



BILFINGER Bilfinger Construction GmbH

EDINBURGH TRAM NETWORK

Monthly Project Report September 2013



Monthly Report Major Projects

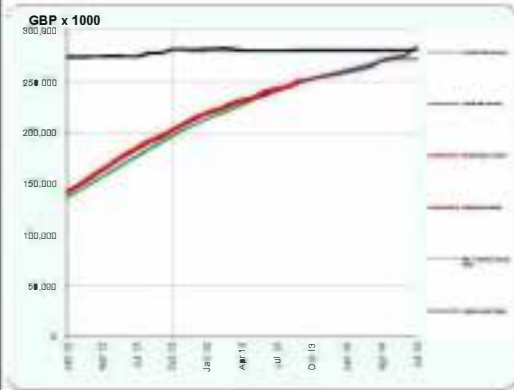
Project: Edinburgh Tram Network

Reporting Period: September 2013

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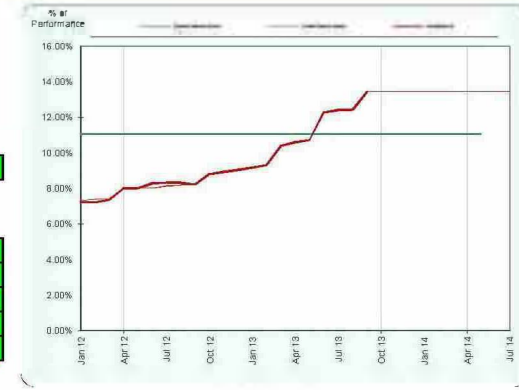
1.01 Project Overview Charts



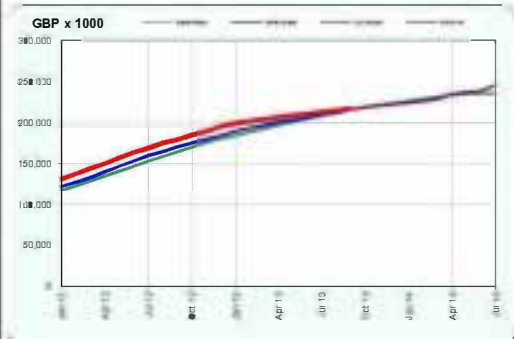
Performance

	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		280,376		
Claims / Variations approved				8,834		
Claims / Variations not approved				142		
Performance		249,928	249,656	250,573	100.4%	green
Actual Cost to Date				216,935	100.0%	green
Result	11.07%	7.23%	13.44%	13.42%	6.2%	green
Payment Status		249,928	276,142	276,143	100.0%	green
Av.Perf/mth: Rem. & act 3mth			1,031	3,505		green

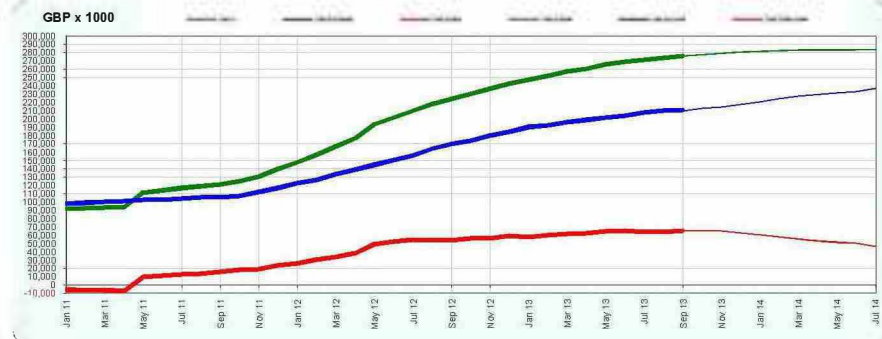
Project Key Figures



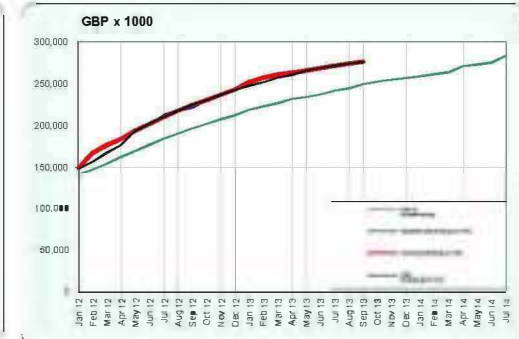
Project Result



Project Cost



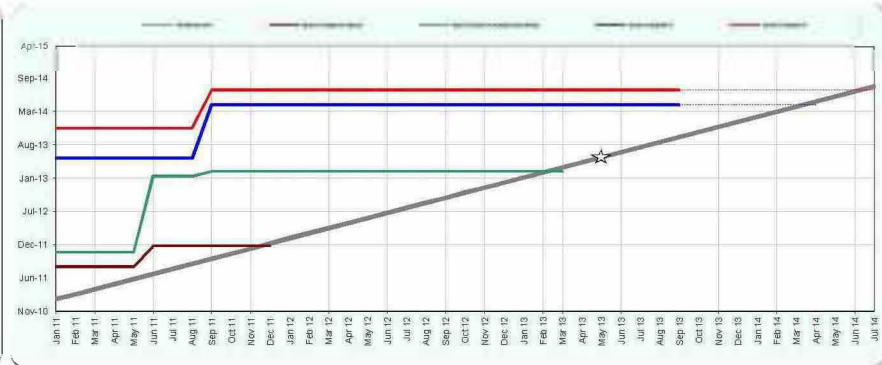
Cashflow



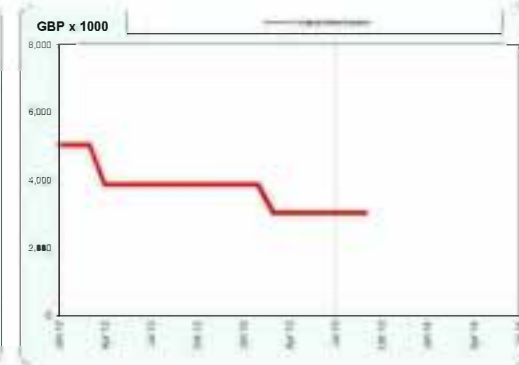
Payment Status



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:	£5,791,704
Planned performance:	<u>£4,874,000</u>
Variance:	£917,704

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:	£33,638,896	or	13.42%
Forecast/planned result:	£38,122,276	or	13.44%
Weighted margin out of R&O:	£39,924,578	or	14.08%

1.2.4 Payment Status

The payments from the client CEC remain in time.

Invoiced net to the client:	£276,143,280
Paid net from the client:	<u>£276,143,280</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:	£277,143,387	(incl. interest income)
Cash out net:	£210,910,826	
Cash balance net:	£66,232,561	

1.2.6 Contingencies

The installed contingency value remains unchanged.

£3,032,396 (see attachment 3.01)

1.2.7 Construction Programme

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

Contractual milestones defined:

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

1.03 General Information

1.3.1	Short note on progress, events this month		
	<p><u>Mobilisation/Demobilisation:</u> None</p> <p><u>Design:</u> Extended construction support on technical queries and as-built drawing production ongoing.</p> <p><u>Procurement :</u> All subcontract arrangements are in place, minor purchase on finishing works and tender enquiry for maintenance ongoing.</p> <p><u>Construction :</u> During September 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 Contract Amount of £ 271.542.291.</p> <p>The Settlement Agreement is based on Programme Rev. 4 (approved) and the commercial implications of this change (Rev. 3A to Rev. 4) have been regulated by a Change Order. Programme Rev. 5 has been agreed without commercial impact compared to Rev. 4.</p> <p>In September 4 new, revised and further works on On-Street changes were issued. The Variation Order value increased by £454,776 to £8,834,160 in total. Further the revenue of Phase 1B was taken into account.</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	64.5 month	64.5 month	87.4 %							
Rate of Exchange Top Sheet:	1 GBP =	1.11 EUR	Actual: 1.19 EUR	Performance to date	250,573,488 GBP		88.4 %							
3. Total Contract Value				Total Previous Month	September 2013	Total Reporting Month								
Date of Contract														
Main Contract Value with Client (Rev 4)				271,542,211 (incl. SDS NovaAgree)	100.00%	279,921,674	103.1%	454,776	280,376,451	103.3%				
Other Contract Value with Client(Phase 1b)						0	0.0%	3,200,000	3,200,000	1.2%				
				279,921,674	103.1%	3,654,776		283,576,451	104.4%					
3. Claims and Variations				Total Previous Month	September 2013	Total Reporting Month								
Claims and Variations approved				8,379,383	3.1%	454,776		8,834,160	3.3%					
Claims and Variations submitted but not approved yet				483,183	0.2%	-341,636		141,547	0.1%					
Claims and Variations under preparation				0	0.0%			0	0.0%					
4a. Performance				Total Previous Month	September 2013	Total Reporting Month								
Performance for Actual Contract Value with Client				244,781,784	87.45%	5,791,704		250,573,488	89.37%					
Performance for 3rd Parties (without interest)				0	0.00%				0.00%					
Total Performance to Date				244,781,784	87.45%	5,791,704		250,573,488	88.36%					
Remaining Performance to Date				35,139,890	12.55%			33,002,963	11.64%					
Actual Planned Performance (Planned Performance per report date - Performance Last Month)				244,781,784	87.45%	4,874,000		249,655,784	89.04%					
4b. Cost				Total Previous Month	September 2013	Total Reporting Month								
Actual Cost at Reporting Date				214,351,369	76.58%	2,583,223		216,934,592	76.50%					
5. Result				Total Previous Month	September 2013	Total Reporting Month								
Date of Contract														
Planned Result for Contract with Client (revised evaluation)				19,632,508	7.23%	35,307,002	12.61%	2,815,274	38,122,276	13.60%				
Actual Result at Reporting Date						30,430,415	12.43%	3,208,481	33,638,896	13.42%				
Forecast Result at the End of Contract						34,852,225	12.45%	3,270,051	38,122,276	13.44%				
Weighted Result at the End of Contract (Likely Case)						36,654,527	13.09%	3,270,051	39,924,578	14.08%				
6. Invoices, Payment and Bank account				Total Previous Month	September 2013	Total Reporting Month								
Application to the client - excl. VAT				incl. Ret. Money	0	0.00%	274,306,135	97.99%	2,008,982	276,315,117	98.55%			
Certified by the client (invoice) - excl. VAT				incl. Ret. Money	0	0.00%	274,008,066	97.89%	2,135,214	276,143,280	98.49%			
Cash in from the client - excl. VAT				excl. Ret. Money	0	0.00%	274,008,066	97.89%	2,135,214	276,143,280	98.49%			
Cash in from 3rd Parties - excl. VAT						0	0.00%		0	0.00%				
Interest income						995,245	0.41%	4,862	1,000,107	0.40%				
Cash out (excl. VAT)						210,654,869	75.25%	255,957	210,910,826	74.38%				
Net Liquidity				creditline	0	0%	64,348,442	22.99%	1,884,119	66,232,561	23.36%			
7. Subcontractor Work (incl. Design)				Total Previous Month	September 2013	Total Reporting Month								
Total Portion of Subcontractor Budget (first evaluation)				186,628,491 (incl. SDS)	68.73%	189,390,375	67.66%	334,083	189,724,458	66.90%				
Total Amount of signed Subcontracts incl. approved Variation Order						0	0.00%	0	0	0.00%				
Total Subcontractor Result to date						0	0.00%	0	0	0.00%				
Actual Subcontractor Costs to date (incl. Accruals)						0	0.00%	0	0	0.00%				
Therefrom invoiced to date						0	0.00%	0	0	0.00%				
8. Actual Forecast for Performance and Result				in TSD GBP										
Performance		Original planned				Actual / Forecast					Yearly Forecast			
		2008	2009	2010	2011	2008-2010	2011	2012	2013	2014	Performance and Result in 2008-2010			
Jan			1,706	2,786	2,346		1,573	5,817	4,419	2,463	Performance	100,868,316	35.6%	
Feb			2,526	4,026	2,026		815	6,518	3,239	2,407	Result	118,099	0.12%	
Mrz			3,526	5,026	2,526	2008	788	7,419	5,507	2,481	Performance and Result in 2011			
Apr			4,526	5,276	2,526	12,940	1,424	7,646	3,345	6,928	Performance	35,119,425	12.4%	
Mai			855	5,776	2,526		1,574	7,266	2,427	2,099	Result	9,885,015	28.15%	
Jun			1,355	5,776	1,026	2009	2,056	7,720	6,654	2,043	Performance and Result in 2012			
Jul			2,375	5,776	1,026	37,734	1,937	5,930	2,603	8,434	Performance	78,480,136	27.7%	
Aug			2,855	6,026	6,526		1,355	6,583	2,120		Result	9,453,809	12.05%	
Sep			3,055	4,626	6,526	2010	7,192	4,118	5,792		Performance and Result in 2013			
Okt			2,855	4,026	6,526	50,195	4,827	7,159	2,322		Performance	47,253,811	14.9%	
Nov			1,535	2,526	5,026		5,712	5,760	2,020		Result	15,055,137	35.63%	
Dez			1,446	1,866	1,706		5,867	6,545	1,806		Performance and Result in 2014			
Total		16,334	48,678	62,498	13,999	100,868	35,119	78,480	42,254	26,855	Performance	283,576,488	100.0%	
		Linear Calculation				total: 283,576					Result		38,122,276	13.44%
											Total Performance and Result			
											Performance		283,576,488	100.0%
											Result		38,122,276	13.44%
Edinburgh, 15/10/2013						Edinburgh, 15/10/2013								
Place and Date						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	283,576	283,576	283,576	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-245,454	-245,454	-245,454
2	Unapproved, but in Job Site Estimate integrated Changes	0	0	0	2	Unapproved, but in Job Site Estimate integrated Changes	0	0	0
3	Total unapproved Changes	0	0	0	3	Total unapproved Changes	0	0	0
4.1					4.1				
4.2					4.2				
4.3					4.3				
4.4					4.4				
4.5					4.5				
4.6					4.6				
4.7					4.7				
4.8					4.8				
4.9					4.9				
4.10					4.10				
4.11					4.11				
4.12					4.12				
4.13					4.13				
4.14					4.14				
4.15					4.15				
Σ 4	Risks not included in JSE	0	0	0	Σ 4	Risks not included in JSE	0	0	0
5.1					5.1	Saving on Contingencies	3,032	1,782	1,370
5.2					5.2	Savings on Uninsured Economic Losses	0	0	0
5.3					5.3	Interest Income	41	20	0
5.4					5.4	Saving on S/C Allowances	749	0	0
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	3,822	1,802	1,370
6 <small>=1+3+4+5</small>	Forecast Final Revenue	283,576	283,576	283,576	6 <small>=1+3+4+5</small>	Forecast Final Costs	-241,632	-243,652	-244,084

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	283,576		
	Costs	-241,632		
	Result	41,945		
% Gross Margin based on Revenue Best Case	Revenue: 283,576	14.79%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		283,576	
	Costs		-243,652	
	Result		39,925	
% Gross Margin based on Revenue Likely Case	Revenue: 283,576		14.08%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			283,576
	Costs			-244,084
	Result			39,492
% Gross Margin based on Revenue Worst Case	Revenue: 283,576			13.93%
Gross Margin previous month (most likely case)		13.82%	13.09%	12.94%

Project: **Edinburgh Tram Network**
as per: **30/09/2013**



2.01 Cost Reconciliation Sheet

see following pages

Project: GB-2006-1001JE63 Edinburgh Tram Network 2013-09
Reporting Month: 65. Report Period, 30/09/2013

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE								CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL					
Work- / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allowable incl. agreed VO's 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC QxDJC-Rate 9	Variance to Date 10=9-5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 16	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCT AQty. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 21=19-9	Forecast Final Cost 22=5 +21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
Total Cost incl. Prime Cost Sums		212,272,632	4,661,960	216,934,592	215,277,739		-1,656,853	216,890,408	-44,184	2,583,222	2,535,928	-47,294	251,990,814	251,990,814	7,489,812		259,480,626	245,463,776	88.4 %	28,573,368	245,507,960	13,972,666	-1,874,268
Prime Cost Sums 0 / 0																							
Total Cost without Prime Cost Sums		212,272,632	4,661,960	216,934,592	215,277,739		-1,656,853	216,890,408	-44,184				251,990,814	251,990,814	7,489,812		259,480,626	245,463,776		28,573,368	245,507,960		

REMEASURED CONTRACT:

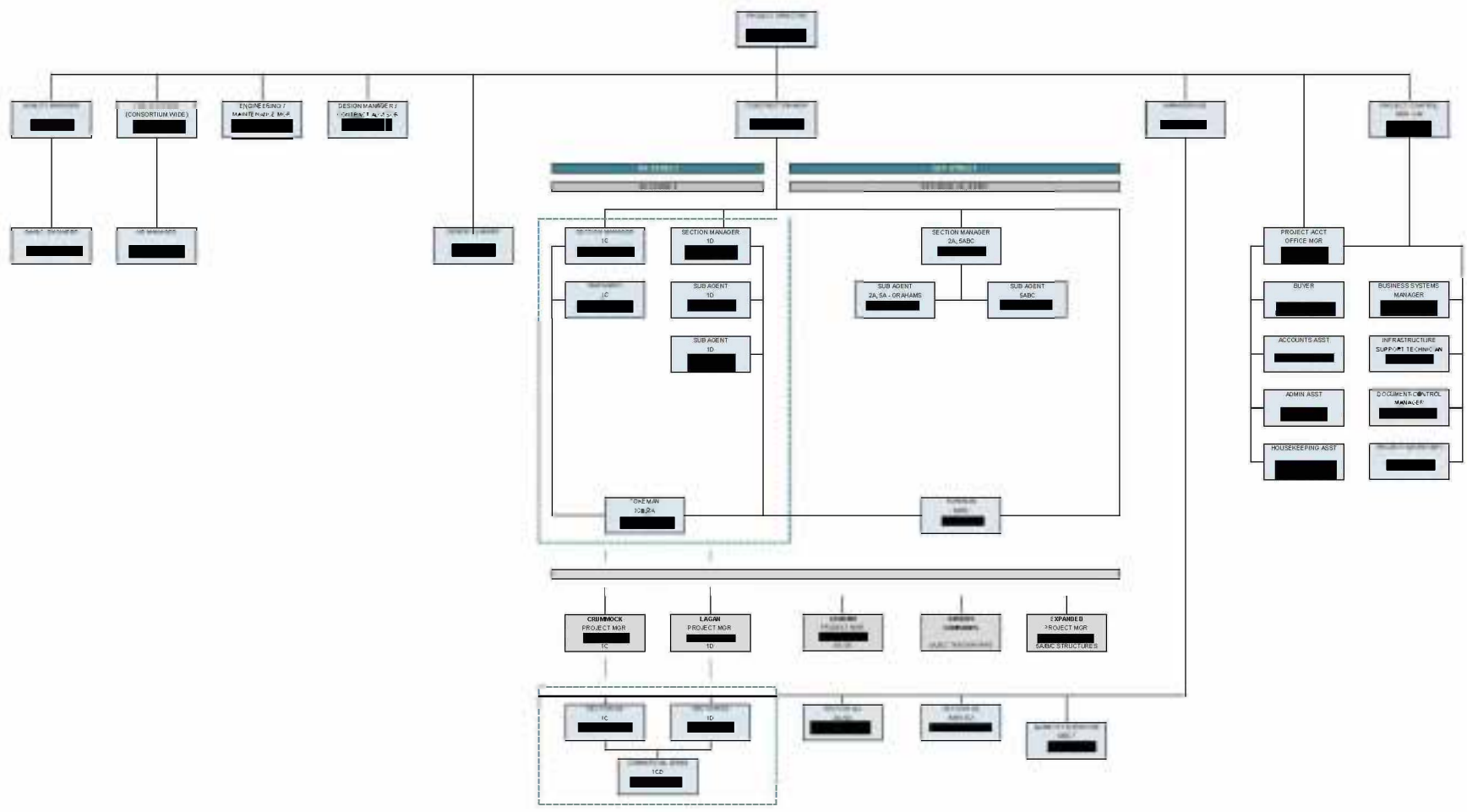
Gross Margin original Contract and agreed VO's (PF = 1.1553, PFB = 1.0929)

Total Cost without Prime Cost Sums	216,934,592	215,277,739	216,890,408	251,990,814	251,990,814	7,489,812	259,480,626	245,463,776	245,507,960
Gross Margin		19,999,302	33,683,080	19,551,477	19,551,477	4,544,348.00	24,095,825	38,112,675	38,068,491
Gross Margin in % of Performance		8.50 %	13.44 %	7.20 %	7.20 %	37.76 %	8.50 %	13.44 %	13.42 %
Performance without Prime Cost Sums		235,277,041	250,573,488	271,542,291	271,542,291	12,034,160	283,576,451	283,576,451	283,576,451
Actual Cost to date		216,934,592	216,934,592						
Gross Margin to date		18,342,449	33,638,896						
Gross Margin to date in % of Performance		7.80 %	13.42 %						
Performance Prime Cost Sums									
Total Performance		235,277,041	250,573,488	271,542,291	271,542,291	12,034,160	283,576,451	283,576,451	283,576,451
Revenue according WBS									

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.1553, PFB = 1.0929)

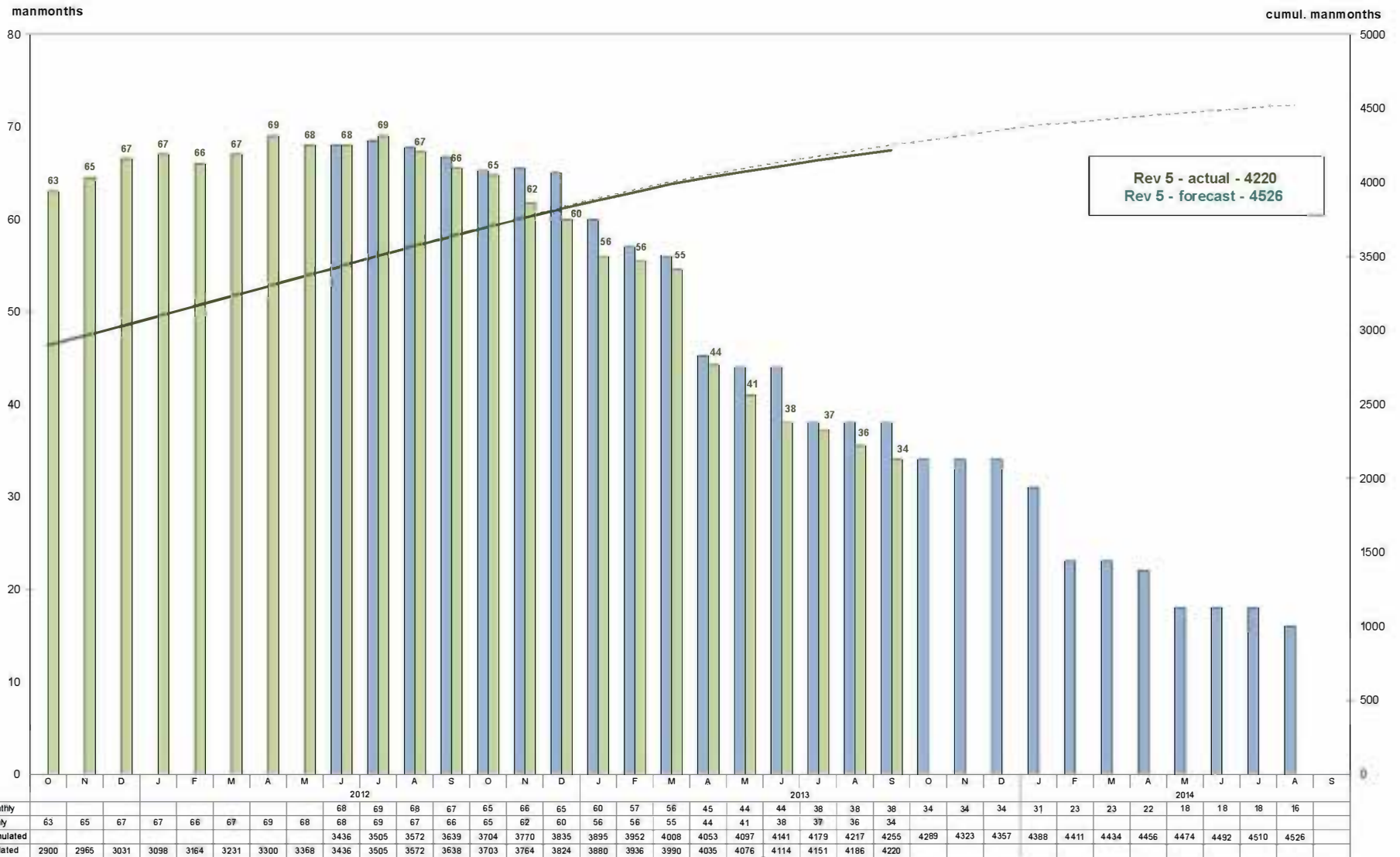
Total Cost without Prime Cost Sums	215,277,739	216,890,408	251,990,814	251,990,814	7,489,812	259,480,626	245,463,776	245,507,960	
Gross Margin		19,999,302	33,683,080	19,551,477	19,551,477	4,544,348.00	24,095,825	38,112,675	38,068,491
Gross Margin in % of Performance		8.50 %	13.44 %	7.20 %	7.20 %	37.76 %	8.50 %	13.44 %	13.42 %
valued Performance without Prime Cost Sums		235,277,041	250,573,488	271,542,291	271,542,291	12,034,160	283,576,451	283,576,451	283,576,451
Actual Cost to date		216,934,592	216,934,592						
Gross Margin to date		18,342,449.00	33,638,896						
Gross Margin to date in % of Performance		7.80 %	13.42 %						
Performance Prime Cost Sums (incl. valued performance)									
Total Performance (incl. valued performance)		235,277,041	250,573,488	271,542,291	271,542,291	12,034,160	283,576,451	283,576,451	283,576,451
Revenue according WBS (VO's valued)									
Revenue according WBS (VO's valued by 100%)									

2.05 Organisation Chart



Based at Haymarket Office

2.06 Staff Chart



2.08a Approved Change Orders

										Job Estimate Budgets								
PMC	W/C	ICO	BOT	Design	CON	CONTRACT	ISSUE	Section / Activity	Description	Date Issued	Value	BOT	Design	Construction	Professional	Margin	Margin In %	Remarks
63	574	542A						2A	61 Haymarket Viaduct delete parts of cladding	18/07/2012	-5,571.34			4,055.13	1,009.72	506.49	9.09%	
64	571A	573C						1D	66 Hope Street reinstatement	20/03/2013	13,639.74		10,111.00		2,244.76	1,239.98	9.09%	
65	577	544A						3A	61 Omit construction of Haymarket Substation retaining wall and plinth	06/11/2012	-4,987.82			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	556B						SWON	66 Revised Site Locations and new Site Specification	13/09/2012	19,512.19		11,999.00		2,602.96	1,410.20	9.09%	
74	588	55						1D	21 Return of parking spaces Stafford Street	20/02/2012								
80	580	662						1C	12 St Andrew Square descender	24/04/2013	-2,156,490.38			1,960,445.80	0.00	196,044.58	9.09%	
81	582	548						5A	61 Deleted Roseburn Viaduct Trespa cladding	09/02/2012	-308,004.00			380,003.64	0.00	2,800.38	9.09%	
83	589	552							62 Deletori of Airport Kiosk	29/02/2012	-150,000.00			136,933.64	0.00	13,639.98	9.09%	
84	593	558A						SWON	66 Cessation of Design North of York Place (SV-208F)	13/07/2012								
85	591	563A						2A	61 Diversification of Scottish Power Cable	21/02/2013	2,428.20			1,800.00	407.45	220.75	9.09%	
88	601	560						5C	62.86 Shelters at Gogarburn Tramstop to be 8m length	15/03/2012 14/06/2012	27,882.60		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			98,695.68	22,341.11	12,103.68	9.09%	
92	595	566						2A	61 Deletion of crew relief facilities	08/05/2012	-74,001.12			54,959.28	12,417.47	6,727.37	9.09%	
92	614	567						2A	61 Crew relief wall construction to close void beneath Haymarket Viaduct	05/05/2012	10,737.88			8,004.38	1,611.90	981.63	9.09%	
92	615	568A						2A	66 Design for crew relief wall construction to close void beneath Haymarket Viaduct	09/10/2012	1,900.12		1,408.54		318.84	172.74	9.09%	
93	705	620						2A	66 Haymarket redesign due to LOD constraints	14/11/2012	13,669.05		10,133.73		2,293.68	1,242.64	9.09%	
94	607	623						SW	12.13.14 Delete Requirements at all Tramstops for 110v socket for cleaning purposes (on street)	23/10/2012	-6,163.73			4,561.70	1,032.60	550.43	9.09%	
95	608	624						SW	54.61.62.63 Delete Requirements at all Tramstops for 110v socket for cleaning purposes (Off Street)	23/10/2012	-36,851.41			27,317.59	6,183.71	3,350.13	9.09%	
98	644	591							withdrawn									
102	612	667						SWON	Steps branding change - On Street	16/05/2013								
105	617	668						SW OFF	Steps branding change - Off Street	16/05/2013								
112	618	576							63 Alteration to 1200mm Diameter Manhole	18/06/2012	6,176.31			4,572.44	1,036.39	561.48	9.09%	
115	620	569A							66 Airport Tram Stop Design	27/09/2012	17,789.87		13,163.00		2,884.15	1,616.72	9.09%	
119	627	599						1D	66 St Johns Church deletion of pedestrian barrier	21/08/2012								
120	623	596							25 Gogar Depot Repair	23/02/2012	1,867.15			1,384.10	313.31	169.74	9.09%	
121	663	588						5C	63 Estimate for CEC for purchasing the existing heras fencing surrounding the Mini Test Track	18/07/2012	6,423.86			4,761.96	1,077.93	583.99	9.09%	
124	638A	571B						5C	54 Twin Crossings at Lochside Avenue	05/02/2013	29,051.92			21,635.89	4,874.94	2,641.08	9.09%	
139	669	622						7A	62 SGN Remedial works - Backfill at New Ingliston	16/12/2012	16,093.95			11,996.04	2,695.55	1,460.36	9.09%	
148	643	572B						5C	54.58.66 Edinburgh Gateway Works. Design & Construction	24/09/2012	2,972,732.16		119,266.00	2,084,390.16	48,827.62	270,246.98	9.09%	
150	647C	577F						1C	66 Design on street works carriage way reconstruction	09/01/2013	27,677.43		20,517.00		4,644.30	2,516.13	9.09%	
151	648	578A						1CD	66 Design cabinet positions for street lighting Pine's Street	14/08/2013								
153	651A	625A						SW	12.13.14.45.54.61.62 Offer installation of Tramstop shelter and Fit Out	01/03/2013	34,941.80			25,902.00	5,863.27	3,176.53	9.09%	
155	657	582A						1CD	66 As-Built Drawings Pithead Street	11/10/2012	3,271.33		2,425.00		548.93	297.38	9.09%	
156	653	583						1C	66 DWG CAD Drawings Design York Place	22/09/2012	2,461.78		1,824.89		413.09	223.80	9.09%	
163	662	590A						7A	62 Topographical Survey	11/12/2012	2,586.95			1,817.68	434.88	335.98	9.09%	
170	667	594B						3A	66 Call off service to respond Network Rail Technical Queries	27/09/2012	10,100.58		7,487.46		1,694.89	918.24	9.09%	

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PME	SVC	ICO	BOT	Design	CST	COST	Risk	Section / Activity	Description	Date Issued	Status	Revision	Job Estimate Budgets					Reserve		
													BOT	Design	Construction	Professional	Margin		Margin In %	
171	668	695						1C 12	YorkPlace, De-scope of Works	12/07/2012		-1,015,155.80			966,815.09		48,340.71	4.76%		
172	719	627B						SW 66,7	TVM details not yet available. Impact to Construction works. May need redesign. (I 80/Sch45)	27/03/2013		68,709.89			10,163.00	40,770.94	11,529.59	6,246.35	9.09%	
178	686	563A						5A 61	ScotRail Pedestrian Access Gate	18/12/2012		4,805.64			3,634.50	893.17	445.97	9.09%		
477	670	592A						1C 66	Design response: Princess 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	18/11/2012										
192	675	64B						5A 61	Scotrail Depot Scottish Water meter works	21/02/2013		12,507.35			9,271.57	2,098.75	1,137.03	9.09%		
195	684	621						25	Repairs to damaged utility cover slabs	23/10/2012		938.27			695.53	157.44	85.30	9.09%		
196	725	631A						ON 66	On Street Provision of DMG drawings - Drainage	18/02/2013		1,699.39			1,259.74	285.16	154.49	9.09%		
197	685	603A						1A 66	Design end 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 abutment line within the Haymarket Depot	23/10/2012		76,413.27			56,644.38	12,822.23	6,946.66	9.09%		
203	664 730	591A 649						5C 62	Gogar Road - Road Safety Audit - additional high friction surfacing + road widening	21/02/2013		6,282.30			4,657.01	1,054.18	571.12	9.09%		
206	691	609A						1C 66,1bc	Cathedral Lane Tram Substation: Investigate and amend design of Cathedral Lane Retaining Wall	20/03/2013		46,568.83			34,521.00	7,814.30	4,233.53	9.09%		
207	672	608C						ON 66	Review and amend design for On Street Drainage	18/05/2013		17,980.76			13,328.95	3,017.19	1,634.61	9.09%		
208		620						SW	Cost Engineering in respect of the Programme	18/10/2012		3,162,987.12		2,614,034.94			548,948.18	17.36%		
212	704	612A						1C 66	Carriage Way Reconstruction - redesign of St Andrew Square	20/03/2013		9,205.93			6,825.00	1,544.93	836.99	9.09%		
213	690	609B						ON 66	On Street Road Signage - Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TMC 2s) - DESIGN	12/02/2013		84,255.98			62,458.10	14,139.24	7,659.63	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	701B	614D						62,66	Reinstatement works at the Airport	08/07/2013		34,725.96			25,742.00	5,827.05	3,456.91	9.09%		
216	702	615A						62	Eastfield Avenue pedestrian crossing, provide and install STRAL panels	18/01/2013		4,801.83			1,619.00	2,746.30	436.53	9.09%		
217	685	613A						62	Review and amend design of Eastfield Avenue Road temporary surface and install at Edinburgh Airport	14/03/2013		1,445.47			1,071.51	242.55	131.41	9.09%		
224		630						1C 12	Construction of Cathedral Lane Substation and Retaining Walls	27/11/2012										
226	696	646						66	SGN As Built drawings between Ingliston and Eastfield Avenue	05/03/2013		3,414.32			2,531.00	572.93	310.39	9.09%		
228	713	639						2A 61	Haymarket/W18 Network Rail Encroachment into LOD	08/02/2013		117,346.89			86,984.06	19,690.99	10,667.90	9.09%		
229	711	636						2A 61	Fence requirements at Murrayfield, Scotrail & Royal Mail	29/01/2013										
230	712	634A						5A 54	Murrayfield Wanderers Interface Detail	03/09/2013		40,901.42			30,319.81	6,863.30	3,718.31	9.09%		
232	714	640A						5B 54,66	Edinburgh Park Central Lighting - Design	27/02/2013		12,077.64			2,568.00	6,385.63	2,026.64	1,097.97	9.09%	
235	724	629A						5A 66	Realignment of Scottish Water pipe at Murrayfield	12/02/2013		3,285.93			2,421.00	548.03	298.30	9.09%		
236	723	641						1CD 71	Road Safety Audit Princess Street	18/02/2013		674.50			500.00	113.18	61.32	9.09%		
243	726	637A						2A 61	Deletion of Murrayfield Thistle	04/02/2013		-6,120.10			4,800.00	663.73	559.37	9.09%		
244	709	617						5A 61	ScotRail Park Landscaping Works	22/02/2013										
242	737	625						5B 54	BT ducts at South Gyle Access/Endge - Works transfer	21/01/2012		-37,889.84			28,072.53	6,354.60	3,442.71	9.09%		
253	732	673						5A 61	Roseburn Street Pavement Construction	18/08/2013		-12,544.14			9,042.69	2,361.12	1,140.38	9.09%		
254	753	650A						2A 58,66	Additional Retaining Walls adjacent to Haymarket Scotrail Depot	09/09/2013		350,502.53			54,388.00	205,435.97	58,814.70	31,863.47	9.09%	
259	759	656						62	Regrading works at Eastfield Avenue	05/03/2013		23,345.11			17,305.49	3,917.33	2,122.28	9.09%		
260	741	647						SWON 15	Alteration to street lighting poles	07/02/2013										
261	744	636A						5B 54	Carnick Knowe Golf Course Drainage	20/08/2013										
262	736	642A						1D 66	Amendment to road markings at Shandwick Place	10/07/2013		5,372.77			3,983.78	0.00	901.56	498.43	9.09%	
264	742	644						5B 54	South Gyle Access Junction supplemented by Aegon	12/02/2013										

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PNC	WVC	ICD	BOT	Design	CMT	CMT	Risk	Section / Activity	Description	Date Issued	Revision	Job Estimate Budgets					Remarks	
												BOT	Design	Construction	Professional	Margin		Margin In %
266	751	653A			✓	✓		62	Removal of Gogarburn hoarding	18/04/2013	2,488.10		1,829.58	414.15	224.37	9.09%		
267	752	654A			✓	✓		62	Handrail at Gogarburn Tram Stop ramp	18/04/2013	1,510.88		1,120.00	253.53	137.35	9.09%		
271	746	643			✓			5B	Installation of fibre prism at Murrayfield Tramstop	04/03/2013								
272	755	652A			✓	✓		5C	Relocation of signage at Gogar Tram Stop	07/05/2013	582.67		431.93	97.77	52.97	9.09%		
273	758	675			✓			2A	Haymarket Terrace - High Friction Surface Desclope	25/07/2013	-19,447.55		11,210.00	6,469.59	1,767.96	9.09%		
NN	754	651A			✓	✓		QFF	Additional earthing & bonding to demarcation fencing	18/04/2013	TBC							
278	765	658C			✓	✓		OFF	Fencing requirements to Network Rail corridor	23/07/2013	7,861.97		5,240.00	1,319.25	714.72	9.09%		
283	771	665A		✓	✓	✓		SW 66.71	Finalise analysis of the DME of the CAF tram in accordance with technical standards for passenger CAF	19/08/2013	36,180.18		19,120.00	7,700.00	6,071.07	3,289.11	9.09%	
284	772A	666			✓	✓		SW ON 15	Remove requirement for recovery vehicle	10/05/2013	TBC							
286	770	675			✓	✓		2A	Removal of parapet wall at Haymarket Station	31/07/2013								
287	773	669			✓	✓		5A 58.66	Water of Leith Bridge Lighting	21/05/2013	TBC							
290	742	671A		✓		✓		1C	Broughton street review and redesign	04/09/2013	1,942.56		1,440.00	325.66	176.60	9.09%		
291	742	644			✓	✓		5C	Change ballast within '6' foot at Edinburgh Gateway	18/05/2013	TBC							
296	762	674			✓			2A	Russell Road water main desclope	31/07/2013	-2,168.25		2,180.25					
298	765	677			✓	✓		5A	Murrayfield Tramstop Wall Modification	31/07/2013	TBC							
302	788	681B			✓	✓			Various Safety Related Issues	29/08/2013	TBC							
304	786	682			✓	✓		SW	Tram Infrastructure Drawings for Third Parties	28/08/2013	TBC							
305	794	687			✓	✓		5B	Balgreen Pelicani Crossing - Alter to Toucan crossing	23/05/2013	TBC							
309	793	688			✓	✓		SW	Heavy tram implications	05/09/2013	TBC							
15	513.1	ICCO						1D	Utility Conflict Verification	30/09/2013	19,654.96		12,757.68	5,110.47	1,766.91	9.09%		
25	543	ICCO						1D	Utilities affecting the construction of OHLE foundations in Haymarket H1	30/09/2013	287,636.38		186,699.57	74,788.03	26,143.76	9.09%		
28	521	ICCO						1D	Provide temporary accommodation and Welfare facilities	30/09/2013	1,762.19		1,143.78	458.17	160.20	9.09%		
35	547	ICCO						1D	Haymarket H1 Third Party affecting our ability to progress the works	30/09/2013	7,738.41		5,022.86	2,012.05	703.49	9.09%		
36	548	ICCO						1D	Haymarket H1 BT Fibre Optic Service required Diverted	30/09/2013	94,851.35		61,566.30	24,662.20	8,622.85	9.09%		
37	528	ICCO						1D	Haymarket 1 - Silt Trench Excavation to Validate Utilities	30/09/2013	7,435.18		4,865.90	1,949.58	681.65	9.09%		
38	549	ICCO						PSOW	Move 3 No OLEs (St John's Church) to central reserve	30/09/2013	39,279.38		24,187.37	9,693.97	3,899.03	9.09%		
40	535	ICCO						PSOW	Scottish Water Diversion at Junction of Princes Street and South St David Street	30/09/2013	288,924.38		187,535.59	75,122.92	28,285.85	9.09%		
43	551	ICCO						PSOW	Xmas Embargo demob and temp reinstatement	30/09/2013	23,2421.30		150,860.47	60,431.62	21,129.21	9.09%		
52	554	ICCO						1CD	PMCS2 On Street: Early Implementation of TM Phase 4 & 5	30/09/2013	436,427.94		283,277.50	113,475.17	39,675.27	9.09%		
55	564	ICCO						1CD	Traffic Management Design	30/09/2013	10,756.65		6,880.00	2,796.05	977.60	9.09%		
58	570	ICCO						1CD	Site Clearance - Omit removal of trees	30/09/2013	-14,019.80		9,100.00	3,645.27	1,274.63	9.09%		
68	566	ICCO						1D	PMCS2 Utilities affecting ability to place system drainage	30/09/2013	-36,697.94		23,813.48	9,539.19	3,335.27	9.09%		
69	598	ICCO						1D	PMCS2 Geotextile Liner to Clifton Terrace Void	30/09/2013	2,010.21		1,304.79	522.67	182.75	9.09%		
72	600	ICCO						1D	Shandwick place - OLE bases affecting utilities (Piling)	30/09/2013	316,844.40		205,628.17	82,330.38	28,785.85	9.09%		
77a	583	ICCO						1C	Amend specification for on street setts - 1C	30/09/2013	186,009.63		120,731.60	48,362.61	16,909.42	9.09%		
77b	583	ICCO						1D	Amend specification for on street setts - 1D	30/09/2013	60,045.85		38,974.48	15,612.46	5,457.71	9.09%		
79	606	ICCO						1C	Shandwick Sq, third party affecting our ability to progress the works	30/09/2013	587,485.78		381,326.41	152,751.56	53,807.80	9.09%		

2.08a Approved Change Orders

PME	WIC	ICCO	BOT	Design	CMT	Contract	Status	Section / Activity	Description	Date Issued	Revision	Job Estimate Budgets					Remarks
												BOT	Design	Construction	Provision	Margin	
80	635A	ICCO					✓	PSOW	12 Revised drainagescope and scopesplit	30/09/2013	-123,251.00	80,000.00	32,046.36	11,204.64	9.09%		
87	604	ICCO					✓	1C	12 St Andrew w Sq - OLE bases affecting utilities (Piling)	30/09/2013	42,884.69	27,835.68	11,150.40	3,898.61	9.09%		
88a	584	ICCO					✓	1CD	12 Residual Road Value Engineering 1C	30/09/2013	79,578.79	51,663.15	20,691.19	7,234.43	9.09%		
88b	584	ICCO					✓	1CD	14 Residual Road Value Engineering 1D	30/09/2013	-325,766.06	211,450.17	64,712.61	29,615.28	9.09%		
97	599	ICCO					✓	1C	12 Floating Track Slab	30/09/2013	77,031.67	50,000.00	20,028.98	7,002.90	9.09%		
99	629	ICCO					✓	1D	14 Utilities affecting the ability to progress track excavation Shankwick 1	30/09/2013	13,263.47	8,609.08	3,448.62	1,205.77	9.09%		
100	630	ICCO					✓	1D	14 Utilities affecting the ability to progress track excavation Shankwick 2	30/09/2013	10,843.67	7,103.84	2,845.45	994.88	9.09%		
101	631	ICCO					✓	1D	14 Third Parties affecting the ability to progress track excavation Shankwick 2	30/09/2013	6,178.18	5,308.31	2,126.40	748.47	9.09%		
102	613	ICCO					✓	1C	15 St Andrew Square - Design, Enabling and Ongoing Maintenance of Temporary Bus Station	30/09/2013	10,147.47	6,566.54	2,638.43	922.50	9.09%		
104	614	ICCO					✓	SW	15 The 614 Redness Place TMA Amendment	30/09/2013	9,438.65	6,125.29	2,453.67	857.90	9.09%		
108	590	ICCO					✓	1CD	13 Reinstatement of Third Party Works / Lining - The Mound	30/09/2013	34,689.68	22,516.43	9,019.62	3,153.61	9.09%		
109	600	ICCO					✓	1CD	13 Re-proving and cleaning of Chambers / ducts	30/09/2013	26,359.24	17,109.31	6,853.64	2,396.29	9.09%		
110	600	ICCO					✓	1CD	13 Duct Chamber Bedding Detail Drawing Change	30/09/2013	10,785.22	6,987.51	2,799.05	978.66	9.09%		
114a	611	ICCO					✓	1D	14 Excavation by others - 1D	30/09/2013	-78,025.57	50,864.99	20,287.35	7,033.23	9.09%		
114b	611	ICCO					✓	1C	12 Excavation by others - 1C	30/09/2013	-123,251.00	80,000.00	32,046.36	11,204.64	9.09%		
126	629	ICCO					✓	1D	14 1D Hand dig to expose utilities crossing inbound duct bank within S1 at Stafford Street and Lothian Road Junction for TT to action	30/09/2013	12,785.98	8,305.63	3,327.07	1,163.27	9.09%		
127	630	ICCO					✓	1D	14 1D Utilities affecting ability to install System Ducting through S2 (South Duct Bank)	30/09/2013	19,739.53	12,812.57	5,132.45	1,794.50	9.09%		
128	586	ICCO					✓	1D	14 1D Remove and Reinstall Traps IMU and Track Drainage laid by other within H1	30/09/2013	5,342.22	3,467.54	1,389.03	485.66	9.09%		
129	543	ICCO					✓	1D	14 1D Discovery of unsuitable material below formation of base 131204A within H2	30/09/2013	5,168.58	3,354.83	1,343.88	469.87	9.09%		
130	547	ICCO					✓	1D	14 1D Remedial works required on the partial return of H1 to infraco on 21 May 2012	30/09/2013	763.09	495.31	198.41	69.37	9.09%		
132	543	ICCO					✓	1D	14 1D Transfer of utilities back to H2 from S4 to accommodate works to CHLE bases. Site vacated for T&T	30/09/2013	1,213.21	787.77	315.44	110.29	9.09%		
133	570	ICCO					✓	1D	14 1D Excavate Trial Holes in locations of tree pits through Shankwick S4	30/09/2013	3,767.92	2,445.69	979.69	342.54	9.09%		
135	635	ICCO					✓	1D	14 1D Remove and Reinstall Traps IMU and Track Drainage laid by other within S1 (East End) and S2	30/09/2013	10,328.28	6,703.90	2,684.45	938.93	9.09%		
137	637	ICCO					✓	1C	12 1C remove existing pedestrian crossing at Junction of St Andrew Square and Princes St	30/09/2013	7,316.07	4,748.73	1,902.24	665.10	9.09%		
144a	639	ICCO					✓	1C	15 Work Place Closure - Design, Enabling and Ongoing Maintenance - Logistics	30/09/2013	98,204.33	63,742.68	25,634.01	8,927.67	9.09%		
144b	639	ICCO					✓	1C	15 Work Place Closure - Design, Enabling and Ongoing Maintenance - TM	30/09/2013	140,444.25	91,159.83	36,516.76	12,767.66	9.09%		
144c	639	ICCO					✓	1C	15 Work Place Closure - Design, Enabling and Ongoing Maintenance - enabling	30/09/2013	49,067.42	30,550.61	12,237.95	4,278.86	9.09%		
145	645	ICCO					✓	PSOW	13 Princes Street Outstanding Works	30/09/2013	216,013.61	140,210.54	56,185.47	19,637.60	9.09%		
157	599	ICCO					✓	1D	14 1D Widening of track excavations due to installation of floating track slab within H3	30/09/2013	3,442.68	2,234.58	895.13	312.97	9.09%		
158	629	ICCO					✓	1D	14 1D Remedial works on the back of S1 & S3 including piling, surbement of the formation and soil face ducts	30/09/2013	5,958.29	3,867.42	1,549.21	541.66	9.09%		
159	629	ICCO					✓	1D	14 1D Exposing of the conflicting services and traction ducts within H1, H2 & H3	30/09/2013	16,098.62	10,447.57	4,185.08	1,463.27	9.09%		
160	547	ICCO					✓	1D	14 1D Utilities are affecting the working space to all OLE bases within H2 meaning on further work and reinforcement	30/09/2013	3,467.90	2,244.46	869.08	314.35	9.09%		
161	645	ICCO					✓	PSOW	13 PSOW - Remedial works to Traffic Signal works	30/09/2013	6,320.65	4,102.62	1,643.43	574.60	9.09%		
162	645	ICCO					✓	PSOW	13 PSOW - Watermain Ducting	30/09/2013	15,406.37	10,000.00	4,005.80	1,400.58	9.09%		
163	645	ICCO					✓	PSOW	13 PSOW - Additional OLE Remedials	30/09/2013	3,791.44	2,462.90	986.59	344.95	9.09%		
164	645	ICCO					✓	PSOW	13 PSOW - Traffic signal ducting works - drawing change	30/09/2013	3,280.91	2,129.58	853.07	298.26	9.09%		
165	645	ICCO					✓	PSOW	13 PSOW - Tram Stop Additional Works	30/09/2013	16,861.15	12,242.43	4,904.07	1,714.65	9.09%		
166	600	ICCO					✓	PSOW	13 Water Valve	30/09/2013	515.19	334.40	133.95	46.84	9.09%		

2.08a Approved Change Orders

										Job Estimate Budgets								
PMC	W/C	ICCO	BOT	Design	CBT	Contract	Sub	Section / Activity	Description	Date Issued	Value	BOT	Design	Construction	Professional	Margin	Margin In %	Remarks
167	354	ICCO						1D	14	1D Additional TM Requirements at Carrington Street / Princes Street Junction as CEC Instruction	30/09/2013	1,283.78		839.77	336.39	117.62	9.09%	
176	680	ICCO						SW	15	TNC650 Princes SFTM	30/09/2013	4,785.99		3,106.11	1,244.24	435.04	9.09%	
178	642	ICCO						1C	12	YP Tram-top Associated Works	30/09/2013	94,729.49		61,487.20	24,630.51	8,611.77	9.09%	
179	682	ICCO						1D	14	Revised scope for street lighting, road signs & traffic signs	30/09/2013	-346,385.61		224,832.65	90,063.86	31,489.60	9.09%	
180	680	ICCO						15	15 Review of single bus lane running west to east through Coates Crescent on to Princes Street via Shandwick Place	30/09/2013	2,411.10		1,565.00	626.91	219.19	9.09%		
182	678	ICCO						1D	15	1D Traffic Management to retain existing access to Bus Station on Elder Street TNC 678 & TNC 678A	30/09/2013	37,812.13		24,543.17	9,831.49	3,437.47	9.09%	
183	677	ICCO						1D	14	Temp Roundels	30/09/2013	1,385.03		899.00	360.12	125.91	9.09%	
184	685	ICCO						1C	15	Removal of temporary traffic signs from Princes Street between Princes Place and South St Andrew Street (the partial plug) TNC 685	30/09/2013	5,527.04		3,587.60	1,437.08	502.46	9.09%	
185	658	ICCO						1D	14	Shandwick Walls and Paths	30/09/2013	-197,808.95		128,394.22	51,432.10	17,882.63	9.09%	
187	543	ICCO						1D	14	Remedial on handdock to H1,2,3	30/09/2013	15,022.65		9,751.06	3,906.08	1,365.71	9.09%	
188	600	ICCO						1D	14	OLE 131,12 & A fill below formation	30/09/2013	9,438.88		6,126.48	2,454.14	859.06	9.09%	
190	645	ICCO						1CD	13	PN43 Investigation	30/09/2013	1,129.40		739.07	293.65	102.87	9.09%	
191	698	ICCO						1D	14	Contaminated Material in SP4	30/09/2013	70,372.64		45,677.61	18,297.52	6,397.51	9.09%	
193	547	ICCO						1D	14	Placement and removal of material between trackslab in SP2 & SP6	30/09/2013	2,208.48		1,433.49	574.23	200.77	9.09%	
204	688	ICCO						1D	14	Crescent Footpath De-Scope	30/09/2013	-48,759.02		32,297.68	12,937.79	4,523.55	9.09%	
205	693	ICCO						1D	14	Shandwick Place, additional kerbing and footpath reinstatement	30/09/2013	37,767.20		24,514.01	9,819.81	3,433.38	9.09%	
206	641	ICCO						1C	12	Cathedral Lane Substation Investigation Works	30/09/2013	3,697.37		2,529.71	1,013.35	354.31	9.09%	
218	699	ICCO						SW	15	TNC 699 Red Walkway Dairy Road	30/09/2013	4,117.69		2,672.72	1,079.64	374.34	9.09%	
220	645	ICCO						1C	12	Additional Central Reserve Works	30/09/2013	7,158.56		4,646.49	1,861.29	650.78	9.09%	
221	697	ICCO						1D	14	Remedial Works to OLE foundations Clifton Terrace	30/09/2013	19,745.80		12,816.71	5,134.11	1,795.08	9.09%	
222	707	ICCO						SW	15	TNC 707A TM Apple Store Site	30/09/2013	2,339.67		1,518.64	608.34	212.70	9.09%	
224	641	ICCO						1C	12	Cathedral Lane Substation Investigation Works	30/09/2013	205,629.39		133,470.29	53,465.47	18,693.58	9.09%	
225	700	ICCO						1D	14	Hope Street construction works	30/09/2013	33,051.93		21,453.41	8,593.80	3,004.72	9.09%	
227	639	ICCO						1C	12	York Place Hoarding Design	30/09/2013	2,712.82		1,760.84	705.36	246.62	9.09%	
233	564	ICCO						1CD	15	Friction De-Scope	30/09/2013	-8,698.88		5,841.00	2,339.79	818.08	9.09%	
237	564	ICCO						1CD	15	Tracking and Modelling CEC request	30/09/2013	6,878.95		4,465.00	1,788.59	625.36	9.09%	
238	606	ICCO						1C	12	Making Manhole shutters and envoironed	30/09/2013	30,693.87		19,922.51	7,980.55	2,790.31	9.09%	
239	682	ICCO						1C	12	1C3 De-scope of De-scope of Dualling	30/09/2013	6,707.44		4,353.68	1,744.00	609.77	9.09%	
240	687	ICCO						1C	12	Additional Kerb cost for supply as new	30/09/2013	100,876.01		65,152.28	26,096.66	9,125.09	9.09%	
245	728	ICCO						SW	15	Pedestrian management during Christmas Shutdown	30/09/2013	22,638.02		14,423.75	5,936.09	2,076.18	9.09%	
246	729	ICCO						1CD	15	Princes St/South St Andrew St - Traffic Light Alterations	30/09/2013	4,066.89		2,639.74	1,057.48	369.72	9.09%	
247		ICCO						1D	14	De-scope tram duct crossing at Haymarket	30/09/2013	-770.32		500.00	200.29	7.003	9.09%	
251	735	ICCO						1D	14	Queensferry street / Leithian Rd Junction	30/09/2013	32,220.94		20,914.03	8,377.73	2,929.18	9.09%	
255	738	ICCO						1C	12	De-scope Site Clearance Items	30/09/2013	245,736.92		159,503.40	63,893.80	22,339.72	9.09%	
256	740	ICCO						1D	14	Haymarket Island - amend levels	30/09/2013	5,057.49		3,282.72	1,314.99	459.77	9.09%	

2.08a Approved Change Orders

										Job Estimate Budgets								
PME	WVC	ICCO	BOT	Design	CBT	CBT/12	CBT/15	Section / Activity	Description	Date Issued	Revision	BOT	Design	Construction	Provisional	Margin	Margin In %	Remarks
288	739	ICCO						1C 12	Dublin Street Steps	30/09/2013	58,945.34			35,014.95	14,026.27	4,904.12	9.09%	
260	741	ICCO						1D 14	Alterations to Street Lighting Poles 1D	30/09/2013	31,701.29			20,576.71	8,242.61	2,881.93	9.09%	
263		ICCO						1CD 15	Additional copes at RS Tramstop	30/09/2013	2,221.85			1,442.16	577.70	201.99	9.09%	
265	749	ICCO						1D 14	Footway Works outside Haymarket Station	30/09/2013	15,190.64			9,859.97	3,949.70	1,380.97	9.09%	
268	756	ICCO						1D 14	Widening of temp Ped walkway at Haymarket	30/09/2013	2,142.90			1,390.92	567.17	194.21	9.09%	
274	766	ICCO						1D 15	Additional cost of de-ice/road lighting	30/09/2013	16,177.17			10,500.31	4,206.21	1,470.65	9.09%	
277	761	ICCO						1C 12	Re-Scope of Road Markings St Andrew Square	30/09/2013	6,761.72			4,388.91	1,758.11	614.70	9.09%	
289	642	ICCO						1C 12	York Place Underground Structure	30/09/2013	17,314.18			11,238.32	4,501.84	1,574.02	9.09%	
294	564	ICCO						1D 14	Surfacing Indices	30/09/2013	13,665.45			8,870.00	3,553.14	1,242.31	9.09%	
295		ICCO						1C 12	Additional 22m of YP Track	30/09/2013	-50,488.91			32,777.93	13,120.17	4,590.81	9.09%	
303		ICCO						1C 15	Switch York Place to Christmas 2012 TM Phasing	30/09/2013	12,999.78			8,437.92	3,360.06	1,161.80	9.09%	
73-001		ICCO						1C 15	Provide Access for Third Parties	30/09/2013	1,860.96			1,207.90	483.98	169.18	9.09%	
TOTALS											8,834,159.71	4,970,981.09	1,600,556.02	818,760.78	1,737,035.46	1,344,347.92	15.22%	
														7,489,811.79				

Project: **Edinburgh Tram Network**
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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	
264	742				5B	Reinstating South Gyle Access Junction - Reinstating junction supplemented by Aeccm	12/02/2013	123,244	80,103	55,480	123,244	+	
276	765				2A/5A	Fencing requirements to Kiewit Rail corridor	08/04/2013						
287	773				5A	Waterproof Lighting	21/05/2013						
293	778				5A	Estimate for design approvals & E/O cost for new tripper steps (Scotrail)	22/07/2013	18,853	12,254	8,434	18,853	+	
298	788				2A	Modify/Cut down pair of Murrayfield Tramstop 'Well' at west end of inbound track	31/07/2013	1,821	1,181	821	1,821	+	
305	794				8	Balgreen Pelican Crossing - Alter to Toucan crossing	23/08/2013						
306	792				8	Section B1 Handover	24/08/2013						
307	790				2A/5A	Murrayfield Hydro Seeding	04/09/2013						
308	789				8	Gyle soft landscaping - Descopes	04/09/2013						
309	793				8	Provide report on implications of heavy tram	05/09/2013						
311					8	Spare parts list update with reuse of surplus material (SV-0208n2)	03/10/2013	9,380	8,081	4,221	9,380		
313					5B	Site vandalism, Saughton Tramstop (SV-0226a)	03/10/2013						
314	797				6 & 7	Update lighting as built with CEG asset reference number	25/09/2013						
315	784				8	Install steel barrier and paint hatched areas around lighting columns to prevent trip hazard	25/09/2013						
316					8	Spare glass panels	04/10/2013	7,003	4,551	3,151	7,003		
TOTALS								141,548	92,006	63,696	141,548	-	
											submitted	under preparation	
											maximum potential of changes		141,547.69

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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													
57	MONTH	10,963,753	64	8,880,476	8,877,558	-2,918	0	0	0	8,877,558	09/01/2013	09/01/2013	4,743,916
Jan-13	ACCUM	218,886,656		252,050,286	251,813,291	-236,995				251,813,291			247,679,650
58	MONTH	7,657,673	65	5,840,099	5,567,133	-272,966	0	0	0	5,567,133	06/02/2013	06/02/2013	4,133,642
Feb-13	ACCUM	222,125,550		257,890,385	257,380,425	-509,960				257,380,425			251,813,292
59	MONTH	8,745,640	66	3,426,444	3,398,395	-28,049	0	0	0	3,398,395	06/03/2013	06/03/2013	5,567,133
Mar-13	ACCUM	227,632,296		261,316,829	260,778,820	-538,009				260,778,820			257,380,425
60	MONTH	8,851,735	68	2,701,828	2,532,733	-169,095	0	0	0	2,532,733	03/04/2013	03/04/2013	3,398,395
Apr-13	ACCUM	230,977,285		264,018,657	263,311,553	-707,104				263,311,553			260,778,820
61	MONTH	5,771,857	69	2,324,698	2,523,273	198,575	0	0	0	2,523,273	29/05/2013	29/05/2013	5,056,006
May-13	ACCUM	233,404,153		266,343,355	265,834,825	-508,530				265,834,825			265,834,825
62	MONTH	9,080,815	70	2,807,729	3,117,075	309,346	0	0	0	3,117,075	26/06/2013	26/06/2013	3,117,075
Jun-13	ACCUM	240,058,100		269,151,084	268,951,900	-199,184				268,951,900			268,951,900
63	MONTH	9,257,342	71	2,643,888	2,583,590	-60,299	0	0	0	2,583,590	24/07/2013	24/07/2013	2,583,590
Jul-13	ACCUM	242,661,495		271,794,972	271,535,490	-259,482				271,535,490			271,535,490
64	MONTH	4,723,684	72	2,511,163	2,472,576	-38,587	0	0	0	2,472,576	21/08/2013	21/08/2013	2,472,576
Aug-13	ACCUM	244,781,784		274,306,135	274,008,066	-298,069				274,008,066			274,008,066
65	MONTH	7,911,993	72	2,008,982	2,135,214	126,232	0	0	0	2,135,214	11/09/2013	11/09/2013	2,135,214
Sep-13	ACCUM	250,573,488		276,315,117	276,143,280	-171,837				276,143,280			276,143,280
												276,143,280	

Project: **Edinburgh Tram Network**as per: **30/09/2013**

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
TSA/13/03	31/07/2013				Awaiting Formal Report

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	0	6	9%	9	-	9	-	100%
1B	-	-	-	-	-	-	-	-	-
1C,1C/D St A Sq, Princes St, York Pl	80	29	63	79%	63	1	56	5	89%
1D	99	28	77	78%	43	0	39	2	91%
2A	37	2	36	97%	126	1	121	0	96%
5A	108	17	92	85%	65	2	63	5	97%
5B	125	38	103	82%	100	0	80	5	80%
5C	64	21	53	83%	79	0	65	1	82%
6	36	0	36	100%	125	0	125	0	100%
7A	193	0	193	100%	73	0	73	0	100%
System NCRs (non-audit)					683	4	631	18	92%
Cancelled					18	0	18	0	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 where there are ongoing works on site. Inspection and Test Records are being received from contractors and are currently being reviewed by Bilfinger.

Project: **Edinburgh Tram Network**

as per: **30/09/2013**



2.12 Safety Information System - SIS

Bilfinger Construction⁵ - Monthly Safety Report

Month	Sep-13				Prepared by	[REDACTED]		Contact	[REDACTED] @bilfinger.co.uk	
Site or office and Unit5	Bilfinger CO ¹ Managers, Supervisors, Foremen	Bilfinger CO ¹ workers	JV people under Bilfinger CO control	Sub-contractors ³	Agency / hired people / Bilfinger SE workers eg BIS	Total	Others, eg public			
Number	38		39	188		265				
Hours ²	5922		6067	39175		51164				

Accidents in this month (if no accidents but a previous accident person is still away from work, write in calendar days lost but leave accident space clear)

Fatal						0				
Serious: over 3 days injury						0				
Duty travelling / commuting 1D+						0				
LTI 1 -3 days injury						0				
1st Aid only						0				
Calendar days lost this month + from any previous ongoing accidents						0				

Incidents

Damage						0				
Environment Ecology / Pollution						0				
Not work related eg flood bomb scare						0				
Near misses, hazards reported						0				

Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents, plus any work-related 'Health' incidents

IP Name or incident location/Ref	Employer	Injury / Incident	date of acc / inc	Return to work date ⁴	Cal days lost this month Max 30
[REDACTED]	[REDACTED]	Whilst trying to dislodge a chisel with a hammer that was wedged between to sections of rebar Mr Robertson managed to hit himself on the eye with the	04-Jul-13		30
[REDACTED]	[REDACTED]	During surfacing operations the injured person fell backwards whilst entering the roller onto his wrist	14-Aug-13		30

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

2.13 Project Photographs

Picture 01 Section 1C York Place



Picture 02 Section 1C York Place



2.13 Project Photographs

Picture 03

Section 1D

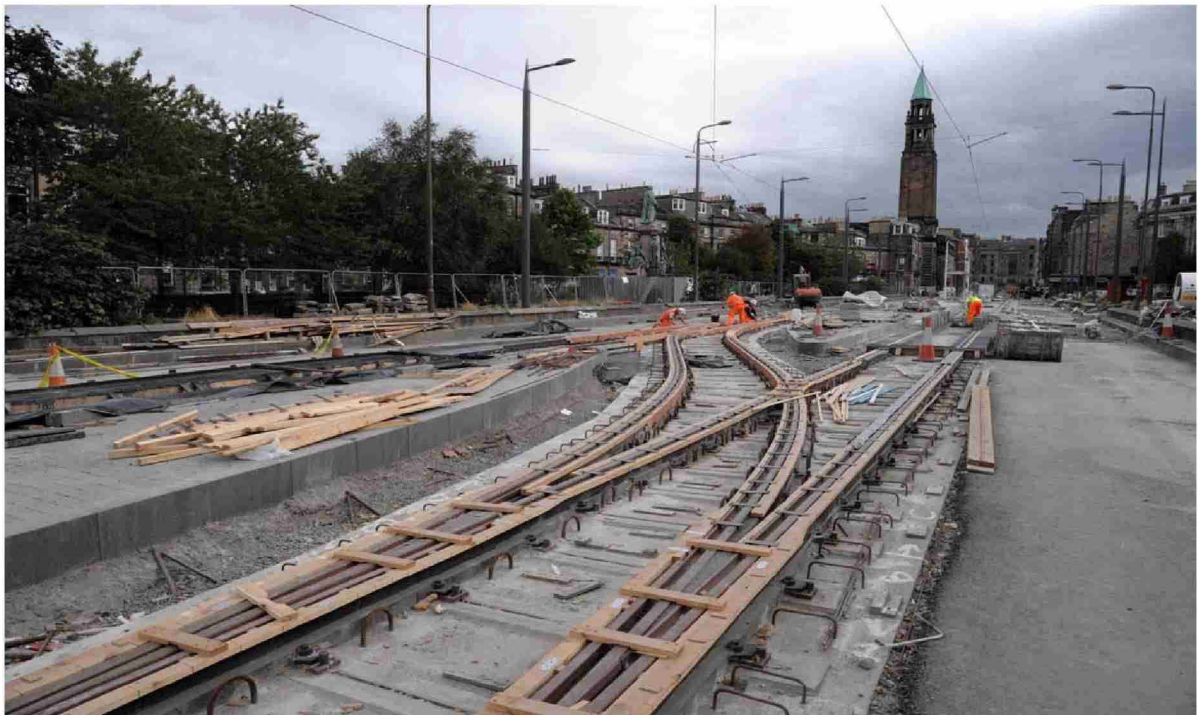
Shandwick Place



Picture 04

Section 1D

Shandwick Place



2.13 Project Photographs

Picture 05

Section 2A

Tram Stop Haymarket



Picture 06

Section 5B

Tram Stop Edinburgh Park Station



2.13 Project Photographs

Picture 07

Section 5B Tram Stop Edinburgh Park Central



Picture 08

Section 5C & 6 A8 Underpass, Gateway, Depot Access Bridge



3.01 Overview of Contingencies

Estimated Risks from Risk & Opportunity Sheet / Top Sheet		estimated	used	reduced	remaining
		GBP	GBP	GBP	GBP
Contractual Risks					
01.	Drawings will be not provided by SDS on time	188,188		-188,188	0
02.	Changes in law affecting clause 84 of the contract	62,729		0	62,729
03.	Taken risk on soft ground conditions	439,106		-439,106	0
Total Contractual Risks		690,024	0	-627,295	62,729
Design Risks					
04.	Assessed quantities not subcontracted at the time of tender submission	250,918		-250,918	0
05.	Her Majesty's Railway Inspectorate	21,955		0	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	0
09.	Programme risk on Sectional Completion Date B - Site costs on Delay	8,155		-8,155	0
10.	Programme risk on Sectional Completion Date C - LD's	183,484		0	183,484
11.	Programme risk on Sectional Completion Date C - Site costs on Delay	94,094		0	94,094
12.	Programme risk on Sectional Completion Date D - LD's	231,472		0	231,472
13.	Programme risk on Sectional Completion Date D - Site costs on Delay	28,228		0	28,228
14.	Network Rail requesting additional protection measures for temporary works	62,729		0	62,729
15.	Network Rail causing additional possessions and engineering hours	62,729		0	62,729
16.	Limits exceeding pollution	6,273		0	6,273
17.	Clients interpretation of Code of Construction Practice	62,729		0	62,729
18.	Power cables for street lighting between substations and user	7,528		0	7,528
19.	Additional works to be carried out under Network Rail License	301,101		0	301,101
Total Construction Risks		1,081,770	0	-41,401	1,040,368
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		0	501,836
22.	Interfaces Siemens not covered	940,942		-231,732	709,210
23.	Insurance deductibles	9,409		0	9,409
24.	Subcontractor insolvency	313,647		-78,412	235,236
25.	Defects Liability	602,203		-150,551	451,652
Total Commercial Risks		2,995,333	0	-1,087,989	1,907,343
Other Risks					
				0	0
				0	0
				0	0
				0	0
Total Other Risks		0	0	0	0
Total Values		5,040,000	-	- 2,007,603	3,032,397