



BiLFINGER Bilfinger Construction GmbH

EDINBURGH TRAM NETWORK

Monthly Project Report December 2012



Monthly Report Major Projects

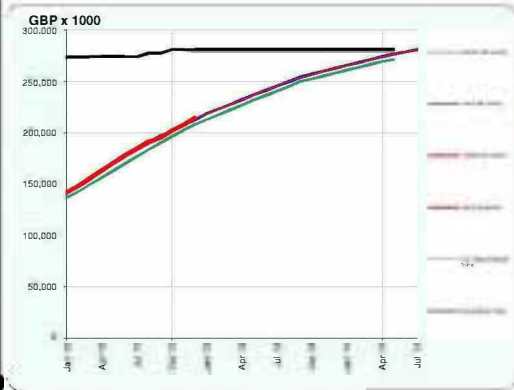
Project: Edinburgh Tram Network

Reporting Period: December 2012

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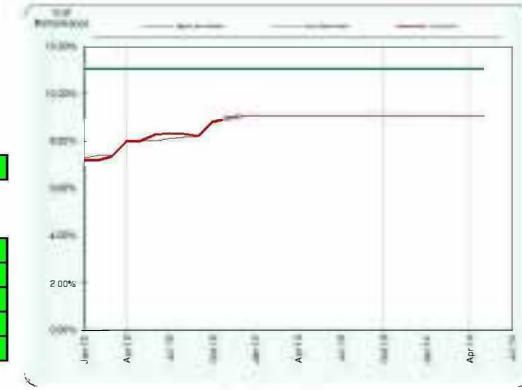
1.01 Project Overview Charts



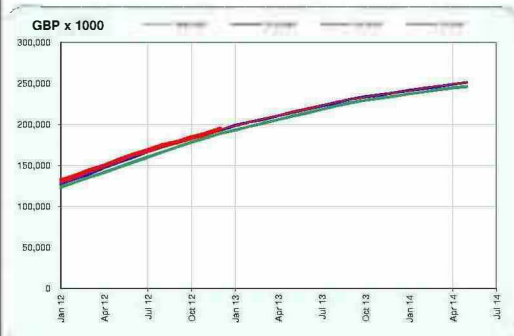
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date			15-May-08			
Construction end date	16-Jul-11	08-Jul-14	08-Jul-14	08-Jul-14	0.0 month	green
Total contract value [GBPx1000]	141,509	271,542		281,252		
Claims / Variations approved				9,710		
Claims / Variations not approved				-1,749		
Performance		208,192	212,538	214,468	100.9%	green
Actual Cost to Date				195,052	100.0%	green
Result	11.07%	7.23%	9.07%	9.05%	1.8%	green
Payment Status		208,192	242,936	242,936	100.0%	green
Av.Perf/mth: Rem. & act. 3mth			2,087	6,488		green

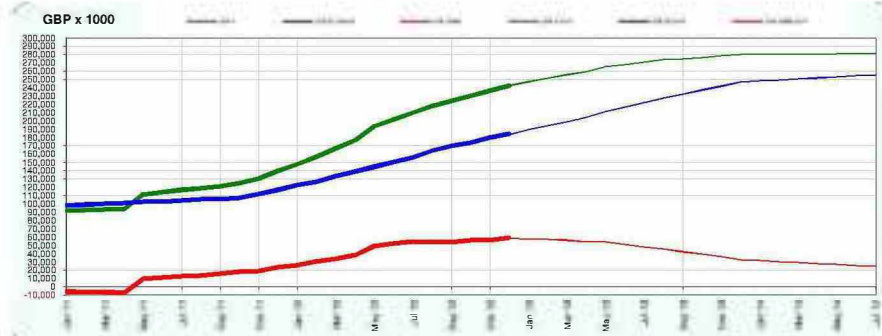
Project Key Figures



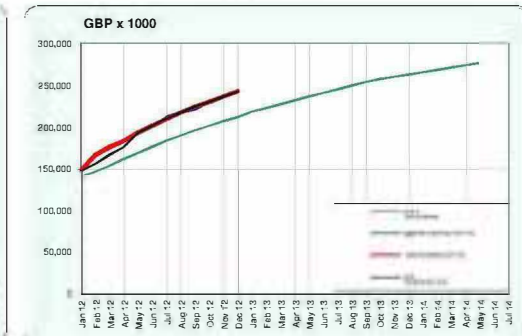
Project Result



Project Cost



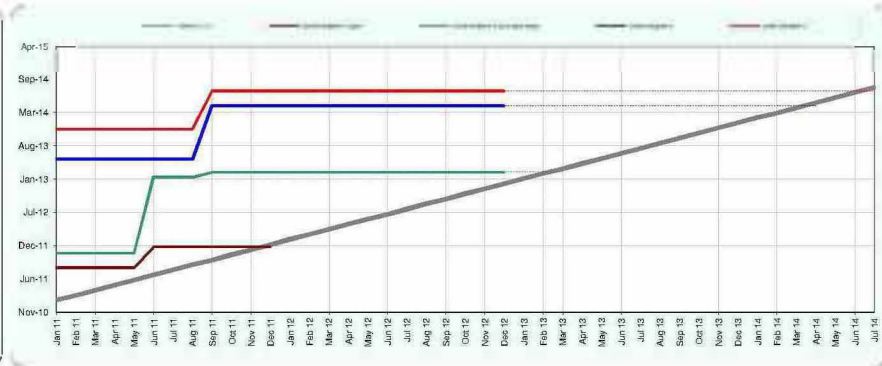
Cashflow



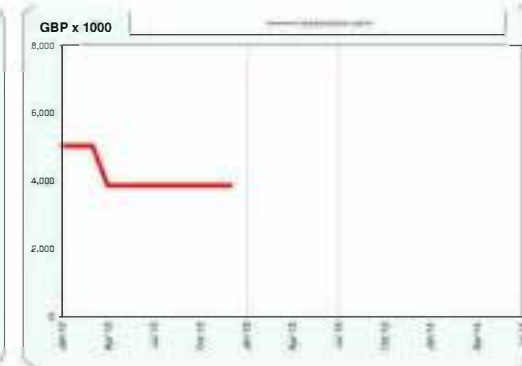
Payment Status



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:	£6,544,974
Planned performance:	<u>£4,614,706</u>
Variance:	£1,930,268

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:	£19,415,434	or	9.05%
Forecast/planned result:	£25,515,732	or	9.07%
Weighted margin out of R&O:	£29,214,459	or	10.39%

1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£242,935,734
Paid net from the client:	<u>£242,935,734</u>
Variance	£0

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:	£243,886,772	(incl. interest income)
Cash out net:	£184,701,423	
Cash balance net:	£59,185,349	

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/Demobilisation:</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 December works were performed in accordance with the agreed Programme Rev5. Based on the comfortable weather conditions prior the Christmas break the performance could be even improved compared to the planning.</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 December 3 new and 6 revised Change Orders and further additional On-Street works increased the Variation Order value in an amount of £ 335,828 to £ 9,710,040 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		
	Several changes have been notified (see list "2.08b Unapproved Changes").		

1.04 Performance Sheet

1. General Information		2. Construction Period		Original Contract	Revised Contract	Variance
Client:	The City of Edinburgh Council	Construction start date	15-May-08	15-May-08	0 days	
Leadership:	BILFINGER CONSTRUCTION UK LIMITED	Construction end date	16-Jul-11	08-Jul-14	1,088 days	
	Share: 100%	Total excl. Site Removal	38.0 month	73.8 month	194.0 %	
Currency:	GBP Rp. (all amounts without V.A.T.)	Expired construction time	55.5 month	55.5 month	75.3 %	
Rate of Exchange Top Sheet:	1 GBP = 1.11 EUR	Performance to date	214,467,877 GBP		76.3 %	
	Actual: 1.23 EUR					

2. Total Contract Value		Date of Contract	Total Previous Month	December 2012	Total Reporting Month
Contract Value with Client (Rev 4 evaluation)	271,542,291 (incl. SDS NovaAgree)	100.00%	280,916,504	335,828	281,252,331
Contract Value with 3rd Parties (without interest)			0	0	0
			280,916,504	335,828	281,252,331

3. Claims and Variations		Total Previous Month	December 2012	Total Reporting Month
Claims and Variations approved		9,374,213	335,828	9,710,040
Claims and Variations submitted but not approved yet		289,694	-2,039,094	-1,749,400
Claims and Variations under preparation		0	0	0

4a. Performance		Total Previous Month	December 2012	Total Reporting Month
Performance for Actual Contract Value with Client		207,922,903	6,544,974	214,467,877
Performance for 3rd Parties (without interest)		0	0	0
Total Performance to Date		207,922,903	6,544,974	214,467,877
Remaining Performance to Date		72,993,601		66,784,454
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		207,922,903	4,614,706	212,537,609

4b. Cost		Total Previous Month	December 2012	Total Reporting Month
Actual Cost at Reporting Date		189,316,834	5,735,609	195,052,443

5. Result		Date of Contract	Total Previous Month	December 2012	Total Reporting Month
Planned Result for Contract with Client (revised evaluation)	19,632,508	7.23%	25,135,059	380,673	25,515,732
Actual Result at Reporting Date			18,606,069	809,365	19,415,434
Forecast Result at the End of Contract			25,135,059	380,673	25,515,732
Weighted Result at the End of Contract (Likely Case)			28,878,631	335,827	29,214,459

6. Invoices, Payment and Bank account		Total Previous Month	December 2012	Total Reporting Month
Application to the client - excl. VAT	incl. Ret. Money	237,158,809	6,011,001	243,169,810
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	236,869,529	6,066,205	242,935,734
Cash in from the client - excl. VAT	excl. Ret. Money	236,869,529	6,066,205	242,935,734
Cash in from 3rd Parties - excl. VAT		0	0	0
Interest income		946,490	4,548	951,038
Cash out (excl. VAT)		179,976,394	4,725,029	184,701,423
Net Liquidity	credittline	56,893,135	2,292,214	59,185,349

7. Subcontractor Work (incl. Design)		Total Previous Month	December 2012	Total Reporting Month
Total Portion of Subcontractor Budget (first evaluation)	186,628,491 (incl. SDS)	190,660,753	245,566	190,906,319
Total Amount of signed Subcontracts incl. approved Variation Order		0	0	0
Total Subcontractor Result to date		0	0	0
Actual Subcontractor Costs to date (incl. Accruals)		0	0	0
Therefrom invoiced to date		0	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				
2008-2010	2011	2012	2013	2014
	1,573	5,817	4,436	2,812
	815	6,518	4,440	2,805
2008	788	7,419	4,537	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	48,672	18,113
total: 281,252				

Yearly Forecast		
Performance and Result in 2008-2010		
Performance	100,868,316	35.9%
Result	0	
Performance and Result in 2011		
Performance	35,119,425	12.5%
Result	12,337,060	35.13%
Performance and Result in 2012		
Performance	78,480,136	27.9%
Result	7,119,863	9.07%
Performance and Result in 2013		
Performance	48,671,521	17.3%
Result	4,415,571	9.07%
Performance and Result in 2014		
Performance	13,830,900	4.9%
Result	1,254,765	9.07%
Total Performance and Result		
Performance	276,970,298	98.5%
Result	25,127,258	9.07%

Edinburgh, 16/01/2013

Edinburgh, 16/01/2013

Place and Date

M. Müller, Project Director


Place and Date

C. Gebauer, Project Control Manager

1.05 Weighted Result with Chances and Risks

Revenue		best case	likely case	worst case	Cost		best case	likely case	worst case
		' GBP	' GBP	' GBP			' GBP	' GBP	' GBP
1	Actual Contract Value according Job Site Estimate incl. Approved Change Orders	281,252	281,252	281,252	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-255,737	-255,737	-255,737
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				
£ 4	Risks not included in JSE	0	0	0	£ 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	136	94	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				
£ 5	Chances	0	0	0	£ 5	Chances	5,971	3,699	0
6 =1+3+4+5	Forecast Final Revenue	281,252	281,252	281,252	6 =1+3+4+5	Forecast Final Costs	-249,766	-252,038	-255,737

		Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)		Revenue	281,252		
		Costs	-249,766		
		Result	31,486		
% Gross Margin based on Revenue Best Case		Revenue: 281,252	11.20%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)		Revenue		281,252	
		Costs		-252,038	
		Result		29,214	
% Gross Margin based on Revenue Likely Case		Revenue: 281,252		10.39%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)		Revenue			281,252
		Costs			-255,737
		Result			25,516
% Gross Margin based on Revenue Worst Case		Revenue: 281,252			9.07%
Gross Margin previous month (most likely case)			11.07%	10.26%	8.95%

	Project: Edinburgh Tram Network as per: 31/12/2012	 BILFINGER Bilfinger Construction GmbH
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001JE54 Edinburgh Tram Network 2012-12
Reporting Month: 56. Report Period, 31/12/2012

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	Actual Allowable incl. agreed VO's	Allowable for unapproved VO's	Variance to Date	Revised DJC IQxDJC-Rate	Variance to Date	Actual Cost with Accruals	Actual Allowable	Variance	Budget Original WQty.	Budget Orig. Contr. with AQty.	Budget Agreed VO's AQty.	Budget unappr. VO's AQty.	Budget Total AQty.	Revised DJCT AQty.	% Complete	Cost to Complete (AQ-IQ)	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)
1	2	3	4	5=3+4	6	7	8=(6+7)-5	9	10= 9-5	11	12	13=12-11	14	15	16	17	18=15+16+17	19	20=9/19	21=19-9	22=5+21	23=18-22	24=8/20
Total Cost incl. Prime Cost Sums		195,206,364	-153,921	195,052,443	195,057,701		5,258	195,006,253	-46,190	5,735,609	5,688,281	-47,328	251,909,780	251,909,780	8,286,265		260,196,045	255,736,599	76.3 %	60,730,346	255,782,789	4,413,256	6,891
Prime Cost Sums 0 / 0		0																					
Total Cost without Prime Cost Sums		195,206,364	-153,921	195,052,443	195,057,701		5,258	195,006,253	-46,190				251,909,780	251,909,780	8,286,265		260,196,045	255,736,599		60,730,346	255,782,789		

REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 1.0998, PFB = 1.0809)

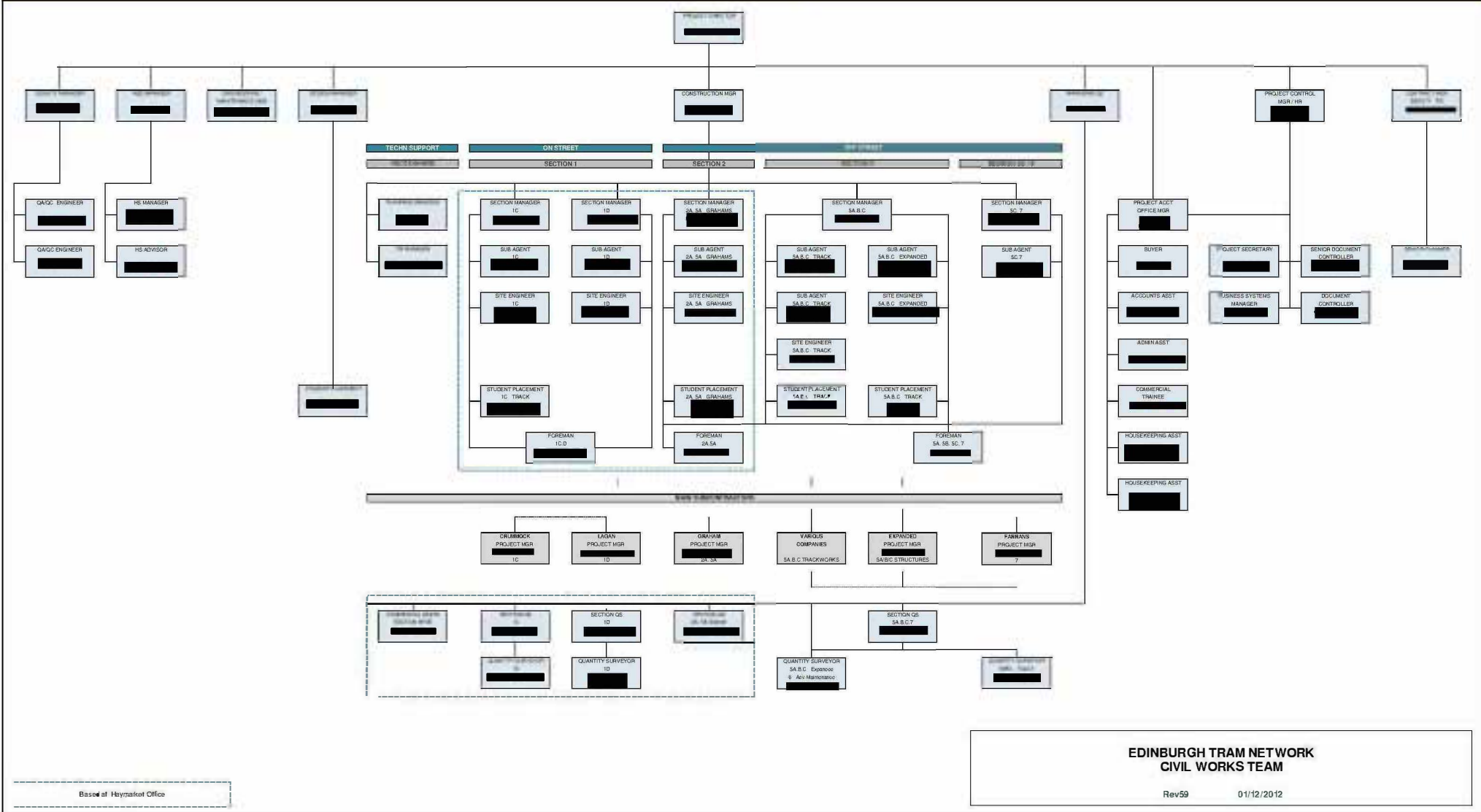
Total Cost without Prime Cost Sums		195,052,443	195,057,701		195,006,253			251,909,780	251,909,780	8,286,265		260,196,045	255,736,599		255,782,789
Gross Margin			15,780,168		19,461,624			19,632,511	19,632,511	1,423,775.00		21,056,286	25,515,732		25,469,542
Gross Margin in % of Performance			7.48 %		9.07 %			7.23 %	7.23 %	14.66 %		7.49 %	9.07 %		9.06 %
Performance without Prime Cost Sums			210,837,869		214,467,877			271,542,291	271,542,291	9,710,040		281,252,331	281,252,331		281,252,331
Actual Cost to date			195,052,443		195,052,443										
Gross Margin to date			15,785,426		19,415,434										
Gross Margin to date in % of Performance			7.49 %		9.05 %										
Performance Prime Cost Sums															
Total Performance			210,837,869		214,467,877			271,542,291	271,542,291	9,710,040		281,252,331	281,252,331		281,252,331
Revenue according WBS															

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0998, PFB = 1.0809)

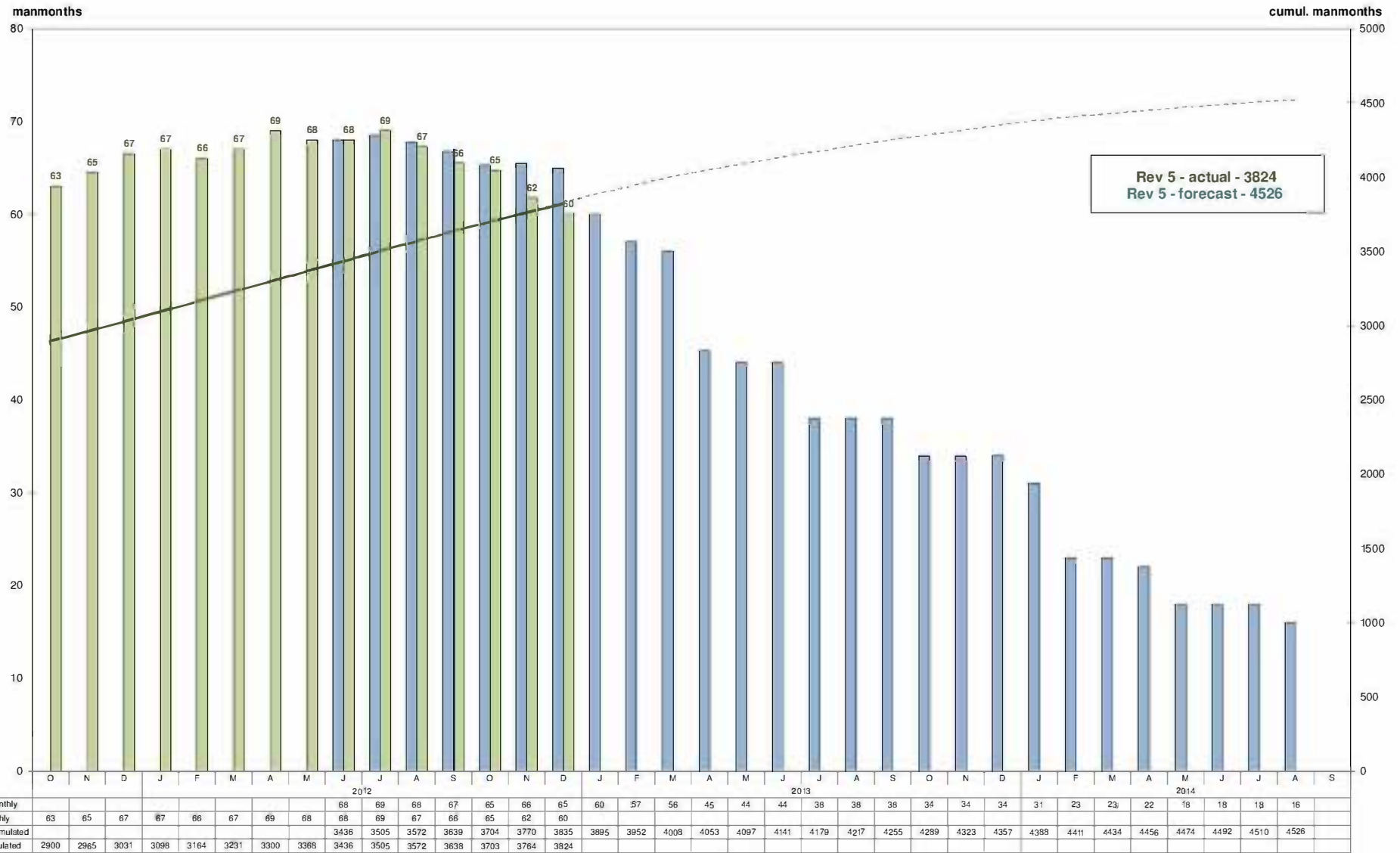
Total Cost without Prime Cost Sums		195,057,701	195,006,253		251,909,780	251,909,780	8,286,265		260,196,045	255,736,599		255,782,789
Gross Margin		15,780,168	19,461,624		19,632,511			21,056,286	25,515,732		25,469,542	
Gross Margin in % of Performance		7.48 %	9.07 %		7.23 %			7.49 %	9.07 %		9.06 %	
valued Performance without Prime Cost Sums		210,837,869	214,467,877		271,542,291	271,542,291	9,710,040		281,252,331	281,252,331		281,252,331
Actual Cost to date		195,052,443	195,052,443									
Gross Margin to date		15,785,426.00	19,415,434									
Gross Margin to date in % of Performance		7.49 %	9.05 %									
Performance Prime Cost Sums (incl. valued performance)												
Total Performance (incl. valued performance)		210,837,869	214,467,877		271,542,291	271,542,291	9,710,040		281,252,331	281,252,331		281,252,331
Revenue according WBS (VO's valued)												
Revenue according WBS (VO's valued by 100%)												



2.05 Organisation Chart



2.06 Staff Chart



2.08a Approved Change Orders

										Job Estimate Budgets									
PRC	INC	SEC	EST	Design	EST	CON	SW	Section / Activity	Description	Date Issued	Revenue	EST	Design	Construction	Provision	Margin	Margin %	Notes	
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%		
	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 portals 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%		
	504	506						1C	66	Inclusion of Blenheim Place redesign (for THO) within Picardy Place redesign - instruction	26/10/2011	46,247.00	34,282.43		7,760.30	4,204.27	9.09%		
	505	513						1C	66.12	Incorporating New run time model based on York Place Terminal Agreement	29/11/2011	228,652.80	168,498.00		38,368.18	20,786.62	9.09%		
	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%	
	507	501C						1C	66	St Andrew Square Public Realm Design finalisation	30/10/2012	133,075.48	98,647.50		22,830.21	12,097.77	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	Valve chamber access and alterations to 800mm water main at depot	28/02/2012	98,909.25		71,637.84		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. CVI Ref #ARR6/015	22/11/2011	5,750.46		3,440.00	822.76	984.93	522.77	9.09%	
12	512	505A						1A	66	Incorporate AECOM design for Ocean Terminal Bypass Road	28/02/2012	53,685.15		39,796.26		9,008.43	4,880.47	9.09%	
13	508	507						7A	66	New Road Safety Audit to achieve AA/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		116,286.50		26,323.04	14,260.95	9.09%	
16	514	554						SWON	15	Utility mapping	29/02/2012	92,756.07			68,759.13	15,564.57	8,432.37	9.09%	
17	516	565							58	Additional watermain requirement at Depot and Mini Test Track	26/04/2012	51,281.72			38,014.62	8,605.13	4,661.97	9.09%	
18	517	539							63	Additional WT Ducts at Depot and Mini Test Track	16/01/2012	2,996.00		2,220.90		502.73	272.36	9.09%	
19	524	586							66.62	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 WT Lines to avoid provision of direct FO link from Princes Street to	29/11/2012	4,535.57		3,862.17		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	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%	
38	549	510						1D	14	Move 3 No OLE's (St John's Church) to central reserve (SV200G)	22/11/2011	TWC							
39	550	514						OH	66	Move OLE's in Shandwick Place and amend Landscaping	19/12/2011	TWC							
41	534	556						5A/6C	54	Scottish Power insurance Ducts	01/05/2012	5,636.59		4,178.35		945.83	512.42	9.09%	
42	540	509A							54.66	Amendment to landscaping scope at plot 30.4 section 7	01/02/2012	2,011,120.00	3,788.00	152,856.21		33,748.15	18,283.64	9.09%	
45	555,557,562	521C						OH	66	Siemens OLE design update	06/09/2012	98,255.91	72,836.11		16,487.45	8,932.36	9.09%		
46	566	535A						OH	66	On-Street design changes due to utilities conflicts	12/01/2012 01/06/2012	40,359.38		29,918.00		6,772.35	3,669.03	9.09%	
47	568	537A						OH	66	On-Street Design Changes due to transform conflicts	18/04/12	10,864.85		8,054.00		1,823.13	987.71	9.09%	
48	563	516D						OH	66	SDS to provide services of Matt Hill	02/10/2012	131,649.11		97,590.15		22,090.86	11,688.10	9.09%	
50	567	536C						OH	66	On-Street drainage design changes due to utilities conflicts	06/09/2012	117,900.23		87,398.24		19,783.78	10,718.20	9.09%	
51	568	522A						OH	65	Provision of CAD Technician	03/02/2012	1,693.00		1,255.00		284.09	153.31	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%	
55	564	531						SWON	15	Worksite Modelling for TM at Waverley Court	21/12/2011	TWC							

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PRC	SC	CD	EST	Design	EST	COST	34-41	Section / Activity	Description	Date Issued	63	Revenue	Job Estimate Budgets					63				
													EST	Design	Construction	Provision	Margin		Margin %			
56	563	534						OH	66	On-Street design of circular pile caps	09/01/2012	TWC										
57	569	538						OH	64	Running costs with the CEC office extension at Edinburgh Park	12/01/2012	79,220.00	68,866.96	3,131.22	7,201.82	9.09%						
59	561	528						1A	31	Value Engineering Forth Port 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	34,458.86	25,544.00		5,782.23	3,132.62	9.09%					
63	574	542A						2A	61	Haymarket Viaduct delete part 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	1,276.31	9.09%				
65	577	544A						2A	61	Omit construction of Haymarket Substation retaining wall and plinth	06/11/2012	4,607.82		3,697.21		491.72	418.89	9.09%				
66	578	546						SWON	15	Remove site investigation allowance	03/02/2012	57,984.00		52,712.73		0.00	5,271.27	9.09%				
70	586	557A						1C	66	Amended Design on St Andrew Square	20/08/2012	15,227.51		11,288.00		2,555.19	1,384.32	9.09%				
71	587	555B						SWON	66	Revised Sett Locations and new Sett 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	Delete Roseburn Viaduct Trespa cladding	09/02/2012	308,004.00		280,003.84		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 14/08/2012	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	12/06/2012	133,140.45		98,695.66		22,341.11	12,103.68	9.09%				
92	595	566						2A	61	Deletion of crew relief facilities	08/05/2012	74,001.12		54,856.28		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	10,797.88		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		1,406.54		318.84	172.74	9.09%				
93	705	626						2A	66	Haymarket redesign due to LOD constraints	14/11/2012	13,669.05		10,132.73		2,293.68	1,242.64	9.09%				
94	607	623						SW	12,13,14	Delete Requirements at tall 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	38,851.41		27,317.58		6,183.71	3,350.13	9.09%				
112	618	576							63	Alteration to 1800mm Diameter Manhole	19/06/2012	6,176.31		4,578.44		1,036.39	561.48	9.09%				
115	620	569A							66	Airport Tram Stop Design	27/09/2012	17,783.67				2,964.45	1,616.72	9.09%				
117	622	569						SW	53	Payment for power supplies provided by CEC (Siemens Reference SV-0132h)	16/07/2012	TWC										
119	627	598						1D	66	St Johns Church deletion of pedestrian barrier	21/08/2012											
120	623	596							25	Gogar Depot Repair	26/06/2012	1,867.16		1,384.10		313.31	169.74	9.09%				
121	663	588						5C	63	Estimate for CEC for purchasing the existing herastencing surrounding the Mint East Track	16/07/2012	6,423.88		4,761.96		1,077.93	583.99	9.09%				
124	636A	571A						5C	54	Twin Crossings at Lechlade Avenue	01/08/2012	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	16/12/2012	16,063.95		11,908.04		2,695.55	1,460.36	9.09%				
140	640	585						5B	67	Unimog - Insurance Premium	11/07/2012	TWC										
147	641	630						1C	12	Cathedral Lane Tram Substation RTW	27/11/2012	TWC										
148	643	572B						5C	54,66	Edinburgh Gateway Works, Design & Construction	26/08/2012	2,972,732.16		126,196.00		2,077,460.16	498,827.62	270,248.38	9.09%			
150	647C	577E						1C	66	Design on street works carageway reconstruction	14/01/2012	23,886.74		17,707.00		4,008.22	2,171.52	9.09%				
151	648	579						10D	66	Design cabinet positions for street lighting Princes Street	19/05/2012	TWC										
153	651A	625						SW		Defer installation of Tramstop shelter and FR Out	31/10/2012	TWC										

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PRC	INC	ICD	EST	Design	EST	COST	34-41	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Revenue
												EST	Design	Construction	Provision	Margin	
155	657	582A						ICD	66 As-Built Drawings Princes Street	11/10/2012	3,271.33			548.93	297.39	9.09%	
156	653	563						IC	66 DWG CAD Drawings Design York Place	22/06/2012	TBC						
169	662	590A						7A	62 Topographical Survey	11/12/2012	2,586.95		1,917.68	434.09	235.18	9.09%	
170	667	594						2A	66 Call off service to respond Network Rail Technical Queries	27/09/2012	9,456.49		7,010.00	1,586.81	859.68	9.09%	
171	688	595						1C	12 York Place, De-scope of Works	12/07/2012	1,015,155.60		966,815.09		48,340.71	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						IC	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							
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	631						ON	66 On Street Provision of DWG drawings - Drainage	27/11/2012	689.36		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 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	591A						5C	62 Gogar Castle Access Road, works following Road Safety Audit - additional area of high friction surfacing	06/11/012	3,186.34		2,362.00	534.67	289.67	9.09%	
206	691	605						1C	66.10c Cathedral Lane, Tram Substation: Investigate and amend design of Cathedral Lane Retaining Wall	05/09/2012	10,000.00		7,412.90	1,678.01	909.09	9.09%	
207	672	608						ON	66 Review and amend design for On Street Drainage	14/11/2012	9,059.68		6,716.00	1,520.26	823.63	9.09%	
206	620							SW	66 Cost Engineering in respect of the Programme	18/10/2012	3,162,987.12		2,614,038.94		548,948.18	17.36%	
213	689	609						ON	66 On Street Road Sign Bases, Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TBE-2s) - DESIGN	14/11/2012	22,872.30		16,955.00	3,838.00	2,079.30	9.09%	
214	683	604						62	62 Trial holes to locate Scottish Water pipe at Gogarburn	18/09/2012	TBC						
215	701	614						62.66	62.66 Reinstatement works at the Airport	26/09/2012	5,000.00		3,706.45	839.01	454.55	9.09%	
216	702	615						62	62 Eastfield Avenue pedestrian crossing; provide and install STRAIL panels	26/09/2012	TBC						
217	695	613						62	62 Tanker Access North of GCRC exit at Burnside Road; temp road surface and install kerbs at Edinburgh Airport	26/09/2012	TBC						
15	513	ICCD						ID	15 Utility Conflict Verification	31/12/2012	17,210.11		12,757.68	2,867.87	1,564.56	9.09%	
25	543	ICCO						ID	14 Utilities affecting the construction of OHLE foundations in Haymarket H1	31/12/2012	258,160.27		186,698.55	47,992.60	23,469.12	9.09%	
26	521	ICCO						ID	14 Provide temporary accommodation and Welfare facilities	31/12/2012	1,542.96		1,143.78	258.91	140.27	9.09%	
35	547	ICCO						ID	14 Haymarket H1: Third Party affecting our ability to progress the works	31/12/2012	4,079.69		3,024.98	684.61	370.90	9.09%	
36	546	ICCO						ID	14 Haymarket H1: FT Fibre Optic Service required Diverted	31/12/2012	83,052.94		61,566.90	13,936.37	7,550.27	9.09%	
37	526	ICCO						ID	14 Haymarket 1 - SH Trench Excavation to Validate Utilities	31/12/2012	6,565.45		4,866.90	1,101.69	586.86	9.09%	
36	549	ICCO						PSOW	13 Move 3 No OLE's (St John's Church) to central reserve	31/12/2012	32,642.25		24,197.37	5,477.40	2,967.48	9.09%	
40	535	ICCO						PSOW	13 Scottish Water Diversion at Junction of Princes Street and South St David Street	31/12/2012	252,985.51		187,535.59	42,451.24	22,998.68	9.09%	
43	551	ICCO						PSOW	13 Xmas Embargo demob and temp. reinstatement	31/12/2012	203,510.77		150,860.47	34,149.32	18,500.98	9.09%	
52	554	ICCO						ICD	15 ICD: Early Implementation Of Tim Phase 4 & 5	31/12/2012	250,779.77		185,900.50	42,081.11	22,798.16	9.09%	
55	564	ICCO						ICD	15 ICD: Work Site Modelling for revised On Street Traffic Management arrangements	31/12/2012	9,416.02		6,980.00	1,580.02	856.00	9.09%	
66		ICCO						ID	14 ID: Utilities Affecting Ability To Place System Drainage	31/12/2012	11,321.71		31,048.14	20,755.68	1,029.25	9.09%	
69		ICCO						ID	14 ID: Geotextile Liner To Clifton Terrace Void	31/12/2012	1,760.16		1,304.79	295.36	160.01	9.09%	
72		ICCO						ID	14 ID: Utilities affecting the construction of OHLE foundations in St Andrew	31/12/2012	297,286.11		208,692.59	61,567.51	27,026.01	9.09%	

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PRC	INC	ICD	EST	Design	EST	COST	S4-15	Section / Activity	Description	Date Issued	EST	Job Estimate Budgets					Margin %
												Revenue	EST	Design	Construction	Profitability	
77	583C	ICCD						SW 13/14/15	Clarification of requirements for sets on the On Street Works	31/12/2012	50,793.90			37,653.00	8,523.27	4,617.63	9.09%
79		ICCO						IC 12	IC: St Andrew Sq: Third Party affecting our ability to progress the works	31/12/2012	236,653.13			175,428.56	39,710.65	21,513.92	9.09%
87		ICCO						IC 12	IC: Utilities affecting the construction of OHLE foundations in St Andrew Sq	31/12/2012	43,428.90			27,635.68	11,645.13	3,948.08	9.09%
88	584C	ICCO						ICD 12/14	ICD: Residual Road Value Engineering	31/12/2012	78,254.77			48,000.00	23,140.70	7,114.07	9.09%
99		ICCD						ID 15	ID: Utilities affecting the ability to progress track excavation Shandwick S1	31/12/2012	10,915.24			8,091.36	1,831.59	992.29	9.09%
100		ICCO						ID 15	ID: Utilities affecting the ability to progress track excavation Shandwick S2	31/12/2012	9,582.41			7,103.34	1,607.94	871.13	9.09%
101		ICCO						ID 15	ID: Third Parties affecting the ability to progress track excavation Shandwick S2	31/12/2012	7,160.91			5,308.31	1,201.61	650.99	9.09%
103		ICCO						IC 12	IC: St Andrew Square: Design, Enabling and Ongoing Maintenance of Temporary Bus Station	31/12/2012	6,685.24			6,586.54	1,490.95	807.75	9.09%
108		ICCO						ICD 13	ICD: Mound Works	31/12/2012	30,374.66			22,516.43	5,096.90	2,761.33	9.09%
109		ICCO						ICD 13	ICD: Manhole Inspections and Duct Proving	31/12/2012	23,080.46			17,109.31	3,872.93	2,098.22	9.09%
110		ICCO						ICD 13	ICD: Duct Chamber and Bedding drawing amendments	31/12/2012	9,426.15			6,987.51	1,581.72	856.92	9.09%
128		ICCO						ID 14	ID: Hand dig to expose utilities crossing inbound duct bank within S1 at Shandwick Street and Lothian Road Junction for IT to action	31/12/2012	5,581.32			4,144.79	939.23	508.30	9.09%
127		ICCO						ID 14	ID: Utilities affecting ability to install System Ducting through S2 (South Duct Bank)	31/12/2012	17,284.16			12,812.57	2,900.30	1,571.29	9.09%
128		ICCO						ID 14	ID: Remove and Reinstale with Traps IMU and Track Drainage laid by other within H1	31/12/2012	4,677.71			3,467.54	784.92	425.85	9.09%
129		ICCO						ID 14	ID: Discovery of unsuitable material below formation of base 13/204A within H2	31/12/2012	4,525.67			3,354.83	759.41	411.42	9.09%
130		ICCO						ID 14	ID: Remedial works required on the partial return of H1 to infraco on 21 May 2012	31/12/2012	668.17			495.31	112.12	60.74	9.09%
132		ICCO						ID 14	ID: Transfer plant and materials back to H2 from S4 to recommence works to OHLE bases. Site vacated for T&T	31/12/2012	1,062.30			787.47	178.25	96.57	9.09%
133		ICCO						ID 14	ID: Excavate Trial Holes in locations of base piles through Shandwick S4 behind the existing stone wall to establish foundation depth	31/12/2012	3,299.24			2,445.69	553.62	299.93	9.09%
135		ICCO						ID 14	ID: Remove and Reinstale with Traps IMU and Track Drainage laid by other within S1 (East End) and S2	31/12/2012	9,043.56			6,703.90	1,517.52	822.14	9.09%
137	637	ICCD						IC 13	IC: Remove existing pedestrian crossing at junction of St Andrews Square and Princes Street	31/12/2012	5,212.66			3,894.09	874.69	473.88	9.09%
144	639D	ICCO						IC 15	IC: York Place Closure: Design, Enabling and Ongoing Maintenance	31/12/2012	164,947.46			122,273.88	27,678.36	14,995.22	9.09%
145	645	ICCO						PSOW 13	PSOW: Outstanding Works to Princes Street	31/12/2012	189,144.02			140,210.54	31,736.57	17,194.91	9.09%
157		ICCO						ID 14	ID: Warning of track excavations due to installation of floating track slab in H3 Outbound	31/12/2012	3,014.45			2,234.58	505.83	274.04	9.09%
158		ICCO						ID 14	ID: Remedial works for reinstatement of the formation level and collapsed ducts in handback areas (SP1 & SP3)	31/12/2012	5,217.15			3,867.42	875.44	474.29	9.09%
159		ICCO						ID 14	ID: Works required to deal with existing services within Comms and Traction duct trenches within H1, H2 & H3	31/12/2012	13,692.92			10,150.42	2,297.69	1,244.81	9.09%
160		ICCO						ID 14	ID: Utilities affecting the working space to all OHLE bases within H2 impacting on formwork and reinforcement	31/12/2012	3,027.78			2,244.46	508.06	275.25	9.09%
161		ICCO						PSOW 13	PSOW - Remedial works to Traffic Signal works	31/12/2012	5,534.43			4,102.62	928.66	503.13	9.09%
162		ICCO						PSOW 13	PSOW: Watermain Ducting (previously T/A4)	31/12/2012	13,490.00			10,000.00	2,263.64	1,226.36	9.09%
163		ICCO						PSOW 13	PSOW: Additional OLE Remedials (previously T/A3)	31/12/2012	3,322.45			2,462.90	557.51	302.04	9.09%
164		ICCO						PSOW 13	PSOW - Traffic signal ducting works - drawing change	31/12/2012	2,672.60			2,129.58	482.06	261.16	9.09%
165		ICCO						PSOW 13	PSOW: Tram Stop Additional Works (previously T/A2)	31/12/2012	16,515.04			12,242.43	2,771.24	1,501.37	9.09%
168		ICCO						PSOW 13	PSOW: Water Valve (previously T/A1)	31/12/2012	451.11			334.40	75.70	41.01	9.09%
167		ICCO						ID 14	ID: Additional TM requirements at Canning Street/ Shandwick Place Junction as CEC instruction	31/12/2012	1,132.85			839.77	190.09	102.99	9.09%
180								ID 15	Review of single buslane running west to east through Coates Crescent on to Princes Street via Shandwick Place	31/12/2012	1,695.35			1,405.00	318.04	172.30	9.09%
182								IC 15	Temporary Traffic Management to retain existing access to Bus Station on Elder Street TNC 67B & TNC 67A	31/12/2012	10,515.46			7,795.00	1,764.50	955.95	9.09%
184								IC 15	Removal of temporary traffic management from Princes Street between Waverley Bridge and South St Andrew Street (the partial plus) TNC 665	31/12/2012	1,612.08			1,195.00	270.50	146.55	9.09%
187		ICCO						ID 14	Remedials on handback to H1.2.3	31/12/2012	7,822.10			5,798.44	1,312.56	711.10	9.09%

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PRC	INC	ICD	EST	Design	EST	Q1/12	Q2/12	Q3/12	Q4/12	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Revenue	
														EST	Design	Construction	Provision	Margin		Margin %
188		ICCD								ID 14	OLE 131,128A fill below formation	31/12/2012	8,264.62			6,126.48	1,386.61	751.33	9.09%	
190		ICCD								PSOW 13	PN 43 investigation	31/12/2012	988.91			733.07	165.94	89.90	9.09%	
191		ICCD								ID 14	Contaminated Material in SP4	31/12/2012	61,619.10			45,677.61	10,339.75	5,601.74	9.09%	
193		ICCO								ID 14	Placement and removal of material between trackslab in SP2 & SP6	31/12/2012	1,933.78			1,433.49	324.49	175.80	9.09%	
205		ICCO								ID 14	Shardwick Place, additional kerbing and footpath reinstatement	31/12/2012	21,900.22			16,234.41	3,674.88	1,990.93	9.09%	
206		ICCO								IC 12	Cathedral Lan Substation Investigation Works	31/12/2012	3,409.48			2,527.41	572.11	309.95	9.09%	
220		ICCD								IC 12	Additional Central Reserve Works	31/12/2012	6,268.12			4,646.49	1,051.80	569.83	9.09%	
227		ICCO								IC 12	York Place Hoarding	31/12/2012	2,375.37			1,760.84	398.59	215.94	9.09%	
237		ICCO								ICD 15	Tracking and Modelling CEC request	31/12/2012	6,023.29			4,465.00	1,010.71	547.57	9.09%	
238		ICCO								IC 12	Making Manhole shutters and enrobed	31/12/2012	7,567.43			5,609.66	1,269.82	687.95	9.09%	
239		ICCO								IC 12	IC3 Re-scope of De-scoped Ducting	31/12/2012	2,892.26			2,144.00	485.32	262.93	9.09%	
240		ICCD								IC 12	Additional Kerb cost for supply as new	31/12/2012	14,977.95			11,103.00	2,513.32	1,361.63	9.09%	
TOTALS													9,710,040.46	4,970,981.09	1,349,824.28	655,631.83	1,309,828.02	1,423,775.24	14.66%	
													8,286,265.21							

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	560				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				1C	SDS to provide full time attendance for 4wks at Cathedral Lane	10/05/2012						
154	656				SW On	Defer installation of Tramstop shelter and FiOut. (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 Rodos Bar	20/08/2012						
224					1C	Construction of Cathedral Lane Substation and Retaining Walls	08/10/2012	180,205	117,133	81,092	180,205	+	
226	696					Carry out surveys to locate SGN Gas Main and provide as built drawings	12/10/2012						
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	+	
229	711				2A	Fencing requirements for Murrayfield, Scotrail and Royal Mail	29/10/2012						
230	712				5A	Install ramp and security fence at Murrayfield Wanderers Football Club	29/10/2012	34,762	22,585	15,643	34,762		
232	714				5A	Edinburgh Park Central Lighting	05/11/2012						
243	726				5A	Deletion of Thistle Emblem in Murrayfield paving and complete to match existing paving	07/12/2012						
244	709				5A	Scotrail Carpark - Replace soil landscaping with hard landscaping	14/12/2012						
TOTALS								1,749,436	1,137,134	787,246	1,749,436		
											submitted		
											maximum potential of changes	1,749,436	

Project: **Edinburgh Tram Network**

as per: **31/12/2012**



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	12,121,958	12,575,673	453,715	0	0	0	12,575,673	17/10/2012	17/10/2012	12,575,673
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	15,390,910	12,185,468	-3,205,443	0	0	0	12,185,468	14/11/2012	14/11/2012	12,185,468
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	12,586,954	12,524,639	-62,315	0	0	0	12,524,639	12/12/2012	12/12/2012	12,524,639
Dec-12	ACCUM.	214,467,877		243,169,810	242,935,734	-234,076				242,935,734			242,935,734
												242,935,734	

Project: **Edinburgh Tram Network**

as per: **31/12/2012**



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 12/11 Coffey	07/09/2012	2	2	100%	3 no. Observation/Suggestion for improvement
ETN QA 12/18 P92	05/09/2012	1	0	0%	0 no. Observation/Suggestion for improvement
ETN QA 12/24 Crummock	11/09/2012	2	2	100%	3 no. Observation/Suggestion for improvement
ETN QA 12/12 Bilfinger Requirements	13+20/09/2012	3	3	100%	3 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 12/01	17/07/2012	1	1	100%	
T&T Quality Audit 12/02	02/10/2012				Awaiting Formal Report
BSI Audit	14-15/11/2012	0	0	N/A	
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	54	11	26	48%	39	3	30	1	77%
1D	57	22	46	81%	37	1	17	1	46%
2	33	26	21	64%	115	4	106	0	92%
5A	81	47	40	49%	45	4	32	3	71%
5B	97	35	67	69%	80	1	33	2	41%
5C	53	16	41	77%	58	1	44	10	76%
6	36	0	36	100%	125	0	124	0	99%
7	162	33	156	96%	66	3	52	7	79%
System NCRs (non-audit)					574	17	446	24	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 records for section B handover is ongoing with Inspection and Test Records being received from Farrans. Inspection and Test Records are being received from some other contractors as works progress. The BSI 3 badge surveillance audit was held on the 14th and 15th of November. No Quality NCR's were raised. The Client (T&T) is continuing to carry out audits on elements of the Quality Management System. Formal reports are awaited.

2.12 Safety Information System - SIS

Bilfinger Berger Civil⁵ - Monthly Safety Report Form Nr 0611a

Month Dec-12	Prepared by [REDACTED]	bilfinger.co.uk
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Site/or office and Unit ⁵	BBIB ¹ Managers, Supervisors, Foremen	BBIB ¹ workers	JV people under BBIB control	Sub-contractors ³	Agency / hired people / BBSE workers eg BIS	Total	Others, eg public
Number	58		44	352		454	
Hours ²	15085		10414	106229		131728	

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							
Serious: over 3 days injury							
Duty travelling / commuting 1D+							
LT: 1 -3 days injury				1		1	
1st Aid only							
Calendar days lost this month + from any previous ongoing accidents							

Incidents

Damage				1		1	
Environment Ecology / Pollution							
Not work related eg flood, bomb scare							
Near misses, hazards reported							

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

Return to OHS-Wi by 8th of following month	OHS-Wi email: QM@civil.Bilfinger.com	OHS-Wi fax 0049 (0)611 708 789
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1. Average number of BBIB 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 BBIB 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+

2.13 Project Photographs

Picture 01

Section 1C

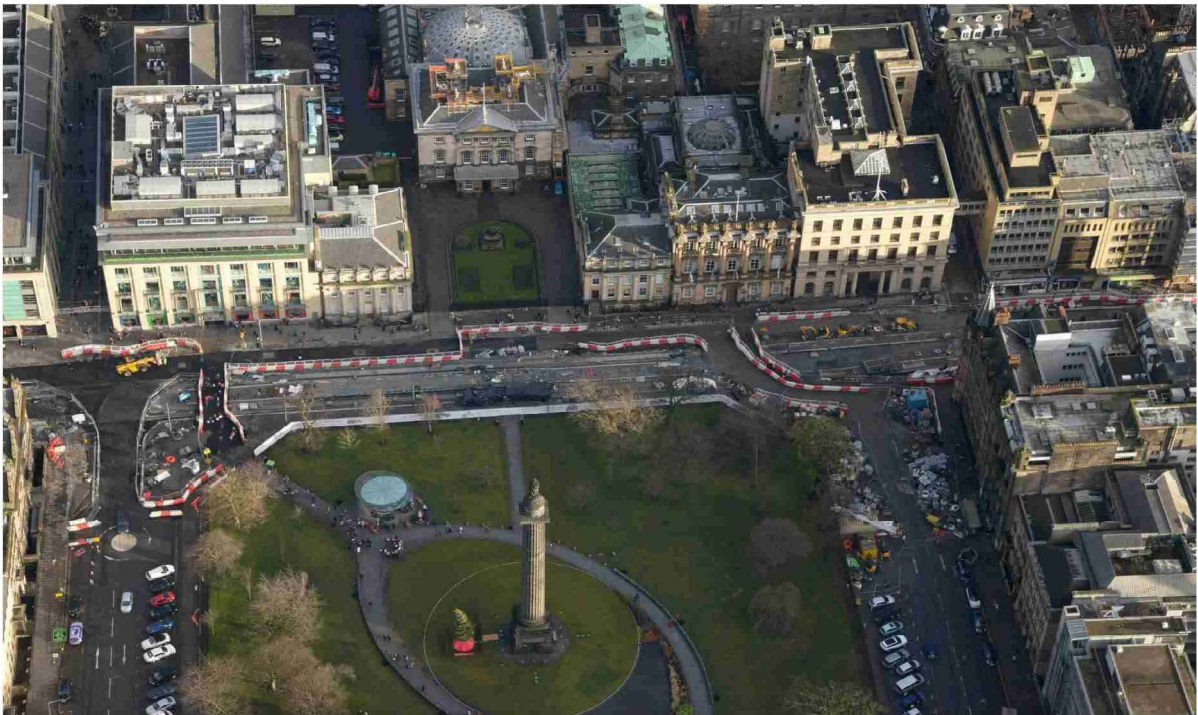
Trackworks to York Place



Picture 02

Section 1C

St Andrew Square



2.13 Project Photographs

Picture 03

Section 1C

St Andrew Square / Princes Street



Picture 04

Section 1D

Shandwick Place



2.13 Project Photographs

Picture 05

Section 1D

Shandwick Place



Picture 06

Section 1D

Shandwick Place



2.13 Project Photographs

Picture 07

Section 5A

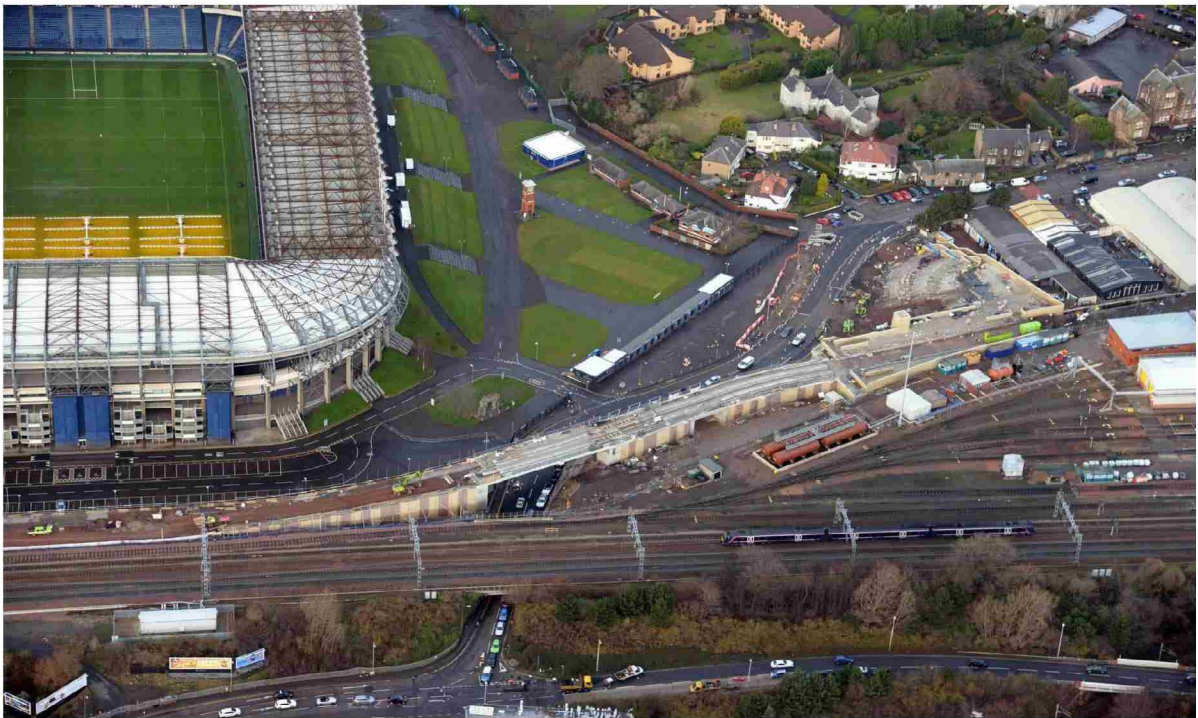
Murrayfield Stadium Tram Stop / Roseburn Bridge



Picture 08

Section 5A

Murrayfield Stadium Tram Stop / Roseburn Bridge



2.13 Project Photographs

Picture 09

Section 2A

Russell Road Bridge



Picture 10

Section 5A

Water of Leith Bridge



2.13 Project Photographs

Picture 11

Section 5A

Track on Murrayfield Retaining Walls



Picture 12

Section 5B

South Gyle Access Bridge

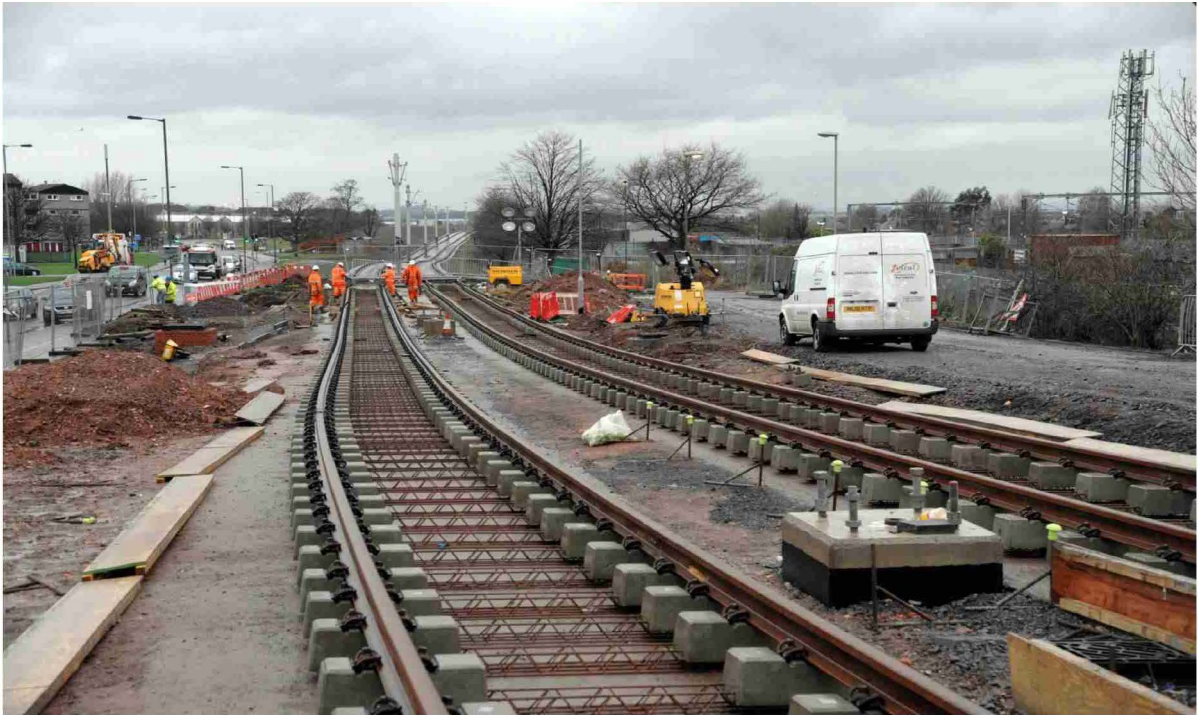


2.13 Project Photographs

Picture 13

Section 5B

Trackworks Carrick Knowe to Guided Bus Way



Picture 14

Section 5B

Edinburgh Park Tram Stop

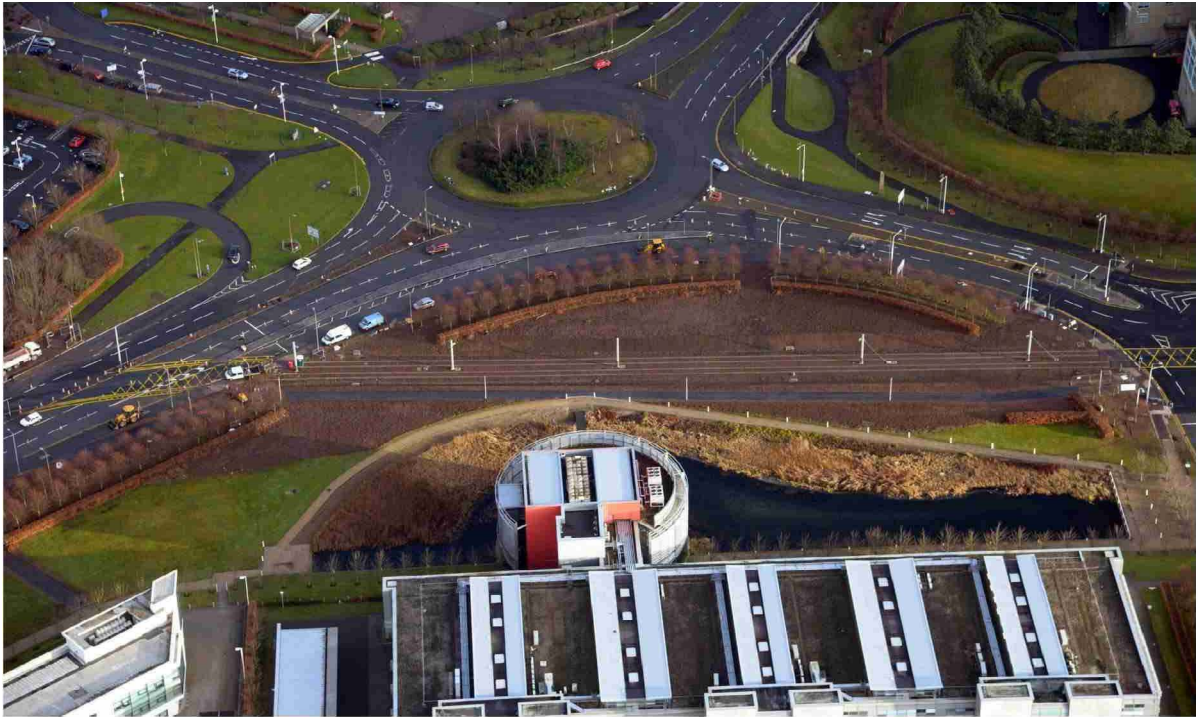


2.13 Project Photographs

Picture 15

Section 5C

South Gyle Broadway Crossings



Picture 16

Section 5C

Edinburgh Gateway



2.13 Project Photographs

Picture 17

Section 5C

Trams on test run passing the Depot



Picture 18

Section 5C / 6

Depot and track line in front



2.13 Project Photographs

Picture 19

Section 5C

Gogarburn Tramstop



Picture 20

Section 7

Ingliston P&R Tramstop

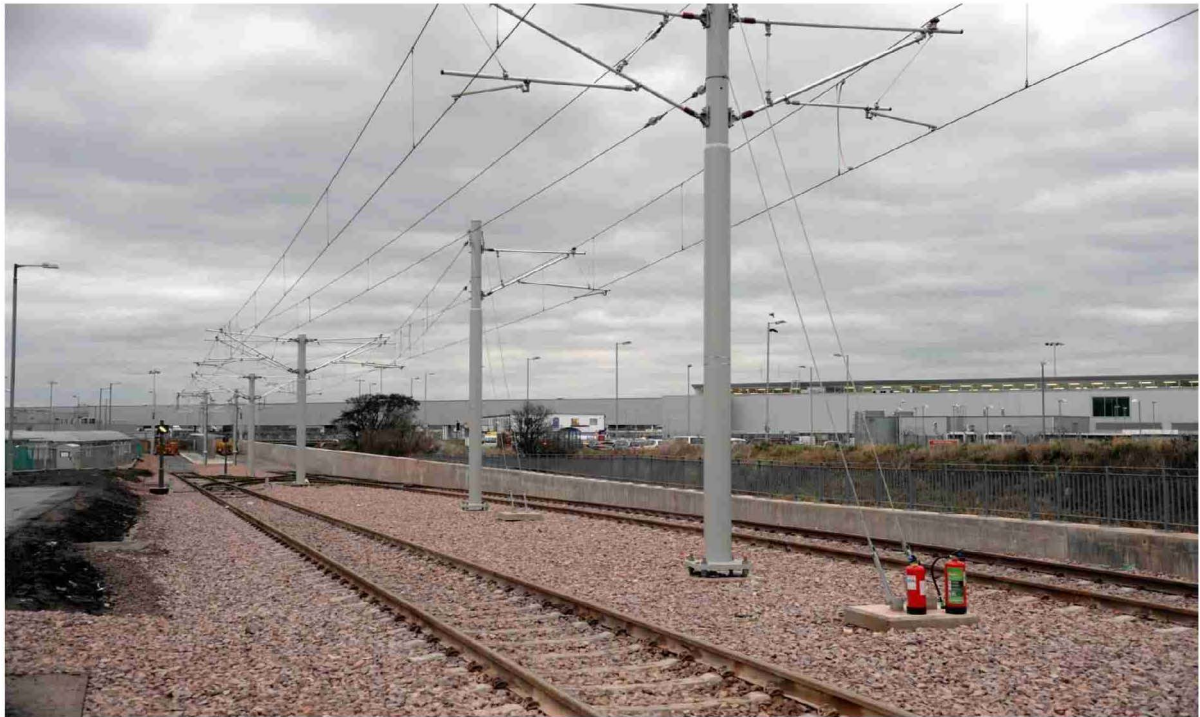


2.13 Project Photographs

Picture 21

Section 7

Airport Tram Stop / Airport End



Picture 22

Section 7

Airport Tram Stop / Airport End



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