

EDINBURGH TRAM NETWORK

FINAL Monthly Project Report July 2014



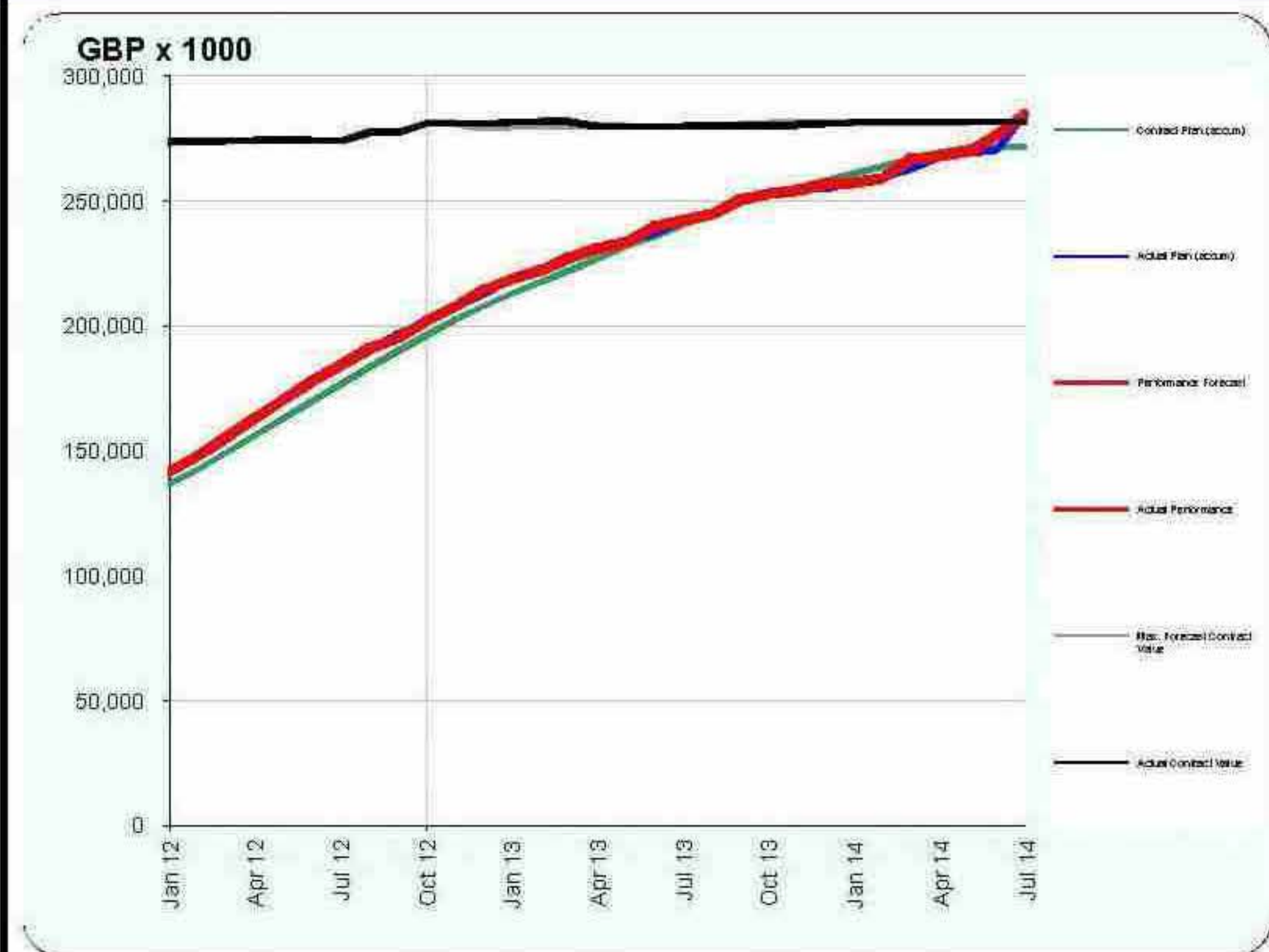
Monthly Report Major Projects

Project: **Edinburgh Tram Network**
Reporting Period: **July 2014**

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1.01 Project Overview Charts



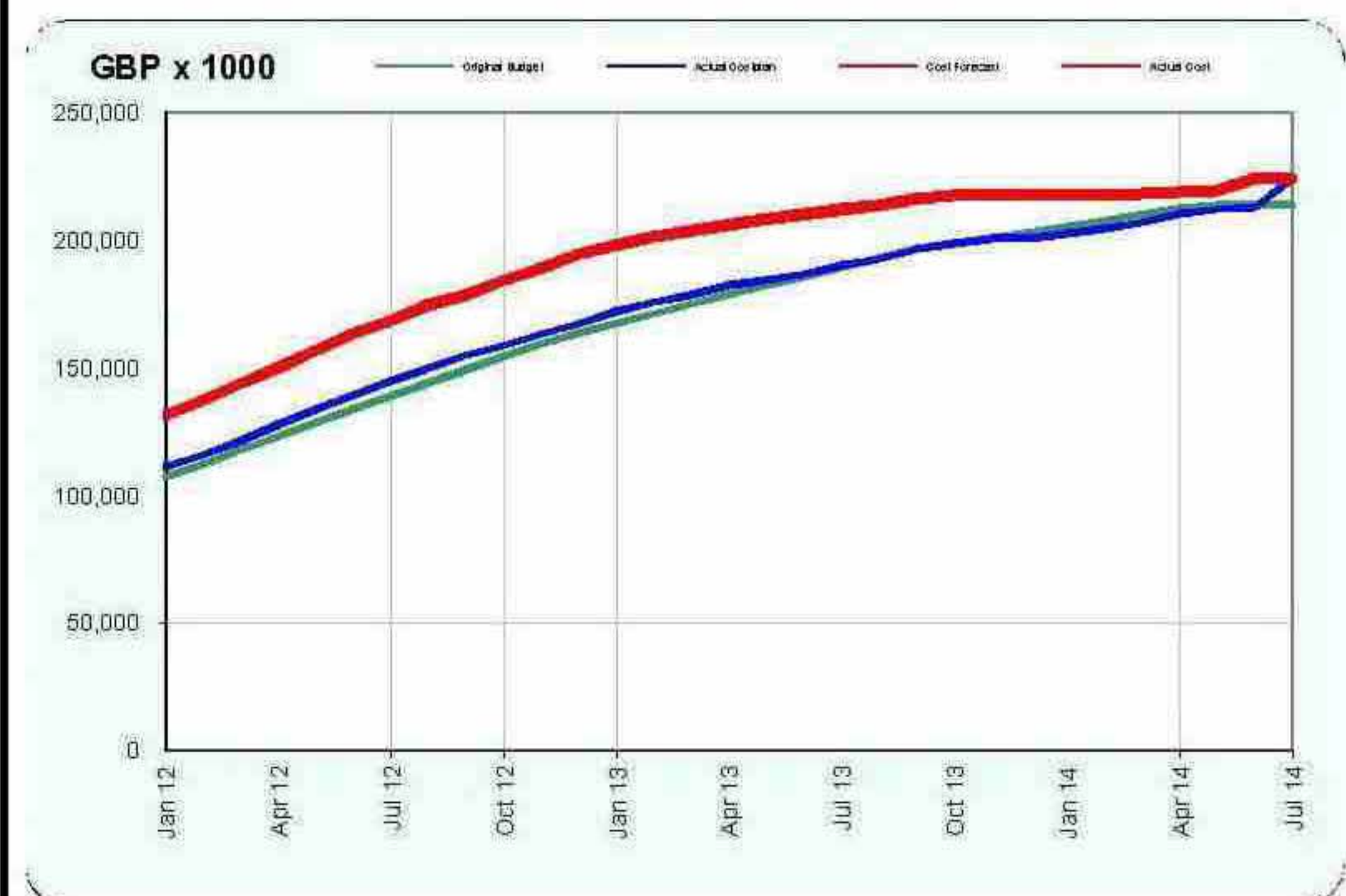
Performance

	Original Contract (Rev1)	Settlement Agreement (Rev4)	Planned (Rev5)	Actual	Status Figures	
Construction start date		15-May-08				
Construction end date	16-Jul-11	08-Jul-14	08-Jul-14	30-May-14	-1.3 month	green
Total contract value [GBPx1000]	141,509	271,542		281,690		
Claims / Variations approved				10,148		
Claims / Variations not approved				0		
Performance		271,544	284,897	284,890	100.0%	green
Actual Cost to Date				224,463	100.0%	green
Result	11.07%	7.23%	21.21%	21.21%	14.0%	green
Payment Status		271,544	284,890	284,897	100.0%	green
Av.Perf/mth: Rem. & act. 3mth			0	5,647		green

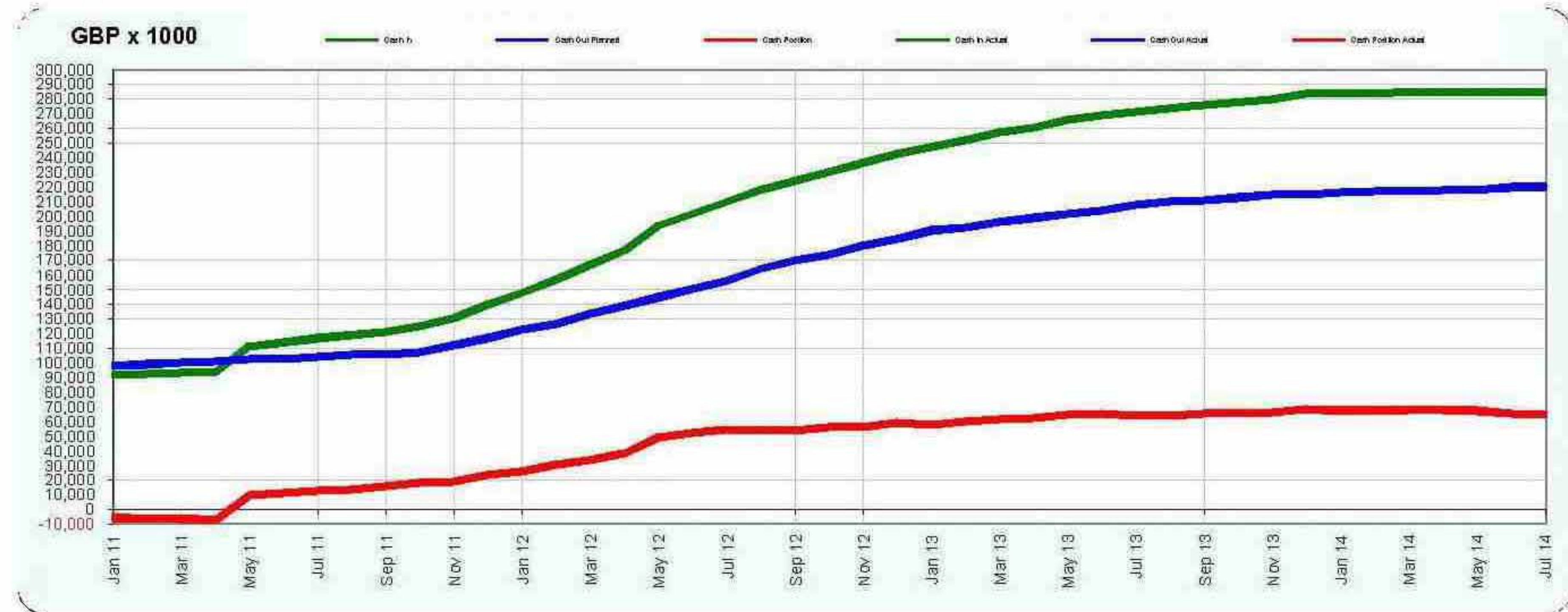
Project Key Figures



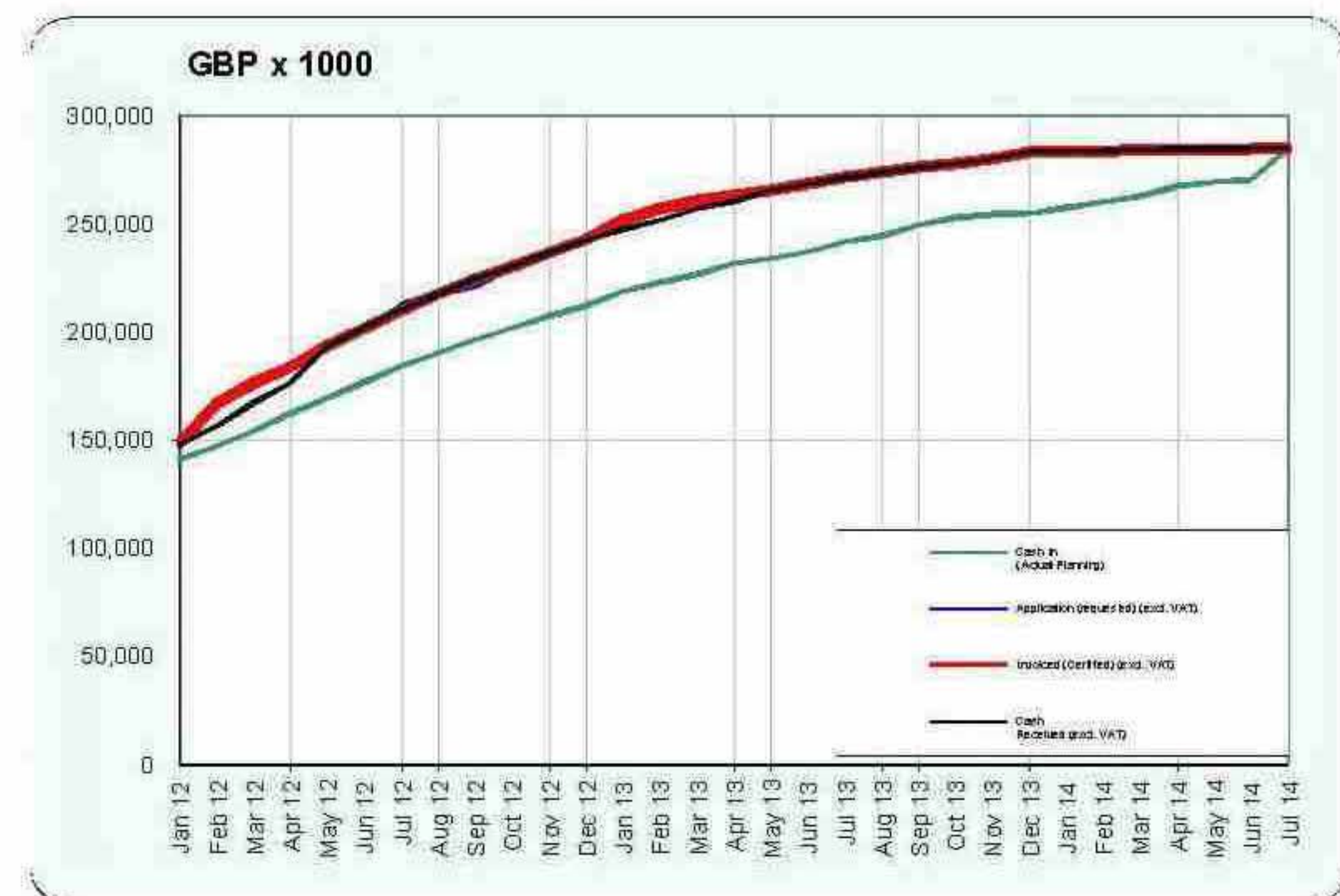
Project Result



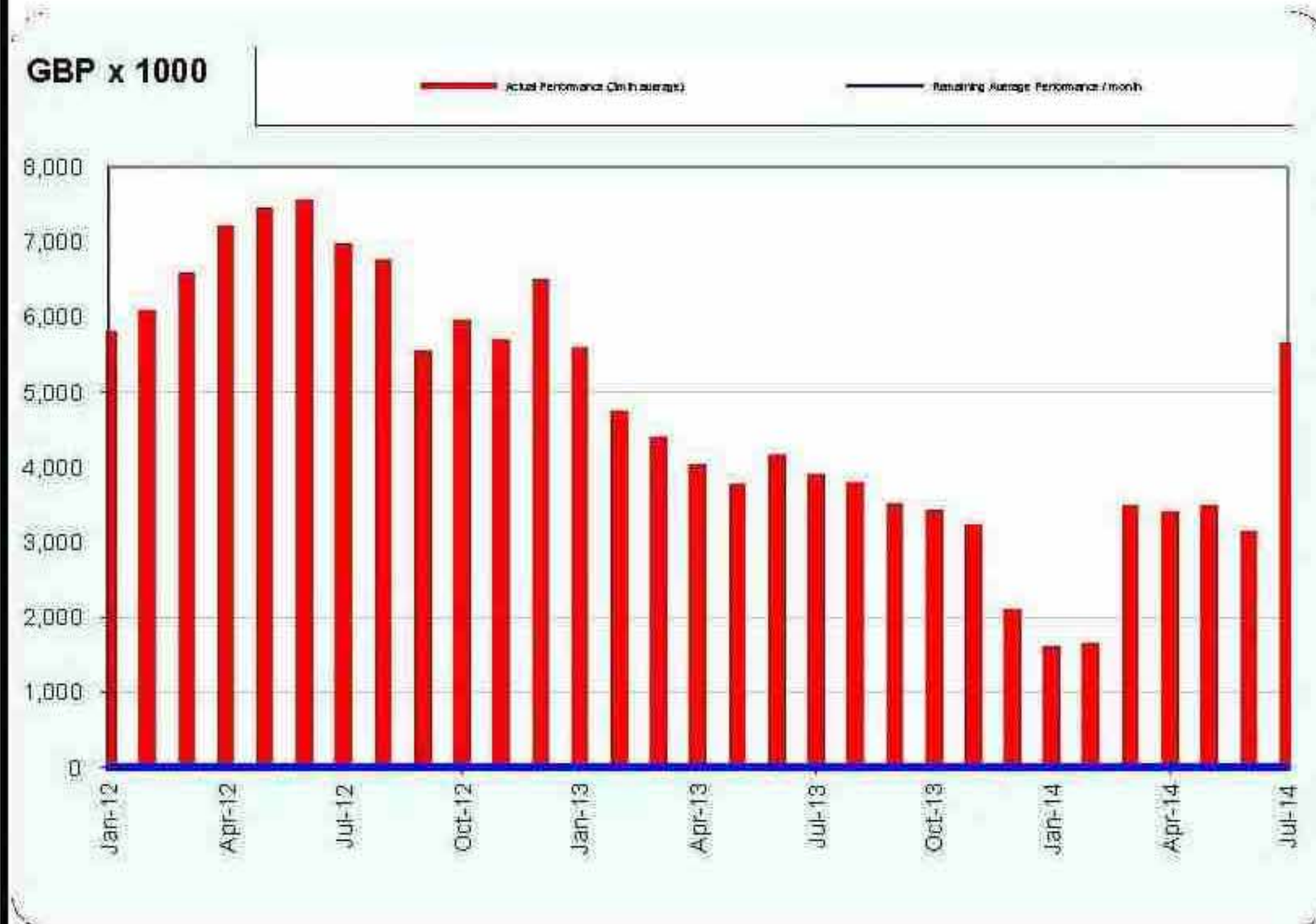
Project Cost



Cashflow



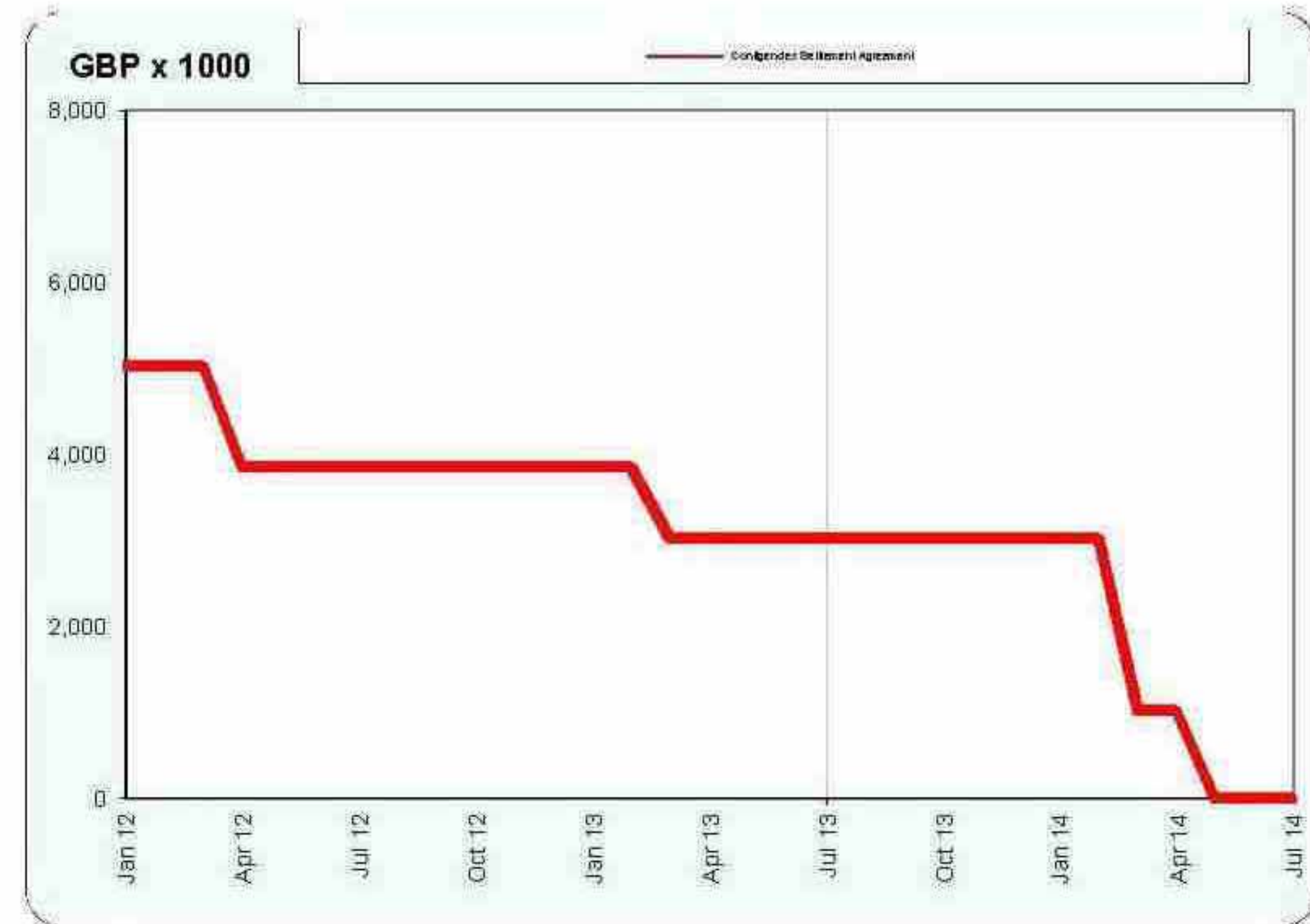
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev4)



Contingencies vs Risks

		Project: Edinburgh Tram Network			
		as per: 31/07/2014			
1.02 Short note on Overview Charts					
1.2.1	Performance				
Last month works were performed:					
Actual performance:		£8,253,970			
Planned performance:		<u>£8,260,886</u>			
Variance:		-£6,916		caused by a negative change order	
1.2.2	Project Cost				
The planned and final project cost could be further reduced because of savings on final accounts with subcontractors as well as on overhead costs.					
1.2.3	Project Result				
Monthly cumulative result:		£60,427,245		or	21.21%
Forecast/planned result:		£60,420,465		or	21.21%
Weighted margin out of R&O:		£60,420,465		or	21.21%
1.2.4	Payment Status				
All payments from the client CEC were received by April 2014.					
Invoiced net to the client:		£284,897,082			
Paid net from the client:		<u>£284,897,082</u>			
		Variance		£0	
Note: The negative change order of £6,916 has to be credited to the client finally.					
1.2.5	Cashflow				
The cash position decreased as expected:					
Cash in net:		£285,968,372		(incl. interest income)	
Cash out net:		£220,556,995			
Cash balance net:		£65,411,377			
1.2.6	Contingencies				
The installed contingency value was following achievement of Completion C reduced accordingly.					
		£0		(see attachment 3.01)	
1.2.7	Construction Programme				
The updated Programme Rev 5 (agreed with the client 01/06/2012) is still in place.					
Contractual milestones defined:					
Sectional A Completion Date:		16 December 2011		- Achieved -	
Sectional B Completion Date:		08 March 2013		- Achieved -	
Sectional C Completion Date:		09 April 2014		- Achieved - 13 March 2014	
Sectional D Completion Date:		08 July 2014		- Achieved - 30 May 2014	
Sectional B1 completion date has been agreed with the client (non-contractual).					
Sectional B1 Completion Date:		20 December 2013		- Achieved -	

		Project: Edinburgh Tram Network			
		as per: 31/07/2014		BILFINGER Bilfinger Construction GmbH	
1.03 General Information					
1.3.1 Short note on progress, events this month					
<u>Mobilisation/Demobilisation:</u> Site and Consortium Office were demobilised by 31 July 2014. <u>Design:</u> As-built drawings have been completed during July and final account agreed with SDS. <u>Procurement :</u> S/C contract for ETN Maintenance contract in final phase. <u>Construction :</u> Few remaining snaggs to be carried out and finished until end of August. <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. 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. During the month 1 new negative Change Orders was agreed and has to be issued. The Variation Order value remains £10,154,791 in total and will decrease by £6.9k.					
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					
		None.			

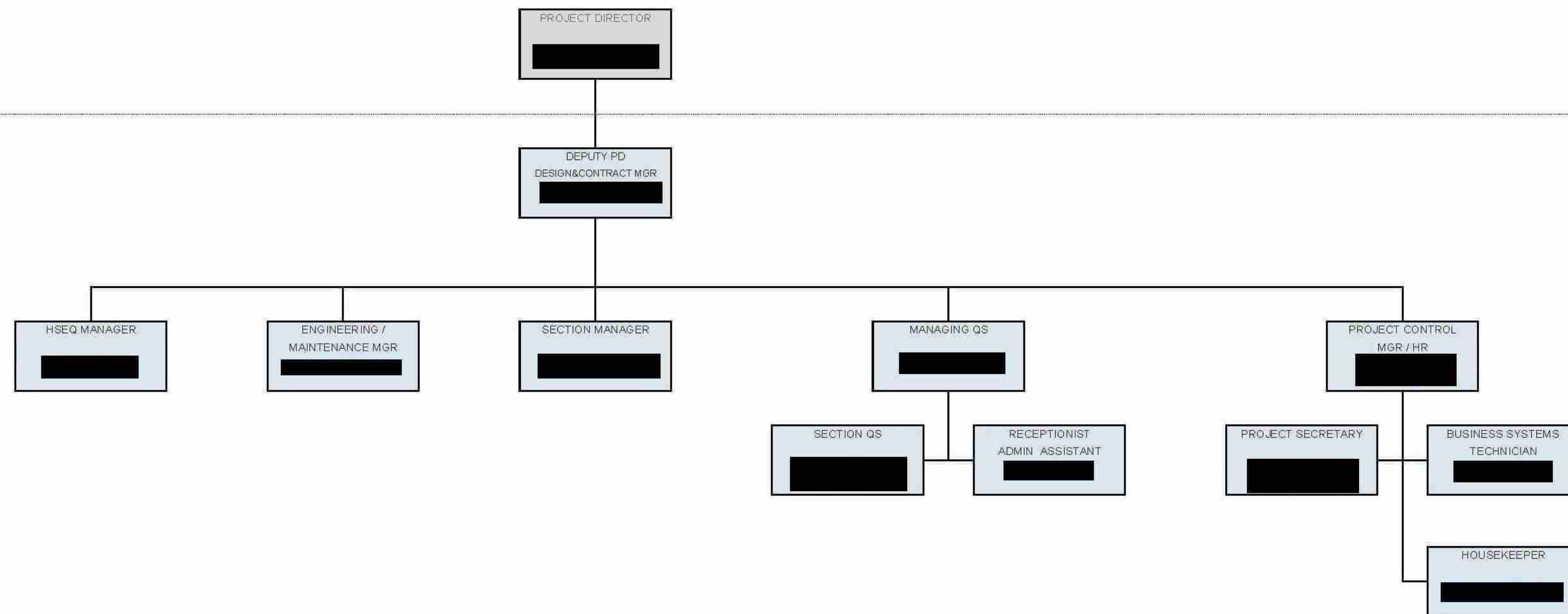
						Project: Edinburgh Tram Network							 BILFINGER Bilfinger Construction GmbH	
						as per: 31/07/2014								
1.04 Performance Sheet														
1. General Information														
Client: The City of Edinburgh Council						2. Construction Period		Original Contract		Revised Contract		Variance		
Leadership: BILFINGER CONSTRUCTION UK LIMITED Share: 100%						Construction start date		15-May-08		15-May-08		0 days		
Currency: GBP Rp. (all amounts without V.A.T.)						Construction end date		16-Jul-11		30-May-14		1,049 days		
Rate of Exchange Top Sheet: 1 GBP = 1.11 EUR Actual: 1.25 EUR						Total excl. Site Removal		38.0 month		72.5 month		190.6 %		
						Expired construction time		74.5 month		74.5 month		102.8 %		
						Performance to date		284,890,166 GBP				100.0 %		
2. Total Contract Value														
Date of Contract						Total Previous Month		July 2014		Total Reporting Month				
Main Contract Value with Client (Rev 4) 271,542,291 (incl. SDS NovaAgree) 100.00%						281,697,082 103.7%		-6,916		281,690,166		103.7%		
Other Contract Value with Client (Phase 1b)						3,200,000 1.2%		0		3,200,000		1.2%		
						284,897,082 104.9%		-6,916		284,890,166		104.9%		
3. Claims and Variations														
Claims and Variations approved						10,154,791 3.7%		-6,916		10,147,875		3.7%		
Claims and Variations submitted but not approved yet						0 0.0%		0		0		0.0%		
Claims and Variations under preparation						0 0.0%		0		0		0.0%		
4a. Performance														
Performance for Actual Contract Value with Client						276,636,196 98.20%		8,253,970		284,890,166		100.00%		
Performance for 3rd Parties (without interest)						0 0.00%		0		0		0.00%		
Total Performance to Date						276,636,196 97.10%		8,253,970		284,890,166		100.00%		
Remaining Performance to Date						8,260,886 2.90%				0		0.00%		
Actual Planned Performance (Planned Performance per report date - Performance Last Month)						276,636,196 98.20%		8,260,886		284,897,082		101.14%		
4b. Cost														
Actual Cost at Reporting Date						224,474,811 78.79%		-11,890		224,462,921		78.79%		
5. Result														
Date of Contract						Total Previous Month		July 2014		Total Reporting Month				
Planned Result for Contract with Client (revised evaluation) 19,632,508 7.23%						53,037,420 18.83%		7,383,045		60,420,465		21.21%		
Actual Result at Reporting Date						52,161,385 18.86%		8,265,860		60,427,245		21.21%		
Forecast Result at the End of Contract						53,718,947 18.86%		6,701,518		60,420,465		21.21%		
Weighted Result at the End of Contract (Likely Case)						67,138,029 23.57%		-6,717,564		60,420,465		21.21%		
6. Invoices, Payment and Bank account														
Application to the client - excl. VAT incl. Ret. Money 0 0.00%						284,897,082 101.14%		0		284,897,082		100.00%		
Certified by the client (Invoice) - excl. VAT incl. Ret. Money 0 0.00%						284,897,082 101.14%		0		284,897,082		100.00%		
Cash in from the client - excl. VAT excl. Ret. Money 0 0.00%						284,897,082 101.14%		0		284,897,082		100.00%		
Cash in from 3rd Parties - excl. VAT						0 0.00%		0		0		0.00%		
Interest income						1,071,290 0.39%		0		1,071,290		0.38%		
Cash out (excl. VAT)						220,353,136 77.34%		203,859		220,556,995		77.42%		
Net Liquidity creditline 0 0%						65,615,236 23.03%		-203,859		65,411,377		22.96%		
7. Subcontractor Work (incl. Design)														
Total Portion of Subcontractor Budget (first evaluation) 186,628,491 (incl. SDS) 68.73%						190,651,008 66.92%		0		190,651,008		66.92%		
Total Amount of signed 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				
										Performance and Result in 2008-2010				
2008 2009 2010 2011					2008-2010 2011 2012 2013 2014					Performance 100,868,316 35.4%				
Jan 1,706 2,786 2,346					1,573 5,817 4,419 892					Result 118,099 0.12%				
Feb 2,526 4,026 2,026					815 6,518 3,239 1,632					Performance and Result in 2011				
Mrz 3,526 5,026 2,526					2008 788 7,419 5,507 7,893					Performance 3				

		Project: Edinburgh Tram Network			 BILFINGER Bilfinger Construction GmbH				
		as per: 31/07/2014							
1.05 Weighted Result with Chances and Risks									
	Revenue	best case	likely case	worst case		Cost	best case	likely case	worst case
		' GBP	' GBP	' GBP			' GBP	' GBP	' GBP
1	Actual Contract Value according Job Site Estimate incl. Approved Change Orders	284,890	284,890	284,890	1	Actual Cost Forecast according Job Site Estimate incl. cost for integrated Changes	-224,470	-224,470	-224,470
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				
5.2					5.2				
5.3					5.3				
5.4					5.4				
5.5					5.5				
5.6					5.6				
5.7					5.7				
5.8					5.8				
5.9					5.9				
5.10					5.10				
5.11					5.11				
5.12					5.12				
5.13					5.13				
5.14					5.14				
5.15					5.15				
Σ 5	Chances	0	0	0	Σ 5	Chances	0	0	0
6 =1+3+4+5	Forecast Final Revenue	284,890	284,890	284,890	6 =1+3+4+5	Forecast Final Costs	-224,470	-224,470	-224,470

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	284,890		
	Costs	-224,470		
	Result	60,420		
% Gross Margin based on Revenue Best Case	Revenue: 284,890	21.21%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		284,890	
	Costs		-224,470	
	Result		60,420	
% Gross Margin based on Revenue Likely Case	Revenue: 284,890		21.21%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			284,890
	Costs			-224,470
	Result			60,420
% Gross Margin based on Revenue Worst Case	Revenue: 284,890			21.21%
Gross Margin previous month (most likely case)		21.21%	21.21%	18.86%

	Project: Edinburgh Tram Network as per: 31/07/2014	 BILFINGER Bilfinger Construction GmbH
2.01 Cost Reconciliation Sheet		
see following pages		

2.05 Organisation Chart

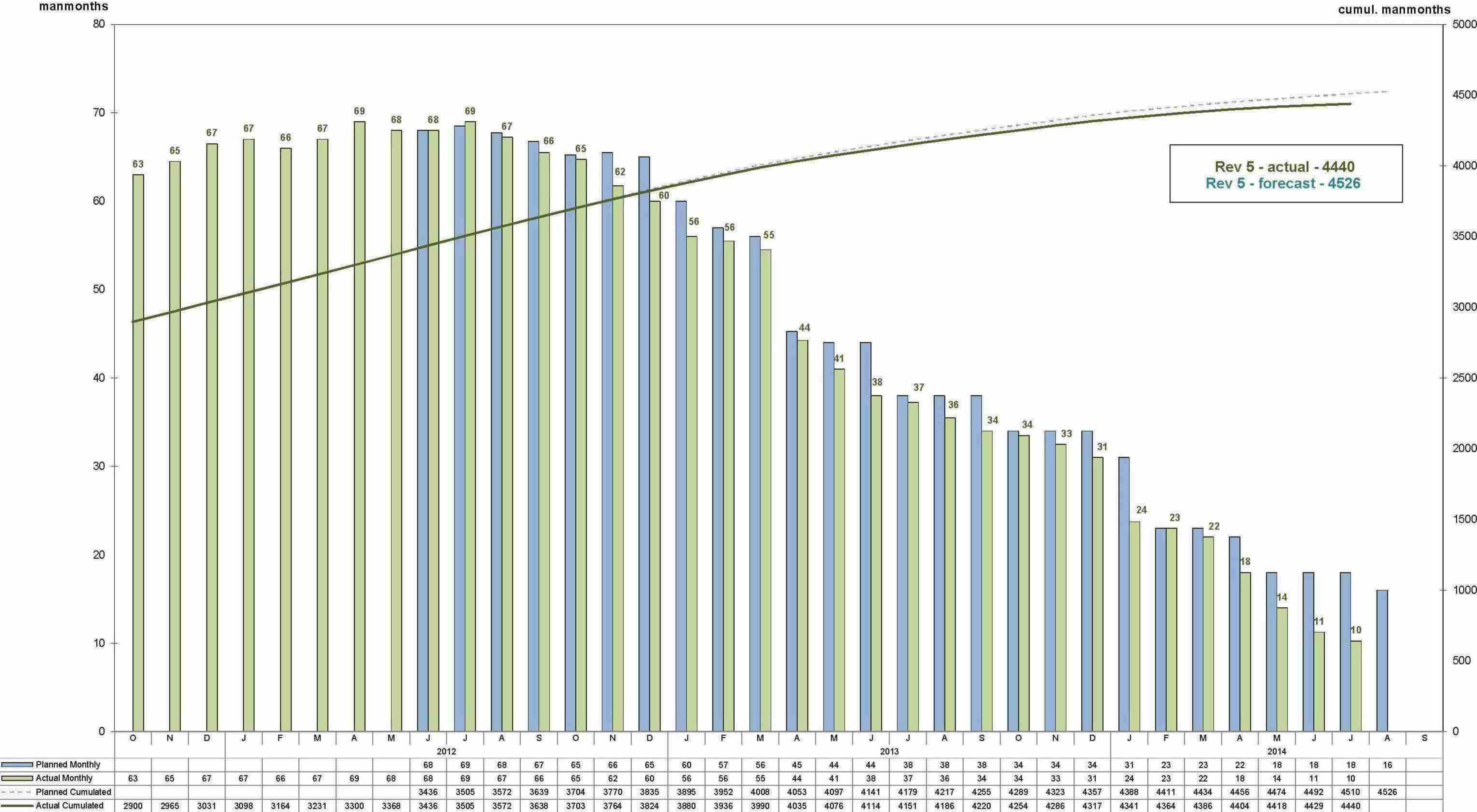


**EDINBURGH TRAM NETWORK
CIVIL WORKS TEAM**

Rev78

01/07/2014

2.06 Staff Chart



										Project: Edinburgh Tram Network		 Bilfinger Construction GmbH								
										as per: 31/07/2014										
										2.08a Approved Change Orders										
													Job Estimate Budgets							
PMC	tNC	tCO	EOT	Design	CST	CI 80.15	Sch 45	Section / Activity		Description	Date issued	Revenue	EOT	Design	Construction	Preliminaries	Margin	Margin in %	Remarks	
1	501	502		✓				1A	66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011	20,021.00		14,841.36	-	3,359.55	1,820.09	9.09%		
2	502	508		✓				1A	66	New Footpath at ocean Drive	26/10/2011	10,231.00		7,584.14	-	1,716.77	930.09	9.09%		
3	503	515			✓			5C	63	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%		
4	504	506		✓				1C	66	Inclusion of Blenheim Place redesign (for TRO) within Picardy Place redesign - Instruction	26/10/2011	46,247.00		34,282.43	-	7,760.30	4,204.27	9.09%		
5	505	513		✓	✓			1C	66.12	Design of York Place Terminal Point and new running modelling incorporating New run time model based on York Place Terminal Agreement (see PMC 1A)	29/11/2011	228,652.80		169,498.00	-	38,368.18	20,786.62	9.09%		
6	506	503A		✓				1C	66	Princes St - new cycle way from The Mound into Princes Street	26/10/2011 30/01/2012	11,105.64		8,232.50	-	1,863.54	1,009.60	9.09%		
7	507	504D		✓				1C	66	St Andrew Square Public Realm Design finalisation	18/01/2013	135,143.49		100,180.50	-	22,677.22	12,285.77	9.09%		
8	509	519		✓				OH	66	Cathedral Lane Substation - change to Henderson Global Design	15/12/2011	233,595.67		173,162.10	-	39,197.60	21,235.97	9.09%		
9	520	553			✓			6	63	Valve chamber access and alterations to 800mm water main at depot	28/02/2012	96,909.26			71,837.85	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. CUI Ref BARR6/015	22/11/2011	5,750.46		3,440.00	822.76	964.93	522.77	9.09%		
12	512	505A		✓				1A	66	Incorporate AECOM design for Ocean Terminal Bypass Road	28/02/2012	53,685.15		39,796.26	-	9,008.43	4,880.47	9.09%		
13	508	507		✓				7A	66	New Road Safety Audit to achieve BAA/EAL approval	26/10/2011	10,025.00		7,431.43	-	1,682.21	911.36	9.09%		
15	513	526A		✓				SW ON	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			✓			SW ON	15	Utility mapping	29/02/2012	92,756.07			68,759.13	15,564.57	8,432.37	9.09%		
17	516	565			✓			6	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			✓			6	63	Additional BT 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		✓	✓			7	62.66	NIL Design Finalisation	16/07/2012	-40,559.19		3,784.50	-	33,850.62	-	3,887.20	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	City Chamber - Ammanford Street Communication Links. Usage of CEC available BT-Lines to avoid provision of direct FO link from Princes Street to the City Chambers. (Finance Reference: SY 00224)	29/11/2012	4,535.57			3,362.17	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			✓			6	63	Tram Delivery Temporary Works	12/12/2011	6,878.44			5,098.92	1,154.21	625.31	9.09%		
31	544	512			✓			OH	64	Extension to Edinburgh Park Office to accommodate CEC/Transport Scotland	22/11/2011	159,900.00			139,043.40	6,320.24	14,536.36	9.09%		
41	534	556			✓			5ABC	54	Scottish Power Insurance Ducts	01/05/2012	5,636.59			4,178.35	945.83	512.42	9.09%		
42	540	509A		✓	✓			7	54.66	Amendment to landscaping scope at plot 304 section 7	01/02/2012	-201,120.00		3,768.00	-	152,856.21	-	18,283.64	9.09%	
45	555,557,562	521D		✓		✓		OH	66	Siemens OLE design update	10/04/2013	108,889.04		80,718.34	-	18,271.70	9,899.00	9.09%		
46	566	535B		✓		✓		OH	66	On-Street design changes due to utilities conflicts	07/10/2013	53,321.00		39,526.32	-	8,947.32	4,847.36	9.09%		
47	568	537B		✓		✓		OH	66	On-Street Design Changes due to trackform conflicts	18/06/2013	8,870.03		6,575.26	-	1,488.40	806.37	9.09%		
48	553	516E		✓		✓		OH	66	SDS to provide services of Matt Fell	16/04/2013	141,730.67		105,063.51	-	23,782.56	12,884.61	9.09%		
50	567,779,689	536E,689		✓	✓	✓		2A	61.66	On-Street drainage design changes due to utilities conflicts	31/07/2013 07/10/2013	215,029.65		112,559.67	46,639.61	36,082.21	19,548.15	9.09%		
51	558	522A			✓			OH	65	Provision of CAD Technician	03/02/2012	1,693.00			1,255.00	284.09	153.91	9.09%		
53	559	545		✓				OH	66	Detailed Design of York Place Terminal	03/02/2012	56,438.11		41,837.00	-	9,470.37	5,130.74	9.09%		
54	565	533C		✓		✓		OH	66	Advanced design Edinburgh Gateway - Minimum Option	26/09/2012	5,949.09		4,410.00	-	998.26	540.83	9.09%		
56	563	534		✓		✓		OH	66	On-Street design of circular pile caps	09/01/2012	0		-	-	-	-	-	Regulated under PMC 054	
57	569	538			✓			OH	64	Running costs with the CEC office extension at Edinburgh Park	12/01/2012	79,220.00			68,886.96	3,131.22	7,201.82	9.09%		
59	561	528			✓			1A	31	Value Engineering Forth 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 parts of cladding	16/07/2012	-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	-	2,288.76	1,239.98	9.09%		

										Project: Edinburgh Tram Network									 Bilfinger Construction GmbH		
										as per: 31/07/2014											
										2.08a Approved Change Orders											
													Job Estimate Budgets								
PMC	tNC	tCO	EOT	Design	CST	CI 80.15	Sch 45	Section / Activity		Description	Date Issued		Revenue	EOT	Design	Construction	Preliminaries	Margin	Margin in %	Remarks	
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			✓			SW ON	15	Remove site investigation allowance	03/02/2012		-57,984.00			- 52,712.73	0.00	- 5,271.27	9.09%		
70	586	557A		✓		✓		1C	66	Amended Design on St Andrew Square	20/08/2012		15,227.51		11,288.00	-	2,555.19	1,384.32	9.09%		
71	587	555B		✓		✓		SW ON	66	Revised 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		0			-	-	-			
80	560	662			✓	✓		1C	12	St Andrew Square descope	24/04/2013		-2,156,490.38			- 1,960,445.80	0.00	- 196,044.58	9.09%		
81	582	549			✓			5A	61	Deleted Roseburn Viaduct Trespa cladding	09/02/2012		-308,004.00			- 280,003.64	0.00	- 28,000.36	9.09%		
83	589	552						7	62	Deletion of Airport Kiosk	29/02/2012		-150,000.00			- 136,363.64	0.00	- 13,636.36	9.09%		
84	593	558A		✓		✓		SW ON	66	Cessation of Design North of York Place (SV-208F)	13/07/2012		0		-	-	-	-			
85	591	563A			✓			2A	61	Diversion of Scottish Power Cable	21/02/2013		2,428.20			1,800.00	407.45	220.75	9.09%		
89	601	560		✓	✓	✓		5C	62,66	Shelters at Gogarburn Tramstop to be 8m length	15/03/2012 14/08/2012		27,862.60		2,671.00	17,983.26	4,675.37	2,532.96	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		1,408.54	-	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 all Tramstops for 110v socket for cleaning purposes (On Street)	23/10/2012		-6,153.73			- 4,561.70	- 1,032.60	- 559.43	9.09%		
95	608	624			✓			SW	54,61,62,63	Delete Requirements at all Tramstops for 110v socket for cleaning purposes (Off Street)	23/10/2012		-36,851.41			- 27,317.58	- 6,183.71	- 3,350.13	9.09%		
98	644	581								withdrawn						-	-	-			
102	612	667			✓			SW ON		Stops, branding change - On Street	16/05/2013		0			-	-	-			
105	617	668			✓			SW OFF		Stops, branding change - Off Street	16/05/2013		0			-	-	-			
112	618	576			✓			6	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		✓		✓		7	66	Airport Tram Stop Design	27/09/2012		17,783.87			13,183.00	-	2,984.15	1,616.72	9.09%	
119	627	599		✓				1D	66	St Johns Church deletion of pedestrian barrier	21/08/2012		0			-	-	-	-		
120	623	596			✓			6	25	Gogar Depot Repair	28/08/2012		1,867.15			1,384.10	313.31	169.74	9.09%		
121	663	588			✓			5C	63	Estimate for CEC for purchasing the existing heras fencing surrounding the Mini Test Track	16/07/2012		6,423.88			4,761.96	1,077.93	583.99	9.09%		
124	636A	571B		✓	✓	✓		5C	54,66	Twin Crossings at Lochside Avenue	05/02/2013		29,051.92		8,226.43	13,309.46	4,874.94	2,641.08	9.09%		
139	669	622			✓			7A	62	SGN Remedial works - Backfill at New Ingliston	18/12/2012		16,063.95			11,908.04	2,695.55	1,460.36	9.09%		
148	643	572B		✓	✓	✓		5C	54,58,66	Edinburgh Gateway Works, Design & Construction	28/08/2012		2,972,732.16		119,266.00	2,084,390.16	498,827.62	270,248.38	9.09%		
150	647C	577F		✓		✓		1C	66	Design on street works carriageway reconstruction	09/01/2013		27,677.43		20,517.00	-	4,644.30	2,516.13	9.09%		
151	648	579A		✓		✓		1CD	66	Design cabinet positions for street lighting Princes Street	14/08/2013		0			-	-	-	-		
153	651A	625A			✓	✓		SW	12,13,14,45,54,61,62	Defer installation of Tramstop shelter and Fit Out	01/03/2013		34,941.80			25,902.00	5,863.27	3,176.53	9.09%		
155	657	582A		✓		✓		1CD	66	As-Built Drawings Princes Street	11/10/2012		3,271.33		2,425.00	-	548.93	297.39	9.09%		
169	662	590A			✓	✓		7A	62,66	Topographical Survey	11/12/2012		2,586.95		1,478.00	439.68	434.09	235.18	9.09%		
170	667	594B		✓		✓		2A	66	Call off service to respond Network Rail Technical Queries	21/11/2013		14,301.37		10,601.46	-	2,399.79	1,300.12	9.09%		
171	668	595			✓			1C	12	York Place, De-scope of Works	12/07/2012		-1,015,155.80			- 966,815.09	-	- 48,340.71	4.76%		
172	719	627D		✓	✓	✓		SW	66,15,54,61,62	TVM details not yet available. Impact to Construction works. May need redesign. CI 80 / Sch 45	13/01/2014		134,690.10		10,163.00	89,681.40	22,601.14	12,244.55	9.09%		
173	666	593A			✓	✓		5A	61	ScotRail Pedestrian Access Gate	18/12/2012		4,905.64			3,636.50	823.17	445.97	9.09%		
177	670	592A		✓		✓		1C	66	Design response Princes St Road Safety Audit	11/10/2012		1,610.77		1,194.05	-	270.29	146.43	9.09%		
181	679	601A			✓	✓		6	63	Temporary reduction in the volume of water in Depot storage tanks	19/11/2012		0		-	-	-	-	-		

										Project: Edinburgh Tram Network		 BILFINGER Bilfinger Construction GmbH								
										as per: 31/07/2014										
										2.08a Approved Change Orders										
													Job Estimate Budgets							
PMC	tNC	tCO	EOT	Design	CST	CI 80.15	Sch 45	Section / Activity		Description	Date issued		Revenue	EOT	Design	Construction	Preliminaries	Margin	Margin in %	Remarks
192	675	648			✓			5A	61	Scotrail Depot Scottish Water meter works	21/02/2013		12,507.35			9,271.57	2,098.75	1,137.03	9.09%	
195	684	621			✓			6	25	Repairs to damaged utility cover slabs	23/10/2012		938.27			695.53	157.44	85.30	9.09%	
196	725	631B		✓		✓		ON	66	On Street Provision of DWG drawings - Drainage	28/02/2014		3,151.26		2,336.00	-	528.78	286.48	9.09%	
197	685	603A		✓		✓		1A	66	Design and As Built Information Lindsay Road	20/11/2012		7,090.34		5,256.00	-	1,189.77	644.58	9.09%	
199	690	606A			✓	✓		2A	61	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	664 750	591A 649			✓	✓		5C	62	Gogar Castle Access Road -Road Safety Audit - additional high friction surfacing + road warnings	21/02/2013		6,282.30			4,657.01	1,054.18	571.12	9.09%	
206	691	605A		✓	✓	✓		1C	66,tbc	Cathedral Lane, Tram Substation: Investigate and amend design of Cathedral Lane Retaining Wall	20/03/2013		46,568.83		34,521.00	-	7,814.30	4,233.53	9.09%	
207	672	608C		✓		✓		ON	66	Review and amend design for On Street Drainage	16/05/2013		17,980.00		13,328.39	-	3,017.06	1,634.55	9.09%	
208	-	620	✓					SW		Cost Engineering in respect of the Programme	18/10/2012		3,162,987.12	2,614,038.94	-	-	-	548,948.18	17.36%	
212	704	612A		✓		✓		1C	66	Carrageway Reconstruction - redesign of St Andrew Square	20/03/2013		9,206.93		6,825.00	-	1,544.93	836.99	9.09%	
213	689	609E		✓		✓		ON	66	Ons Street Road Sign Bases, Street Lighting Columns, Traffic Signal Poles, Ducting and Chambers (TPE 2's) - DESIGN	22/01/2014		87,743.00		65,042.99	-	14,723.37	7,976.64	9.09%	
214	683	604A			✓	✓		7	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	614E		✓	✓	✓		7	62,66	Reinstatement works at the Airport	01/10/2013		34,725.96		25,742.00	-	5,827.05	3,156.91	9.09%	
216	702	615A			✓	✓		7	62	Eastfield Avenue pedestrian crossing: provide and install STRAIL panels	18/01/2013		4,801.83			1,619.00	2,746.30	436.53	9.09%	
217	695	613A			✓	✓		7	62	Tanker Access North of CCRC exit at Burnside Road; temp road surface and install kerbs at Edinburgh Airport	14/03/2013		1,445.47			1,071.51	242.55	131.41	9.09%	
224		630B			✓	✓		1C	12	Construction of Cathedral Lane Substation and Retaining Walls	13/01/2014		365,643.91			271,048.12	61,355.44	33,240.36	9.09%	
226	696	646		✓				7	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			86,988.06	19,690.93	10,667.90	9.09%	
229	711	636			✓			2A	61	Fence requirements at Murrayfield, Scotrail & Royal Mail	22/01/2013		0			-	-	-		
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	6,385.03	2,026.64	1,097.97	9.09%	
235	724	629A		✓				5A	66	Realignment of Scottish Water pipe at Murrayfield	12/02/2013		3,265.93		2,421.00		548.03	296.90	9.09%	
236	723	641			✓			1CD	71	Road Safety Audit Princes Street	18/02/2013		674.50			500.00	113.18	61.32	9.09%	
243	726	637A			✓			2A	61	Deletion of Murrayfield Thistle	04/02/2013		-6,120.10			- 4,900.00	- 663.73	- 556.37	9.09%	
244	709	617			✓			5A	61	Scotrail car Park Landscaping Works	22/02/2013		0			-	-	-		
252	737	635			✓			5B	54	BT ducts at South Gyle Access Bridge - Works transfer	21/01/2012		-37,669.84		-	28,072.53	- 6,354.60	- 3,442.71	9.09%	
253	732	673			✓			5A	61	Roseburn Street Pavement Construction	18/06/2013		-12,544.14		-	9,042.64	- 2,361.12	- 1,140.38	9.09%	
254	753	650A		✓	✓	✓		2A	58,66	Additional Retaining Walls adjacent to Haymarket Scotrail Depot	09/09/2013		350,502.53		54,388.00	205,435.97	58,814.70	31,863.87	9.09%	
259	759	656			✓			7	62	Re-grading works at Eastfield Avenue	05/03/2013		23,345.11			17,305.49	3,917.33	2,122.28	9.09%	
261	744	638A			✓	✓		5B	54	Carrick Knowe Golf Course Drainage	20/08/2013		0			-	-	-		
262	736	642A		✓	✓	✓		1D	66	Amendment to road markings at Shandwick Place	10/07/2013		5,372.77		3,982.78	0.00	901.56	488.43	9.09%	
264	742	644A			✓	✓		5B	54	South Gyle Access junction supplemented by Aecom	13/01/2014		86,907.38			64,423.56	14,583.15	7,900.67	9.09%	
266	751	653A			✓	✓		7	62	Removal of Gogarburn hoarding	18/04/2013		2,468.10			1,829.58	414.15	224.37	9.09%	
267	752	654A			✓	✓		7	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	61	Installation of vibro prismo at Murrayfield Tramstop	04/03/2013		0			-	-	-		
272	755	652A			✓	✓		5C	62	Relocation of signage at Gogar Tram Stop	07/05/2013		582.67			431.93	97.77	52.97	9.09%	
273	758	676			✓			2A	61	Haymarket Terrace - High Friction Surface Descopé	25/07/2013		-19,447.55		-	11,210.00	- 6,469.59	- 1,767.96	9.09%	
NN	754	651B		✓	✓	✓		OFF	54,66	Additional earthing&bonding to demarcation fencing	31/07/2013		48,069.71			35,633.59	8,066.15	4,369.97	9.09%	Budget transferred over from Siemens Immunisation Budget to Bilfinger
278	765	658E			✓	✓		OFF	61,66	Fencing requirements to Network Rail corridor	28/11/2013		92,048.09		5,828.00	62,406.31	15,445.77	8,368.01	9.09%	
283	771	665A		✓	✓	✓		SW	66,71	Undertake analysis of the DKE of the CAF tram in accordance with technical information provided by CAF	19/08/2013		36,180.18		19,120.00	7,700.00	6,071.07	3,289.11	9.09%	

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													Job Estimate Budgets													
PMC	tNC	tCO	EOT	Design	CST	CI 80.15	Sch 45	Section / Activity		Description	Date issued	Revenue	EOT	Design	Construction	Preliminaries	Margin	Margin in %	Remarks							
286	770	675			✓			2A	61	Removal of parapet wall at Haymarket Station	31/07/2013	0			-	-	-									
287	773	669		✓	✓	✓		5A	58	Water of Leith Bridge Lighting	17/01/2014	19,254.18			14,272.93	3,230.87	1,750.38	9.09%								
290	742	671A		✓		✓		1C	66	Broughton street review and re-design	04/09/2013	1,942.56			1,440.00	325.96	176.60	9.09%								
291	777	672A			✓	✓		5C	54	Change ballast within "6 foot" at Edinburgh Gateway	01/10/2013	-2,557.05			- 1,895.52	- 429.08	- 232.46	9.09%								
293	778	683		✓	✓			5A	61.66	Scotrail Timber Staircase	09/10/2013	18,852.63		7,589.00	6,386.26	3,163.49	1,713.88	9.09%								
296	782	674			✓			2A	61	Russell Road water main descope	31/07/2013	-2,180.25			- 2,180.25	-	-									
298	783	677A			✓	✓		5A	61	Murrayfield Tramstop Wall Modification	20/12/2013	1,072.45			795.00	-	277.45	25.87%								
302	788	681B			✓	✓		SW	547	Various Safety Related Issues	20/01/2014	43,501.61			32,247.30	7,299.62	3,954.69	9.09%								
304	786	682			✓	✓		SW	66	Tram Infrastructure Drawings for Third Parties	17/01/2014	29,914.08		22,175.00	0.00	5,019.61	2,719.46	9.09%								
305	794	687			✓	✓		5B	54	Balgreen Pelican Crossing - Alter to Toucan crossing	22/01/2014	34,595.17			25,645.05	5,805.11	3,145.02	9.09%								
309	793	688A		✓		✓		SW	66	Heavy tram implications	13/01/2014	1,448.83		1,074.00	0.00	243.12	131.71	9.09%								
314	797	701		✓				SW	66	Updating Lighting Design Section B as Built	13/01/2014	847.17		628.00	-	142.16	77.02	9.09%								
315	784	678A			✓	✓		5B	54	Carrick Knowe Lighting	06/01/2014	3,170.15			2,350.00	531.95	288.20	9.09%								
316	803	693			✓			5B	54	Spare Glass Panels after Balgreen	31/10/2013	7,002.53			6,365.94	-	636.59	9.09%								
325	805	694A			✓	✓		5C	54	Edinburgh Gateway Embankment	27/01/2014	4,788.60			3,549.74	803.53	435.33	9.09%								
339	815	702			✓	✓		6	25	Minor works at Depot instructed by Operator	03/02/2014	7,357.86			5,454.31	1,234.66	668.90	9.09%								
340	807	696A			✓	✓		5B	54	Gyle Hedge Descope	22/01/2014	-220.00			- 163.08	- 36.92	- 20.00	9.09%								
344	821	709			✓			1D	14	Descope of Roseberry Crescent Buildouts	12/03/2014	-2,457.65			- 1,821.83	- 412.40	- 223.42	9.09%								
15	513.1	ICCO					✓	1D	14	Utility Conflict Verification	31/01/2014	19,726.54			12,757.68	5,175.54	1,793.32	9.09%								
25	543	ICCO					✓	1D	14	Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	31/01/2014	288,683.83			186,699.57	75,740.27	26,243.98	9.09%								
28	521	ICCO					✓	1D	14	Provide temporary accommodation and Welfare facilities	31/01/2014	1,768.57			1,143.78	484.01	160.78	9.09%								
35	547	ICCO					✓	1D	14	Haymarket H1: Third Party affecting our ability to progress the works	31/01/2014	7,766.59			5,022.86	2,037.67	706.05	9.09%								
36	548	ICCO					✓	1D	14	Haymarket H1: BT Fibre Optic Service required Diverted	31/01/2014	95,196.77			61,566.30	24,976.21	8,654.25	9.09%								
37	528	ICCO					✓	1D	14	Haymarket 1 - Slit Trench Excavation to Validate Utilities	31/01/2014	7,525.43			4,866.90	1,974.40	684.13	9.09%								
38	549	ICCO					✓	PSOW	13	Move 3No OLE's (St John's Church) to central reserve	31/01/2014	37,415.13			24,197.37	9,816.39	3,401.38	9.09%								
40	535	ICCO					✓	PSOW	13	Scottish Water Diversion at Junction of Princes Street and South St David Street	31/01/2014	289,976.52			187,535.59	76,079.43	26,361.50	9.09%								
43	551	ICCO					✓	PSOW	13	Xmas Embargo demob. and temp. reinstatement	31/01/2014	233,267.69			150,860.47	61,201.07	21,206.15	9.09%								
52	554	ICCO					✓	1CD	15	PMC 52 On Street: Early Implementation of TM Phase 4 & 5	31/01/2014	469,105.86			303,383.33	123,076.54	42,645.99	9.09%								
55	554	ICCO					✓	1CD	15	Traffic Management Design	31/01/2014	10,792.81			6,980.00	2,831.65	981.16	9.09%								
58	570	ICCO					✓	1CD	14	Site Clearance: Omit removal of trees	31/01/2014	-14,070.86			- 9,100.00	- 3,691.69	- 1,279.17	9.09%								
68	596	ICCO					✓	1D	14	PMC 68: Utilities affecting ability to place system drainage	31/01/2014	-36,821.54			- 23,813.48	- 9,660.65	- 3,347.41	9.09%								
69	598	ICCO					✓	1D	14	PMC 69: Geotextile Liner to Clifton Terrace Void	31/01/2014	2,017.53			1,304.79	529.33	183.41	9.09%								
72	600	ICCO					✓	1D	14	Shandwick place - OLE bases affecting utilities (Piling)	31/01/2014	317,797.51			205,528.17	83,378.66	28,890.68	9.09%								
77a	583	ICCO					✓	1C	12	Amend specification for on street setts - 1C	31/01/2014	-38,641.56			- 24,990.53	- 10,138.16	- 3,512.87	9.09%								
77b	583	ICCO					✓	1D	14	Amend specification for on street setts - 1D	31/01/2014	63,354.57			40,973.10	16,621.97	5,759.51	9.09%								
79	606	ICCO					✓	1C	12	St Andrew Sq: third party affecting our ability to progress the works	31/01/2014	593,328.31			383,721.32	155,668.05	53,938.94	9.09%								
80	635A	ICCO					✓	PSOW	12	Revised drainage scope and scope split	31/01/2014	-123,699.84			- 80,000.00	- 32,454.40	- 11,245.44	9.09%								
87	604	ICCO					✓	1C	12	St Andrew Sq - OLE bases affecting utilities (Piling)	31/01/2014	43,040.86			27,835.68	11,292.38	3,912.81	9.09%								
88a	584	ICCO					✓	1CD	12	Residual Road Value Engineering 1C	31/01/2014	83,326.31			53,889.36	21,861.83	7,575.12	9.09%								

										Project: Edinburgh Tram Network		 Bilfinger Construction GmbH									
										as per: 31/07/2014											
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													Job Estimate Budgets								
PMC	tNC	tCO	EOT	Design	CST	CI 80.15	Sch 45	Section / Activity		Description	Date issued	Revenue	EOT	Design	Construction	Preliminaries	Margin	Margin in %	Remarks		
88b	584	ICCO					✓	1CD	14	Residual Road Value Engineering 1D	31/01/2014	-383,356.97			- 247,927.23	- 100,579.11	- 34,850.63	9.09%			
88c	584	ICCO					✓	1CD	12	YP Footpath De-scope	31/01/2014	-86,031.69			- 55,639.00	- 22,571.63	- 7,821.06	9.09%			
88d	584	ICCO					✓	1CD	12	SAS Footpath De-scope	31/01/2014	-86,468.23			- 55,921.32	- 22,686.16	- 7,860.75	9.09%			
88e	584	ICCO					✓	1CD	14	Carriageway Value Engineering Add Payment	31/01/2014	154,624.80			100,000.00	40,568.00	14,056.80	9.09%			
97	599	ICCO					✓	1C	12	Floating Track Slab	31/01/2014	128,093.58			82,841.55	33,607.16	11,644.87	9.09%			
99	629	ICCO					✓	1D	14	Utilities affecting the ability to progress track excavation Shandwick 1	31/01/2014	13,311.77			8,609.08	3,492.53	1,210.16	9.09%			
100	630	ICCO					✓	1D	14	Utilities affecting the ability to progress track excavation Shandwick 2	31/01/2014	10,983.52			7,103.34	2,881.68	998.50	9.09%			
101	631	ICCO					✓	1D	14	Third Parties affecting the ability to progress track excavation Shandwick 2	31/01/2014	8,207.96			5,308.31	2,153.48	746.18	9.09%			
103	613	ICCO					✓	1C	12	St Andrew Square: Design, Enabling and Ongoing Maintenance of Temporary Bus Station	31/01/2014	10,184.42			6,586.54	2,672.03	925.86	9.09%			
104	614	ICCO					✓	SW	15	tNC 614 Rothesay Place TM Amendment	31/01/2014	9,471.22			6,125.29	2,484.91	881.02	9.09%			
108	590	ICCO					✓	1CD	13	Reinstatement of Third Party Works / Lining - The Mound	31/01/2014	34,815.98			22,516.43	9,134.46	3,165.09	9.09%			
109	600	ICCO					✓	1CD	13	Re-proving and cleaning of Chambers / ducts	31/01/2014	26,455.24			17,109.31	6,940.90	2,405.02	9.09%			
110	600	ICCO					✓	1CD	13	Duct Chamber Bedding Detail Drawing Change	31/01/2014	21,628.16			13,987.51	5,674.45	1,966.20	9.09%			
114a	611	ICCO					✓	1D	14	Excavation by others - 1D	31/01/2014	-78,309.73			- 50,645.00	- 20,545.66	- 7,119.07	9.09%			
114b	611	ICCO					✓	1C	12	Excavation by others - 1C	31/01/2014	-123,699.84			- 80,000.00	- 32,454.40	- 11,245.44	9.09%			
126	629	ICCO					✓	1D	14	1D: Hand dig to expose utilities crossing Inbound duct bank within S1 at Stafford Street and Lothian Road Junction for TT to action	31/01/2014	12,842.56			8,305.63	3,369.43	1,167.51	9.09%			
127	630	ICCO					✓	1D	14	1D: Utilities affecting ability to install System Ducting through S2: (South Duct Bank)	31/01/2014	19,811.41			12,812.57	5,197.80	1,801.04	9.09%			
128	596	ICCO					✓	1D	14	1D: Remove and Reinstate with Traps IMU and Track Drainage laid by other within H1	31/01/2014	5,361.68			3,467.54	1,406.71	487.43	9.09%			
129	543	ICCO					✓	1D	14	1D: Discovery of unsuitable material below formation of base 131204A within H2	31/01/2014	5,187.40			3,354.83	1,360.99	471.58	9.09%			
130	547	ICCO					✓	1D	14	1D: Remedial works required on the partial return of H1 to Infracore on 21 May 2012	31/01/2014	765.87			495.31	200.94	69.62	9.09%			
132	543	ICCO					✓	1D	14	1D: Transfer plant and materials back to H2 from S4 to recommence works to OHLE bases. Site vacated for T&T	31/01/2014	1,217.62			787.47	319.46	110.69	9.09%			
133	570	ICCO					✓	1D	14	1D: Excavate Trial Holes in locations of tree pits through Shandwick S4 behind the existing stone wall to establish foundation depth	31/01/2014	3,781.64			2,445.69	992.17	343.79	9.09%			
135	635	ICCO					✓	1D	14	1D: Remove and Reinstate with Traps IMU and Track Drainage laid by other within S1 (East End) and S2	31/01/2014	10,365.89			6,703.90	2,719.64	942.35	9.09%			
137	637	ICCO					✓	1C	12	1C: remove existing pedestrian crossing at junction of St Andrew Square and Princes St	31/01/2014	7,342.71			4,748.73	1,926.46	667.52	9.09%			
144a	639	ICCO					✓	1C	15	York Place Closure: Design, Enabling and Ongoing Maintenance - Logistics	31/01/2014	98,561.96			63,742.66	25,859.12	8,960.18	9.09%			
144b	639	ICCO					✓	1C	15	York Place Closure: Design, Enabling and Ongoing Maintenance - TM	31/01/2014	146,710.26			94,881.46	38,491.51	13,337.30	9.09%			
144c	639	ICCO					✓	1C	12	York Place Closure: Design, Enabling and Ongoing Maintenance - enabling	31/01/2014	47,238.82			30,550.61	12,393.77	4,294.44	9.09%			
145	645	ICCO					✓	PSOW	13	Princes Street Outstanding Works	31/01/2014	216,800.26			140,210.54	56,880.61	19,709.11	9.09%			
157a	599	ICCO					✓	1D	14	1D: Widening of track excavations due to installation of floating track slab within H3	31/01/2014	3,455.21			2,234.58	906.52	314.11	9.09%			
157b	599	ICCO					✓	1D	14	1D: Widening of track excavations due to installation of floating track slab within H3	31/01/2014	93,654.69			60,569.00	24,571.63	8,514.06	9.09%			
158	629	ICCO					✓	1D	14	1D: Remedial works on Handback of S1 & S3 including fencing, reinstatement of the formation and collapsed ducts	31/01/2014	5,979.99			3,867.42	1,568.93	543.64	9.09%			
159	629	ICCO					✓	1D	14	1D: Exposing of the conflicting services and traction duct excavations in H1, H2 & H3	31/01/2014	16,154.55			10,447.58	4,238.37	1,468.60	9.09%			
160	547	ICCO					✓	1D	14	1D Utilities are affecting the working space to all OHLE bases within H2 impacting on formwork and reinforcement	31/01/2014	3,470.49			2,244.46	910.53	315.50	9.09%			
161	645	ICCO					✓	PSOW	13	PSOW - Remedial works to Traffic Signal works	31/01/2014	6,343.67			4,102.62	1,664.35	576.70	9.09%			
162	645	ICCO					✓	PSOW	13	PSOW: Watermain Ducting	31/01/2014	15,462.48			10,000.00	4,056.80	1,405.68	9.09%			
163	645	ICCO					✓	PSOW	13	PSOW: Additional QLE Remedials	31/01/2014	3,808.25			2,462.90	999.15	346.20	9.09%			
164	645	ICCO					✓	PSOW	13	PSOW - Traffic signal ducting works - drawing change	31/01/2014	3,292.86			2,129.58	863.93	299.35	9.09%			
165	645	ICCO					✓	PSOW	13	PSOW: Tram Stop Additional Works	31/01/2014	18,929.83			12,242.43	4,966.51	1,720.89	9.09%			
166	600	ICCO					✓	PSOW	13	Water Valve	31/01/2014	517.07			334.40	135.66	47.01	9.09%			
167	554	ICCO					✓	1D	14	1D: Additional TM Requirements at Canning Street/Shandwick Place Junction as CEC Instruction	31/01/2014	1,298.49			839.77	340.68	118.04	9.09%			

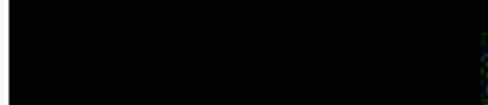
										Project: Edinburgh Tram Network		 Bilfinger Construction GmbH									
										as per: 31/07/2014											
										2.08a Approved Change Orders											
													Job Estimate Budgets								
PMC	tNC	tCO	EOT	Design	CST	CI 80.15	Sch 45	Section / Activity		Description	Date issued	Revenue	EOT	Design	Construction	Preliminaries	Margin	Margin in %	Remarks		
176	660	ICCO					✓	SW	15	tNC 660 Princes St TM	31/01/2014	4,802.82			3,106.11	1,260.09	436.62	9.09%			
178	642	ICCO					✓	1C	12	YP Tramstop Associated Works	31/01/2014	99,182.53			64,144.00	26,021.94	9,016.59	9.09%			
179a		ICCO					✓	1C	12	Type 2 Civil De-scope	31/01/2014	-132,201.49			- 85,498.25	- 34,684.93	- 12,018.32	9.09%			
179b	682	ICCO					✓	1D	14	Revised scope for street lighting, road signs & traffic signals	31/01/2014	-482,313.63			- 311,925.15	- 126,541.78	- 43,846.69	9.09%			
180	680	ICCO					✓	SW	15	Review of single bus lane running west to east through Coates Crescent on to Princes Street via Shandwick Place	31/01/2014	2,419.88			1,565.00	634.89	219.99	9.09%			
182	678	ICCO					✓	1D	15	Temporary Traffic Management to retain existing access to Bus Station on Elder Street TNC 678 & TNC 678A	31/01/2014	37,949.83			24,543.17	9,956.67	3,449.98	9.09%			
183	677	ICCO					✓	1D	15	Temp Roundels	31/01/2014	1,390.08			899.00	364.71	126.37	9.09%			
184	665	ICCO					✓	1C	15	Removal of temporary traffic management from Princes Street between Waverley Bridge and South St Andrew Street (the partial plug), TNC 665	31/01/2014	5,547.16			3,587.50	1,455.38	504.29	9.09%			
185a	658	ICCO					✓	1D	14	Shandwick Walls and Paths	31/01/2014	-216,474.73			- 140,000.01	- 56,795.20	- 19,679.52	9.09%			
185b		ICCO					✓	1D	14	Works to footpath in gardens at SP4	31/01/2014	23,137.48			14,963.63	6,070.44	2,103.41	9.09%			
187	543	ICCO					✓	1D	14	Remedials on handback to H1,2,3	31/01/2014	15,077.56			9,751.06	3,955.81	1,370.69	9.09%			
188	600	ICCO					✓	1D	14	OLE 131,128A fill below formation	31/01/2014	9,473.06			6,126.48	2,485.39	861.19	9.09%			
189		ICCO					✓	1D	14	Pedestrian Guardrail	31/01/2014	-2,733.77			- 1,768.00	- 717.24	- 248.52	9.09%			
190	645	ICCO					✓	1CD	13	PN 43 Investigation	31/01/2014	1,133.51			733.07	297.39	103.05	9.09%			
191	698	ICCO					✓	1D	14	Contaminated Material in SP4	31/01/2014	70,628.91			45,677.61	18,530.49	6,420.81	9.09%			
193	547	ICCO					✓	1D	14	Placement and removal of material between trackslab in SP2 & SP6	31/01/2014	2,216.53			1,433.49	581.54	201.50	9.09%			
204	688	ICCO					✓	1D	14	Crescent Footpath De-Scope	31/01/2014	-49,940.22			- 32,297.68	- 13,102.52	- 4,540.02	9.09%			
205	693	ICCO					✓	1D	14	Shandwick Place, additional kerbing and footpath reinstatement	31/01/2014	51,935.64			33,588.17	13,626.05	4,721.42	9.09%			
206	641	ICCO					✓	1C	12	Cathedral Lane Substation Investigation Works	31/01/2014	3,911.56			2,529.71	1,026.25	355.60	9.09%			
218	699	ICCO					✓	SW	15	tNC 699 Ped Walkway Dairy Road	31/01/2014	4,132.69			2,672.72	1,084.27	375.70	9.09%			
220	645	ICCO					✓	1C	12	Additional Central Reserve Works	31/01/2014	7,184.63			4,646.49	1,884.99	653.15	9.09%			
221	697	ICCO					✓	1D	14	Remedial Works to OLE foundations Clifton Terrace	31/01/2014	19,817.81			12,816.71	5,199.48	1,801.62	9.09%			
222	707	ICCO					✓	SW	15	tNC 707A TM Apple Store Site	31/01/2014	2,348.19			1,518.64	616.08	213.47	9.09%			
224	641	ICCO					✓	1C	12	Cathedral Lane Substation Investigation Works	31/01/2014	206,378.16			133,470.29	54,146.22	18,761.65	9.09%			
225	700	ICCO					✓	1D	14	Hope Street construction works	31/01/2014	-42,349.92			- 27,388.83	- 11,111.10	- 3,849.99	9.09%			
227	639	ICCO					✓	1C	12	York Place Hoarding Design	31/01/2014	2,722.70			1,760.84	714.34	247.52	9.09%			
233	564	ICCO					✓	1CD	12	Frictioning Descopes	31/01/2014	-9,031.63			- 5,841.00	- 2,369.58	- 821.06	9.09%			
237	564	ICCO					✓	1CD	15	Tracking and Modelling CEC request	31/01/2014	6,904.00			4,465.00	1,811.36	627.64	9.09%			
238	606	ICCO					✓	1C	12	Making Manhole shutters and envirobed	31/01/2014	114,530.59			74,070.00	30,048.71	10,411.87	9.09%			
239	682	ICCO					✓	1C	12	1C3 Re-scope of De-scoped Ducting	31/01/2014	6,731.87			4,353.68	1,766.20	611.99	9.09%			
240	687	ICCO					✓	1C	12	Additional Kerb cost for supply as new	31/01/2014	100,741.55			65,152.26	26,430.97	9,158.32	9.09%			
245	728	ICCO					✓	SW	15	Pedestrian management during Christmas Shutdown	31/01/2014	22,921.19			14,823.75	6,013.70	2,083.74	9.09%			
246	729	ICCO					✓	1CD	12	Princes St/South St Andrew St - Traffic Light Alterations	31/01/2014	4,081.69			2,639.74	1,070.89	371.06	9.09%			
247		ICCO					✓	1D	14	De-scope tram duct crossing at Haymarket	31/01/2014	-773.12			- 500.00	- 202.84	- 70.28	9.09%			
251	735	ICCO					✓	1D	14	Queensferry street / Lothian Rd Junction	31/01/2014	32,338.28			20,914.03	8,484.40	2,939.84	9.09%			
255	738	ICCO					✓	1C	12	Descopes Site Clearance Items	31/01/2014	-285,264.19			- 184,488.00	- 74,843.09	- 25,933.11	9.09%			
256	740	ICCO					✓	1D	14	Haymarket Island - amend levels	31/01/2014	5,075.90			3,282.72	1,331.73	461.45	9.09%			

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PMC	tNC	tCO	EOT	Design	CST	CI 80.15	Sch 45	Section / Activity		Description	Date issued		Revenue	EOT	Design	Construction	Preliminaries	Margin	Margin in %	Remarks	
258	739	ICCO					✓	1C	12	Dublin Street Steps	31/01/2014		91,498.09			59,174.27	24,005.82	8,318.01	9.09%		
260	741	ICCO					✓	1D	14	Alterations to Street Lighting Poles 1D	31/01/2014		31,816.70			20,576.71	8,347.56	2,892.43	9.09%		
263		ICCO					✓	1CD	12	Additional copes at PS Tramstop	31/01/2014		1,799.83			1,164.00	472.21	163.62	9.09%		
265	749	ICCO					✓	1D	14	Footway Works outside Haymarket Station	31/01/2014		16,047.75			10,378.51	4,210.35	1,458.89	9.09%		
268	756	ICCO					✓	1D	14	Widening of temp Ped walkway at Haymarket	31/01/2014		2,150.71			1,390.92	564.27	195.52	9.09%		
274	766	ICCO					✓	1D	12	Additional cost of decoflood lighting	31/01/2014		23,187.53			14,996.00	6,083.58	2,107.96	9.09%		
277	761	ICCO					✓	1C	12	Re-Scope of Road Markings St Andrew Square	31/01/2014		6,786.34			4,388.91	1,780.49	616.94	9.09%		
289	642	ICCO					✓	1C	12	York Place Underground Structure	31/01/2014		17,377.23			11,238.32	4,559.16	1,579.75	9.09%		
294	584	ICCO					✓	1D	14	Surfacing Indices	31/01/2014		77,895.83			50,377.32	20,437.07	7,081.44	9.09%		
295	584	ICCO					✓	1C	12	Additional 22m of YP Track	31/01/2014		-24,739.97			- 16,000.00	- 6,490.88	- 2,249.09	9.09%		
303	639	ICCO					✓	1C	15	Switch York Place to Christmas 2012 TM Phasing	31/01/2014		13,047.12			8,437.92	3,423.10	1,186.10	9.09%		
318		ICCO					✓	1C	12	Lighting Fixings at P&G Church	31/01/2014		-629.32			- 407.00	- 165.11	- 57.21	9.09%		
321		ICCO					✓	1D	14	Loss of Profit & Overheads	31/01/2014		170,087.28			110,000.00	44,624.80	15,462.48	9.09%		
322	639	ICCO					✓	1CD	15	Transfer of McNicholas TM to Infraco - To be Maintained as TT Instruction	31/01/2014		14,442.70			9,340.48	3,789.25	1,312.97	9.09%		
323		ICCO					✓	1D	14	Additional Scottish Power Disconnections	31/01/2014		34,863.76			22,547.33	9,147.00	3,169.43	9.09%		
324	547	ICCO					✓	1D	15	Provide Access for Third Parties	31/01/2014		1,069.37			691.59	280.56	97.22	9.09%		
327	741	ICCO					✓	1D	14	Additional Node Markers	31/01/2014		15,108.39			9,771.00	3,963.90	1,373.49	9.09%		
328	693	ICCO					✓	1D	14	CEC Modifications to Street Lighting	31/01/2014		12,002.38			7,762.26	3,148.99	1,091.13	9.09%		
329		ICCO					✓	1D	14	Additional High Friction Surfacing at Haymarket H1 as instructed by CEC	31/01/2014		7,450.84			4,818.66	1,954.83	677.35	9.09%		
330		ICCO					✓	1C	12	Adapt Wall	31/01/2014		-24,903.87			- 16,106.00	- 6,533.88	- 2,263.99	9.09%		
331		ICCO					✓	1C	12	Surfacing Disruption	31/01/2014		85,043.64			55,000.00	22,312.40	7,731.24	9.09%		
332		ICCO					✓	1C	12	Scoutmoor	31/01/2014		230,468.26			149,050.00	60,466.60	20,951.66	9.09%		
333		ICCO					✓	1C	12	Lining / HF Disruption	31/01/2014		10,205.24			6,600.00	2,677.49	927.75	9.09%		
334		ICCO					✓	PSOW	13	Surfacing Disruption & Late Costs	31/01/2014		170,087.28			110,000.00	44,624.80	15,462.48	9.09%		
V	V	tbc			✓		✓	SW	15	Various omissions On-Street	tbc		-6,916.00								
										TOTALS			10,147,875.29	4,970,981.09	1,653,828.98	54,514.72	2,010,881.20	1,464,585.30	14.43%		
													8,690,206.00								

				Project: Edinburgh Tram Network	 BILFINGER Bilfinger Construction GmbH
				as per: 31/07/2014	

2.09 Payment Status

PROGRESS			INVOICE								PAYMENT			
PERIOD		PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE PAYMENT %	RETENTION MONEY %	OTHERS (%)	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance										0				
		0	1	2	3	4=3-2	5	6	7	8=3-5-6-7	9	10	11	12
57 Jan-13	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	
	ACCUM.	218,886,656		252,050,286	251,813,291	-236,995				251,813,291			247,679,650	
58 Feb-13	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	
	ACCUM.	222,125,550		257,890,385	257,380,425	-509,960				257,380,425			251,813,292	
59 Mar-13	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	
	ACCUM.	227,632,296		261,316,829	260,778,820	-538,009				260,778,820			257,380,425	
60 Apr-13	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	
	ACCUM.	230,977,285		264,018,657	263,311,553	-707,104				263,311,553			260,778,820	
61 May-13	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	
	ACCUM.	233,404,153		266,343,355	265,834,825	-508,530				265,834,825			265,834,825	
62 Jun-13	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	
	ACCUM.	240,058,100		269,151,084	268,951,900	-199,184				268,951,900			268,951,900	
63 Jul-13	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	
	ACCUM.	242,661,495		271,794,972	271,535,490	-259,482				271,535,490			271,535,490	
64 Aug-13	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	
	ACCUM.	244,781,784		274,306,135	274,008,066	-298,069				274,008,066			274,008,066	
65 Sep-13	MONTH	7,911,993	73	2,008,982	2,135,214	126,232	0	0	0	2,135,214	11/09/2013	11/09/2013	2,135,214	
	ACCUM.	250,573,488		276,315,117	276,143,280	-171,837				276,143,280			276,143,280	
66 Oct-13	MONTH	8,127,833	74	2,003,024	2,024,773	21,749	0	0	0	2,024,773	16/10/2013	16/10/2013	2,024,773	
	ACCUM.	252,909,617		278,318,141	278,168,053	-150,088				278,168,053			278,168,053	
67 Nov-13	MONTH	3,868,299	75	2,104,989	1,993,122	-111,867	0	0	0	1,993,122	13/11/2013	13/11/2013	1,993,122	
	ACCUM.	254,441,787		280,423,130	280,161,175	-261,955				280,161,175			280,161,175	
68 Dec-13	MONTH	3,929,020	76/77	3,117,554	3,379,509	261,955	0	0	0	3,379,509	10/12/2013	10/12/2013	3,379,509	
	ACCUM.	256,838,637		283,540,683	283,540,683	0				283,540,683	27/12/2013	27/12/2013	283,540,683	
69 Jan-14	MONTH	3,288,733	76/77	0	0	0	0	0	0	0			0	
	ACCUM.	257,730,520		283,540,683	283,540,683	0				283,540,683			283,540,683	
70 Feb-14	MONTH	2,523,486	78	678,608	671,211	-7,396	0	0	0	671,211	05/02/2014	05/02/2014	671,211	
	ACCUM.	259,362,123		284,219,291	284,211,895	-7,396				284,211,895			284,211,895	
71 Mar-14	MONTH	9,525,030	79	653,069	660,366	7,296	0	0	0	660,366	05/03/2014	05/03/2014	660,366	
	ACCUM.	267,255,550		284,872,360	284,872,260	-100				284,872,260			284,872,260	
72 Apr-14	MONTH	8,587,295	80+81	-100	0	100	0	0	0	0			0	
	ACCUM.	267,949,419		284,872,260	284,872,260	0				284,872,260			284,872,260	
73 May-14	MONTH	2,536,874	82	24,822	24,822	0	0	0	0	24,822	28/05/2014	28/05/2014	24,822	
	ACCUM.	269,792,424		284,897,082	284,897,082	0				284,897,082			284,897,082	
													284,872,260	

		Project: Edinburgh Tram Network as per: 31/07/2014					 BILFINGER Bilfinger Construction GmbH	
2.12 Safety Information System - SIS								
Bilfinger Construction ⁵ - Monthly Safety Report								
01/07/2014						 @bilfinger.com		
	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	9			10		19		
Hours ²	1656			860		2516		
Accidents in this month (if no accidents but a previous accident person is still away from work, write in calendar days lost but leave accident space clear)								
Fatal						0		
Serious: over 3 days injury						0		
Duty travelling / commuting 1D+						0		
LTI: 1 -3 days injury						0		
1st Aid only						0		
Calendar days lost this month + from any previous ongoing accidents						0		
Incidents								
Damage						0		
Environment Ecology / Pollution						0		
Not work related eg flood, bomb scare						0		
Near misses, hazards reported						0		
Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents, plus any work-related 'Health' incidents								
IP Name or incident location/Ref	Employer	Injury / Incident			date of acc / inc	Return to work date ⁴	Cal days lost this month. Max 30	

1. Average number of Bilfinger CO staff or site workers during the month.

2. Hours should be included if known. Do not leave boxes blank eg make an estimate or multiply number of staff by monthly hours worked eg x 200

3. Subcontractor numbers should be estimated if no exact figure known. Average part time workers over month eg 10 workers for half a month = 5.

4. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known

5. These are summary Bilfinger CO Group figures including all R&T's on site. For separate Regions or Technology Reports, please send a R&T specific report to the R&T

6. Days lost are now calendar not working days, but maximum 180. You may have days lost to continue to report from an old accident but no accidents this month

*Definition for a 3D+ accident includes weekends but not day of accident. You should check if man is available or fit for work during a weekend, then it may not be a 3Day+

		Project: Edinburgh Tram Network as per: 31/07/2014			 BILFINGER Bilfinger Construction GmbH	
3.01 Overview of Contingencies						
Estimated Risks from Risk & Opportunity Sheet / Top Sheet			estimated	used	reduced	remaining
			GBP	GBP	GBP	GBP
Contractual Risks						
01.	Drawings will be not provided by SDS on time	188,188		-188,188		0
02.	Changes in law affecting clause 84 of the contract	62,729		-62,729		0
03.	Taken risk on soft ground conditions	439,106		-439,106		0
	Total Contractual Risks	690,024	0	-690,024		0
Design Risks						
04.	Assessed quantities not subcontracted at the time of tender submission	250,918		-250,918		0
05.	Her Majesty's Railway Inspectorate	21,955		-21,955		0
	Total Design Risks	272,873	0	-272,873		0
Construction Risks						
06.	Programme risk on Sectional Completion Date A - LD's	12,546		-12,546		0
07.	Programme risk on Sectional Completion Date A - Site costs on Delay	6,273		-6,273		0
08.	Programme risk on Sectional Completion Date B - LD's	14,428		-14,428		0
09.	Programme risk on Sectional Completion Date B - Site costs on Delay	8,155		-8,155		0
10.	Programme risk on Sectional Completion Date C - LD's	183,484		-183,484		0
11.	Programme risk on Sectional Completion Date C - Site costs on Delay	94,094		-94,094		0
12.	Programme risk on Sectional Completion Date D - LD's	231,472		-231,472		0
13.	Programme risk on Sectional Completion Date D - Site costs on Delay	28,228		-28,228		0
14.	Network Rail requesting additional protection measures for temporary works	62,729		-62,729		0
15.	Network Rail causing additional possessions and engineering hours	62,729		-62,729		0
16.	Limits exceeding pollution	6,273		-6,273		0
17.	Clients interpretation of Code of Construction Practice	62,729		-62,729		0
18.	Power cables for street lighting between substations and user	7,528		-7,528		0
19.	Additional works to be carried out under Network Rail License	301,101		-301,101		0
	Total Construction Risks	1,081,770	0	-1,081,770		0
Commercial Risks						
20.	Non payment by the client for to be continued works	627,295		-627,295		0
21.	Interfaces Subcontractors not covered	501,836		-501,836		0
22.	Interfaces Siemens not covered	940,942		-940,942		0
23.	Insurance deductibles	9,409		-9,409		0
24.	Subcontractor insolvency	313,647		-313,647		0
25.	Defects Liability	602,203		-602,203		0
	Total Commercial Risks	2,995,333	0	-2,995,332		0
Other Risks						
				0		0
				0		0
				0		0
				0		0
	Total Other Risks	0	0	0		0
Total Values		5,040,000	-	- 5,039,999	-	0