

# EDINBURGH TRAM NETWORK

## Monthly Project Report February 2012



## Monthly Report Major Projects

**Project: Edinburgh Tram Network**

**Reporting Period: February 2012**

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1.01 Project Overview Charts



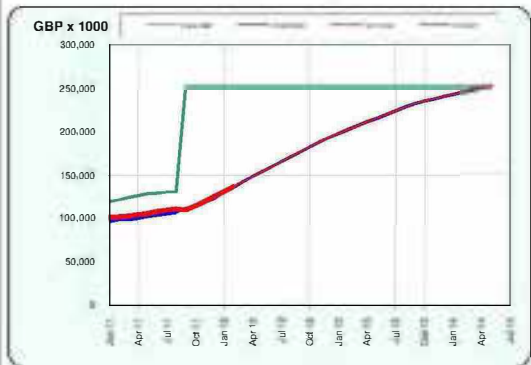
Performance

	Contract Plan (Rev.1)	Revised Plan (actual)	Forecast (Rev 4)	Actual	Status Figures	
Construction start date	15-May-08			15-May-08	0.0 month	green
Construction end date	16-Jul-11	08-Jul-14	08-Jul-14			
Total contract value [GBPx1000]	141,509			273,795		
Claims / Variations approved				2,252		
Claims / Variations not approved				58		
Performance		147,623		148,323	100.5%	green
Actual Cost to Date				137,600	100.2%	green
Result	11.07%	7.41%	7.41%	7.23%	0.00%	green
Payment Status		147,623		157,018	106.4%	green
Av.Perf/mth: Rem. & act. 3mth			3,921	6,067		green

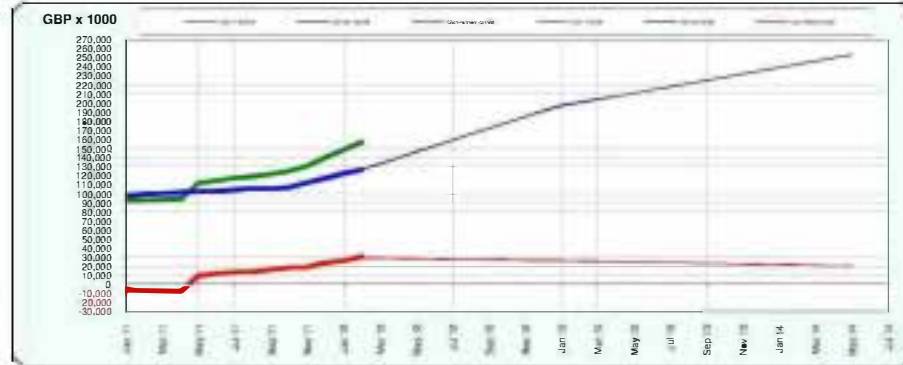
Project Key Figures



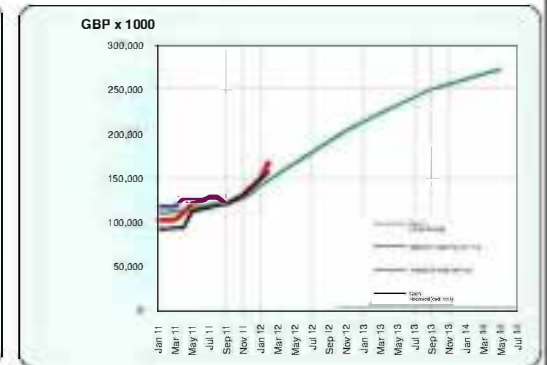
Project Result



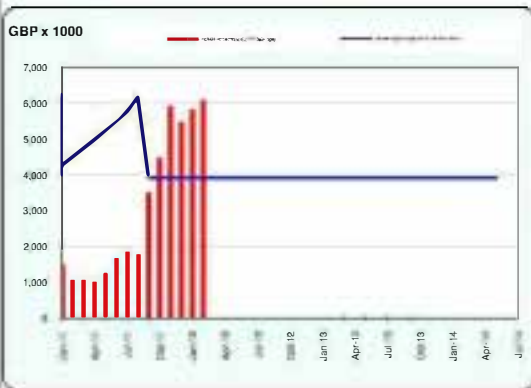
Project Cost



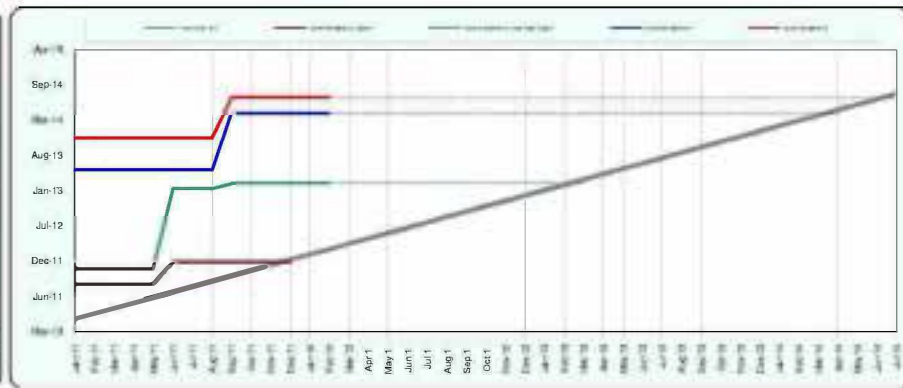
Cashflow



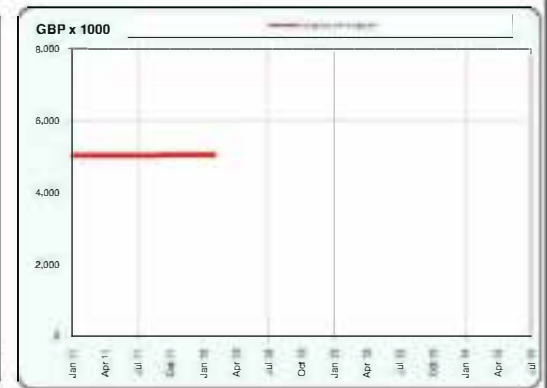
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev4)



Contingencies vs Risks

## 1.02 Short note on Overview Charts

### 1.2.1 Performance

During February works were performed in accordance with the agreed Programme Rev4.

Actual performance:	£6,517,767
Planned performance:	<u>£5,817,753</u>
Variance:	£700,014

### 1.2.2 Project Cost

The Project Costs reflecting the new contractual arrangements in accordance with the Settlement Agreement signed on 15/09/2011. Strict control measures on expenditures, employment etc. have been established as well as monthly cost control meetings with the relevant site management to increase awareness and effectiveness of cost control.

### 1.2.3 Project Result

The monthly cumulative result adds up to	£10,722,427	or	7.23%
The forecast/planned result shows	£20,292,721	or	7.41%
in the R&O Sheet the project will result in a weighted margin of	£25,527,834	or	9.32%

### 1.2.4 Payment Status

The payments from the client CEC remain in the timeschedule as agreed after Mediation.

Invoiced net to the client:	£167,200,780
Paid net from the client:	<u>£157,018,338</u>
Variance	£10,182,442 to be paid on 07th of March 2012.

### 1.2.5 Cashflow

The ETN project cash flow increased further positive.

As part of the settlement agreement a revised milestone payment schedule has been agreed, securing payments in timely manner for a positive cash forecast.

Cash in net:	£157,866,507.53	(incl. interest income)
Cash out net:	£126,790,925.52	
Cash balance net:	£31,075,582.01	

### 1.2.6 Contingencies

The value for the remaining in the tender estimated contingencies is stable about:

£5,040,000.00 (see attachment 3.01)

### 1.2.7 Construction Programme

A new contractual Programme (Rev 4) has been agreed by signing the Settlement Agreement on 15th September 2011.

New contractual milestones have been defined as follows:  
 Sectional A Completion Date by 16th December 2011 - Achieved  
 Sectional B Completion Date by 08th March 2013  
 Sectional C Completion Date by 09th April 2014  
 Sectional D Completion Date by 08th July 2014

**1.03 General Information**

**1.3.1 Short note on progress, events this month**

Mobilisation :

Design:

Production of civil and building drawings in accordance with the original design is 99.5% complete. Resolution of technical interfaces and production of an integrated design, together with necessary system assurance and production of the case for safety, are ongoing within the design management team. Further instructions to perform additional conceptual design options were received which are scheduled to be completed by March/April 2012.

Procurement :

All new subcontract arrangements are finally negotiated.

Construction :

During February works were performed in accordance with the agreed Programme Rev4.

Contract :

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.

In February 16 new and revised Change Orders and further On-Street works certified increased the Variation Order value in an amount of £ 128,111 up to £ 2,252,367 in total.

**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 Unapproved Changes).


**1.04 Performance Sheet**

1. General Information				2. Construction Period		Original Contract	Revised Contract	Variance							
Client:	tie LIMITED			Construction start date	15-May-08	15-May-08	0 days								
Leadership:	BILFINGER BERGER UK LIMITED			Construction end date	16-Jul-11	08-Jul-14	1,088 days								
Currency:	GBP	Rp	(all amounts without V.A.T.)	Total excl. Site Removal	38.0 month	73.8 month	194.0 %								
Rate of Exchange Top Sheet:	1 GBP =	1.11 EUR	Actual: 1.18 EUR	Expired construction time	45.5 month	45.5 month	61.6 %								
				Performance to date	148,322,898 GBP		54.2 %								
2. Total Contract Value				Total Previous Month		February 2012	Total Reporting Month								
Contract Value with Client (revised evaluation)		271,542,291 (incl. SDS NovaAgree)		273,666,547	100.8%	128,111	273,794,658	100.8%							
Contract Value with 3rd Parties (without interest)		0		0	0.0%	0	0	0.0%							
				273,666,547	100.8%	128,111	273,794,658	100.8%							
3 Approved Changes total				2,124,256	0.8%	128,111	2,252,367	0.8%							
3a. Provisional Sums				Total Previous Month		February 2012	Total Reporting Month								
3b. Claims and Variations				Total Previous Month		February 2012	Total Reporting Month								
Claims and Variations approved (= Total VOs Approved - 3a Provisional Sums)				2,124,256	0.8%	128,111	2,252,367	0.8%							
Claims and Variations submitted but not approved yet				123,529	0.0%	-65,755	57,774	0.0%							
Claims and Variations under preparation				0	0.0%	0	0	0.0%							
4a. Performance				Total Previous Month		February 2012	Total Reporting Month								
Performance for Actual Contract Value with Client				141,805,131	51.82%	6,517,767	148,322,898	54.17%							
Performance for 3rd Parties (without interest)				0	0.00%	0	0	0.00%							
Total Performance to Date				141,805,131	51.82%	6,517,767	148,322,898	54.17%							
Remaining Performance to Date				131,861,416	48.18%		125,471,760	45.83%							
Actual Planned Performance (Planned Performance per report date - Performance Last Month)				141,805,131	51.82%	5,817,753	147,622,884	53.92%							
4b. Cost				Total Previous Month		February 2012	Total Reporting Month								
Actual Cost at Reporting Date				131,570,603	48.08%	6,029,868	137,600,471	50.26%							
5. Result				Total Previous Month		February 2012	Total Reporting Month								
Planned Result for Contract with Client (revised evaluation)		19,632,508 7.23%		20,061,320	7.33%	11,646	20,072,966	7.33%							
Actual Result at Reporting Date				10,234,528	7.22%	487,899	10,722,427	7.23%							
Forecast Result at the End of Contract				20,135,143	7.36%	157,578	20,292,721	7.41%							
Weighted Result at the End of Contract (Likely Case)				25,370,256	9.27%	157,574	25,527,830	9.32%							
6. Invoices, Payment and Bank account				Total Previous Month		February 2012	Total Reporting Month								
Application to the client - excl. VAT		incl. Ret. Money 0 0.00%		148,828,874	54.38%	18,534,058	167,362,933	61.13%							
Certified by the client (Invoice) - excl. VAT		incl. Ret. Money 0 0.00%		148,475,722	54.25%	18,725,058	167,200,780	61.07%							
Cash in from the client - excl. VAT		excl. Ret. Money 0 0.00%		148,475,722	54.25%	8,542,616	157,018,338	57.35%							
Cash in from 3rd Parties - excl. VAT				0	0.00%	0	0	0.00%							
Interest income				825,235	0.58%	22,935	848,170	0.57%							
Cash out (excl. VAT)				122,688,973	44.83%	4,101,953	126,790,926	46.31%							
Net Liquidity		creditline 0 0%		26,611,984	9.72%	4,463,598	31,075,582	11.35%							
7. Subcontractor Work (incl. Design)				Total Previous Month		February 2012	Total Reporting Month								
Total Portion of Subcontractor Budget (first evaluation)		60,353,024 (incl. SDS) 22.23%		186,389,317	68.11%	7,969	186,397,286	68.08%							
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						Performance and Result in 2008-2010				
						2008-2010	2011	2012	2013	2014	Performance	100,868,316	36.8%		
Jan		1,706	2,786	2,346		1,573	5,817	4,744	2,812	Result	0				
Feb		2,526	4,026	2,026		815	6,518	4,765	2,805	Performance and Result in 2011					
Mrz		3,526	5,026	2,526		788	6,177	4,727	2,778	Performance	35,119,425	12.8%			
Apr		4,526	5,276	2,526		12,940	1,424	6,141	4,738	2,820	Result	10,078,945	28.70%		
Mai		855	5,776	6,026	2,526		1,574	6,113	4,591	2,004	Performance and Result in 2012				
Jun		1,355	5,776	6,526	1,026		2,056	6,116	4,553	817	Performance	72,884,978	26.6%		
Jul		2,375	5,776	6,526	1,026		37,734	1,937	6,106	4,545	605	Result	5,401,985	7.41%	
Aug		2,855	6,026	6,526				1,355	6,106	4,536	Performance and Result in 2013				
Sep		3,055	4,626	6,526				7,192	6,096	4,536	Performance	50,281,874	18.4%		
Okt		2,855	4,026	6,526				50,195	4,827	6,093	2,882	Result	3,726,720	7.41%	
Nov		1,535	2,526	5,026				5,712	6,062	2,837	Performance and Result in 2014				
Dez		1,446	1,866	1,706				5,867	5,539	2,827	Performance	13,218,329	4.8%		
Total		16,334	48,678	62,498	13,999			100,868	35,119	72,885	50,282	14,640	Result	979,697	7.41%
		Linear Calculation				total: 273,795					Total Performance and Result				
											Performance	272,372,921	99.5%		
											Result	20,187,347	7.41%		
Edinburgh, 09/03/2012				Edinburgh, 09/03/2012											
Place and Date				Place and Date											
Project Director				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 to Job Site Estimate incl. Approved Integrated Changes	273,795	273,795	273,795	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-253,502	-253,502	-253,502
2	Unapproved, but in Job Site Estimate Integrated Changes	0	0	0	2	Unapproved, but in Job Site Estimate Integrated Changes	0	0	0
3	Total unapproved Changes	0	0	0	3	Total unapproved Changes	0	0	0
4.1					4.1				
4.2					4.2				
4.3					4.3				
4.4					4.4				
4.5					4.5				
4.6					4.6				
4.7					4.7				
4.8					4.8				
4.9					4.9				
4.10					4.10				
4.11					4.11				
4.12					4.12				
4.13					4.13				
4.14					4.14				
4.15					4.15				
£ 4	Risks not included in JSE	0	0	0	£ 4	Risks not included in JSE	0	0	0
5.1					5.1	Saving on Contingencies	5,040	3,789	0
5.2					5.2	Savings on Uninsured Economic Losses	1,980	1,000	0
5.3					5.3	Interest Income	594	446	0
5.4					5.4				
5.5					5.5				
5.6					5.6				
5.7					5.7				
5.8					5.8				
5.9					5.9				
5.10					5.10				
5.11					5.11				
5.12					5.12				
5.13					5.13				
5.14					5.14				
5.15					5.15				
£ 5	Chances	0	0	0	£ 5	Chances	7,614	5,235	0
6 =1+3+4+5	Forecast Final Revenue	273,795	273,795	273,795	6 =1+3+4+5	Forecast Final Costs	-245,888	-248,267	-253,502

	Costs	best case	likely case	worst case
Forecast Final Result ( <b>best case</b> ) (Revenue Best Case + Forecast Cost all cases)	Revenue Costs Result	273,795 -245,888 27,907		
% Gross Margin based on Revenue Best Case	Revenue: 273,795	10.19%		
Forecast Final Result ( <b>most likely case</b> ) (Revenue most likely case + Forecast Costs all cases)	Revenue Costs Result		273,795 -248,267 25,528	
% Gross Margin based on Revenue Likely Case	Revenue: 273,795		9.32%	
Forecast Final Result ( <b>worst case</b> ) (Revenue worst case + Forecast Costs all cases)	Revenue Costs Result			273,795 -253,502 20,293
% Gross Margin based on Revenue Worst Case	Revenue: 273,795			7.41%
Gross Margin previous month ( <b>most likely case</b> )		10.14%	9.27%	7.36%

	Project: <b>Edinburgh Tram Network</b> as per: <b>29/02/2012</b>	
<b>2.01 Cost Reconciliation Sheet</b>		
<b>see following pages</b>		



Project: GB-2006-1001AK44 Edinburgh Tram Network 2012-02  
Reporting Month: 46. Report Period, 29/02/2012

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE								CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL					
Work / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allowable incl. agreed VO's 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC IQxDJC-Rate 9	Variance to Date 10 = 9 - 5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQQty. 15	Budget Agreed VO's AQQty. 1	Budget unappr. VO's AQQty. 17	Budget Total AQQty. 18=15+16+17	Revised DJC AQQty. 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
Evaluation with Activity Model: Rev.6_20110930																							
25.1.201.12	SECTION 1C	26,455	146,620	173,075	144,237	0	-28,838	144,237	-28,838	73,991		-73,991	9,613.037	9,613.037	0	0	9,613.037	9,613.037	1.50%	9,468,800	9,641,875	-28,838	-28,838
25.1.201.13	Princes Street (outstanding ...)	342,661	202,077	544,738	522,858	0	-21,880	522,858	-21,880	67,536	0	-67,536	1,160,259	1,160,259	346.74	0	1,507,001	1,507,001	34.70%	984,14	1,528,881	-21,880	-63,055
25.1.201.14	SECTION 1D	923,457	228,103	1,151,560	1,113,991	0	-37,569	1,113,991	-37,569	431,478	0	-431,478	10,022,227	10,022,227	268,329	0	10,290,556	10,290,556	10.83%	9,176,565	10,328,125	-37,569	-346,898
25.1.201.15	SECTION 1CD - SITE WIDE	1,137,051	569,809	1,706,860	1,559,905	0	-146,955	1,559,905	-146,955	413,676	0	-413,676	5,916,403	5,916,403	123,954	0	6,040,357	6,040,357	25.82%	4,480,455	6,187,312	-146,955	-569,152
1.1	CONSTRUCTION ON-STREET rev ...	2,429,624	1,146,609	3,576,233	3,340,991	0	-235,242	3,340,991	-235,242	986,681	0	-986,681	26,711,926	26,711,926	739,025	0	27,450,951	27,450,951	12.17%	24,109,960	27,686,193	-235,242	-1,007,942
25.1.201.31	Section 1A	3,371,353	0	3,371,353	3,371,353	0	0	3,371,353	0	0	0	0	5,592,262	5,592,262	-2,220,909	0	3,371,353	3,371,353	100.00%	0	3,371,353	0	0
25.1.201.40	Section 1 B	566,937	0	566,937	588,685	0	21,748	588,685	21,748	0	0	0	588,685	588,685	0	0	588,685	588,685	100.00%	0	566,937	21,748	21,748
25.1.201.45	Section 1CD	2,915,013	141,677	3,056,690	2,906,622	0	-150,068	2,906,622	-150,068	196,602	0	-196,602	3,810,714	3,810,714	0	0	3,810,714	3,810,714	76.27%	904,09	3,960,78	-150,068	-196,759
25.1.201.96	PSSA - PRINCES STREET SUPPLE...	12,083,223	0	12,083,223	12,083,225	0	2	12,083,223	0	0	0	0	12,083,225	12,083,225	0	0	12,083,225	12,083,223	100.00%	0	12,083,223	2	2
1.2	CONSTRUCTION ON-STREET origi...	18,936,526	141,677	19,078,203	18,949,885	0	-128,318	18,949,883	-128,320	196,602	0	-196,602	22,074,886	22,074,886	-2,220,909	0	19,853,977	19,853,975	95.45%	904,092	19,982,295	-128,318	-175,009
25.1.201.54	SECTION 5ABC- Trackworks	4,259,870	1,477,229	5,737,099	5,696,897	0	-40,202	5,696,897	-40,202	1,106,726	0	-1,106,726	17,985,633	17,985,633	-152,856	0	17,832,777	17,832,777	31.95%	12,135,880	17,872,979	-40,202	-125,828
25.1.201.58	SECTION 5ABC- Structures	23,147,280	1,257,093	24,404,373	24,371,127	0	-33,246	24,371,127	-33,246	1,241,985	0	-1,241,985	40,422,415	40,422,415	78,930	0	40,501,345	40,501,345	60.17%	16,130,218	40,534,591	-33,246	-55,253
25.1.201.61	SECTION 2	10,227,066	1,939,834	12,166,900	12,115,618	0	-51,282	12,115,618	-51,282	753,194	0	-753,194	25,898,810	25,898,810	-115,004	0	25,783,806	25,783,806	46.99%	13,668,188	25,835,088	-51,282	-109,134
25.1.201.62	SECTION 7	9,139,362	2,049,794	11,189,156	11,356,388	0	167,232	11,213,303	24,14	1,065,465	0	-1,065,465	16,955,851	16,955,851	442,636	0	17,398,487	17,184,851	65.25%	5,971,548	17,160,704	237,783	256,294
25.1.201.63	SECTION 6	17,008,537	596,208	17,604,745	17,560,977	0	-43,768	17,560,977	-43,768	23,563	0	-23,563	17,539,988	17,539,988	99,633	0	17,639,621	17,639,621	99.55%	78,644	17,683,389	-43,768	-43,966
1.3	CONSTRUCTION OFF-STREET	63,782,115	7,320,158	71,102,273	71,101,007	0	-1,266	70,957,922	-144,351	4,190,933	0	-4,190,933	118,802,697	118,802,697	353,339	0	119,156,036	118,942,400	59.86%	47,984,478	119,086,751	69,285	-77,887
25.1.201.21	TTM	3,059,474	153,479	3,212,953	3,216,637	0	3,684	3,216,637	3,684	-8,368	0	8,368	4,258,521	4,258,521	40,000	0	4,298,521	4,298,521	74.83%	1,081,884	4,294,837	3,684	4,923
1.4	SECTIONWIDE	3,059,474	153,479	3,212,953	3,216,637	0	3,684	3,216,637	3,684	-8,368	0	8,368	4,258,521	4,258,521	40,000	0	4,298,521	4,298,521	74.83%	1,081,884	4,294,837	3,684	4,923
	DIRECT JOB COSTS	88,207,739	8,761,923	96,969,662	96,608,520	0	-361,142	96,465,433	-504,229	5,365,848	0	-5,365,848	171,848,030	171,848,030	-1,088,545	0	170,759,485	170,545,847	56.56%	74,080,414	171,050,076	-290,591	-1,255,915
25.1.201.42	HAYMARKET OFFICE	442,876	-4,195	438,681	463,531	0	24,850	463,531	24,850	7,581	0	-7,581	1,030,622	1,030,622	30,122	0	1,060,744	1,060,744	43.70%	597,21	1,035,894	24,850	56,865
25.1.201.53	EDINBURGH PARK STORAGE	1,344,684	14,043	1,358,727	1,403,533	0	44,806	1,403,533	44,806	14,740	0	-14,740	1,716,758	1,716,758	0	0	1,716,758	1,716,758	81.75%	313,225	1,671,95	44,806	54,809
25.1.201.64	CONSORTIUM OFFICE	3,506,321	42,031	3,548,352	3,575,081	0	26,729	3,575,081	26,729	55,860	0	-55,860	6,304,886	6,304,886	643,054	0	6,947,940	6,947,940	51.46%	3,372,859	6,921,211	26,729	51,941
25.1.201.65	STAFF	19,260,249	46,450	19,306,699	19,336,267	0	29,568	19,336,267	29,568	357,919	0	-357,919	33,262,345	33,262,345	965,450	0	34,227,795	34,227,795	56.49%	14,891,528	34,198,227	29,568	52,342
25.1.201.66	DESIGN	10,512,369	450,000	10,962,369	10,968,111	0	5,742	10,961,921	-448	250,000	0	-250,000	14,780,459	14,780,459	857,340	0	15,637,799	15,631,683	70.13%	4,669,76	15,632,131	5,668	8,188
25.1.201.67	FINANCE	562,022	63,519	625,541	690,933	0	65,392	690,933	65,392	24,009	0	-24,009	10,683,311	10,683,311	188,864	0	10,871,975	10,871,975	6.36%	10,181,042	10,806,583	65,392	65,392
25.1.201.68	ORIGINAL TENDER	543,775	0	543,775	543,775	0	0	543,775	0	0	0	0	543,775	543,775	0	0	543,775	543,775	100.00%	0	543,775	0	0
25.1.201.71	CONSULTANTS	3,737,576	107,168	3,844,744	3,895,544	0	50,800	3,895,544	50,800	-48,010	0	48,010	6,699,594	6,699,594	215,825	0	6,915,419	6,915,419	56.33%	3,019,875	6,864,619	50,800	90,183
	INDIRECT JOB COST	39,909,872	719,016	40,628,888	40,876,775	0	247,887	40,870,585	241,69	662,099	0	-662,099	75,021,750	75,021,750	2,900,455	0	77,922,205	77,916,089	52.45%	37,045,504	77,674,392	247,813	379,719
25.1.201.72	RISKS & OPPORTUNITIES	0	0	0	0	0	0	0	0	0	0	0	5,040,000	5,040,000	0	0	5,040,000	5,040,000	0.00%	5,040,000	5,040,000	0	0
	CONTINGENCIES	0	0	0	0	0	0	0	0	0	0	0	5,040,000	5,040,000	0	0	5,040,000	5,040,000	0.00%	5,040,000	5,040,000	0	0
<b>Total</b>		<b>128,117,611</b>	<b>9,480,939</b>	<b>137,598,550</b>	<b>137,485,295</b>	<b>0</b>	<b>-113,255</b>	<b>137,336,018</b>	<b>-262,532</b>	<b>6,027,947</b>	<b>0</b>	<b>-6,027,947</b>	<b>251,909,780</b>	<b>251,909,780</b>	<b>1,811,910</b>	<b>0</b>	<b>253,721,690</b>	<b>253,501,936</b>	<b>54.18%</b>	<b>116,165,918</b>	<b>253,764,468</b>	<b>-42,778</b>	<b>-876,195</b>

without Allocation

Project: GB-2006-1001AK44 Edinburgh Tram Network 2012-02  
Reporting Month: 46. Report Period, 29/02/2012

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE								CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL					
Work- / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals	Actual Allowable incl. agreed VO's	Allowable for unapproved VO's	Variance to Date	Revised DJC IQxDJC-Rate	Variance to Date	Actual Cost with Accruals	Actual Allowable	Variance	Budget Original WQty.	Budget Orig. Contr. with AQty.	Budget Agreed VO's AQty.	Budget unappr. VO's AQty.	Budget Total AQty.	Revised DJCT AQty.	% Complete	Cost to Complete (AQ-IQ)	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)
				5=3+4	6	7	8=(6+7)-5	9	10=9-5	11	12	13=12-11	14	15	16	17	18=15+16+17	19	20=9/19	21=19-9	22=5+21	23=18-22	24=8/20
<b>Total Cost incl. Prime Cost Sums</b>		128,117,610	9,480,937	137,598,547	137,485,295		-113,252	137,336,017	-262,530	6,027,945	-6,027,945	251,909,780	251,909,780	1,811,911		253,721,692	253,501,931	54.2 %	116,165,920	253,764,467	-42,775	-208,952	
<b>Prime Cost Sums 0 / 0</b>																							
<b>Total Cost without Prime Cost Sums</b>		128,117,610	9,480,937	137,598,547	137,485,295		-113,252	137,336,017	-262,530				251,909,780	251,909,780	1,811,911		253,721,692	253,501,931		116,165,920	253,764,467		

REMEASURED CONTRACT:

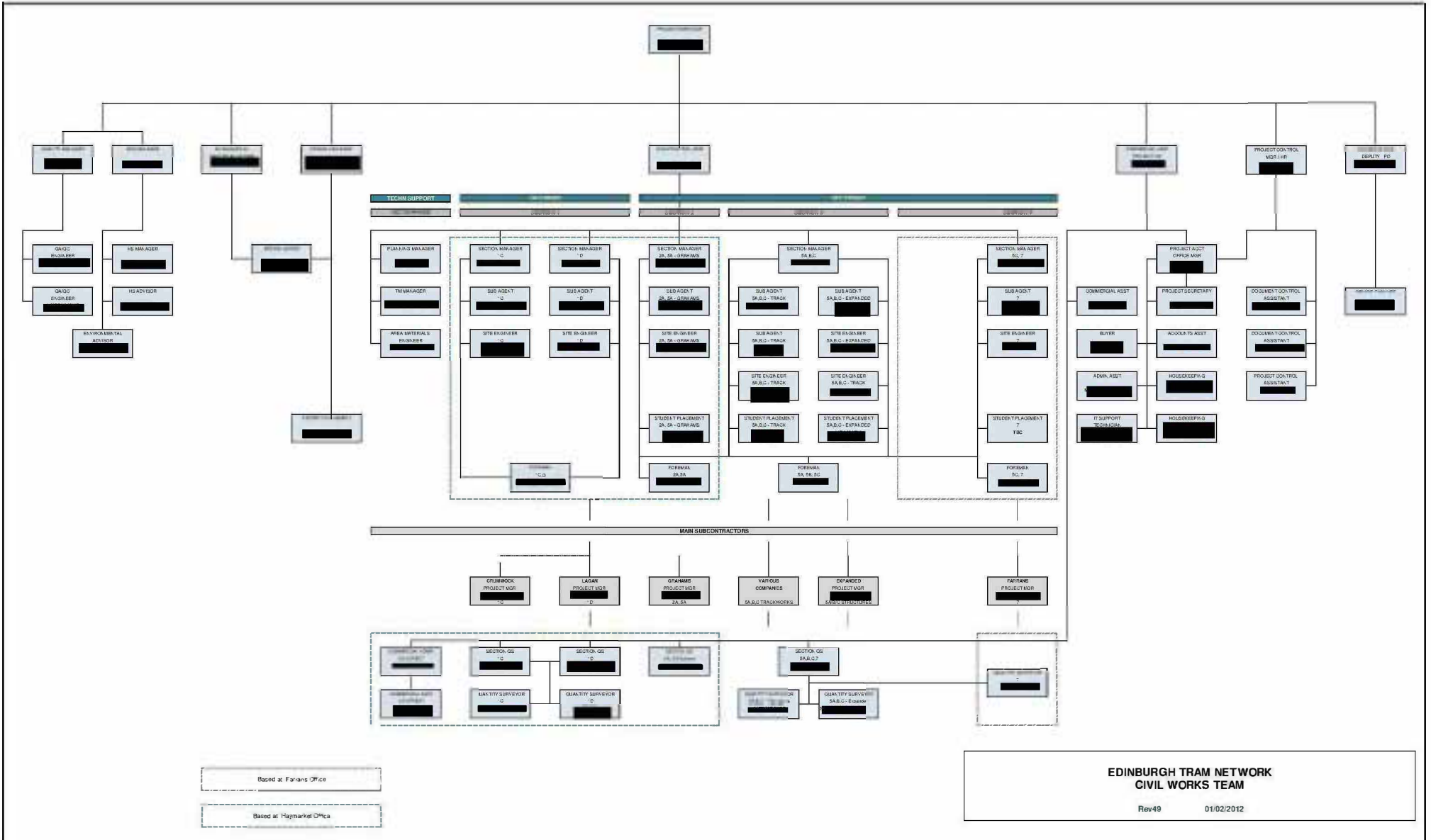
Gross Margin original Contract and agreed VO's (PF = 1.0800, PFB = 1.0791)

<b>Total Cost without Prime Cost Sums</b>		137,598,547	137,485,295		137,336,017			251,909,780	251,909,780	1,811,911		253,721,692	253,501,931		253,764,467
Gross Margin			10,875,087		10,986,881			19,632,511	19,632,511	440,455,00		20,072,966	20,292,721		20,030,191
Gross Margin in % of Performance			7.33 %		7.41 %			7.23 %	7.23 %	19.56 %		7.33 %	7.41 %		7.32 %
<b>Performance without Prime Cost Sums</b>			148,360,382		148,322,898			271,542,291	271,542,291	2,252,367		273,794,658	273,794,658		273,794,658
<b>Actual Cost to date</b>			137,598,547		137,598,547										
Gross Margin to date			10,761,835		10,724,351										
Gross Margin to date in % of Performance			7.25 %		7.23 %										
<b>Performance Prime Cost Sums</b>															
Total Performance			148,360,382		148,322,898			271,542,291	271,542,291	2,252,367		273,794,658	273,794,658		273,794,658
Revenue according WBS															

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0800, PFB = 1.0791)

<b>Total Cost without Prime Cost Sums</b>			137,485,295		137,336,017			251,909,780	251,909,780	1,811,912		253,721,692	253,501,937		253,764,467
Gross Margin			10,875,087		10,986,881			19,632,511	19,632,511	440,455,00		20,072,966	20,292,721		20,030,191
Gross Margin in % of Performance			7.33 %		7.41 %			7.23 %	7.23 %	19.56 %		7.33 %	7.41 %		7.32 %
<b>valued Performance without Prime Cost Sums</b>			148,360,382		148,322,898			271,542,291	271,542,291	2,252,367		273,794,658	273,794,658		273,794,658
<b>Actual Cost to date</b>			137,598,547		137,598,547										
Gross Margin to date			10,761,835.00		10,724,351										
Gross Margin to date in % of Performance			7.25 %		7.23 %										
<b>Performance Prime Cost Sums (incl. valued performance)</b>															
Total Performance (incl. valued performance)			148,360,382		148,322,898			271,542,291	271,542,291	2,252,367		273,794,658	273,794,658		273,794,658
Revenue according WBS (VO's valued)															
Revenue according WBS (VO's valued by 100%)															

2.05 Organisation Chart





2.08a Approved Change Orders

										Job Estimate Budgets								
PRC	INC	ICO	BOY	Design	CEC	Site	Section / Activity	Description	Date Issued	Revenue	EST	Design	Construction	OH	Margin	Margin in %	Remarks	
	501	502		✓			1A 66	Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011	20,021.00		14,841.00			3,359.91	1,820.09	9.09%	
	508	503		✓			1C 66	Princes St - new cycle way from The Mound into Princes Street	26/10/2011	9,437.00		6,996.00			1,583.09	957.91	9.09%	
	507	504A					1C 66	St Andrew Square Public Realm Design finalisation (will follow on from item 15 above)	15/12/2011	133,078.45		98,848.00			22,332.41	12,098.04	9.09%	
12	512	595A		✓			1A 66	Incorporate AECOM design for Ocean Terminal Bypass Road	28/02/2012	58,885.15		39,798.26			9,008.43	4,880.47	9.09%	
	504	506		✓			1C 66	Inclusion of Blenheim Place redesign (for TRO) within Picardy Place redesign instruction.	26/10/2011	46,247.00		34,283.00			7,759.73	4,204.27	9.09%	
13	506	507		✓			7A 66	New Road Safety Audit to achieve BAA/EAL approval	26/10/2011	10,025.00		7,432.00			1,681.64	911.36	9.09%	
	502	508		✓			1A 66	New Footpath at ocean Drive	26/10/2011	10,231.00		7,584.00			1,716.91	930.09	9.09%	
42	540	509A		✓			5466	Amendment to landscaping scope at plot 304 section 7	01/02/2012	201,120.00		3,768.00	152,855.97		33,748.09	1,8283.64	9.09%	
38	549	510		✓			1D 14	Move 3 No OLE's (St John's Church) to central reserve (SV200G)	22/11/2011	TBC								
10	511	511		✓			5C 66.63	Allow for storm water connection from Gogar Lodge to landowners new septic tank. C.VI Ref BARRB/015	22/11/2011	5,750.46		3,440.00	649.40		938.29	522.77	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%	
	505	513		✓			1C 66.63	Design of York Place Terminal Point and new runtime modelling incorporating New runtime model based on York Place Terminal Agreement	29/11/2011	228,852.90		169,498.00			38,988.18	20,786.62	9.09%	
39	550	514		✓			OH 66	Move OLE's in Shandwick Place and amend Landscaping	19/12/2011	TBC								
	503	515		✓			5C 66	OLE temporary portals at Depot Access Bridge to allow finalisation without Edinburgh Gateway	01/12/2011	16,980.40			12,587.00		2,849.73	1,543.67	9.09%	
48	553	516A		✓			OH 66	SDS to provide services of Matt Fall	03/02/2012	69,130.85		51,246.00			11,600.23	6,284.62	9.09%	
27	526	518		✓			63	Tram Delivery Temporary Works	12/12/2011	6,878.44			5,331.65		921.48	625.31	9.09%	
	509	519		✓			OH 66	Cathedral Lane Substation - change to Henderson Global Design	15/12/2011	233,595.67		173,162.10			39,197.60	21,235.97	9.09%	
45	555,557,562	521A,523,530		✓			OH 66	Siemens OLE design update	29/02/2012	32,000.00		23,721.28			5,388.63	2,909.09	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%	
22	529	524A		✓			OH 66	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	18/12/2011	30,458.40		22,578.50			5,110.95	2,768.95	9.09%	
15	513	526A		✓			SW QN 66	Utility Conflict verification - design changes	20/02/2012	156,870.49		116,286.50			26,323.04	14,260.95	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%		
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%		
55	564	531		✓			SW ON 15	Worksite Modelling for TM at Waverley Cour.	21/12/2011	TBC								
14	531	532		✓			OH 58	Advanced design Edinburgh Gateway	21/12/2012	9,349.00			6,930.32		1,568.77	849.91	9.09%	
54	565	533B		✓			OH 66	Advanced design Edinburgh Gateway Minimum Option	31/01/2012	2,650.00		1,964.42			444.67	240.91	9.09%	
56	563	534		✓			OH 66	On-Street design of circular pile caps	09/01/2012	18,000.00		13,343.22			3,020.42	1,636.36	9.09%	
46	566	535		✓			OH 66	On-Street design changes due to utilities conflicts	12/01/2012	TBC								
50	567	536		✓			OH 66	On-Street drainage design changes due to utilities conflicts	12/01/2012	TBC								
47	568	537		✓			OH 66	On-Street Design Changes due to trackform conflicts	12/01/2012	TBC								
57	569	538		✓			OH 64	Running costs with the CEC office extension at Edinburgh Park	12/01/2012	79,220.00			68,886.96		3,131.23	7,201.82	9.09%	
18	517	539		✓			63	Additional BT Ducts at Depot and Mini Test track	18/01/2012	2,996.00			2,220.90		502.73	272.08	9.09%	
62	572	540		✓			OH 66	Cathedral Lane Substation Design	19/01/2012	5,000.00		3,706.45			839.01	454.55	9.09%	
63	574	542		✓			2A 61	Haymarket Viaduct delete parts of cladding	19/01/2012	TBC								

**2.08a Approved Change Orders**

PNC	INC	ICO	BOT	Design	CET	S&M	Section / Activity	Description	Date Issued	Job Estimate Budgets						Remarks		
										Revenue	EST	Design	Construction	OH	Margin		Margin in %	
26	576	543					5C 63	Reinstatement 250mm Watermain	27/01/2012	10,000.00			7,412.90	1,678.01	909.09	9.09%		
65	577	544					2A 61	Omit construction of Haymarket Substation retaining wall and plinth	26/01/2012	TBC								
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%		
66	578	546					SW ON 15	Remove site investigation allowance	03/02/2012	57,984.00			52,712.73		5,271.27	9.09%		
81	582	549					5A 61	Deleted Roseburn Viaduct Trespa cladding	09/02/2012	308,004.00			280,003.64		28,000.36	9.09%		
78	588	551					1D 21	Return of parking spaces Slatford Street	20/02/2012									
	589	552						62 Deletion of airport kiosk	29/02/2012	150,000.00			136,363.64		13,636.36	9.09%		
	520	553						63 Valve chamber access and alterations to 800mm water main at depot	29/02/2012	96,091.29			71,231.50		16,124.22	8.735.57	9.09%	
16	514	554					SW ON 15	Utility mapping	29/02/2012	92,758.07			68,759.13		15,584.57	8,432.37	9.09%	
15	513	ICTCO					SWON 14	Utility Conflict verification - construction works	29/02/2012	17,210.11			12,757.68		2,887.87	1,564.56	9.09%	
	543	ICTCO					1D 14	Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	29/02/2012	244,052.51			180,913.65		40,952.27	22,186.59	9.09%	
28	521	ICTCO					1D 14	Provide temporary accommodation and Welfare facilities	29/02/2012	1,542.96			1,143.78		258.91	140.27	9.09%	
35	547	ICTCO					1D 14	Haymarket H1: Third Party affecting our ability to progress the works	29/02/2012	2,465.95			1,827.98		413.79	224.18	9.09%	
36	548	ICTCO					1D 14	Haymarket H1: BT Fibre Optic Service required Diver ad	29/02/2012	83,052.94			61,566.30		13,936.97	7,550.27	9.09%	
37	528	ICTCO					1D 14	Haymarket 1 - Silt Trench Excavation to Validate Utilities	29/02/2012	6,565.45			4,866.90		1,101.69	596.86	9.09%	
38	549	ICTCO					1CD 13	Move 3No OLE's (St John's Church) to central reserve (SV200G)	29/02/2012	12,284.28			9,106.21		2,061.32	1,116.75	9.09%	
40	535	ICTCO					1CD 13	Princes St Outstanding Works: Scottish Water Diversion at Junction of Princes Street and South St David St. Previously TNC 533	29/02/2012	252,985.51			187,535.59		42,451.24	22,998.68	9.09%	
43	551	ICTCO					1CD 13	Temporary Reinstatement of track infills to allow Opening of Princes Street for Winter Festivals	29/02/2012	202,484.90			150,100.00		33,977.18	16,407.72	9.09%	
52		ICTCO					SW ON 15	Early implementation of TM Phase 4&5	29/02/2012	102,399.77			75,907.91		17,182.79	9,309.07	9.09%	
68		ICTCO					1CD 14	Utilities affecting ability to place system drainage	29/02/2012	5,712.87			4,234.89		958.63	519.35	9.09%	
69		ICTCO					1CD 14	Geotextile liner to Clifton Terrace Void	29/02/2012	1,373.67			1,018.29		230.50	124.88	9.09%	
66	63	52	1	24	21	15		<b>TOTALS</b>		<b>2,252,366.50</b>	<b>2,356,942.15</b>	<b>857,340.02</b>	<b>1,767,357.72</b>	<b>364,987.24</b>	<b>440,454.61</b>	<b>19.56%</b>		
										<b>1,811,911.70</b>								

Project: **Edinburgh Tram Network**  
as per: **29/02/2012**

**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	
17	516				5C	Additional Watermain requirements at Depot mini test track reference Cvi EXPSC/01	17/08/2011	51,282	33,333	23,077	51,282	+	
18	504				7A	NIL Future Flooding Works - amendments to suit revised NIL requirements	07/09/2011						
21	541				1D	City Chamber - Annandale Street Communication Links. Usage of CEO available BT-Lines to avoid provision of direct F/G link from Princes Street to the City Chambers	12/01/2012						
41	534				SW	Scottish Power "insurance Ducts" at various locations	31/10/2011	6,483	4,220	2,822	6,483		
60	575				2A	Impact to Tram project due to Network Rail's Haymarket Station Development (ISV 0211)	18/01/2012						
61	573				2A	Redesign of Rosebun Delta to minimise works in Section 3A	19/01/2012						
64	571				1D	Reinstatement of Hope Street (MUDFA Legacy)	19/01/2012						
70	586				1C	New Tie-in detail at St Andrew Square	13/02/2012						
71	587				PSCW	Revised Set Location and new Set Specification	13/02/2012						
<b>29</b>	<b>28</b>		<b>0</b>	<b>3</b>	<b>TOTALS</b>			<b>57,774</b>	<b>37,553</b>	<b>25,998</b>	<b>57,774</b>		
											submitted	under preparation	
											maximum potential of changes		<b>57,774.30</b>

Project: **Edinburgh Tram Network**

as per: **29/02/2012**



**2.09 Payment Status**

PROGRESS			INVOICE							PAYMENT			
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE PAYMENT	RETENTION MONEY	OTHERS	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance													
33	MONTH	1,573,155	1,456,051	1,790,807	334,755	0	0	0	1,790,807	11/01/2011	12/01/2011	673,476	
Jan-11	ACCUM.	102,441,471	117,844,805	102,515,726	-15,329,080				102,515,726			92,436,444	
34	MONTH	814,998	0	0	0	0	0	0	0	04/02/2011	08/02/2011	201,298	
Feb-11	ACCUM.	103,256,469	117,844,805	102,515,726	-15,329,080				102,515,726			92,637,742	
35	MONTH	787,699	0	488,026	488,026	0	0	0	488,026	31/03/2011	31/03/2011	1,186,701	
Mar-11	ACCUM.	104,044,168	117,844,805	103,003,752	-14,841,054				103,003,752			93,824,442	
36	MONTH	1,424,278	9,057,032	7,500,000	-1,557,032	0	0	0	7,500,000	03/05/2011	03/05/2011	0	
Apr-11	ACCUM.	105,468,446	126,901,837	110,503,752	-16,398,086				110,503,752	17/05/2011	18/05/2011	93,824,442	
37	MONTH	1,573,974	0	10,803,679	10,803,679	0	0	0	10,803,679	11/05/2011	12/05/2011	18,006,734	
May-11	ACCUM.	107,042,420	126,901,837	121,307,430	-5,594,407				121,307,430	27/05/2011	27/05/2011	111,831,176	
38	MONTH	2,055,995	0	2,700,000	2,700,000	0	0	0	2,700,000	29/06/2011	29/06/2011	2,700,000	
Jun-11	ACCUM.	109,098,415	126,901,837	124,007,430	-2,894,407				124,007,430			114,531,176	
39	MONTH	1,936,564	2,020,522	4,914,929	2,894,407	0	0	0	4,914,929	27/07/2011	27/07/2011	2,746,134	
Jul-11	ACCUM.	111,034,979	128,922,359	128,922,359	0				128,922,359			117,277,310	
40	MONTH	1,355,250	0	0	0	0	0	0	0	24/08/2011	25/08/2011	2,168,795	
Aug-11	ACCUM.	112,390,229	128,922,359	128,922,359	0				128,922,359			119,446,105	
41	MONTH	7,191,932	-7,299,362	-7,299,362	0	0	0	0	-7,299,362	21/09/2011	20/09/2011	2,176,892	
Sep-11	ACCUM.	119,582,161	121,622,997	121,622,997	0				121,622,997			121,622,997	
42	MONTH	4,826,650	3,791,663	3,791,663	0	0	0	0	3,791,663	19/10/2011	19/10/2011	3,791,663	
Oct-11	ACCUM.	124,408,811	125,414,660	125,414,660	0				125,414,660			125,414,660	
43	MONTH	5,712,368	5,655,483	5,415,200	-240,283	0	0	0	5,415,200	16/11/2011	16/11/2011	5,415,200	
Nov-11	ACCUM.	130,121,179	131,070,143	130,829,860	-240,283				130,829,860			130,829,860	
44	MONTH	5,866,562	9,391,731	9,268,242	-123,489	0	0	0	9,268,242	14/12/2011	14/12/2011	9,268,242	
Dec-11	ACCUM.	135,987,741	140,461,873	140,098,102	-363,772				140,098,102			140,098,102	
45	MONTH	5,817,390	8,367,001	8,377,620	10,619	0	0	0	8,377,620	11/01/2012	11/01/2012	8,377,620	
Jan-12	ACCUM.	141,805,131	148,828,874	148,475,722	-353,153				148,475,722			148,475,722	
46	MONTH	6,517,767	18,534,058	18,725,058	191,000	0	0	0	18,725,058	08/02/2012	08/02/2012	8,542,616	
Feb-12	ACCUM.	148,322,898	167,362,933	167,200,780	-162,153				167,200,780			157,018,338	
												<b>157,018,338</b>	



## 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 11/04	14/09/2011	2	1	50%	9 no. Observations/Suggestions for improvement
ETN QA 12/01	01/02/2012	0	n/a	n/a	3 no. Observations/Suggestions for improvement
ETN QA 12/02	03/02/2012	3	2	67%	4 no. Observations/Suggestions for improvement
ETN QA 12/03	24/02/2012	0	n/a	n/a	3 no. Observations/Suggestions for improvement

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

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
TSA-10-03-BSC Design Assurance	29/03/2011	4	3	75%	
TSA-11-02-IDC Process	29/11/2011	3	1	33%	Responses submitted. Awaiting acceptance.

### 2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
<b>1A</b>	66	6	6	9%	9	-	8	-	89%
<b>1B</b>	-	-	-	-	-	-	-	-	-
<b>1C</b>	41	13	25	61%	28	5	19	0	68%
<b>1D</b>	46	4	34	74%	5	1	4	-	80%
<b>2</b>	46	18	34	74%	78	13	52	7	67%
<b>5A</b>	32	12	7	22%	9	2	9	3	100%
<b>5B</b>	85	16	40	47%	40	19	18	4	45%
<b>5C</b>	46	11	27	59%	30	1	28	0	93%
<b>6</b>	37	2	36	97%	136	0	130	6	96%
<b>7</b>	73	11	50	68%	29	6	19	1	66%
<b>System NCRs (non-audit)</b>					364	47	287	21	79%
<b>Cancelled</b>					13	2	13	2	100%

### 3. Further quality-related events during this month

(please describe shortly)

4 number external Audit findings issued by CEC were responded to during the month. Confirmation of close out is still to be received. Work to close the relevant observations and NCR's of the BB Civil audit is ongoing with updates of relevant Quality Plans and documents nearing completion. 2 number internal procedural audits were carried out in the period with no non-conformances and 6 observations noted. These were carried out on Procedure P76, Material Procurement and P21, Recruitment. One subcontractor audit was also carried out on NRS. 3 number non-conformances and 4 number observations were recorded from this audit.

Project: **Edinburgh Tram Network**

as per: **29/02/2012**



**2.12 Safety Information System - SIS**

**Bilfinger Berger Civil<sup>5</sup> - Monthly Safety Report**

Form Nr 0611a

Feb-12

civil.bilfinger.co.uk

	BBIB <sup>1</sup> Managers, Supervisors, Foremen	BBIB <sup>1</sup> workers	JV people under BBIB control	Sub-contractors <sup>3</sup>	Agency / hired people / BBSE workers eg BIS	Total	Others, eg public
Number	65		45	431		541	
Hours <sup>2</sup>	11061		6928	83753		101742	

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				4		4	
Calendar days lost this month + from any previous working accidents						0	

**Incidents**

Damage				4		4	
Environment Ecology / Pollution				2		2	
Not work related eg flood, bomb scare						0	
Near misses, hazards reported				3		3	

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 <sup>4</sup>	Cal days lost this month. Max 30

Return to OHS-Wi by 8th of following month

OHS-Wi email: QM@civil.bilfinger.com

OHS-Wi fax 0049 (0)611 708 769

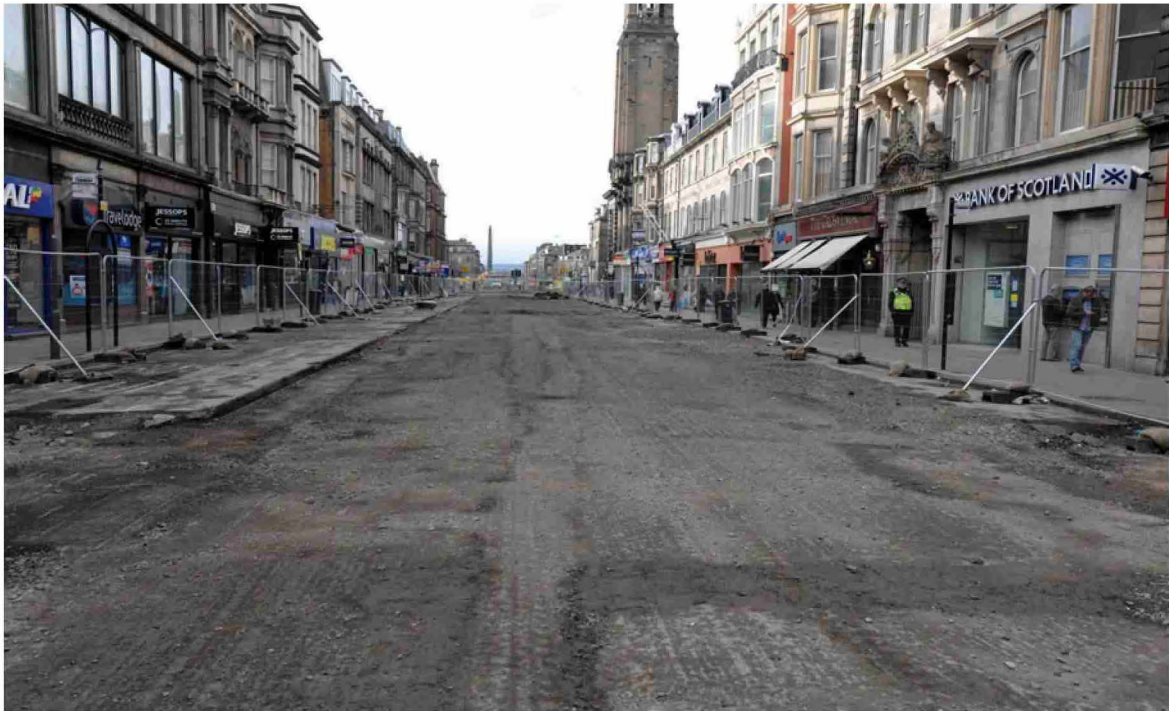
1. Average number of BBIB staff or site workers during the month.
  2. Hours should be included if known. Do not leave boxes blank eg make an estimate or multiply number of staff by monthly hours worked eg x 200
  3. Subcontractor numbers should be estimated if no exact figure known. Average part time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

**2.13 Project Photographs**

**Picture 01**

**Section 1 D**

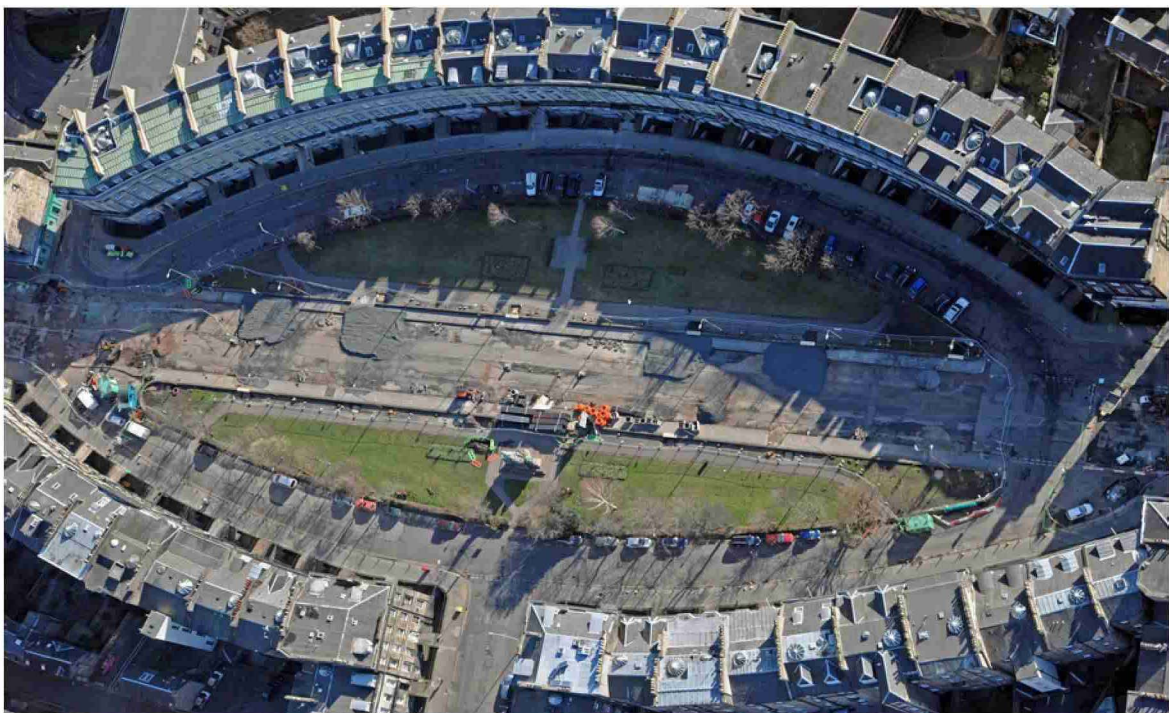
**Shandwick Place**



**Picture 02**

**Section 1 D**

**Coates Crescent**



**2.13 Project Photographs**

**Picture 03**

**Section 1D**

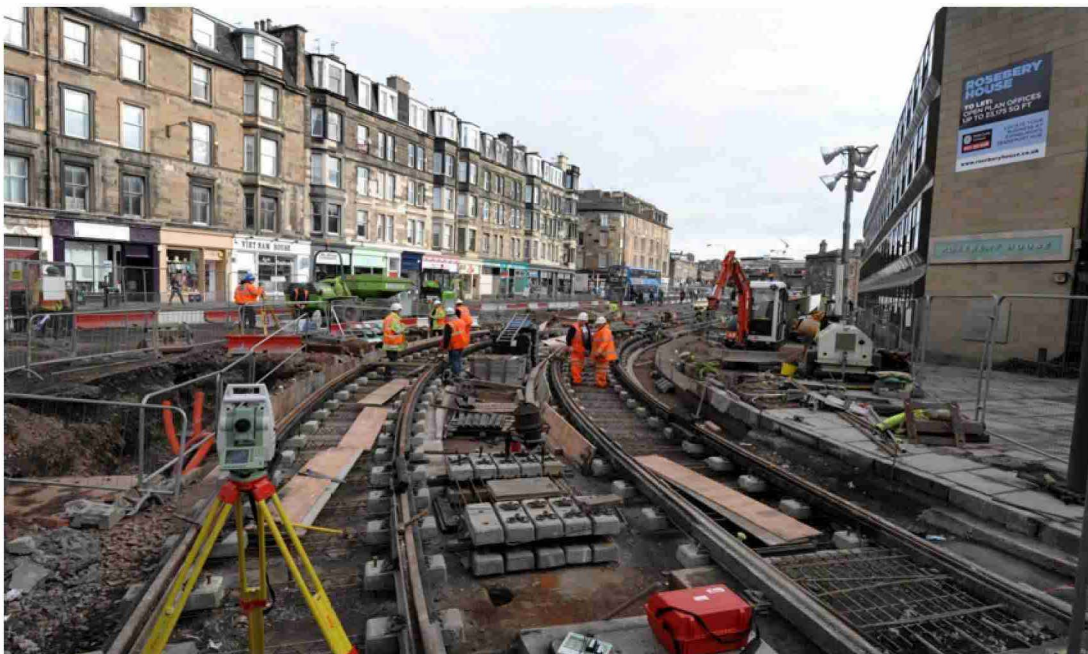
**Haymarket**



**Picture 04**

**Section 2**

**Haymarket Viaduct**



**2.13 Project Photographs**

**Picture 05**

**Section 2**

**Haymarket Yards**



**2.13 Project Photographs**

**Picture 06**

**Section 2A**

**Haymarket Yards**



**Picture 07**

**Section 5A**

**Haymarket Depot**



2.13 Project Photographs

**Picture 08**

**Section 5A**

**Russell Road**



**Picture 09**

**Section 5B**

**Carrick Knowe**



**2.13 Project Photographs**

**Picture 10**

**Section 5A**

**Water of Leith Bridge**



**Picture 11**

**Section 5A**

**Water of Leith Bridge**





2.13 Project Photographs

**Picture 12**

**Section 5C**

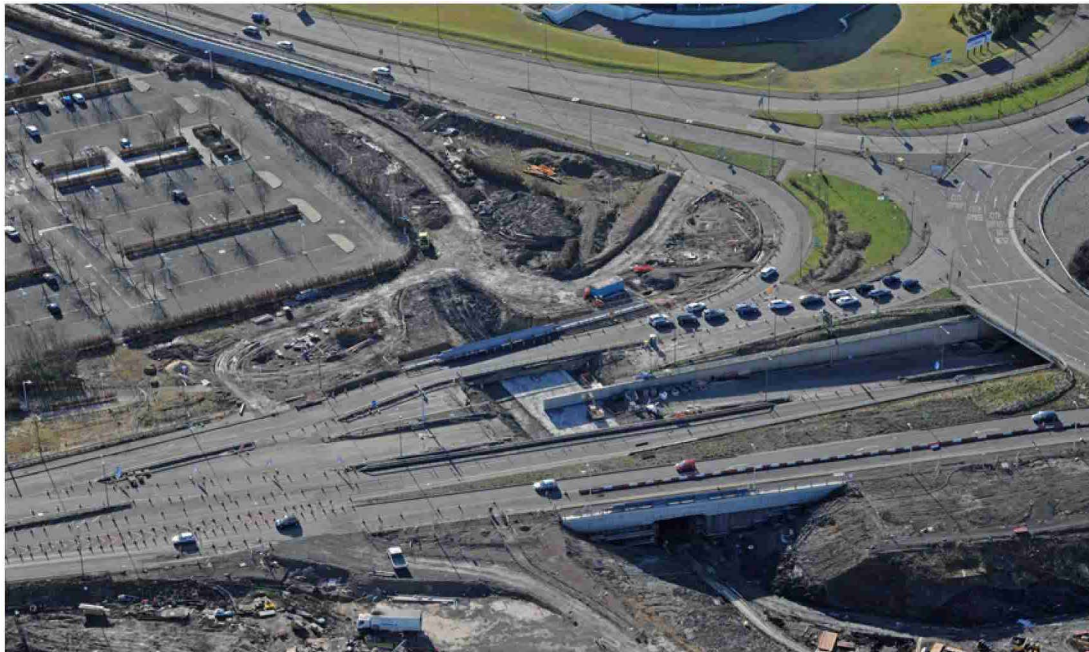
**A8 Underpass**



**Picture 13**

**Section 5C**

**A8 Underpass**



2.13 Project Photographs

**Picture 14**

**Section 7**

**Airport**



**Picture 15**

**Section 7**

**Airport**



## 3.01 Overview of Contingencies

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

Project: **Edinburgh Tram Network**  
as per: **29/02/2012**



**3.02 Design - Drawing Status**

No.	Description Status acc. Sections	Sections							Phase		Total
		SW	1	2	3	5	6	7	1a incl. SW	1b excl. SW	
<b>Original SDS Design:</b>											
1	Draft, to be issued for construction	-	-	-	-	-	-	-	-	-	-
2	Issued for External Approval (IFEA), to be IFC	-	-	-	125	-	-	-	-	-	125
3	Issued for Construction (IFC)	-	-	-	265	-	-	-	-	-	265
4	Partially agreed for Construction (PAFC)	-	-	-	-	-	-	-	-	-	-
5	Agreed for Construction (AFC)	-	-	-	-	-	-	-	-	-	-
6	For As-Built Info Incorporation	-	-	-	-	-	-	-	-	-	-
7	As Built	-	-	-	-	-	-	-	-	-	-
8	Hand over	-	-	-	-	-	-	-	-	-	-
9	Withdrawn	-	-	-	-	-	-	-	-	-	-
10	Not to be IFC	11	20	3	151	1	7	9	51	151	202
11	IFEA, but not to be IFC	-	-	-	33	-	-	-	-	33	33
<b>New Design for Change Order:</b>											
21	Draft, to be issued for construction	-	-	-	-	-	-	-	-	-	-
22	Issued for External Approval (IFEA), to be IFC	12	59	5	-	38	-	4	118	-	118
23	Issued for Construction (IFC)	127	697	142	-	938	295	241	2,440	-	2,440
25	Agreed for Construction (AFC)	-	-	-	-	-	-	-	-	-	-
26	For As-Built Info Incorporation	-	-	-	-	-	-	-	-	-	-
27	As-Built	-	-	-	-	-	-	-	-	-	-
28	Hand over	-	-	-	-	-	-	-	-	-	-
30	Not to be IFC	-	-	-	-	-	-	-	-	-	-
31	IFEA, but not to be IFC	-	-	-	-	-	-	-	-	-	-
Total (1~3+5~52)		150	776	150	574	977	302	254	3,183	574	3,757
<b>Original SDS Design:</b>											
Issued for Construction (3+5~8+43+46)		-	-	-	265	-	-	-	265	265	265
Total Issue for Construction (1~3+5~8+41~46)		-	-	-	390	-	-	-	390	390	390
Percentage of Completion IFC		-	-	-	67.9%	-	-	-	67.9%	67.9%	67.9%
<b>SDS Design incl. Change Orders:</b>											
IFC incl. new Issues for CO (3+5~8+23~28+43+46)		127	697	142	265	938	295	241	2,440	265	2,705
Total IFC incl. new Issues for CO (1~3+5~8+21~28+41~46)		139	756	147	390	976	295	245	2,558	390	2,948
Percentage of Completion IFC		91.4%	92.2%	96.6%	67.9%	96.1%	100.0%	98.4%	95.4%	67.9%	91.8%
<b>Percentage of Completion under consideration of IDR</b>		99.1%	99.2%	99.7%	96.8%	99.6%	100.0%	99.8%	99.5%	96.8%	99.2%