



BiLFINGER Bilfinger Construction GmbH

EDINBURGH TRAM NETWORK

Monthly Project Report January 2013



Monthly Report Major Projects

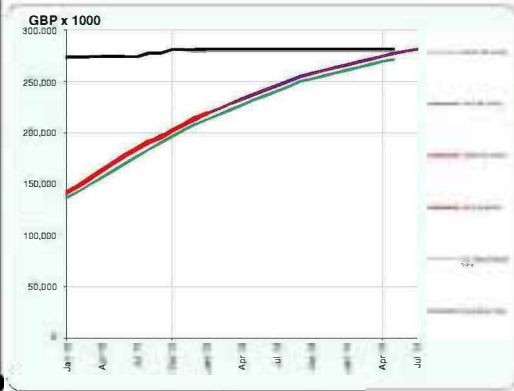
Project: Edinburgh Tram Network

Reporting Period: January 2013

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	
3.	Attachments	
3.01	Overview Movements of Contingencies	
3.02	Design - Drawing Status	n/a

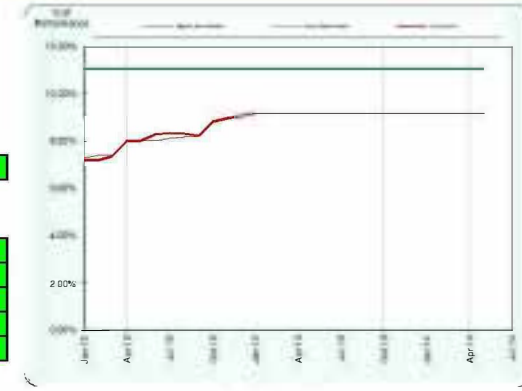
1.01 Project Overview Charts



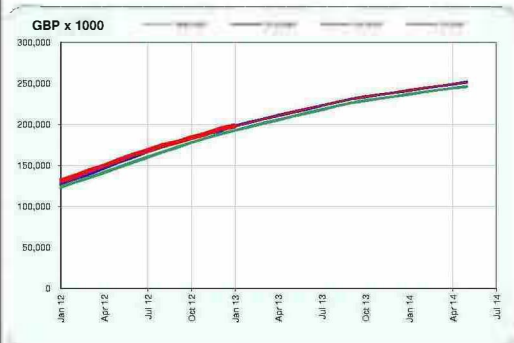
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date			15-May-08			
Construction end date	16-Jul-11	08-Jul-14	08-Jul-14	08-Jul-14	0.0 month	green
Total contract value [GBPx1000]	141,509	271,542		281,741		
Claims / Variations approved				10,198		
Claims / Variations not approved				-1,626		
Performance		242,936	218,904	218,887	100.0%	green
Actual Cost to Date				198,758	100.0%	green
Result	11.07%	7.23%	9.19%	9.20%	2.0%	green
Payment Status		208,193	247,680	247,680	100.0%	green
Av.Perf/mth: Rem. & act. 3mth			1,964	5,574		green

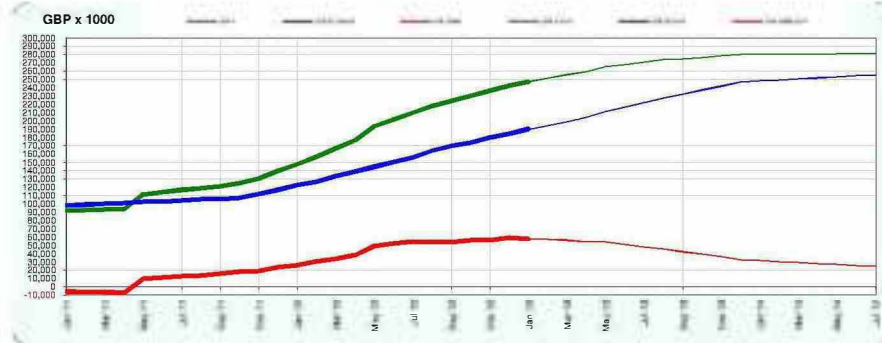
Project Key Figures



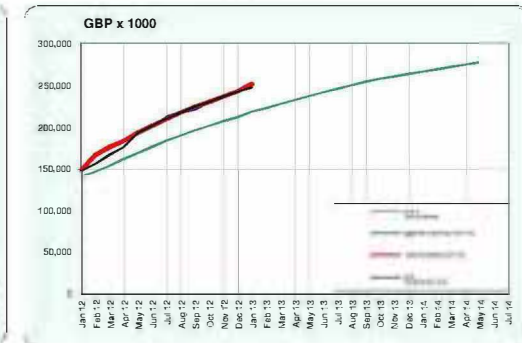
Project Result



Project Cost



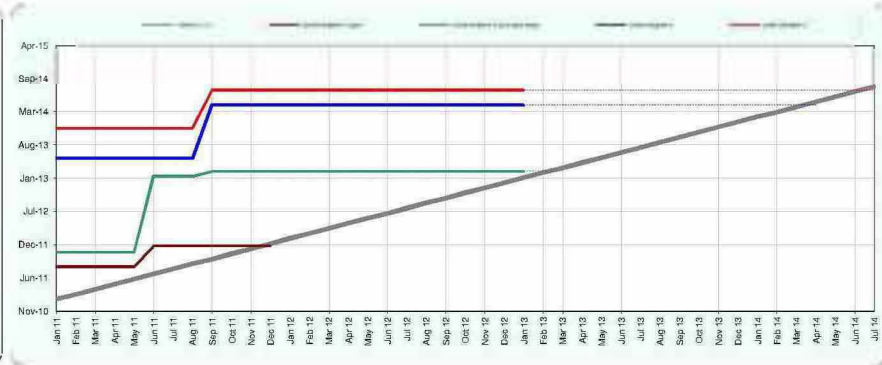
Cashflow



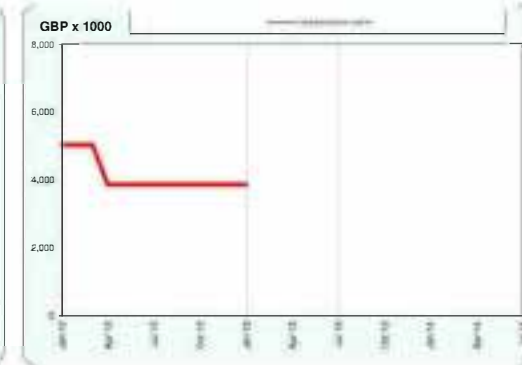
Payment Status



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:	£4,418,779
Planned performance:	<u>£4,436,484</u>
Variance:	<u>-£17,705</u>

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:	£20,129,057	or	9.20%
Forecast/planned result:	£25,885,867	or	9.19%
Weighted margin out of R&O:	£29,557,219	or	10.49%

1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£251,813,291
Paid net from the client:	<u>£247,679,650</u>
Variance	<u>£4,133,641</u>

The payment of £4,133,641 was received on schedule on 06/02/2013.

1.2.5 Cashflow

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

Cash in net:	£248,630,688	(incl. interest income)
Cash out net:	£190,845,292	
Cash balance net:	£57,785,396	

1.2.6 Contingencies

The remaining estimated contingencies value is unchanged to previous month:

£3,854,780 (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	
Sectional C Completion Date:	09 April 2014	
Sectional D Completion Date:	08 July 2014	

1.03 General Information

1.3.1	Short note on progress, events this month		
	<p><u>Mobilisation/Dembolisation:</u> -</p> <p><u>Design:</u> Further instructions to perform additional design changes were received during the month, which are scheduled to be completed by spring 2013.</p> <p><u>Procurement :</u> All subcontract arrangements are in place, minor purchase on finishing works ongoing.</p> <p><u>Construction :</u> During January works were performed in accordance with the agreed Programme Rev5.</p> <p><u>Contract :</u> Settlement Agreement signed on 15th September 2011 which defines new contractual arrangements for the Off Street Works and On Street Works up to York Place (retrunked line) with a revised Contact Amount of £ 271.542.291.</p> <p>The Settlement Agreement is based on Programme Rev. 4 (approved) and the commercial implications of this change (Rev. 3A to Rev. 4) have been regulated by a Change Order. Programme Rev. 5 has been agreed without commercial impact compared to Rev. 4.</p> <p>In January 8 new and revised Change Orders and further additional On-Street works increased the Variation Order value in an amount of £ 488,217 to £ 10,198,257 in total.</p>		
1.3.2	Significant extraordinary events		
	Date	Description	Remarks
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		
	<p>Several changes have been notified (see list "2.08b Unapproved Changes").</p>		

1.04 Performance Sheet

1. General Information				2. Construction Period		Original Contract	Revised Contract	Variance
Client:	The City of Edinburgh Council			Construction start date	15-May-08	15-May08	0 days	
Leadership:	BILFINGER CONSTRUCTION UK LIMITED			Construction end date	16-Jul-11	08-Jul-14	1,088 days	
			Share: 100%	Total excl. Site Removal	38.0 month	73.8 month	194.0 %	
Currency:	GBP	Rp.	(all amounts without V.A.T.)	Expired construction time	56.5 month	56.5 month	76.6 %	
Rate of Exchange Top Sheet:	1 GBP =	1.11 EUR	Actual: 1.23 EUR	Performance to date	218,886,656 GBP		77.7 %	

2. Total Contract Value		Date of Contract	Total Previous Month		January 2013	Total Reporting Month		
Contract Value with Client (Rev 4 evaluation)	271.542,291	(incl. SDS NovaAgree)	100.00%	281,252,331	103.6%	488,217	281,740,548	103.8%
Contract Value with 3rd Parties (without interest)				0	0.0%	0	0	0.0%
				281,252,331	103.6%	488,217	281,740,548	103.8%

3. Claims and Variations		Total Previous Month		January 2013	Total Reporting Month	
Claims and Variations approved		9,710,040	3.6%	488,217	10,198,257	3.8%
Claims and Variations submitted but not approved yet		-1,749,400	-0.6%	123,894	-1,625,506	-0.6%
Claims and Variations under preparation		0	0.0%	0	0	0.0%

4a. Performance		Total Previous Month		January 2013	Total Reporting Month	
Performance for Actual Contract Value with Client		214,467,877	76.25%	4,418,779	218,886,656	77.69%
Performance for 3rd Parties (without interest)		0	0.00%	0	0	0.00%
Total Performance to Date		214,467,877	76.25%	4,418,779	218,886,656	77.69%
Remaining Performance to Date		66,784,454	23.75%		62,853,892	22.31%
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		214,467,877	76.25%	4,436,484	218,904,361	77.70%

4b. Cost		Total Previous Month		January 2013	Total Reporting Month	
Actual Cost at Reporting Date		195,052,443	69.35%	3,705,156	198,757,599	70.55%

5. Result		Date of Contract	Total Previous Month		January 2013	Total Reporting Month	
Planned Result for Contract with Client (revised evaluation)	19,632,508	7.23%	25,515,732	9.07%	370,135	25,885,867	9.19%
Actual Result at Reporting Date			19,415,434	9.05%	713,623	20,129,057	9.20%
Forecast Result at the End of Contract			25,515,732	9.07%	370,135	25,885,867	9.19%
Weighted Result at the End of Contract (Likely Case)			29,214,459	10.39%	342,760	29,557,219	10.49%

6. Invoices, Payment and Bank account		Total Previous Month		January 2013	Total Reporting Month			
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	243,169,810	86.46%	8,880,476	252,050,286	89.46%
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	242,935,734	86.38%	8,877,558	251,813,291	89.38%
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	242,935,734	86.38%	4,743,916	247,679,650	87.91%
Cash in from 3rd Parties - excl. VAT				0	0.00%	0	0	0.00%
Interest income				951,038	0.44%	0	951,038	0.43%
Cash out (excl. VAT)				184,701,423	65.67%	6,143,869	190,845,292	67.74%
Net Liquidity	creditle	0	0%	59,185,349	21.04%	-1,399,953	57,785,396	20.51%

7. Subcontractor Work (incl. Design)		Total Previous Month		January 2013	Total Reporting Month			
Total Portion of Subcontractor Budget (first evaluation)	186,628,491	(incl. SDS)	68.73%	190,906,319	67.88%	409,608	191,315,927	67.91%
Total Amount of signed Subcontracts incl. approved Variation Order				0	0.00%	0	0	0.00%
Total Subcontractor Result to date				0	0.00%	0	0	0.00%
Actual Subcontractor Costs to date (incl. Accruals)				0	0.00%	0	0	0.00%
Therefrom invoiced to date				0	0.00%	0	0	0.00%

8. Actual Forecast for Performance and Result in TSD GBP

Performance	Original planned			
	2008	2009	2010	2011
Jan		1,706	2,786	2,346
Feb		2,526	4,026	2,026
Mrz		3,526	5,026	2,526
Apr		4,526	5,276	2,526
Mal	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	2,812	
	815	6,518	4,440	2,805	
2008	788	7,419	5,042	2,778	
12,940	1,424	7,646	4,515	2,820	
	1,574	7,266	4,546	2,616	
2009	2,056	7,720	4,428	2,278	
37,734	1,937	5,930	4,345	2,004	
	1,355	6,583	4,336		
2010	7,192	4,118	4,336		
50,195	4,827	7,159	3,088		
	5,712	5,760	2,837		
	5,867	6,545	2,827		
100,868	35,119	78,480	49,160	18,113	
		total: 281,741			

Yearly Forecast		
Performance and Result in 2008-2010		
Performance	100,868,316	35.8%
Result	0	
Performance and Result in 2011		
Performance	35,119,425	12.5%
Result	12,494,334	35.58%
Performance and Result in 2012		
Performance	78,480,136	27.9%
Result	7,210,628	9.19%
Performance and Result in 2013		
Performance	49,159,738	17.4%
Result	4,516,717	9.19%
Performance and Result in 2014		
Performance	18,112,933	6.4%
Result	1,270,761	7.02%
Total Performance and Result		
Performance	281,740,548	100.0%
Result	25,492,441	9.05%

Edinburgh, 18/02/2013

Edinburgh, 18/02/2013


Place and Date  Foerder, Project Director

Place and Date  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	281,741	281,741	281,741	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-255,855	-255,855	-255,855
2	Unapproved, but in Job Site Estimate integrated Changes	0	0	0	2	Unapproved, but in Job Site Estimate integrated Changes	0	0	0
3	Total unapproved Changes	0	0	0	3	Total unapproved Changes	0	0	0
4.1					4.1				
4.2					4.2				
4.3					4.3				
4.4					4.4				
4.5					4.5				
4.6					4.6				
4.7					4.7				
4.8					4.8				
4.9					4.9				
4.10					4.10				
4.11					4.11				
4.12					4.12				
4.13					4.13				
4.14					4.14				
4.15					4.15				
Σ 4	Risks not included in JSE	0	0	0	Σ 4	Risks not included in JSE	0	0	0
5.1					5.1	Saving on Contingencies	3,855	2,604	0
5.2					5.2	Savings on Uninsured Economic Losses	1,980	1,000	0
5.3					5.3	Interest Income	109	67	0
5.4					5.4				
5.5					5.5				
5.6					5.6				
5.7					5.7				
5.8					5.8				
5.9					5.9				
5.10					5.10				
5.11					5.11				
5.12					5.12				
5.13					5.13				
5.14					5.14				
5.15					5.15				
Σ 5	Chances	0	0	0	Σ 5	Chances	5,943	3,671	0
6 =1+3+4+5	Forecast Final Revenue	281,741	281,741	281,741	6 =1+3+4+5	Forecast Final Costs	-249,911	-252,183	-255,855

		Costs	best case	likely case	worst case
Forecast Final Result (best case)		Revenue	281,741		
(Revenue Best Case + Forecast Cost all cases)		Costs	-249,911		
		Result	31,829		
% Gross Margin based on Revenue Best Case		Revenue: 281,741	11.30%		
Forecast Final Result (most likely case)		Revenue		281,741	
(Revenue most likely case + Forecast Costs all cases)		Costs		-252,183	
		Result		29,557	
% Gross Margin based on Revenue Likely Case		Revenue: 281,741		10.49%	
Forecast Final Result (worst case)		Revenue			281,741
(Revenue worst case + Forecast Costs all cases)		Costs			-255,855
		Result			25,886
% Gross Margin based on Revenue Worst Case		Revenue: 281,741			9.19%
Gross Margin previous month (most likely case)			11.20%	10.39%	9.07%

	Project: Edinburgh Tram Network as per: 31/01/2013	 BILFINGER <small>Bilfinger Construction GmbH</small>
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001JE55 Edinburgh Tram Network 2013-01
Reporting Month: 57. Report Period, 31/01/2013

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE									CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL				
Work / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allowable incl. agreed VO's 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC IQxDJC-Rate 9	Variance to Date 10=9-5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 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		191,691,837	7,065,762	198,757,599	198,551,448		-206,151	198,771,028	13,429	3,705,156	3,783,233	78,077	251,909,780	251,909,780	8,730,099		260,639,879	255,854,681	77.7 %	57,083,653	255,841,252	4,798,627	-265,311
Prime Cost Sums 0 / 0																							
Total Cost without Prime Cost Sums		191,691,837	7,065,762	198,757,599	198,551,448		-206,151	198,771,028	13,429				251,909,780	251,909,780	8,730,099		260,639,879	255,854,681		57,083,653	255,841,252		

REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 1.1012, PFB = 1.0810)

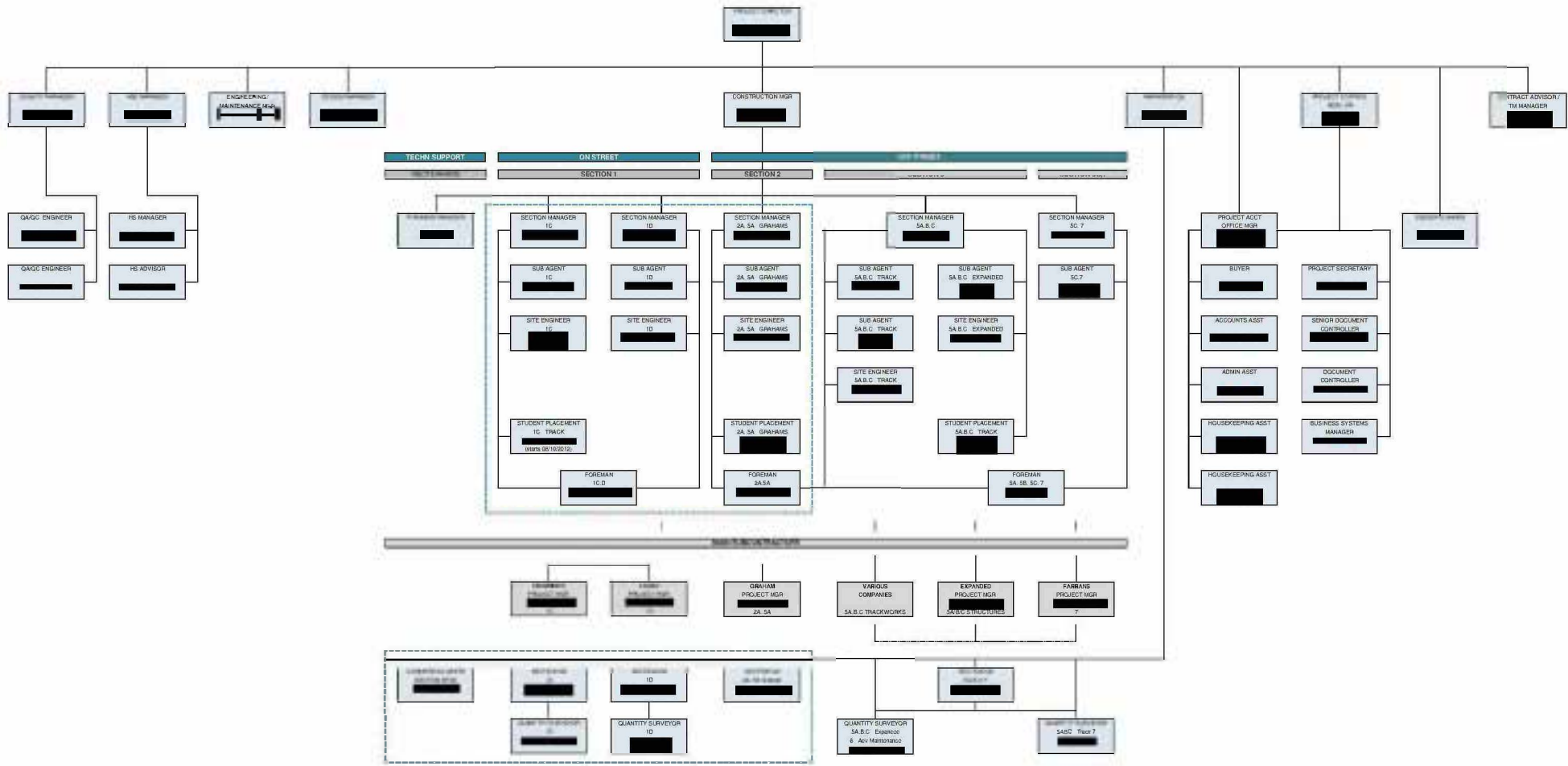
Total Cost without Prime Cost Sums		198,757,599	198,551,448		198,771,028				251,909,780	251,909,780	8,730,099		260,639,879	255,854,681			255,841,252
Gross Margin			16,082,667		20,115,628				19,632,511	19,632,511	1,468,158.00		21,100,669	25,885,867			25,899,296
Gross Margin in % of Performance			7.49 %		9.19 %				7.23 %	7.23 %	14.40 %		7.49 %	9.19 %			9.19 %
Performance without Prime Cost Sums			214,634,115		218,886,656				271,542,291	271,542,291	10,198,257		281,740,548	281,740,548			281,740,548
Actual Cost to date			198,757,599		198,757,599												
Gross Margin to date			15,876,516		20,129,057												
Gross Margin to date in % of Performance			7.40 %		9.20 %												
Performance Prime Cost Sums																	
Total Performance			214,634,115		218,886,656				271,542,291	271,542,291	10,198,257		281,740,548	281,740,548			281,740,548
Revenue according WBS																	

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.1012, PFB = 1.0810)

Total Cost without Prime Cost Sums			198,551,448		198,771,028				251,909,780	251,909,780	8,730,099		260,639,879	255,854,681			255,841,252
Gross Margin			16,082,667		20,115,628				19,632,511	19,632,511	1,468,158.00		21,100,669	25,885,867			25,899,296
Gross Margin in % of Performance			7.49 %		9.19 %				7.23 %	7.23 %	14.40 %		7.49 %	9.19 %			9.19 %
valued Performance without Prime Cost Sums			214,634,115		218,886,656				271,542,291	271,542,291	10,198,257		281,740,548	281,740,548			281,740,548
Actual Cost to date			198,757,599		198,757,599												
Gross Margin to date			15,876,516.00		20,129,057												
Gross Margin to date in % of Performance			7.40 %		9.20 %												
Performance Prime Cost Sums (incl. valued performance)																	
Total Performance (incl. valued performance)			214,634,115		218,886,656				271,542,291	271,542,291	10,198,257		281,740,548	281,740,548			281,740,548
Revenue according WBS (VO's valued)																	
Revenue according WBS (VO's valued by 100%)																	



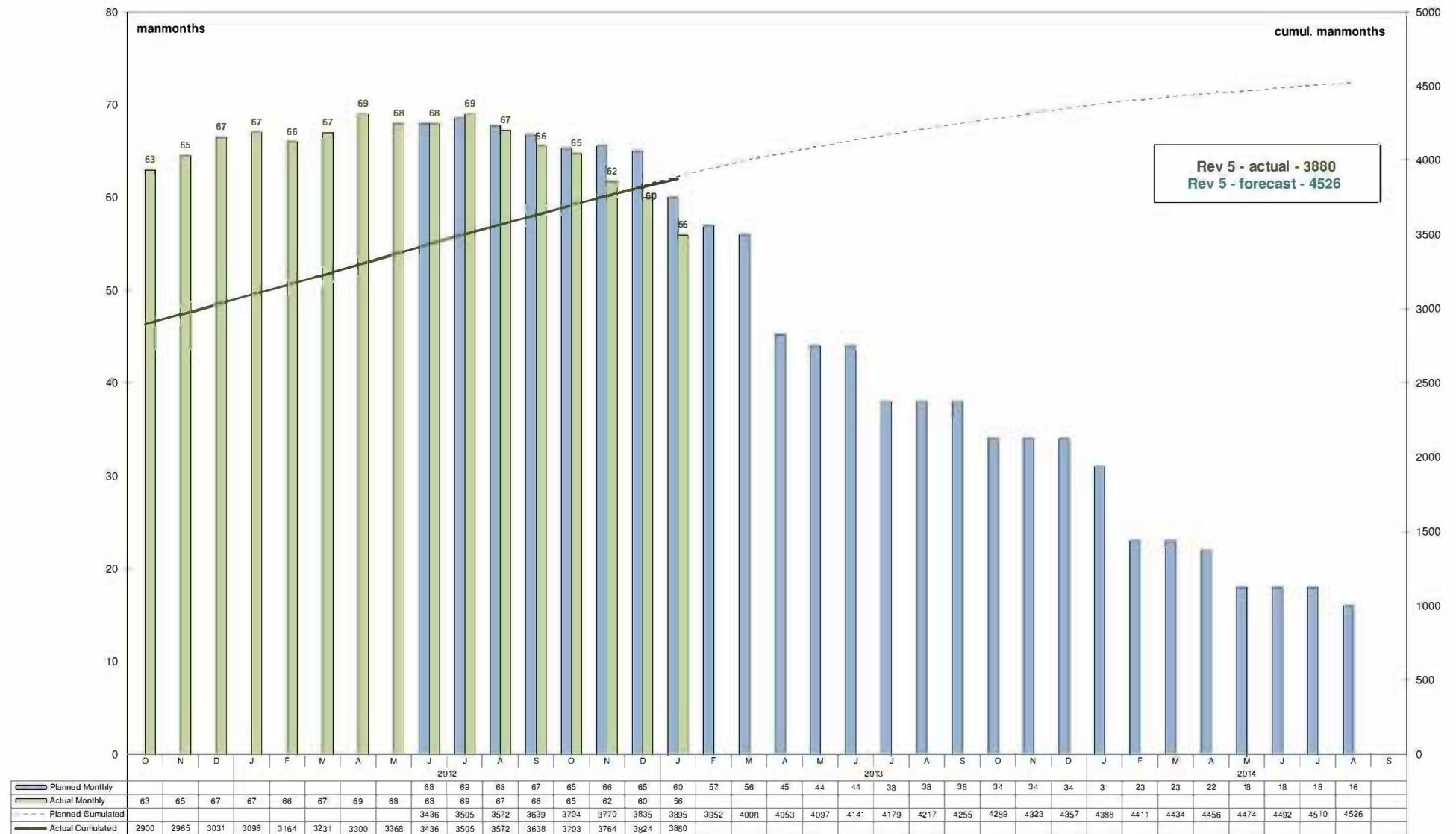
2.05 Organisation Chart



**EDINBURGH TRAM NETWORK
 CIVIL WORKS TEAM**
 Rev60 01/01/2013

Based at Haymarket Office

2.06 Staff Chart



2.08a Approved Change Orders

PME	PNC	ICO	BOT	Design	CMT	CMT2	Sub ID	Section / Activity	Description	Date Issued	SS	Revision	Job Estimate Budgets					Risk In			
													BOT	Design	Construction	Professional	Margin		Margin In %		
1	501	502		✓				1A	66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011		20,021.00			14,841.36	3,359.55	1,820.09	9.09%		
2	502	503		✓				1A	66	New Footpath at Ocean Drive	26/10/2011		10,231.00			7,584.14	1,716.77	930.09	9.09%		
3	503	515		✓				5C	63	CLE temporary works at Depot Access Bridge to allow finalisation without Edinburgh Gateway	01/12/2011		16,980.40			12,587.40	2,849.33	1,543.67	9.09%		
4	504	506		✓				1C	66	Inclusion of Blenheim Place redesign (for TRQ) within Peardy Place redesign - Instruction	26/10/2011		46,247.00			34,282.43	7,760.30	4,204.27	9.09%		
5	505	513		✓	✓			1C	66.12	Design of York Place Terminal Point and new runtime modelling. Incorporating New run time model based on York Place Terminal Agreement (was PMC 14)	29/11/2011		228,652.80			169,498.00	38,368.18	20,786.62	9.09%		
6	506	503A		✓				1C	66	Princes St - new cycle way from The Mound into Princes Street	26/10/2011 30/01/2012		11,105.64			8,232.50	1,863.54	1,009.60	9.09%		
7	507	504D		✓				1C	66	St Andrew Square Public Realm Design Finalisation	19/01/2013		135,143.49			100,180.50	22,677.22	12,285.77	9.09%		
8	509	519		✓				OH	66	Cathedral Lane Substation - change to Henderson Global Design	15/12/2011		233,595.67			173,162.10	39,197.60	21,235.97	9.09%		
9	520	553		✓				63	63	Valve chamber access and alterations to 800mm watermain at depot	29/02/2012		86,909.25			71,837.84	16,261.48	8,809.93	9.09%		
10	511	511		✓	✓			5C	66.63	Allow for storm water connection from Gogar Lodge to landowners new septic tank. CV/ Ref BARR6/015	22/11/2011		5,750.46			3,440.00	822.76	964.93	522.77	9.09%	
12	512	505A		✓				1A	66	Incorporate AECOM design for Ocean Terminal Bypass Road	28/02/2012		53,685.15			39,786.26	9,008.43	4,880.47	9.09%		
13	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%		
15	513	526A		✓				SWON	66	Utility Conflict verification - design changes	20/02/2012		156,870.49			119,286.50	26,323.04	14,260.95	9.09%		
16	514	554		✓				SWON	15	Utility mapping	29/02/2012		92,756.07			69,759.13	15,564.57	8,432.37	9.09%		
17	516	565		✓				63	58	Additional watermain requirement at Depot and Mini test track	26/04/2012		51,281.72			39,014.62	8,605.13	4,661.97	9.09%		
18	517	539		✓				63	63	Additional BT Ducts at Depot and Mini Test track	16/01/2012		2,986.00			2,220.80	502.73	272.35	9.09%		
19	524	586		✓	✓			62.66	62.66	NIL Design Finalisation	16/07/2012		40,559.19			3,784.50	33,850.62	6,805.88	3,687.20	9.09%	
20	539	529		✓				SW	SW	Programme Rev 3A/4	21/12/2011		2,851,900.00			2,356,942.15		494,957.85	17.36%		
21	541	611A		✓				1D	13	available BT Lines to avoid provision of direct FO link from Princes Street to	28/11/2012		4,535.57			3,369.17	761.07	412.32	9.09%		
22	529	524A		✓	✓			OH	66.7	Redesign Gogar Castle Access Road	17/01/2012		31,308.00			23,208.30	5,253.52	2,846.18	9.09%		
23	530	525		✓				OH	66	Depot Access Road Turning Head	16/12/2011		30,458.40			22,578.50	5,110.95	2,768.95	9.09%		
26	576	543		✓				5C	63	Reinstatement 250mm Watermain	26/04/2012		36,787.81			27,270.43	6,173.03	3,344.35	9.09%		
27	526	518		✓				63	63	Tram Delivery Temporary Works	12/12/2011		6,878.44			5,098.92	1,154.21	625.31	9.09%		
31	544	512		✓				OH	64	Extension to Edinburgh Park Office to accommodate CEC/Transport Scotland	22/11/2011		159,900.00			139,043.40	6,320.24	14,536.36	9.09%		
41	534	556		✓				5ABC	54	Scottish Power Insurance Ducts	01/05/2012		5,636.59			4,178.35	945.93	512.42	9.09%		
42	540	509A		✓	✓			54.66	54.66	Amendment to landscaping scope at plot 304 section 7	01/02/2012		201,120.00			3,768.00	152,856.21	33,748.15	18,283.64	9.09%	
45	555,557, 562	521C		✓				OH	66	Siemens CLE design update	06/09/2012		111,042.56			82,314.72	18,633.06	10,094.78	9.09%		
46	566	535A		✓				OH	66	On-Street design changes due to utilities conflicts	12/01/2012 01/06/2012		40,358.38			29,918.00	6,772.35	3,669.03	9.09%		
47	568	537A		✓				OH	66	On-Street Design Changes due to trackform conflicts	18/04/2012		10,864.85			8,054.00	1,823.13	987.71	9.09%		
48	553	516D		✓				OH	66	SDS to provide services of Mail Fall	02/10/2012		143,052.78			106,043.57	24,004.41	13,004.80	9.09%		
50	567	536D		✓				OH	66	On-Street drainage design changes due to utilities conflicts	18/01/2013		139,726.30			103,577.68	23,446.22	12,702.99	9.09%		
51	558	622A		✓				OH	65	Provision of CAD Technician	03/02/2012		1,693.00			1,255.00	284.09	153.91	9.09%		
53	559	545		✓				OH	66	Detailed Design of York Place Terminal	03/02/2012		56,438.11			41,837.00	9,470.37	5,130.74	9.09%		
54	565	533C		✓				OH	66	Advanced design Edinburgh Gateway - Minimum Option	26/09/2012		5,949.09			4,410.00	998.26	540.83	9.09%		
57	569	538		✓				OH	64	Running costs with the CEC office extension at Edinburgh Park	12/01/2012		79,220.00			68,886.96	3,131.22	7,201.82	9.09%		
59	561	528		✓				1A	31	Value Engineering Forth Part Section 1A	21/12/2011		2,443,000.00			2,220,909.09		222,090.91	9.09%		
62	572	540A		✓				OH	66	Cathedral Lane Substation Design	18/01/2012 29/06/2012		34,458.66			25,544.00	5,782.23	3,132.62	9.09%		

2.08a Approved Change Orders

PME	PNC	ICO	BOT	Design	CMT	CMT2	Task ID	Section / Activity	Description	Date Issued	SS	Revision	Job Estimate Budgets					Remarks	
													BOT	Design	Construction	Professional	Margin		Margin in %
63	574	542A			✓	✓		2A 61	Haymarket Viaduct delete parts of cladding	16/07/2012		5,571.34			4,055.13	1,009.72	506.49	9.09%	
64	571A	573B		✓		✓		1D 66	Hope Street reinstatement	11/10/2012		14,061.41		10,423.58	2,359.52	1,279.31	9.09%		
65	577	544A			✓	✓		2A 61	Ornit construction of Haymarket Substation retaining wall and plinth	06/11/2012		4,607.92			3,697.21	491.72	419.99	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		11,289.00	2,555.19	1,384.32	9.09%		
71	587	555B		✓		✓		SWON 66	Revised Salt Locations and new Salt Specification	13/09/2012		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									
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-208F)	13/07/2012									
85	591	563			✓			2A 61	Diversion of Scottish Power Cable	02/04/2012		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 14/09/2012		2,7862.60		2,671.00	17,983.26	4,675.37	2,532.96	9.09%	
91	574	574			✓			1A 21	Ongoing Traffic Management	12/06/2012		133,140.45			98,695.66	22,341.11	12,103.68	9.09%	
92	585	566		✓	✓			2A 61	Deletion of crew relief facilities	08/05/2012		74,001.12			54,856.28	12,417.47	6,727.37	9.09%	
92	616	567			✓			2A 61	Crew relief wall construction to close void beneath Haymarket Viaduct	08/05/2012		10,797.89			9,004.36	1,811.90	991.63	9.09%	
92	615	568A		✓		✓		2A 66	Design for crew relief wall construction to close void beneath Haymarket Viaduct	09/10/2012		1,900.12		1,408.54	318.94	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 (Cn 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 (Cn Street)	23/10/2012		36,951.41			27,317.58	6,193.71	3,350.13	9.09%	
112	618	576			✓			63	Alteration to 1900mm Diameter Manhole	19/05/2012		6,176.31			4,578.44	1,036.39	561.48	9.09%	
115	620	569A		✓		✓		66	Airport Tram Stop Design	27/09/2012		17,793.87		13,193.00	2,984.15	1,616.72	9.09%		
119	627	589		✓				1D 66	StJohns Church deletion of pedestrian barrier	21/09/2012									
120	623	586			✓			25	Gogar Depot Repair	28/09/2012		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 Tract	16/07/2012		6,423.88			4,761.96	1,077.93	583.99	9.09%	
124	636A	571A		✓		✓		5C 54	Twin Crossings at Lochside Avenue	01/06/2012		29,051.92			21,535.89	4,874.94	2,641.08	9.09%	
139	669	622			✓			7A 62	SGN 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 54.59.66	Edinburgh Gateway Works, Design & Construction	28/09/2012		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 carriageway reconstruction	09/01/2013		27,677.43		20,517.00	4,644.30	2,516.13	9.09%		
153	651A	625			✓	✓		SW	Defer installation of Tramstop shelter and Fit Out	31/10/2012		TBC							
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	662	590A			✓			7A 62	Topographical Survey	11/12/2012		2,586.95			1,917.68	434.09	295.18	9.09%	
170	667	594B		✓		✓		2A 66	Call off service to respond Network Rail Technical Queries	27/09/2012		9,456.49		7,010.00	1,586.61	859.69	9.09%		
171	668	595			✓			1C 12	York Place, De-scope of Works	12/07/2012		1,015,155.80			966,915.09		49,340.71	4.76%	
172	719	627		✓		✓		SW 66.7	Fare Collection Equipment	20/11/2012		TBC							
173	666	593A			✓	✓		5A 61	ScotRail 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									

2.08a Approved Change Orders

PME	PNC	ICD	BOT	Design	CMT	CMT2	Sub-Item	Section / Activity	Description	Date Issued	SS	Revision	Job Estimate Budgets					Risk in %
													BOT	Design	Construction	Professional	Margin	
195	694	621						25	Repairs to damaged utility cover slabs	23/10/2012		938.27			695.53	157.44	85.30	9.09%
196	725	631						CN 66	On Street Provision of HDWG Drawings - Drainage	27/11/2012		699.36		511.02		115.68	62.67	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	Undertake re-ballasting works to the operational element of the Westshunt line within the Haymarket Depot	23/10/2012		76,413.27		56,644.38		12,822.23	6,946.66	9.09%
203	664	691A						5C 62	Gogar Castle Access Road, works following Road Safety Audit - additional area of high friction surfacing	06/11/2012		3,186.34		2,362.00		534.67	289.67	9.09%
206	691	605						1C 66,1bc	Cathedral Lane, Tram Substation: Investigate and amend design of Cathedral Lane Retaining Wall	05/09/2012		40,470.00		30,000.00		6,790.91	3,679.09	9.09%
207	672	608B						CN 66	Review and amend design for On Street Drainage	14/11/2012		15,902.66		11,714.35		2,651.70	1,436.61	9.09%
208	620							SW	Cost Engineering in respect of the Programme	18/10/2012		3,162,897.12		2,614,038.94			548,848.18	17.36%
213	689	609C						CN 66	On Street Road Sign Bases, Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TPE 25) - DESIGN	24/01/2013		38,281.52		28,378.00		6,423.75	3,480.17	9.09%
214	683	604A						62	Trial holes to locate Scottish Water pipe at Gogarburn	22/01/2013		3,348.06		2,481.88		561.81	304.37	9.09%
215	701	614						62,66	Reinstatement works at the Airport	26/09/2012		13,490.00		10,000.00		2,263.64	1,226.36	9.09%
216	702	615A						62	Eastfield Avenue pedestrian crossing, provide and install STRAIL panels	18/01/2013		4,801.83		1,618.00		2,746.30	436.53	9.09%
217	685	613						62	Turner Access North of CRRC exit at Burnside Road: temp road surface and install kerbs at Edinburgh Airport	26/09/2012		TBC						
229	711	636						2A 61	Fence requirements at Murrayfield, Scotrail & Royal Mail	22/01/2013								
230	712	634						5A 54	Murrayfield Wanderers Interface Detail	09/01/2013		34,762.03		25,768.74		5,833.11	3,160.18	9.09%
243	726	637						2A 61	Deletion of Murrayfield Thistle	22/01/2013		6,120.10		4,900.00		663.73	556.37	9.09%
252	737	635						5B 54	BT ducts at South Gyle Access Bridge Works transfer	21/01/2012		37,869.84		28,072.63		6,354.60	3,442.71	9.09%
15	513	ICCO						1D 11	Utility Conflict Verification	31/01/2013		17,644.28		12,757.68		3,282.57	1,604.03	9.09%
25	543	ICCO						1D 14	Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	31/01/2013		258,211.46		186,699.57		48,038.12	23,473.77	9.09%
28	521	ICCO						1D 14	Provide temporary accommodation and Welfare facilities	31/01/2013		1,591.89		1,143.78		294.30	143.91	9.09%
35	547	ICCO						1D 14	Haymarket H1: Third Party affecting our ability to progress the works	31/01/2013		6,553.55		4,738.54		1,219.23	595.78	9.09%
36	548	ICCO						1D 11	Haymarket H1: BT Fibre Optic Service required Diverted	31/01/2013		85,148.16		61,566.30		15,841.11	7,740.74	9.09%
37	528	ICCO						1D 14	Haymarket 1 - SH Trench Excavation to Validate Utilities	31/01/2013		6,731.09		4,866.90		1,252.26	611.92	9.09%
38	549	ICCO						PSOW 13	Move 3 No OLE's (St John's Church) to central reserve	31/01/2013		33,465.73		24,197.37		6,226.02	3,042.34	9.09%
40	535	ICCO						PSOW 13	Scottish Water Diversion at Junction of Princes Street and South St David Street	31/01/2013		259,367.70		187,535.58		49,253.23	23,578.88	9.09%
43	551	ICCO						PSOW 13	Xmas Embargo demob. and temp. reinstatement	31/01/2013		208,644.84		150,860.47		38,816.66	18,867.71	9.09%
52	554	ICCO						ICD 15	PMC 52 On Street: Early Implementation of TM Phases 4 & 5	31/01/2013		273,473.20		197,734.56		50,877.44	24,861.20	9.09%
55	564	ICCO						ICD 15	Traffic Management Design	31/01/2013		9,653.56		6,980.00		1,795.97	877.60	9.09%
68		ICCO						1D 14	PMC 68: Utilities affecting ability to place system drainage	31/01/2013		42,940.57		31,048.14		7,898.74	3,903.69	9.09%
69		ICCO						1D 11	PMC 69: Geotextile Liner to Clifton Terrace Void	31/01/2013		1,804.57		1,304.79		335.72	164.05	9.09%
72		ICCO						1D 14	Shandwick place - OLE bases affecting utilities (Piling)	31/01/2013		286,628.78		208,692.79		53,697.01	26,238.98	9.09%
77	583C	ICCO						SW 12	Amend specification for on street setts	31/01/2013		96,034.54		69,437.69		17,866.44	8,730.41	9.09%
79		ICCO						1C 12	St Andrew Sq: third party affecting our ability to progress the works	31/01/2013		357,171.11		258,252.26		66,448.75	32,470.10	9.09%
87		ICCO						1C 12	St Andrew Sq - OLE bases affecting utilities (Piling)	31/01/2013		38,497.63		27,835.68		7,162.17	3,499.78	9.09%
88	584C	ICCO						ICD 14	Residual Road Value Engineering	31/01/2013		124,385.14		89,936.57		23,140.83	11,307.74	9.09%
97		ICCO						1C 12	Floating Track Slab	31/01/2013		1,680.38		1,215.00		312.62	152.76	9.09%

2.08a Approved Change Orders

PME	INC	ICCO	BOT	Design	CMT	CMT2	Task ID	Section / Activity	Description	Date Issued	BS	Revision	Job Estimate Budgets					Risk ID
													BOT	Design	Construction	Provision	Margin	
99		ICCO					✓	1D 14	Utilities affecting the ability to progress track excavation Shandwick 1	31/01/2013		11,190.61	8,091.36	2,081.82	1,017.33	9.09%		
100		ICCO					✓	1D 14	Utilities affecting the ability to progress track excavation Shandwick 2	31/01/2013		9,824.15	7,103.34	1,827.70	893.10	9.09%		
101		ICCO					✓	1D 14	Third Parties affecting the ability to progress track excavation Shandwick 2	31/01/2013		7,341.56	5,308.31	1,365.84	667.41	9.09%		
103		ICCO					✓	1C 15	St Andrew Square: Design, Enabling and Ongoing Maintenance of Temporary Bus Station	31/01/2013		9,109.39	6,586.54	1,694.73	829.13	9.09%		
104		ICCO					✓	SW 15	INC 614 Rothesay Place TM Amendment	31/01/2013		5,117.22	3,700.00	952.02	465.20	9.09%		
108		ICCO					✓	1CD 13	Reinstatement of Third Party Works / Lining - The Mound	31/01/2013		31,140.94	22,516.43	5,793.52	2,830.99	9.09%		
109		ICCO					✓	1CD 13	Re-proving and cleaning of Chambers / ducts	31/01/2013		23,662.72	17,109.31	4,402.25	2,151.16	9.09%		
110		ICCO					✓	1CD 13	Duct Chamber Bedding Detail Drawing Change	31/01/2013		9,663.99	6,987.51	1,787.90	878.54	9.09%		
126		ICCO					✓	1D 14	1D: Hand dig to expose utilities crossing inbound duct bank within S1 at Stallford Street and Lothian Road Junction for TT to action	31/01/2013		11,486.95	8,305.63	2,137.05	1,044.27	9.09%		
127		ICCO					✓	1D 14	1D: Utilities affecting ability to install System Ducting through S2 (South Duct Bank).	31/01/2013		17,720.19	12,812.57	3,296.70	1,610.93	9.09%		
128		ICCO					✓	1D 14	1D: Remove and Reinstall with Traps IMU and Track Drainage laid by other within H1	31/01/2013		4,795.72	3,467.54	892.20	435.67	9.09%		
129		ICCO					✓	1D 14	1D: Discovery of unsuitable material below formation of base 131204A within H2.	31/01/2013		4,639.84	3,354.83	863.20	421.80	9.09%		
130		ICCO					✓	1D 14	1D: Remedial works required on the partial return of H1 to in-trace on 21 May 2012	31/01/2013		685.03	495.31	127.44	62.28	9.09%		
132		ICCO					✓	1D 14	1D: Transfer plant and materials back to H2 from S4 to recommence works to OHLE bases. Site vacated for T&T	31/01/2013		1,089.10	787.47	202.62	99.01	9.09%		
133		ICCO					✓	1D 14	1D: Excavate Trial Holes in locations of bore pits through Shandwick S4 behind the existing stone wall to establish foundation depth.	31/01/2013		3,982.47	2,445.69	629.28	307.50	9.09%		
135		ICCO					✓	1D 14	1D: Remove and Reinstall with Traps IMU and Track Drainage laid by other within S1 (East End) and S2.	31/01/2013		9,271.71	6,703.90	1,724.92	842.88	9.09%		
137	637	ICCO					✓	1C 12	?????	31/01/2013		5,344.16	3,864.09	994.24	485.83	9.09%		
144	639D	ICCO					✓	1C 15	York Place Closure: Design, Enabling and Ongoing Maintenance	31/01/2013		177,742.35	128,516.45	33,067.50	16,158.40	9.09%		
145	645	ICCO					✓	PSOW 13	Princes Street Outstanding Works	31/01/2013		193,615.65	140,210.54	36,076.41	17,628.70	9.09%		
157		ICCO					✓	1D 14	1D: Widening of track excavations due to installation of floating track slab within H3	31/01/2013		3,090.50	2,234.58	574.96	280.95	9.09%		
159		ICCO					✓	1D 14	1D: Remedial works on Handback of S1 & S3 including fencing, reinstatement of the formation and collapsed ducts.	31/01/2013		5,348.77	3,867.42	995.09	486.25	9.09%		
159		ICCO					✓	1D 14	1D: Exposing of the conflicting services and traction duct excavations in H1, H2 & H3	31/01/2013		14,038.35	10,150.42	2,611.72	1,276.21	9.09%		
160		ICCO					✓	1D 14	1D: Utilities are affecting the working space to all OHLE bases within H2 impacting on formwork and reinforcement	31/01/2013		3,104.16	2,244.46	577.50	282.20	9.09%		
161		ICCO					✓	PSOW 13	PSOW Remedial works to Traffic Signal works	31/01/2013		5,674.05	4,102.62	1,055.61	515.82	9.09%		
162		ICCO					✓	PSOW 13	PSOW: Watermain Ducting	31/01/2013		13,830.32	10,000.00	2,573.02	1,257.30	9.09%		
163		ICCO					✓	PSOW 13	PSOW: Additional OLE Remediate	31/01/2013		3,406.27	2,462.90	633.71	309.66	9.09%		
164		ICCO					✓	PSOW 13	PSOW - Traffic signal ducting works - drawing change	31/01/2013		2,945.28	2,129.58	547.94	267.75	9.09%		
165		ICCO					✓	PSOW 13	PSOW: Tram Stop Additional Works	31/01/2013		16,931.67	12,242.43	3,150.00	1,539.24	9.09%		
166		ICCO					✓	PSOW 13	Water Valve	31/01/2013		462.49	334.40	86.04	42.04	9.09%		
167		ICCO					✓	1D 14	1D: Additional TM Requirements at Canning Street/Shandwick Place Junction as CEC instruction	31/01/2013		1,161.43	939.77	216.07	105.58	9.09%		
176		ICCO					✓	SW 15	INC 660 Princes Street TM	31/01/2013		4,148.10	3,000.00	771.91	377.19	9.09%		
180		ICCO					✓	1D 15	Review of single bus lane running west to east through Coates Crescent onto Princes Street via Shandwick Place	31/01/2013		1,943.16	1,405.00	361.51	176.65	9.09%		
182		ICCO					✓	1C 15	Temporary Traffic Management to retain existing access to Bus Station on Esker Street INC 678 & INC 678A	31/01/2013		14,542.58	10,515.00	2,705.53	1,322.05	9.09%		
184		ICCO					✓	1C 15	Removal of temporary traffic management from Princes Street between Waverley Bridge and South St Andrew Street (the partial plug), INC 665	31/01/2013		4,961.63	3,587.50	923.07	451.06	9.09%		
187		ICCO					✓	1D 14	Remediate on handback to H1,2,3	31/01/2013		8,530.79	6,168.18	1,987.08	775.53	9.09%		
188		ICCO					✓	1D 14	OLE 131,128A fill below formation	31/01/2013		8,473.12	6,126.48	1,576.35	770.28	9.09%		
190		ICCO					✓	PSOW 13	PN43 investigation	31/01/2013		1,013.86	733.07	198.62	92.17	9.09%		

2.08a Approved Change Orders

PME	HIC	ICCO	BOT	Design	COST	C/M/TS	Sub-Id	Section / Activity	Description	Date Issued	SP	Revision	Job Estimate Budgets					Remarks				
													BOT	Design	Construction	Provision	Margin		Margin in %			
191		ICCO					✓	1D	18	Contaminated Material in SP4	31/01/2013		63,173.59			45,677.61	11,752.93	5,743.05	9.09%			
193		ICCO					✓	1D	14	Placement and removal of material between trackslab in SP2 & SP6	31/01/2013		1,982.56			1,433.49	368.84	180.23	9.09%			
205		ICCO					✓	1D	14	Shandwick Place, additional kerbing and footpath reinstatement	31/01/2013		27,267.05			19,715.42	5,072.81	2,478.82	9.09%			
206		ICCO					✓	1C	12	Cathedral Lane Substation Investigation Works	31/01/2013		45,909.97			33,194.44	8,540.99	4,173.54	9.09%			
218		ICCO					✓	SW	15	INC 699 Ped Walkway Dalry Road	31/01/2013		3,695.46			2,672.00	687.51	335.95	9.09%			
220		ICCO					✓	1C	12	Additional Central Reserve Works	31/01/2013		6,426.24			4,646.49	1,195.56	584.20	9.09%			
222		ICCO					✓	SW	15	INC707A TMA Apple Store Site	31/01/2013		2,074.55			1,500.00	385.95	188.60	9.09%			
225		ICCO					✓	1D	14	Hope Street construction	31/01/2013		7,711.18			5,575.56	1,434.60	701.02	9.09%			
227		ICCO					✓	1C	12	York Place Hoarding Design	31/01/2013		2,435.30			1,760.94	453.07	221.39	9.09%			
237		ICCO					✓	ICD	15	Tracking and Modelling CEC request	31/01/2013		6,175.24			4,465.00	1,148.85	561.39	9.09%			
238		ICCO					✓	1C	12	Making Manhole shutters and encircled	31/01/2013		6,676.37			4,827.34	1,242.08	606.94	9.09%			
239		ICCO					✓	1C	12	IC3 Re-scope of De-scoped Ducting	31/01/2013		6,021.28			4,353.68	1,120.21	547.39	9.09%			
240		ICCO					✓	1C	12	Additional Kerb cast for supply a s new	31/01/2013		50,749.68			36,694.51	9,441.56	4,613.61	9.09%			
245		ICCO					✓	1D	15	Pedestrian management during Christmas Shutdown	31/01/2013		10,663.18			7,710.00	1,993.80	969.39	9.09%			
251		ICCO					✓	1D	14	Queensferry Street / Lothian Road junctions	31/01/2013		8,997.51			6,433.34	1,655.31	808.86	9.09%			
										TOTALS			10,198,257.34			4,970,981.09	1,426,650.76	938,411.78	1,394,055.11	1,468,158.59	14.40%	

8,730,098.74

Project: **Edinburgh Tram Network**
 as per: **31/01/2013**



2.08b Unapproved Changes

PMC	TNC	TCO	EOT only	SDS only	Section	Description	Notified	Assessment			Status on unapproved changes		Remarks
								Maximum	assessed	Minimum	Submitted	to be submitted	
60	500				1C	Omission of works to North / South and West of St. Andrew's Square (Siemens Reference SV-0208)	13/02/2012	2,094,258	1,861,267	942,416	2,094,258		
102	612 A				SW	Tramstop, Branding Changes - On-Street	26/04/2012						
105	617 A				SW	Tram Stops, Branding Changes - Off-Street	26/04/2012						
113	625				1D	SDS to provide full time attendance for 4wks at Cathedral Lane	10/05/2012						
154	656				SW On	Defer installation of Tramstop shelter and Fit Out. (Siemens reference SV-0219)	22/06/2012						
166	628				SW	Update Utility Drawings to reflect MUDPA contractors work	15/08/2012						
192	675				2A	Removal of concrete surrounding Scottish Water meter	14/08/2012	12,507	6,130	5,626	12,507	+	
194	676				1C	Provision of Drawings for CEC Legal Agreement at Lord Bods Bar	20/08/2012						
226	696					Carry out surveys to locate SGN Gas Main and provide as built drawings	12/10/2012	3,414	2,219	1,536	3,414	+	
228	713				2A/5A	Construction works associated with LOD Conflicts at Haymarket and W18	23/10/2012	117,347	76,275	52,806	117,347	+	
232	714				5B	Edinburgh Park Central Lighting	05/11/2012	3,464	2,252	1,559	3,464	+	
236	723				1C	Road Safety Audit - Princes Street	19/11/2012	675	438	304	675	+	
244	709				5A	Scotrail Carpark - Replace soil landscaping with hard landscaping	14/12/2012	4,856	3,156	2,185	4,856	+	
253	732				2A	Roseburn Street pavement construction	22/01/2013						
254					5A	Additional retaining measures due to Network Rail infrastructure amendments.	28/01/2013	326,489	212,218	146,920	326,489	+	
TOTALS								1,625,506	1,056,579	731,478	1,625,506		

submitted	cost changes
maximum potential of changes	
1,625,505.95	

Project: **Edinburgh Tram Network**

as per: **31/01/2013**



2.09 Payment Status

PROGRESS			INVOICE							PAYMENT			
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE PAYMENT	RETENTION MONEY	OTHERS	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance													
45	MONTH	5,817,390	51	8,367,001	8,377,620	10,619	0	0	0	8,377,620	11/01/2012	11/01/2012	8,377,620
Jan-12	ACCUM.	141,805,131		148,828,874	148,475,722	-353,153				148,475,722			148,475,722
46	MONTH	6,517,767	52	18,534,058	18,725,058	191,000	0	0	0	18,725,058	08/02/2012	08/02/2012	8,542,616
Feb-12	ACCUM.	148,322,898		167,362,933	167,200,780	-162,153				167,200,780			157,018,338
47	MONTH	7,419,040	53	9,284,501	9,553,209	268,707	0	0	0	9,553,209	07/03/2012	07/03/2012	10,182,463
Mar-12	ACCUM.	155,741,938		176,647,434	176,753,989	106,555				176,753,989			167,200,801
48	MONTH	7,646,215	55	8,211,478	7,408,088	-803,390	0	0	0	7,408,088	04/04/2012	04/04/2012	9,553,187
Apr-12	ACCUM.	163,388,153		184,858,912	184,162,077	-696,836				184,162,077			176,753,988
49	MONTH	7,265,678	56	9,238,301	9,622,713	389,412	0	0	0	9,622,713	30/05/2012	30/05/2012	17,030,802
May-12	ACCUM.	170,653,831		194,092,213	193,784,790	-307,424				193,784,790			193,784,790
50	MONTH	7,719,717	57	8,041,083	8,194,310	153,228	0	0	0	8,194,310	27/06/2012	27/06/2012	8,194,310
Jun-12	ACCUM.	178,373,548		202,133,296	201,979,100	-154,196				201,979,100			201,979,100
51	MONTH	5,929,851	58	9,825,417	8,193,108	-1,632,309	0	0	0	8,193,108	25/07/2012	25/07/2012	8,193,108
Jul-12	ACCUM.	184,303,399		211,958,713	210,172,208	-1,786,505				210,172,208			210,172,208
52	MONTH	6,582,927	59	6,502,185	7,663,214	1,161,029	0	0	0	7,663,214	22/08/2012	22/08/2012	7,663,214
Aug-12	ACCUM.	190,886,326		218,460,898	217,835,422	-625,476				217,835,422			217,835,422
53	MONTH	4,117,946	60	3,307,001	6,848,639	3,541,638	0	0	0	6,848,639	19/09/2012	19/09/2012	6,848,639
Sep-12	ACCUM.	195,004,272		221,767,899	224,684,061	2,916,162				224,684,061			224,684,061
54	MONTH	11,276,883	61	8,814,957	5,727,033	-3,087,924	0	0	0	5,727,033	17/10/2012	17/10/2012	5,727,033
Oct-12	ACCUM.	202,163,209		230,582,856	230,411,095	-171,761				230,411,095			230,411,095
55	MONTH	12,918,631	62	6,575,953	6,458,434	-117,519	0	0	0	6,458,434	14/11/2012	14/11/2012	6,458,434
Nov-12	ACCUM.	207,922,903		237,158,809	236,869,529	-289,280				236,869,529			236,869,529
56	MONTH	12,304,668	63	6,011,001	6,066,205	55,204	0	0	0	6,066,205	12/12/2012	12/12/2012	6,066,205
Dec-12	ACCUM.	214,467,877		243,169,810	242,935,734	-234,076				242,935,734			242,935,734
57	MONTH	10,963,753	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
												247,679,650	

Project: **Edinburgh Tram Network**as per: **31/01/2013**

2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
ETN QA 12/09 P25	19/07/2012	1	0	0%	3 no. Observation/Suggestion for improvement
ETN QA 12/18 P92	05/09/2012	1	0	0%	0 no. Observation/Suggestion for improvement

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

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


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	-	8	-	89%
1B	-	-	-	-	-	-	-	-	-
1C,1C/D St A Sq, Princes St, York Pl	63	17	29	46%	43	4	35	5	81%
1D	62	17	50	81%	43	6	24	7	56%
2	33	14	22	67%	115	0	107	1	93%
5A	117	50	53	45%	47	2	32	0	68%
5B	125	37	69	55%	86	6	37	4	43%
5C	66	29	50	76%	71	13	45	1	63%
6	36	0	36	100%	125	0	124	0	99%
7	163	27	159	98%	72	6	64	12	89%
System NCRs (non-audit)					611	37	476	30	78%
Cancelled					18	1	18	1	100%

3. Further quality-related events during this month

(please describe shortly)

Bi-weekly Quality Surveillance reports relating to civils subcontractors are being compiled and issued on Conject/BIW. The compilation of Inspection and Test Records for section B handover from Farrans is nearing completion. Inspection and Test Records are also being received from other contractors as works progress. The Client (T&T) is continuing to carry out audits on elements of the Quality Management System. Formal reports are awaited.

Project: Edinburgh Tram Network as per: 31/01/2013					 BILFINGER BILFINGER CONSTRUCTION GmbH		
2.12 Safety Information System - SIS							
Bilfinger Construction⁵ - Monthly Safety Report							
Month	Jan-13	Prepared by	[REDACTED]		Contact phone or email.	[REDACTED]@bilfinger.co.uk	
Site or office and Units	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	56		44	346		446	
Hours ²	9085		6787	64326		80198	
Accidents in this month (if no accidents but a previous accident person is still away from work, write in calendar days lost but leave accident space clear)							
Fatal						0	
Serious: over 3 days injury				1		1	
Duty travelling / commuting 1D+						0	
LTI: 1-3 days injury						0	
1st Aid only						0	
Calendar days lost this month + from any previous ongoing accidents						0	
Incidents							
Damage						0	
Environment Ecology / Pollution						0	
Not work related eg flood, bomb scare						0	
Near misses, hazards reported						0	
Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents, plus any work-related 'Health' incidents							
IP Name or incident location/Ref	Employer	Injury / Incident		date of acc / Inc	Return to work date ⁴	Cal days lost this month. Max 30	
[REDACTED]	[REDACTED]	Hand trapped between crate and traffic sign pole, swelling to the hand, not classed as serious		20-Jan-13	26-Jan-13	5	
<small> 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 if no accidents this month 7. Definition for a 3d+ accident includes weekends but not day of accident. You should check if man is <u>30, 30+ or 14</u> for work during a weekend, then it may not be a 3d+ </small>							

2.13 Project Photographs

Picture 01

Section 1C

St. Andrew Square to York Place



Picture 02

Section 1C

St Andrew Square



2.13 Project Photographs

Picture 03

Section 5B

Bankhead Tram Stop



Picture 04

Section 5B

Saughton Tram Stop



2.13 Project Photographs

Picture 04

Section 5C

Gyle Tram Stop



Picture 05

Section 5C

Gogarburn Tram Stop



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
03.	Taken risk on soft ground conditions	439,106			439,106
Total Contractual Risks		690,024	0	-188,188	501,836
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
Total Design Risks		272,873	0	-250,918	21,955
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
09.	Programme risk on Sectional Completion Date B - Site costs on Delay	8,155			8,155
10.	Programme risk on Sectional Completion Date C - LD's	183,484			183,484
11.	Programme risk on Sectional Completion Date C - Site costs on Delay	94,094			94,094
12.	Programme risk on Sectional Completion Date D - LD's	231,472			231,472
13.	Programme risk on Sectional Completion Date D - Site costs on Delay	28,228			28,228
14.	Network Rail requesting additional protection measures for temporary works	62,729			62,729
15.	Network Rail causing additional possessions and engineering hours	62,729			62,729
16.	Limits exceeding pollution	6,273			6,273
17.	Clients interpretation of Code of Construction Practice	62,729			62,729
18.	Power cables for street lighting between substations and user	7,528			7,528
19.	Additional works to be carried out under Network Rail License	301,101			301,101
Total Construction Risks		1,081,770	0	-18,819	1,062,951
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
22.	Interfaces Siemens not covered	940,942		-100,000	840,942
23.	Insurance deductibles	9,409			9,409
24.	Subcontractor insolvency	313,647			313,647
25.	Defects Liability	602,203			602,203
Total Commercial Risks		2,995,333	0	-727,295	2,268,038
Other Risks					
					0
					0
					0
					0
Total Other Risks		0	0	0	0
Total Values		5,040,000	-	- 1,185,220	3,854,780