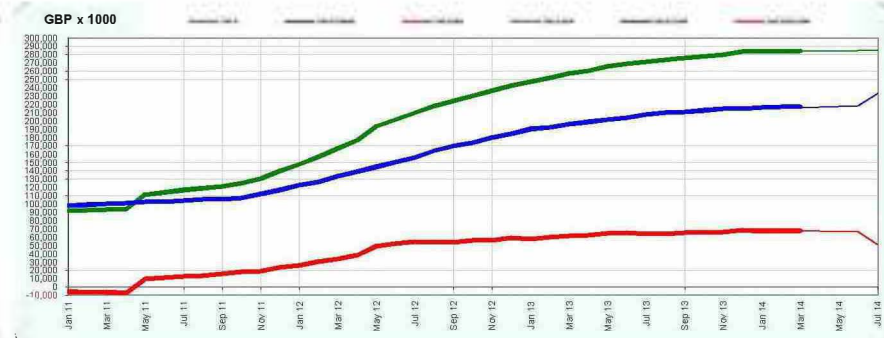
Project Key Figures



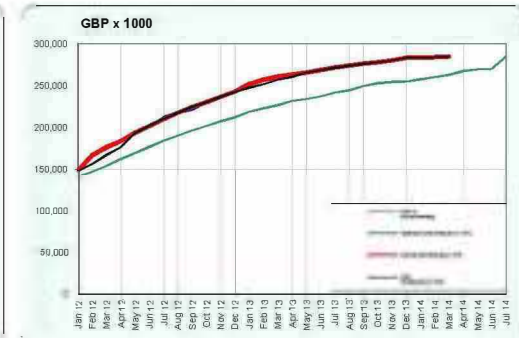
Project Result



Project Cost



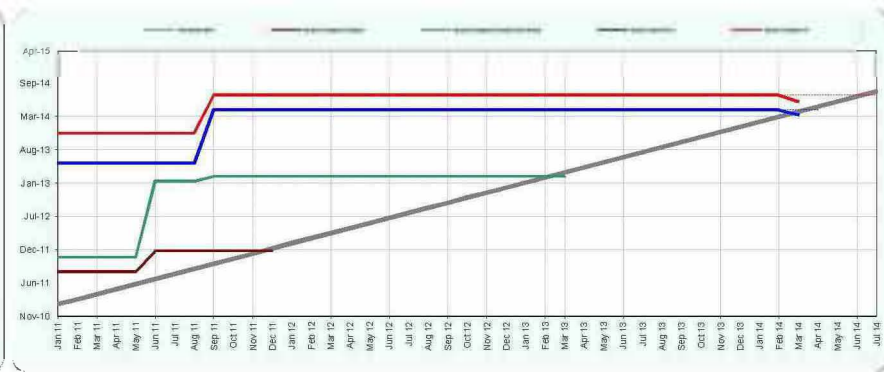
Cashflow



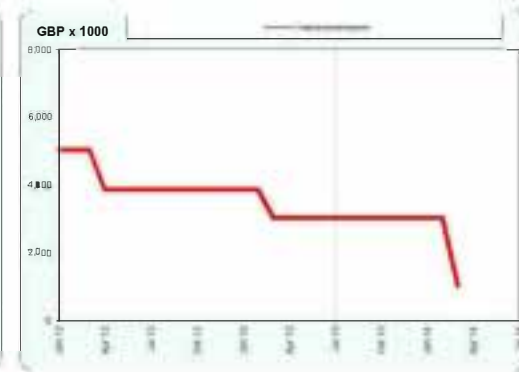
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev5)



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:	£7,893,427
Planned performance:	<u>£3,868,418</u>
Variance:	£4,025,009

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:	£48,472,948	or	18.14%
Forecast/planned result:	£51,679,649	or	18.14%
Weighted margin out of R&O:	£53,036,546	or	18.62%

1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£284,872,260
Paid net from the client:	<u>£284,872,260</u>
Variance	£0

1.2.5 Cashflow

The ETN project cash position will go down from April on as planned since the contract value was paid nearly 100% to date (minor prelims payment of £ 25k outstanding).

Cash in net:	£285,923,600	(incl. interest income)
Cash out net:	£217,545,002	
Cash balance net:	£68,378,598	

1.2.6 Contingencies

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

£1,031,640 (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 -	12 March 2014
Sectional D Completion Date:	08 July 2014	- Planned -	30 May 2014

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

Sectional B1 Completion Date:	20 December 2013	- Achieved -
-------------------------------	-------------------------	--------------

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 ongoing.</p> <p><u>Construction :</u> Civil works completed. Snagging to be carried out and finished until end of April.</p> <p><u>Contract :</u> Settlement Agreement signed on 15th September 2011 which defines new contractual arrangements for the Off Street Works and On Street Works up to York Place (retrunked line) with a revised Contract Amount of £ 271.542.291.</p> <p>The Settlement Agreement is based on Programme Rev. 4 (approved) and the commercial implications of this change (Rev. 3A to Rev. 4) have been regulated by a Change Order. Programme Rev. 5 has been agreed without commercial impact compared to Rev. 4.</p> <p>During the month 1 new Change Order was issued. The Variation Order value decreased by £2,458 to £10,154,791 in total.</p>		
1.3.2	Significant extraordinary events		
	Date	Description	Remarks
	12/03/2014	Sectional Completion Date C	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 (see list "2.08b Unapproved Changes").		

Project: **Edinburgh Tram Network**

as per: **31/03/2014**



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	30-May-14	1,049 days	
	Share: 100%	Total excl. Site Removal	38.0 month	72.5 month	190.6 %	
Currency:	GBP Rp. (all amounts without V.A.T.)	Expired construction time	70.5 month	70.5 month	97.3 %	
Rate of Exchange Top Sheet:	1 GBP = 1.11 EUR Actual: 1.19 EUR	Performance to date	267,255,550 GBP		93.8 %	

2. Total Contract Value		Date of Contract	Total Previous Month	March 2014	Total Reporting Month
Main Contract Value with Client (Rev 4)	271,542,291 (incl. SDS NovaAgree)	100.00%	281,699,541	103.7%	-2,458
Other Contract Value with Client (Phase 1b)			3,200,000	1.2%	0
			284,899,541	104.9%	-2,458
					284,897,082
					104.9%

3. Claims and Variations		Total Previous Month	March 2014	Total Reporting Month
Claims and Variations approved		10,157,250	3.7%	-2,458
Claims and Variations submitted but not approved yet		8,094	0.0%	-8,094
Claims and Variations under preparation		0	0.0%	0
				10,154,791
				3.7%

4a. Performance		Total Previous Month	March 2014	Total Reporting Month
Performance for Actual Contract Value with Client		259,362,123	92.07%	7,893,427
Performance for 3rd Parties (without interest)		0	0.00%	0
Total Performance to Date		259,362,123	91.04%	7,893,427
Remaining Performance to Date		25,537,417	8.96%	17,641,532
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		259,362,123	92.07%	3,868,418
				263,230,541
				93.44%

4b. Cost		Total Previous Month	March 2014	Total Reporting Month
Actual Cost at Reporting Date		218,509,723	76.70%	272,879
				218,782,602
				76.79%

5. Result		Date of Contract	Total Previous Month	March 2014	Total Reporting Month
Planned Result for Contract with Client (revised evaluation)	19,632,508	7.23%	51,679,649	18.35%	0
Actual Result at Reporting Date			40,852,400	15.75%	7,620,548
Forecast Result at the End of Contract			44,894,526	15.76%	6,798,299
Weighted Result at the End of Contract (Likely Case)			46,686,619	16.39%	6,349,926
					53,036,546
					18.62%

6. Invoices, Payment and Bank account		Total Previous Month	March 2014	Total Reporting Month
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	284,219,291
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	284,211,895
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	284,211,895
Cash in from 3rd Parties - excl. VAT		0	0.00%	0
Interest income		1,045,473	0.40%	5,867
Cash out (excl. VAT)		217,524,322	76.35%	20,681
Net Liquidity	credittine	0	0%	67,733,046
				645,552
				68,378,598
				24.00%

7. Subcontractor Work (incl. Design)		Total Previous Month	March 2014	Total Reporting Month
Total Portion of Subcontractor Budget (first evaluation)	186,628,491 (incl. SDS)	68.73%	190,654,655	66.92%
Total Amount of signed Subcontracts incl. approved Variation Order			0	0.00%
Total Subcontractor Result to date			0	0.00%
Actual Subcontractor Costs to date (incl. Accruals)			0	0.00%
Therefrom invoiced to date			0	0.00%
				0
				0

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	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	589	
	1,574	7,266	2,427	1,649	
2009	2,056	7,720	6,654	932	
37,734	1,937	5,930	2,603	14,472	
	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	12,833,144 45.74%
Total Performance and Result	
Performance	284,897,082 100.0%
Result	51,692,825 18.14%

Edinburgh, 09/04/2014

Edinburgh, 09/04/2014

Place and Date [Signature] Project Director

Place and Date [Signature] 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	284,897	284,897	284,897	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-233,217	-233,217	-233,217
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	1,032	774	516
5.2					5.2	Interest Income	18	9	0
5.3					5.3	Saving on Finishing/Rectification Works	450	250	0
5.4					5.4	Saving on Administration/Demobilisation	474	274	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	2,074	1,357	516
6 =1+3+4+5	Forecast Final Revenue	284,897	284,897	284,897	6 =1+3+4+5	Forecast Final Costs	-231,143	-231,861	-232,702

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	284,897		
	Costs	-231,143		
	Result	53,754		
% 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		-231,861	
	Result		53,037	
% Gross Margin based on Revenue Likely Case	Revenue: 284,897		18.62%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			284,897
	Costs			-232,702
	Result			52,195
% Gross Margin based on Revenue Worst Case	Revenue: 284,897			18.32%
Gross Margin previous month (most likely case)		16.83%	16.39%	16.24%

Project: **Edinburgh Tram Network**
as per: **31/03/2014**



2.01 Cost Reconciliation Sheet

see following pages

Project: GB-2006-1001JE69 Edinburgh Tram Network 2014-03
Reporting Month: 71. Report Period, 31/03/2014

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 QxDJC-Rate 9	Variance to Date 10=9-5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 16	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCT AQty. 19	% Complete 20=9/19	Cost to Complete (AQ-IC) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
Total Cost incl. Prime Cost Sums		218,085,100	697,502	218,782,602	218,081,621		-700,981	218,775,008	-7,594	272,877	343,459	70,581	251,909,780	251,909,780	8,690,206		260,599,986	233,217,433	93.8 %	14,442,425	233,225,027	27,374,959	-747,311
Prime Cost Sums 0 / 0																							
Total Cost without Prime Cost Sums		218,085,100	697,502	218,782,602	218,081,621		-700,981	218,775,008	-7,594				251,909,780	251,909,780	8,690,206		260,599,986	233,217,433		14,442,425	233,225,027		

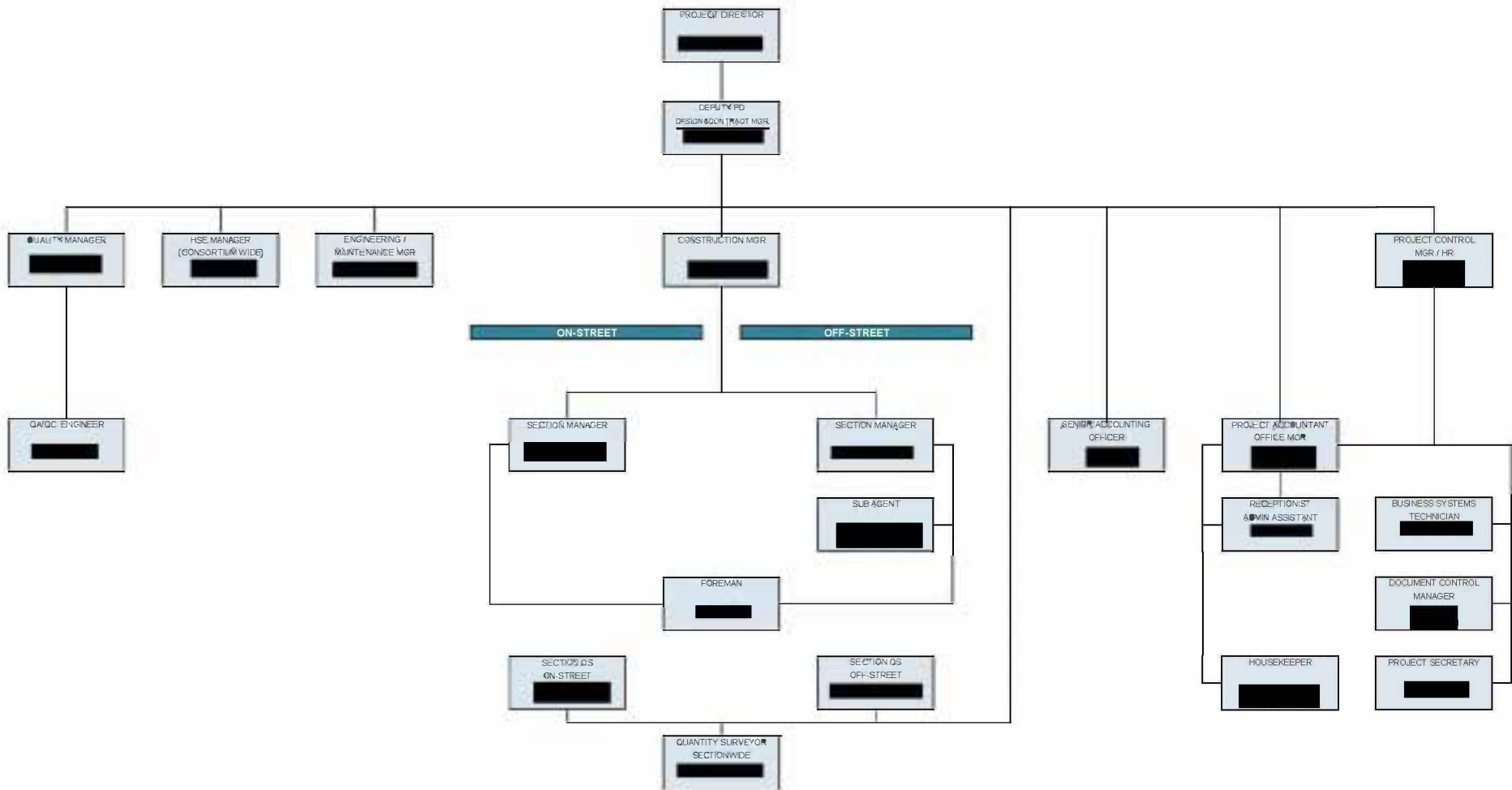
REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 1.2216, PFB = 1.0932)

Total Cost without Prime Cost Sums		218,782,602	218,081,621			218,775,008			251,909,780	251,909,780	8,690,206		260,599,986	233,217,433		233,225,027
Gross Margin			20,325,207			48,480,542			19,632,511	19,632,511	4,664,585.00		24,297,096	51,679,649		51,672,055
Gross Margin in % of Performance			8.53 %			18.14 %			7.23 %	7.23 %	34.93 %		8.53 %	18.14 %		18.14 %
Performance without Prime Cost Sums			238,406,828			267,255,550			271,542,291	271,542,291	13,354,791		284,897,082	284,897,082		284,897,082
Actual Cost to date			218,782,602			218,782,602										
Gross Margin to date			19,624,226			48,472,948										
Gross Margin to date in % of Performance			8.23 %			18.14 %										
Performance Prime Cost Sums																
Total Performance			238,406,828			267,255,550			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 = 1.2216, PFB = 1.0932)

Total Cost without Prime Cost Sums			218,081,621			218,775,008			251,909,780	251,909,780	8,690,206		260,599,986	233,217,433		233,225,027
Gross Margin			20,325,207			48,480,542			19,632,511	19,632,511	4,664,585.00		24,297,096	51,679,649		51,672,055
Gross Margin in % of Performance			8.53 %			18.14 %			7.23 %	7.23 %	34.93 %		8.53 %	18.14 %		18.14 %
valued Performance without Prime Cost Sums			238,406,828			267,255,550			271,542,291	271,542,291	13,354,791		284,897,082	284,897,082		284,897,082
Actual Cost to date			218,782,602			218,782,602										
Gross Margin to date			19,624,226.00			48,472,948										
Gross Margin to date in % of Performance			8.23 %			18.14 %										
Performance Prime Cost Sums (incl. valued performance)																
Total Performance (incl. valued performance)			238,406,828			267,255,550			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%)																

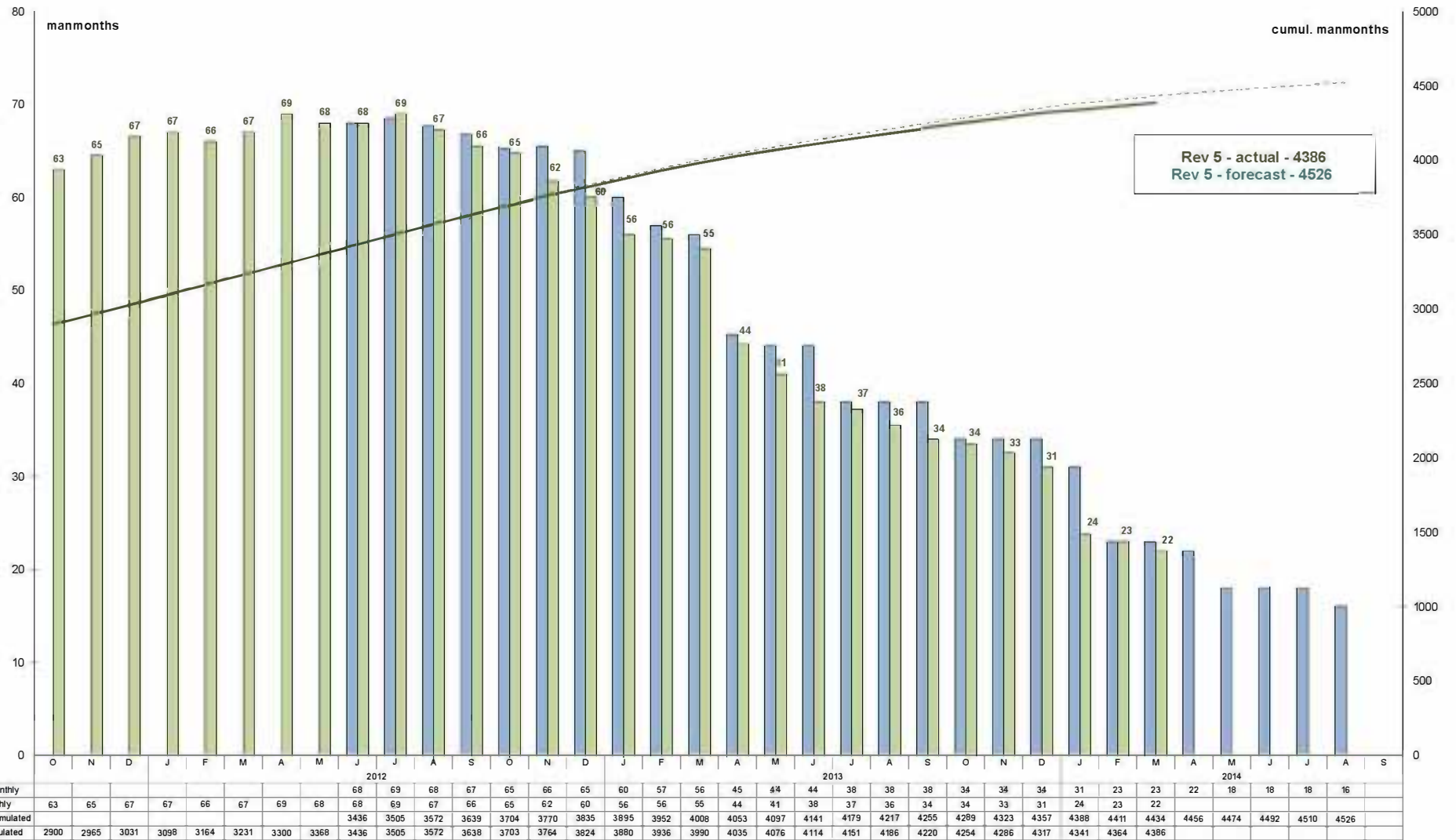


**EDINBURGH TRAM NETWORK
 CIVIL WORKS TEAM**

Rev73

01/03/2014

2.06 Staff Chart



2.08a Approved Change Orders

PRC	SIC	SIS	SOP	Design	DET	SOP/TP	SUN/8	Section/Activity	Description	Reference	Revenue	Job Estimate Budgets					Remarks			
												BCP	Design	Construction	Professional	Margin		Margin (%)		
	501	502						1A	66	Additional Cycle Path at Lindsay Road - Ha. traverse	26/10/2011	20,021.00		14,841.36		3,359.65	1,020.09	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	OLE temporary points at Depot Access Bridge to allow	01/12/2011	16,998.40		12,687.40		2,849.33	1,543.67	9.09%		
	504	506						1C	66	Inclusion of Eberheim Place redesign (for TPO) within Fidelity Place	26/10/2011	46,247.00		34,262.43		7,760.30	4,204.27	9.09%		
	505	513						1C	66.12	Revision of TPO terms of reference to include	29/11/2011	228,852.00		169,498.00		38,368.94	20,786.82	9.09%		
	506	503A						1C	66	Princes St- new cycle way from The Mound into Princes Street	26/10/2011	11,105.64		8,232.50		1,086.54	1,086.54	9.09%		
	517	504D						1C	66	St Andrew Square Public Realm Design Finalisation	18/12/2013	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	233,595.67		173,162.10		39,197.60	21,235.97	9.09%		
	520	553						63	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%		
	511	511						5C	66.63	Allow for storm water connection from Gogar Lodge to landowners new	22/11/2011	5,750.46		3,448.00		822.76	964.93	522.77	9.09%	
	512	505A						1A	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%		
	508	507						7A	66	New Road Safety Audit to achieve BAA/EAL approval	26/10/2011	10,025.00		7,431.43		1,682.21	911.36	9.09%		
	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%		
	514	554						SWON	15	Utility mapping	29/02/2012	92,756.07		68,759.13		15,564.57	8,432.37	9.09%		
	518	565						58	58	Additional watermain requirement at Depot and Mini test track	26/04/2012	51,281.72		38,014.62		8,805.13	4,661.97	9.09%		
	517	539						63	63	Additional ST Blucts at Depot and Mini Test track	16/01/2012	2,996.00		2,220.90		502.73	272.36	9.09%		
	524	586						02.66	66	NIL Design Finalisation	16/07/2012	-40,559.19		3,784.50		33,850.82	6,605.88	3,687.20	9.09%	
	539	529						SW	SW	Programme Rev 3A/4	21/12/2011	2,851,900.00	2,356,942.15				494,957.85	17.36%		
	541	611A						1D	13	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%		
	529	524A						OH	66.7	Redesign Gogar Castle Access Road	17/11/2012	31,308.00		23,208.30		5,253.52	2,846.18	9.09%		
	530	525						OH	66	Depot Access Road Turning Head	16/12/2011	30,458.40		22,578.50		5,110.95	2,768.95	9.09%		
	576	543						5C	63	Reinstatement 250mm Watermain	26/04/2012	36,787.81		27,270.43		6,173.82	3,344.35	9.09%		
	526	518						63	63	Tram Delivery Temporary Works	12/12/2011	6,878.44		5,098.92		1,154.21	625.31	9.09%		
	544	512						OH	64	Extension to Edinburgh Park Office to accommodate CEO/transport	22/11/2011	159,900.00		139,043.40		6,308.24	14,536.36	9.09%		
	534	556						5ABC	54	Scottish Power Insurance Ducts	01/05/2012	5,636.59		4,178.35		945.83	512.42	9.09%		
	540	509A						54.66	66	Amendment to lands capping scope at plot 3/14 section 7	01/02/2012	-201,120.00		3,768.00		152,858.21	33,748.15	18,283.64	9.09%	
	555,557,562	521D						OH	66	Siemens OLE design update	10/04/2013	108,859.04		80,718.34		16,271.70	9,899.00	9.09%		
	566	535B						OH	66	On-Street design changes due to utilities conflicts	07/10/2013	53,321.00		39,525.32		5,947.82	4,847.36	9.09%		
	568	537B						OH	66	On-Street Design Changes due to trackform conflicts	18/09/2013	8,670.83		6,575.26		1,488.40	805.37	9.09%		
	563	516E						OH	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%		
	567,778,800	536E						2A	61.66	On-Street drainage design changes due to utilities conflicts	31/07/2013	215,029.86		112,559.67		46,839.61	36,082.21	19,548.15	9.09%	
	558	522A						OH	65	Provision of CAD Technician	03/02/2012	1,693.00		1,255.00		284.00	153.91	9.09%		
	569	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%		
	565	533C						OH	66	Advanced design Edinburgh Gateway - Minimum Option	26/09/2012	5,949.89		4,410.00		998.26	540.83	9.09%		
	565	534						OH	66	On-Street design of circular pile caps	09/12/2012								Regulated under PMCO54	
	569	538						OH	64	Running costs with the CEC office extension at Edinburgh Park	12/11/2012	79,220.00		68,886.96		3,131.22	7,201.82	9.09%		
	561	528						1A	31	Value Engineering Forth Point Section 1A	21/12/2011	-2,443,000.00		2,220,909.09			232,090.91	9.09%		
	572	540A						OH	66	Cathedral Lane Substation Design	18/01/2012	34,458.89		25,544.00		5,782.23	3,132.62	9.09%		
	574	542A						2A	61	Heymarket Viaduct delete parts of cladding	16/07/2012	-5,571.34		4,055.13		1,009.72	508.49	9.09%		
	571A	573C						1D	66	Home Street reinstatement	20/03/2013	13,639.74		10,111.60		2,288.76	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 (%)	Notes	
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						SW ON	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						SW ON	66	Revised Set Locations and new Set Specification	13/09/2012	15,512.15		11,499.00	2,602.98	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 descoppe	24/04/2013	-2,156,490.88		1,960,445.80	0.00	196,044.88	9.09%		
81	582	549						5A	81	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						SW ON	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		1,600.00	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	2,532.96	9.09%		
91	574	574						1A	21	Ongoing Traffic Management	12/05/2012	133,140.45		98,615.66	2,2341.11	12,103.68	9.09%		
92	595	566						2A	61	Deletion of crew relief facilities	08/05/2012	-74,001.12		54,858.28	12,4174.7	6,727.37	9.09%		
92	616	567						2A	61	Crew relief wall construction to close void beneath Haymarket Viaduct	06/05/2012	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 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	-6,153.73		4,561.70	1,032.60	559.43	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		27,317.58	6,183.71	3,350.13	9.09%		
98	644	581								Withdrawn									
102	612	667						SW ON		Stops, branding change - On Street	18/05/2013								
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		4,5784.4	1,036.39	561.46	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	1,867.15		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	6,423.88		4,761.96	1,077.83	583.99	9.09%		
124	635A	571B						5C	54,66	Twin Crossings at Lochside Avenue	05/02/2013	29,051.92	8,226.43	13,308.46	4,874.84	2,641.08	9.09%		
133	669	622						7A	62	SGN Remedial works- Backfill at New Ingleston	18/12/2012	16,063.95		11,903.04	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	270,248.38	9.09%		
150	647C	577F						1C	66	Design on street works carriage way reconstruction	09/01/2013	27,577.43		20,517.00	4,844.30	2,516.13	9.09%		
151	648	573A						1CD	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	34,941.80		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	548.93	297.39	9.09%		
169	682	590A						7A	62,66	Topographical Survey	11/12/2012	2,586.95		1,478.00	436.69	434.09	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	2,398.79	1,300.12	9.09%		
171	686	595						1C	12	York Place, De-scope of Works	12/07/2012	-1,015,155.90		868,815.09		48,340.71	4.76%		
172	719	627D						SW	60, 15, 54, 61, 62	Review of potential adverse impact to Construction works May need to be managed - CI 60 / Sln 45	13/01/2014	13,469.10		10,163.00	89,681.40	22,801.14	12,244.65	9.09%	
173	666	593A						5A	61	Scottish Rail Pedestrian Access Gate	18/12/2012	4,905.64		3,836.50	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								

2.08a Approved Change Orders

PRC	SIC	RIS	BOF	Design	EST	EST/13	EST/14	Section/Activity	Description	Reference	Revenue	Job Estimate Budgets					New jobs
												BOF	Design	Construction	Procurement	Margin	
192	675	648						5A 61	Scotrail Depot-Scottish Water meter works	21/02/2013	12,507.35		9,271.57	2,098.75	1,137.03	9.09%	
195	684	621						25	Repairs to damaged utility cover slabs	23/10/2012	938.27		695.53	157.44	85.30	9.09%	
196	725	631B						ON 66	On Street Provision of DWG drawings - Drainage	28/02/2014	3,151.26	2,338.00		528.74	286.48	9.09%	
197	685	603A						1A 66	Design and As Built Information Lindsay Road	20/11/2012	7,090.34	5,256.00		1,189.77	644.58	9.09%	
199	690	606A						2A 61	Investigate existing works at the upper end of the West Shunt line within the Haymarket Depot	23/10/2012	76,413.27		56,644.38	12,822.23	6,946.66	9.09%	
203	664 750	591A 649						5C 62	Signal works Access Road - 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 - investigate and amend design of Cathedral Lane Retaining Wall	20/03/2013	46,568.83	34,521.00		7,814.30	4,233.53	9.08%	
207	672	608C						ON 66	Review and amend design for On Street Drainage	16/05/2013	17,980.00	13,328.38		3,017.06	1,834.55	9.09%	
208		620						SW	Cost Engineering in respect of the Programme	18/10/2012	3,162,987.12	2,614,038.94			548,948.18	17.36%	
212	704	612A						1C 66	Callagway Road construction - redesign of St Andrew Square	20/03/2013	9,206.93	6,825.00		1,544.93	836.99	9.09%	
213	689	606E						ON 66	On Street Road Sign Bases, Traffic Column, Traffic Signal Poles, Ducting and Chambers (TPE 2s) - DESIGN	22/01/2014	27,743.00	65,042.99		14,723.37	7,976.64	9.09%	
214	683	604A						T 62	Trial hole to locate Scottish Water Pipe at Gogarburn	29/01/2013	3,348.06		2,481.88	561.81	304.37	9.09%	
215	701B	614E						T 62.66	Reinstatement works at the Airport	01/10/2013	34,725.96	26,742.00		5,827.05	3,156.91	9.09%	
216	702	615A						T 62	Eastfield Avenue pedestrian crossing provide and install STRAIL panels	18/01/2013	4,801.83		1,619.00	2,746.30	436.53	9.09%	
217	695	613A						T 62	Tanker Access North of BCR exit at Burnside Road - temporary road surface and install kerbs at Edinburgh Airport	14/03/2013	1,445.47		1,071.51	242.55	131.41	9.09%	
224		630B						1C 12	Construction of Cathedral Lane Substation and Retaining Walls	13/01/2014	365,643.91		271,048.12	61,355.44	33,240.36	9.09%	
226	696	646						T 66	SGN As Built drawings between Ingliston and Eastfield Avenue	05/03/2013	3,414.32	2,531.00		572.93	310.39	9.09%	
228	713	639						2A 61	Haymarket/18 Network Rail Encroachment into LOD	08/02/2013	117,348.89		86,988.06	19,690.93	10,687.90	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	6,888.30	3,718.31	9.09%	
232	714	640A						5B 54.66	Edinburgh Park Central Lighting - Design	27/02/2013	12,077.64	2,568.00	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	3,265.93	2,421.00		548.03	296.90	9.09%	
236	723	641						1CD 71	Road Safety Audit Princes Street	18/02/2013	674.50		500.00	113.18	61.32	9.09%	
243	726	637A						2A 61	Deletion of Murrayfield Thistle	04/02/2013	-6,120.10		4,900.00	669.73	558.77	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	-37,869.84		28,972.53	6,354.60	3,442.71	9.09%	
253	732	673						5A 61	Roseburn Street Pavement Construction	18/08/2013	-12,544.14		9,042.64	2,361.12	1,140.38	9.09%	
254	753	650A						2A 58.66	Additional Retaining Walls adjacent to Haymarket Scotrail Depot	09/09/2013	350,502.53	54,389.00	205,435.97	58,814.70	31,863.87	9.09%	
259	759	656						T 62	Re-grading works at Eastfield Avenue	05/03/2013	23,345.11		17,305.49	3,817.33	2,122.28	9.09%	
261	744	638A						5B 54	Demok Khove Golf Course Drainage	20/08/2013							
262	736	642A						1D 66	Amendment to road markings at Sandwick Place	10/07/2013	5,372.77	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	86,907.38		64,429.56	14,883.15	7,900.67	9.09%	
266	751	653A						T 62	Removal of Gogarburn hoarding	18/04/2013	2,468.10		1,839.58	414.15	224.37	9.09%	
267	752	664A						T 62	Handrail at Gogarburn Tram Stop ramp	18/04/2013	1,510.88		1,120.00	253.63	137.85	9.09%	
271	746	643						5B 61	Installation of vibro prism at Murrayfield Tram stop	04/03/2013							
272	755	652A						5C 62	Relocation of signage at Gogarburn Tram Stop	07/05/2013	582.67		431.93	97.77	52.97	9.09%	
273	758	676						2A 61	Haymarket Terrace - High Friction Surface Descope	25/07/2013	-19,447.55		11,210.00	6,469.59	1,767.96	9.08%	
NN	754	651B						OFF 54.66	Additional lighting and bonding to demarcation fencing	31/07/2013	48,069.71		35,633.59	8,066.15	4,369.97	9.09%	Budget transfer as the item is not in the current budget
278	785	658E						OFF 61.66	Fencing requirements to Network Rail corridor	28/11/2013	92,048.69	5,828.00	62,408.31	15,445.77	8,368.01	9.09%	
283	771	665A						SW 66.71	Undertake analysis of the DIKE of the CAF tram in accordance with technical information provided by CAF	19/08/2013	36,180.14	19,120.00	7,700.00	6,071.07	3,289.11	9.09%	

2.08a Approved Change Orders

PRC	SIC	RIS	RDF	Design	EST	EST/13	EST/14	Section/Activity	Description	Reference	Revenue	Job Estimate Budgets					New jobs		
												ICP	Design	Construction	Provisional	Margin		Margin (%)	
286	770	675						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	1,842.56	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	4,290.8	2324.6	9.09%			
293	778	683						5A	61.66	Scottish 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 water main descoper	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	29,914.08	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	34,695.17	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	847.17	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		6,365.94		638.59	9.09%		
325	805	684A						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	686A						5B	54	Gyle Hedge Descoper	22/01/2014	-2,200.00		163.08	369.2	2.00	9.09%		
344	821	709						1D	14	Descoper of Roseberry Crescent Bulldozers	12/03/2014	-2,457.65		1,821.83	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	18,699.57	75,740.27	26,243.88	9.09%			
28	521	ICCO						1D	14	Provide temporary accommodation and Welfare facilities	31/01/2014	1,768.57	1,143.78	464.01	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	2,037.61	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	24,876.21	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		24,197.37	9,816.39	3,401.38	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		187,536.58	76,079.43	26,361.50	9.09%		
43	551	ICCO						PSOW	13	Xmas Embargo defrob and temp reinstatement	31/01/2014	233,267.69		150,860.47	61,201.07	21,206.15	9.09%		
52	554	ICCO						1CD	15	PMC 52 On Street Early Implementation of TM Phase 4 & 5	31/01/2014	469,105.86		303,389.33	123,076.54	42,645.99	9.09%		
55	564	ICCO						1CD	15	Traffic Management Design	31/01/2014	10,792.81		6,980.00	2,831.65	116	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	9,660.65	3,347.41	9.09%		
69	598	ICCO						1D	14	PMC 69 - Protective 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	63,378.66	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	63,354.57		40,973.10	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 scopesplit	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	43,040.88		27,835.68	11,292.38	3,912.81	9.09%		
88a	584	ICCO						1CD	12	Residual Road Value Engineering 1C	31/01/2014	83,328.31		53,889.36	21,861.83	7,575.12	9.09%		

2.08a Approved Change Orders

PRC	SIC	RCD	BOF	Design	EST	EST/17	EVAL	Section/Activity	Description	Reference	Revenue	Job Estimate Budgets					New jobs	
												BOF	Design	Construction	Provisional	Margin		Margin (%)
88b	584	ICCO						1CD	14	Residual Road Value Engineering 1D	31/01/2014	-383,369.97		247,927.23	100,579.11	34,850.63	9.09%	
88c	584	ICCO						1CD	12	YP Footpath De-scope	31/01/2014	-86,031.89		55,839.00	22,571.83	7,821.06	9.09%	
88d	584	ICCO						1CD	12	SAS Footpath De-scope	31/01/2014	-86,469.23		55,921.32	22,886.16	7,880.75	9.09%	
88e	584	ICCO						1CD	14	Carnegie Way Value Engineering Add Payment	31/01/2014	194,624.88		100,000.00	40,568.00	14,056.80	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	3,492.53	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	2,153.48	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	925.86	9.09%	
104	614	ICCO						SM	15	11C 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		22,516.43	9,134.46	3,185.09	9.09%	
109	600	ICCO						1CD	13	Re-proving and clearing of Chambers / ducts	31/01/2014	26,455.24		17,109.31	6,840.90	2,405.02	9.09%	
110	600	ICCO						1CD	13	Duct Chamber Bedding Detail Drawing Change	31/01/2014	21,628.16		13,987.51	5,674.45	1,968.20	9.09%	
114a	611	ICCO						1D	14	Excavation by others - 1D	31/01/2014	-78,309.73		50,845.00	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 Leith Road junction for TT by A100	31/01/2014	12,842.56		8,305.63	3,268.43	1,187.51	9.09%	
127	630	ICCO						1D	14	1D Utilities affecting ability to install System Ducting through S2 (South of East)	31/01/2014	19,811.44		12,812.57	5,197.80	1,801.04	9.09%	
128	598	ICCO						1D	14	1D Remove and Reinstall 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	5,187.40		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	7,655.7		495.31	200.94	69.62	9.09%	
132	543	ICCO						1D	14	1D Transfer plant and materials back to H2 from S4 to reconfirm works to OHLE bases. Situated for T&T	31/01/2014	1,217.63		787.47	319.46	110.69	9.09%	
133	570	ICCO						1D	14	1D Excavate Trial Holes in locations of tie ups through Shandwick 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, narrow and reinstated 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	7,342.74		4,748.73	1,826.46	667.52	9.09%	
144a	639	ICCO						1C	15	York Place Closure - Design, Enabling and Ongoing Maintenance - Logistics	31/01/2014	98,561.96		63,742.66	25,859.12	8,960.18	9.09%	
144b	639	ICCO						1C	15	York Place Closure - Design, Enabling and Ongoing Maintenance - TM	31/01/2014	148,710.26		94,881.46	38,491.51	13,337.30	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	93,954.69		60,569.00	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 collapse ducts	31/01/2014	5,979.99		3,867.42	1,568.93	543.64	9.09%	
159	629	ICCO						1D	14	1D Exposing of the connecting cables and traction duct excavations in H1, H2 & H3	31/01/2014	16,154.55		10,447.58	4,298.37	1,488.60	9.09%	
160	547	ICCO						1D	14	1D Utilities are affecting the working spaces of all OHLE 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 - Watermain Ducting	31/01/2014	15,462.48		10,000.00	4,056.80	1,405.88	9.09%	
163	645	ICCO						PSOW	13	PSOW - Additional GLE 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	4,965.51	1,720.89	9.09%	
166	600	ICCO						PSOW	13	Water Valve	31/01/2014	517.07		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	INC	RCD	RDF	Design	DET	RMB/TP	RUM/TP	Section/Activity	Description	Reference	Revised	Job Estimate Budgets					Revised
												ICP	Design	Construction	Professional	Margin	
176	658	ICCO						SW 15	TNC 660 Princes St TM	31/01/2014	4,802.82		3,108.11	1,260.89	436.62	9.09%	
178	642	ICCO						1C 12	YP Tramstop Associated Works	31/01/2014	99,182.53		64,144.00	26,021.94	9,016.59	9.09%	
179a		ICCO						1C 12	Type 2 Civil De-scope	31/01/2014	-132,201.49		85,498.25	34,664.93	12,018.32	9.09%	
179b	682	ICCO						1D 14	Revised scope of street lighting, road signs & traffic signals	31/01/2014	-482,313.63		311,928.15	126,541.78	43,846.69	9.09%	
180	680	ICCO						SW 15	Review of single bus lane running west to east through Coates Crescent on 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	9,956.67	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 (bus lane plus) TNC 665	31/01/2014	5,547.16		3,587.50	1,455.38	504.29	9.09%	
185a	656	ICCO						1D 14	Shandwick Walls and Patis	31/01/2014	216,474.73		140,000.01	56,785.20	19,679.52	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	1,370.89	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	PN 43 Investigation	31/01/2014	1,133.51		733.07	297.39	103.05	9.09%	
191	638	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-Slope	31/01/2014	-49,940.22		32,297.68	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	3,911.56		2,529.71	1,026.25	355.60	9.09%	
218	699	ICCO						SW 15	TNC 699 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	1,801.62	9.09%	
222	757	ICCO						SW 15	TNC 707A TM Apple Store Site	31/01/2014	2,348.19		1,518.64	616.05	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		1,760.84	714.34	247.62	9.09%	
233	594	ICCO						1CD 12	Frictioning De-scope	31/01/2014	-9,031.63		5,841.00	2,369.65	821.06	9.09%	
237	594	ICCO						1CD 15	Tracking and Modelling CEC request	31/01/2014	6,904.00		4,465.00	1,811.86	627.64	9.09%	
238	676	ICCO						1C 12	Making Manhole shutters and enrobbed	31/01/2014	114,530.59		74,070.00	30,548.71	10,411.87	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	22,921.19		14,823.75	6,013.70	2,093.74	9.09%	
246	729	ICCO						1CD 12	Princes St/South St Andrew St - Traffic Light Alterations	31/01/2014	4,061.69		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%	
251	735	ICCO						1D 14	Queen's ferry street / Lothian 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	285,264.19		184,498.00	74,843.00	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	DET	RMB/TD	RUM/R	Section/Activity	Description	Reference	Revenue	Job Estimate Budgets					Benefits	
												BCP	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 copes at P&G Transitop	31/01/2014	1,799.83		1,184.00	472.21	163.62	9.09%	
285	749	ICCO					✓	1D	14	Footway Works outside Haymarket Station	31/01/2014	16,047.75		10,378.51	4,210.35	1,451.89	9.09%	
288	756	ICCO					✓	1D	14	Widening of temp Ped walkway at Haymarket	31/01/2014	2,150.71		1,390.92	584.27	195.62	9.09%	
274	766	ICCO					✓	1D	12	Additional cost of decofood lighting	31/01/2014	23,187.53		14,996.00	6,083.68	2,107.96	9.09%	
277	761	ICCO					✓	1C	12	Re-Scopa of Road Markings St Andrew Square	31/01/2014	6,786.34		4,388.91	1,780.49	616.94	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 MP Track	31/01/2014	-24,739.97		16,000.00	6,498.83	2,248.09	9.09%	
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	-829.32		407.00	165.11	57.21	9.09%	
331		ICCO					✓	1D	14	Loss of Profit & Overheads	31/01/2014	170,087.28		110,030.00	44,624.80	15,482.48	9.09%	
322	639	ICCO					✓	1CD	15	Transfer of McNicholas TM to Infraco - To be Maintained as TTI 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	34,863.76		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	15,108.39		9,771.00	3,963.90	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	-24,903.87		16,108.00	6,533.88	2,263.99	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	Scoutmoor	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	9.09%	
334		ICCO					✓	PSOW	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: 31/03/2014						
2.08b Unapproved Changes													
							Assessment	Status on unapproved changes					
PMC	TNC	TCO	EOT only	SDS only	Section	Description	Notified	Maximum	assessed	Minimum	Submitted	to be submitted	Remarks
						TOTALS		-	-	-	-	-	
											submitted	under preparation	
											maximum potential of changes		

Project: **Edinburgh Tram Network**

as per: **31/03/2014**



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	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	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	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	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	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	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	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	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	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	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	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	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	
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	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	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	
												284,872,260	

Project: **Edinburgh Tram Network**as per: **31/03/2014**

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 13/11 Robertson FM	21/11/2013	0	0		6 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
BSI Audit	18/11/2013	0	0		N/A

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	0	6	9%	9	-	9	-	100%
1B	-	-	-	-	-	-	-	-	-
1C, 1C/D St A Sq, Princes St, York Pl	84	0	84	100%	63	0	63	0	100%
1D	87	0	87	100%	43	0	43	0	100%
2A	38	0	38	100%	126	0	126	0	100%
5A	102	0	102	100%	65	0	65	0	100%
5B	130	0	130	100%	106	0	102	1	96%
5C	67	0	67	100%	80	0	80	1	100%
6	36	0	36	100%	125	0	125	0	100%
7A	193	0	193	100%	73	0	73	0	100%
System NCRs (non-audit)					690	0	686	2	99%
Cancelled					18	0	18	0	100%

3. Further quality-related events during this month

(please describe shortly)

Works are complete on site other than snagging elements. All Inspection and Test Records have been received from package contractors with all signed off with the exception of approximately 10 packages (1% of total) which are currently within the final review process and have still to be verified as complete. Closing out of NCRs is nearing completion.

Project: **Edinburgh Tram Network**

as per: **31/03/2014**



2.12 Safety Information System - SIS

Bilfinger Construction⁵ - Monthly Safety Report

Month	31/03/2014		Prepared by	[REDACTED]			Contact phone or email.	[REDACTED]@bilfinger.com
Site or office and Unit ⁵	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	21		34	33		88		
Hours ²	3476		6276	5546		15298		
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				1		1		
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								
P 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		0	62,729
03.	Taken risk on soft ground conditions	439,106		-439,106	0
Total Contractual Risks		690,024	0	-627,295	62,729
Design Risks					
04.	Assessed quantities not subcontracted at the time of tender submission	250,918		-250,918	0
05.	Her Majesty's Railway Inspectorate	21,955		-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		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		-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	-822,070	259,700
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		-231,732	709,210
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	-2,286,122	709,210
Other Risks					
				0	0
				0	0
				0	0
				0	0
Total Other Risks		0	0	0	0
Total Values		5,040,000	-	- 4,008,360	1,031,640