

EDINBURGH TRAM NETWORK

Monthly Project Report December 2011



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: December 2011

TABLE OF CONTENTS

1. Executive Summary

- 1.01 Project Overview Charts
- 1.02 Short Note on Overview Charts
- 1.03 General Information
- 1.04 Performance Sheet
- 1.05 Weighted Result with Chances and Risks

2. Performance Report

- 2.01 Cost Reconciliation Sheet
- 2.02 Construction Programme n/a
- 2.03 Comparison of Relevant Basic Data - Figures shown in Table n/a
- 2.04 Comparison of Relevant Basic Data - Figures shown in Diagrams n/a
- 2.05 Organisation Chart
- 2.06 Staff Chart
- 2.07 Plant & Equipment List n/a
- 2.08a Approved Change Orders
- 2.08b Unapproved Changes
- 2.09 Payment Status
- 2.10 Subcontracts n/a
- 2.11 Monthly Report on Quality Management
- 2.12 Safety Information System - SIS
- 2.13 Project Photographs n/a

3. Attachments

- 3.01 Overview Movements of Contingencies
- 3.02 Design - Drawing Status

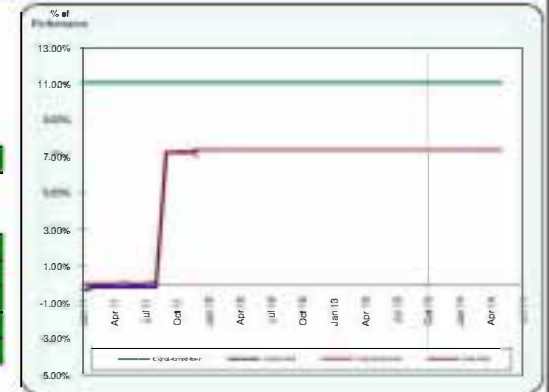
1.01 Project Overview Charts



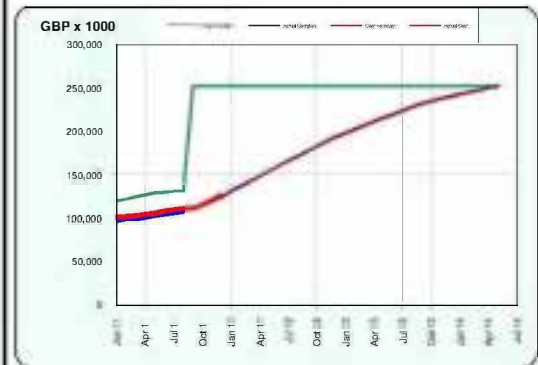
Performance

	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			273,335		
Claims / Variations approved				1,792		
Claims / Variations not approved				233		
Performance		133,509		135,988	101.9%	green
Actual Cost to Date				126,423	100.3%	green
Result	11.07%	7.36%	7.36%	7.03%	0.00%	green
Payment Status		133,509		140,098	104.9%	green
Av.Perf/mth: Rem. & act. 3mth			4.292	5.469		green

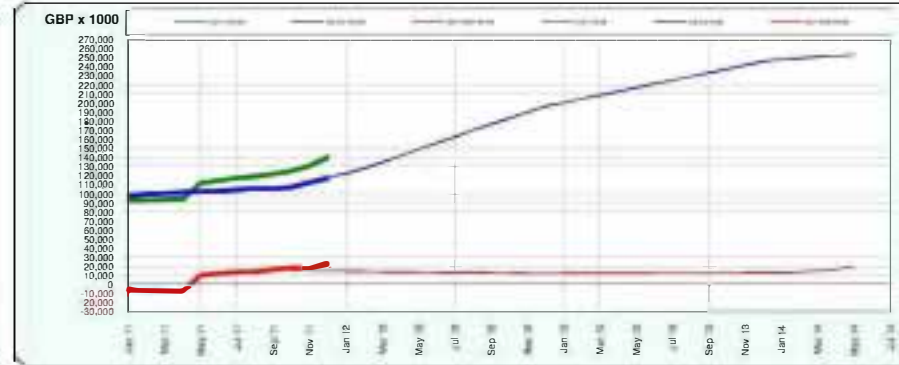
Project Key Figures



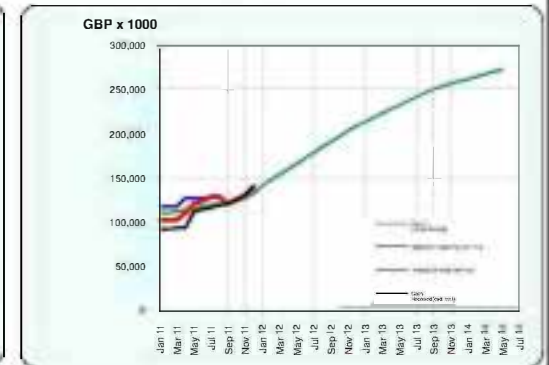
Project Result



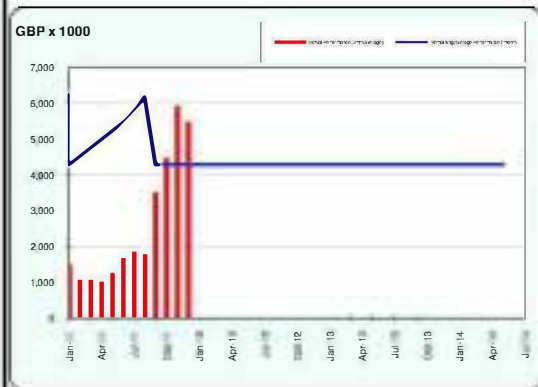
Project Cost



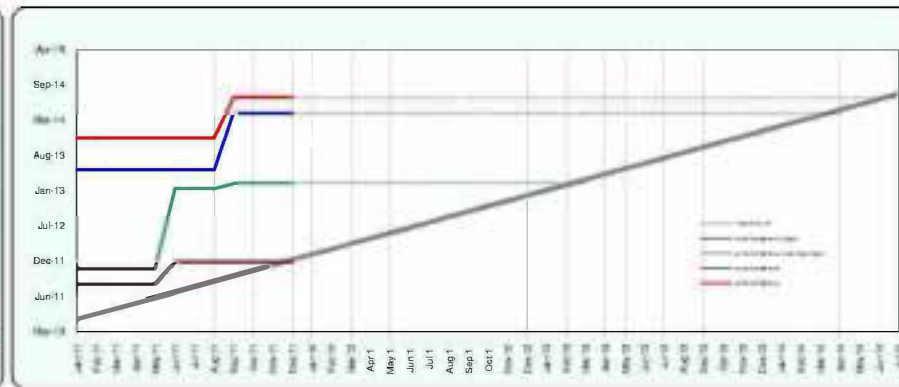
Cashflow



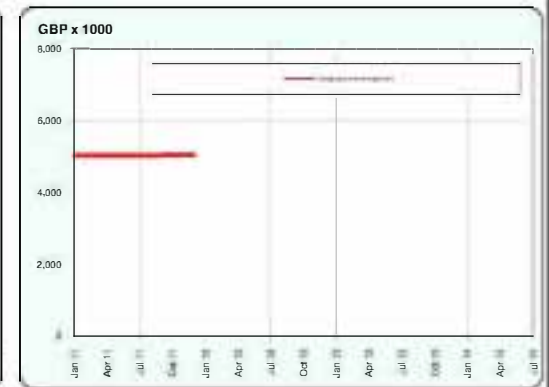
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev4)



Contingencies vs Risks

1.02 Short note on Overview Charts

1.2.1 Performance

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

Actual performance:	£5,866,562
Planned performance:	<u>£3,387,512</u>
Variance:	<u>£2,479,050</u>

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	£9,565,147	or	7.03%
The forecast/planned result shows	£20,106,199	or	7.36%
in the R&O Sheet the project will result in a weighted margin of	£25,341,312	or	9.27%

1.2.4 Payment Status

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

Invoiced net to the client:	£140,098,102
Paid net from the client:	<u>£140,098,102</u>
Variance	£0

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:	£140,923,336.28	(incl. interest income)
Cash out net:	£117,125,276.71	
Cash balance net:	£23,798,059.57	

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
 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 2012.

Procurement :

All new subcontract arrangements are finally negotiated.

Construction :

During December 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 Contract 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 December 12 Change Orders were received and further On-Street works certified with an total amount of £ 1,111,632.

1.3.2 Significant extraordinary events

Date	Description	Remarks
16/12/2011	Certification of Achievement for Sectional Completion A	

1.3.3 Recent important agreements with the Employer or instructions having significant consequences

Date	Description	Remarks
21/12/2011	TCO 529 - Rev 3A to Rev 4 Programme	
21/12/2011	TCO 528 - Descope Forth Ports Area	

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								
	Share: 100%	Total excl. Site Removal	38.0 month	73.8 month	194.0 %								
	Share: 0%	Expired construction time	43.5 month	43.5 month	59.0 %								
Currency:	GBP Rp. (all amounts without V.A.T.)	Performance to date	135,987,741 GBP		49.8 %								
Rate of Exchange Top Sheet:	1 GBP = 1.11 EUR Actual: 1.21 EUR												
2. Total Contract Value		Date of Contract		Total Previous Month	December 2011	Total Reporting Month							
Contract Value with Client (revised evaluation)	271,542,291 (incl. SDS NovaAgree)	100.00%		272,222,922	1,111,632	273,334,554							
Contract Value with 3rd Parties (without Interest)				0	0	0							
				272,222,922	1,111,632	273,334,554							
				100.3%		100.7%							
				0.0%		0.0%							
				100.3%		100.7%							
3 Approved Changes total		680,631	0.3%	1,111,632	1,792,263	0.7%							
3a. Provisional Sums		Total Previous Month	December 2011	Total Reporting Month									
3b. Claims and Variations		Total Previous Month	December 2011	Total Reporting Month									
Claims and Variations approved (- Total VO's Approved - 3a. Provisional Sums)		680,631	0.3%	1,111,632	1,792,263	0.7%							
Claims and Variations submitted but not approved yet		4,307,028	1.6%	-4,073,798	233,230	0.1%							
Claims and Variations under preparation		0	0.0%	0	0	0.0%							
4a. Performance		Total Previous Month	December 2011	Total Reporting Month									
Performance for Actual Contract Value with Client		130,121,179	47.80%	5,866,562	135,987,741	49.75%							
Performance for 3rd Parties (without interest)		0	0.00%	0	0	0.00%							
Total Performance to Date		130,121,179	47.80%	5,866,562	135,987,741	49.75%							
Remaining Performance to Date		142,101,743	52.20%		137,346,813	50.25%							
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		130,121,179	47.80%	3,387,512	133,508,691	48.84%							
4b. Cost		Total Previous Month	December 2011	Total Reporting Month									
Actual Cost at Reporting Date		120,601,970	44.30%	5,820,624	126,422,594	46.25%							
5. Result		Date of Contract	Total Previous Month	December 2011	Total Reporting Month								
Planned Result for Contract with Client (revised evaluation)	19,632,508	7.23%	19,694,385	7.23%	336,753	20,031,138							
Actual Result at Reporting Date			9,519,209	7.32%	45,938	9,565,147							
Forecast Result at the End of Contract			19,694,385	7.23%	423,038	20,117,423							
Weighted Result at the End of Contract (Likely Case)			25,084,668	9.11%	256,644	25,341,312							
6. Invoices, Payment and Bank account		Total Previous Month	December 2011	Total Reporting Month									
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	131,070,143	48.15%	9,391,731							
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	130,829,860	48.06%	9,268,242							
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	130,829,860	48.06%	9,268,242							
Cash in from 3rd Parties - excl. VAT		0	0.00%	0	0.00%	0							
Interest income		805,186	0.62%	20,049	0.07%	825,235							
Cash out (excl. VAT)		112,342,728	41.27%	4,782,549	1.73%	117,125,277							
Net Liquidity	creditline	0	0%	19,292,318	7.09%	4,505,742							
7. Subcontractor Work (incl. Design)		Total Previous Month	December 2011	Total Reporting Month									
Total Portion of Subcontractor Budget (first evaluation)	60,353,024 (incl. SDS)	22.23%	187,011,859	68.70%	-809,919	186,201,940							
Total Amount of signed Subcontracts incl. approved Variation Order			0	0.00%	0	0							
Total Subcontractor Result to date			0	0.00%	0	0							
Actual Subcontractor Costs to date (incl. Accruals)			0	0.00%	0	0							
Therefrom invoiced to date			0	0.00%	0	0							
8. Actual Forecast for Performance and Result		in TSD GBP											
Performance		Original planned				Actual / Forecast					Yearly Forecast		
		2008	2009	2010	2011	2008-2010	2011	2012	2013	2014	Performance and Result in 2008-2010		
Jan		1,706	2,786	2,346		1,573	5,593	4,744	2,812		Performance	100,868,316	
Feb		2,526	4,026	2,026		815	5,892	4,765	2,805		Result	0	
Mrz		3,526	5,026	2,526		2008	788	6,237	4,727	2,778	Performance and Result in 2011		
Apr		4,526	5,276	2,526		12,940	1,424	6,241	4,738	2,820	Performance	35,119,425	
Mai	855	5,776	6,026	2,526			1,574	6,233	4,591	1,854	Result	10,003,114	
Jun	1,355	5,776	6,526	1,026			2,056	6,286	4,553	667	Performance and Result in 2012		
Jul	2,375	5,776	6,526	1,026		2009	37,734	1,937	6,246	4,545	445	Performance	72,884,978
Aug	2,855	6,026	6,526				1,355	6,181	4,536		Result	5,361,341	
Sep	3,055	4,626	6,526				7,192	6,186	4,536		Performance and Result in 2013		
Okt	2,855	4,026	6,526			2010	50,195	4,827	6,053	2,882	Performance	50,281,874	
Nov	1,535	2,526	5,026				5,712	6,197	2,837		Result	3,698,681	
Dez	1,446	1,866	1,706				5,867	5,539	2,827		Performance and Result in 2014		
Total		16,334	48,678	62,498	13,999		100,868	35,119	72,885	50,282	14,180	Performance	272,222,921
		Linear Calculation						total: 273,335				Result	20,024,429
Edinburgh, 18/01/2012						Edinburgh, 18/01/2012							
Place and Date		Foerder, Project Director				Place and Date	C.C. ... 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	273,335	273,335	273,335	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-253,228	-253,228	-253,228
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	273,335	273,335	273,335	6 =1+3+4+5	Forecast Final Costs	-245,614	-247,993	-253,228

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue Costs Result	273,335 -245,614 27,720		
% Gross Margin based on Revenue Best Case	Revenue: 273,335	10.14%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue Costs Result		273,335 -247,993 25,341	
% Gross Margin based on Revenue Likely Case	Revenue: 273,335		9.27%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue Costs Result			273,335 -253,228 20,106
% Gross Margin based on Revenue Worst Case	Revenue: 273,335			7.36%
Gross Margin previous month (most likely case)		9.99%	9.11%	7.25%

	Project: Edinburgh Tram Network as per: 31/12/2011	
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001AK42 Edinburgh Tram Network 2011_12
Reporting Month: 44. Report Period, 31/12/2011

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	
Total Cost incl. Prime Cost Sums		126,545,798	-123,204	126,422,594	125,991,994		-430,600	125,984,566	-438,028	5,820,62	309,036	-5,511,588	251,909,780	251,909,780	1,393,636		253,303,416	253,228,355	49.8 %	127,243,789	253,666,383	-362,967	-864,659	
Prime Cost Sums 0 / 0																								
Total Cost without Prime Cost Sums		126,545,798	-123,204	126,422,594	125,991,994		-430,600	125,984,566	-438,028				251,909,780	251,909,780	1,393,636		253,303,416	253,228,355		127,243,789	253,666,383			

REMEASURED CONTRACT:

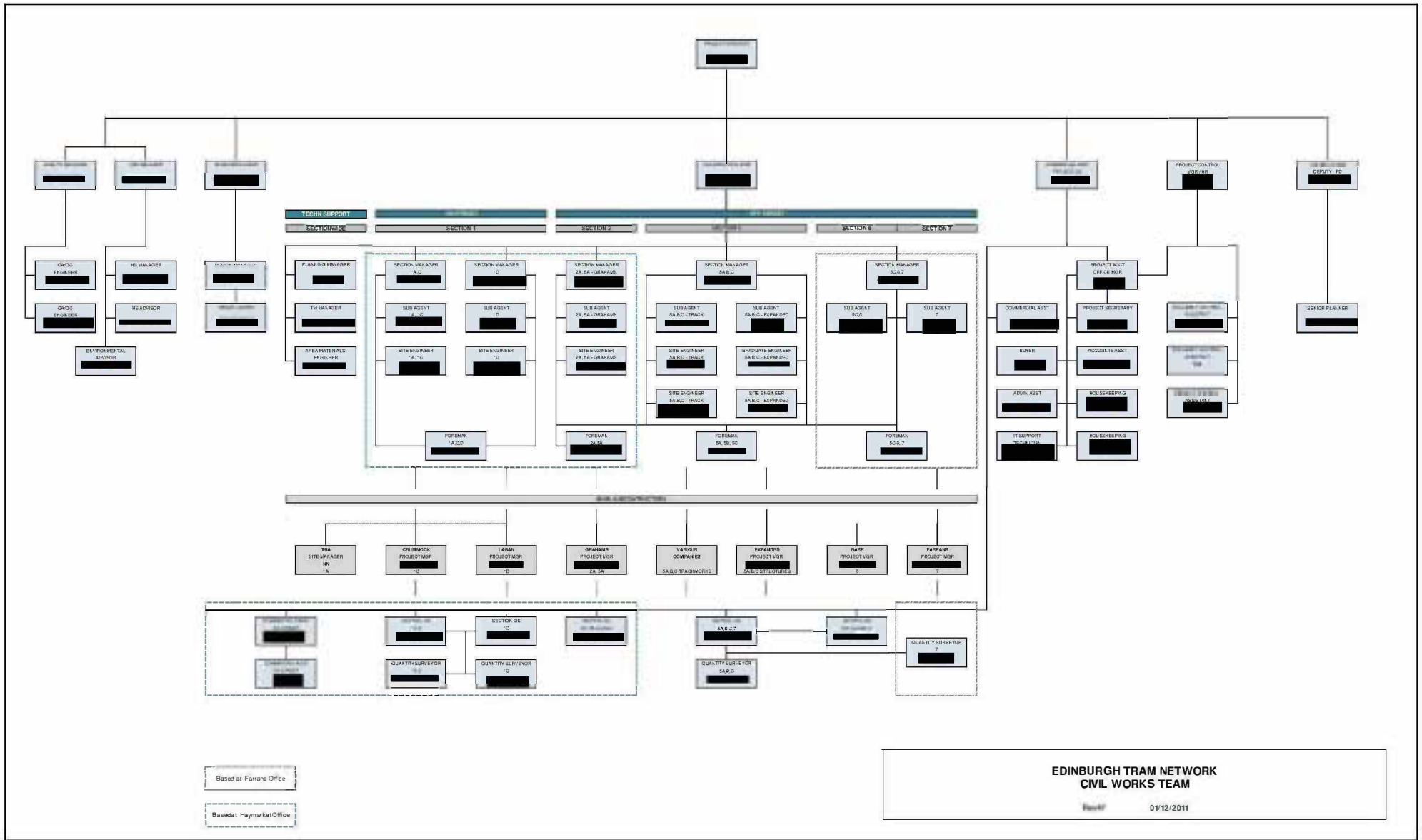
Gross Margin original Contract and agreed VO's (PF = 1.0794, PFB = 1.0791)

Total Cost without Prime Cost Sums		126,422,594	125,991,994		125,984,566			251,909,780	251,909,780	1,393,636		253,303,416	253,228,355		253,666,383
Gross Margin			9,965,967		10,003,175			19,632,511	19,632,511	398,627,00		20,031,138	20,106,199		19,668,171
Gross Margin in % of Performance			7.33 %		7.36 %			7.23 %	7.23 %	22.24 %		7.33 %	7.36 %		7.20 %
Performance without Prime Cost Sums			135,957,961		135,987,741			271,542,291	271,542,291	1,792,263		273,334,554	273,334,554		273,334,554
Actual Cost to date			126,422,594		126,422,594										
Gross Margin to date			9,535,367		9,565,147										
Gross Margin to date in % of Performance			7.01 %		7.03 %										
Performance Prime Cost Sums															
Total Performance			135,957,961		135,987,741			271,542,291	271,542,291	1,792,263		273,334,554	273,334,554		273,334,554
Revenue according WBS															

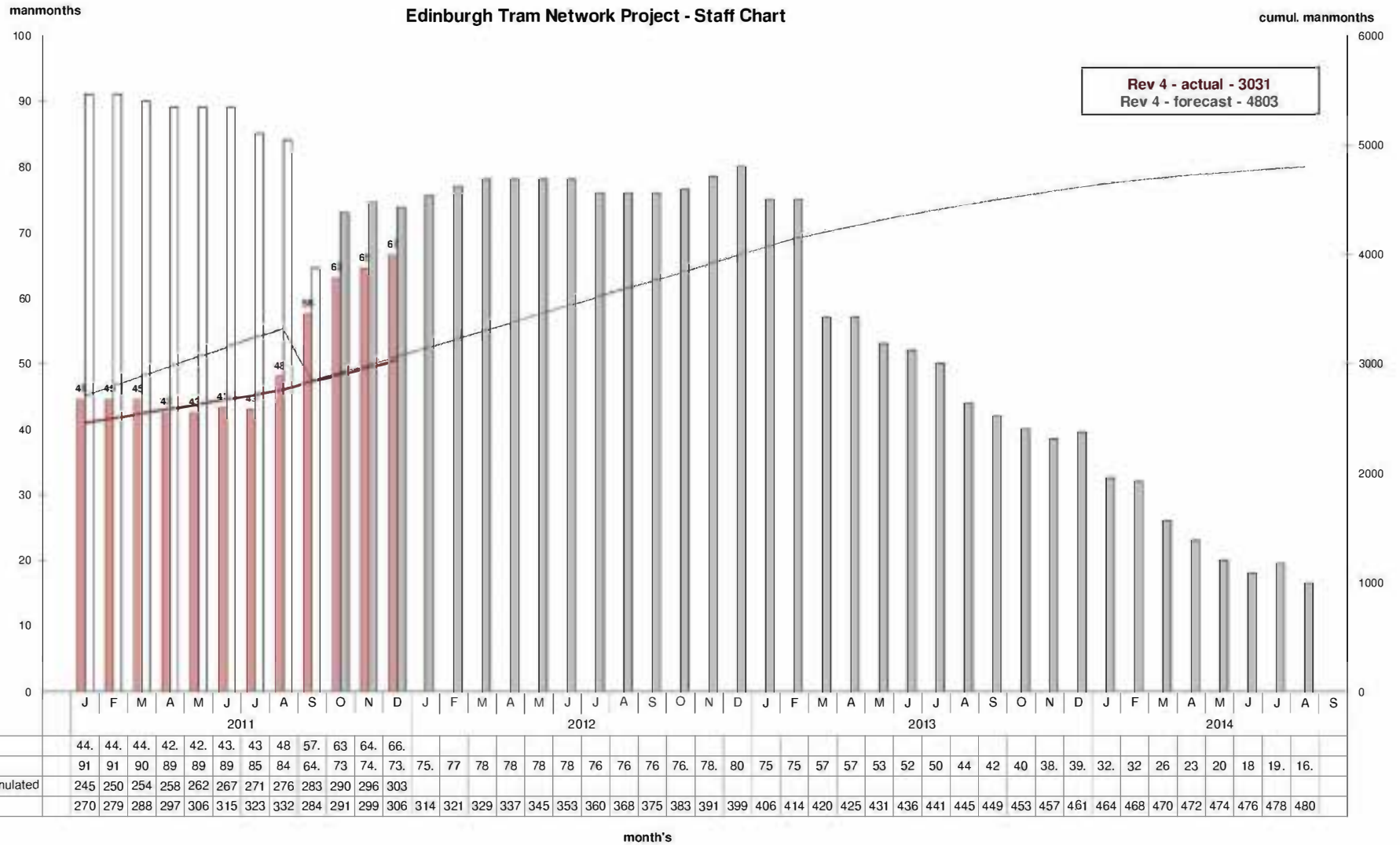
Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0794, PFB = 1.0791)

Total Cost without Prime Cost Sums			125,991,994		125,984,566			251,909,780	251,909,780	1,393,636		253,303,416	253,228,355		253,666,383
Gross Margin			9,965,967		10,003,175			19,632,511	19,632,511	398,627,00		20,031,138	20,106,199		19,668,171
Gross Margin in % of Performance			7.33 %		7.36 %			7.23 %	7.23 %	22.24 %		7.33 %	7.36 %		7.20 %
valued Performance without Prime Cost Sums			135,957,961		135,987,741			271,542,291	271,542,291	1,792,263		273,334,554	273,334,554		273,334,554
Actual Cost to date			126,422,594		126,422,594										
Gross Margin to date			9,535,367.00		9,565,147										
Gross Margin to date in % of Performance			7.01 %		7.03 %										
Performance Prime Cost Sums (incl. valued performance)															
Total Performance (incl. valued performance)			135,957,961		135,987,741			271,542,291	271,542,291	1,792,263		273,334,554	273,334,554		273,334,554
Revenue according WBS (VO's valued)															
Revenue according WBS (VO's valued by 100%)															

2.05 Organisation Chart



2.06 Staff Chart



2.08a Approved Change Orders

TNC	INC	ICO	NOT	Design	CMT	SAR 42	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Remarks	
											NOT	Design	Construction	OH	Margin		Margin in %
	501	502		✓			1A	66 Additional Cycle Path at Lindsay Road - Hawthornvale	26/10/2011	20,021		14,841		3,360	1,820	9.09%	
	506	503		✓			1C	66 Princes St - new cycle way from The Mound into Princes Street	26/10/2011	8,437		6,936		1,583	858	9.09%	
	507	504		✓			1C	66 St Andrew Square Public Realm Design finalisation (will follow on from item 15 above)	26/10/2011	135,548		98,648		24,577	12,323	9.09%	
	507	504		✓			1C	66 St Andrew Square Public Realm Design finalisation (will follow on from item 15 above)	15/12/2011	135,548		98,648		24,577	12,323	9.09%	
12	512	505		✓			1A	66 Incorporation of AECOM design for Road 7/8 (Ocean Terminal Bypass Road)	26/10/2011	54,819		39,797		10,038	4,984	9.09%	
	504	506		✓			1C	66 Inclusion of Blenheim Place redesign (for TRO) within Picardy Place redesign instruction	26/10/2011	46,247		34,283		7,780	4,204	9.09%	
13	508	507		✓			7A	66 New Road Safety Audit to achieve BAA/EAL approval	26/10/2011	10,025		7,432		1,692	911	9.09%	
	502	508		✓			1A	66 New Footpath at ocean Drive	26/10/2011	10,231		7,584		1,717	930	9.09%	
38	549	510		✓			1D	14 Move 3 No OLE's (St John's Church) to central reserve (SV200G)	22/11/2011	TBA							
10	511	511		✓			5C	66.63 Allow for storm water connection from Gogar Lodge to landowners new septic tank, CV1 Ref BARR6/015	22/11/2011	5,750		3,440	849	938	523	9.09%	
11	512	512		✓			OH	66 Extension to Edinburgh Park Office to accommodate CEO/Transport Scotland	22/11/2011	159,900			139,043	6,320	14,536	9.09%	
	505	513		✓			1C	66.12 Design of York Place Terminal Point and new runtime modelling, incorporating New run time model based on York Place Terminal Agreement	29/11/2011	228,653		169,498		38,368	20,787	9.09%	
39	550	514		✓			OH	66 Move OLE's in Shairdwick Place and amend Landscaping	19/12/2011	TBA							
	503	515		✓			5C	63 OLE temporary portals at Depot Access Bridge to allow finalisation without Edinburgh Gateway	01/12/2011	16,980			12,587	2,850	1,544	9.09%	
48	553	516		✓			OH	66 SDS to provide the Services of Matt Fell	30/11/2011	TBA							
27	526	518		✓			83	63 Tram Delivery Temporary Works	12/12/2011	6,878			5,332	921	625	9.09%	
	509	519		✓			OH	66 Cathedral Lane Substation - change to Henderson Global Design	15/12/2011	239,586		173,162		39,198	21,236	9.09%	
51	558	522		✓			ON	15 CAD Resource to prepare CAD Drawings showing road constraint	13/12/2011	TBA							
22	529	524		✓			5C	66 Gogar Castle Access Road Realignment	19/12/2011	TBA							
23	530	525		✓			OH	66 Depot Access Road Turning Head	16/12/2011	30,458		22,579		5,111	2,769	9.09%	
	561	528		✓			1A	31 Value Engineering Faith Port Section 1A	21/12/2011	2,443,000			2,220,909		222,091	9.09%	
20	539	529		✓			SW	SW Programme Rev 3A/4	21/12/2011	2,851,900	2,356,942				494,958	17.36%	
	507	504A		✓			1C	66 St Andrew Square Public Realm Design finalisation (will follow on from item 15 above)	15/12/2011	133,078		98,648		22,332	12,098	9.09%	
15.1	513	ICTCO		✓			SWON	15 Site Investigation works instructed under Inc 513 D	31/12/2011	15,969			11,838	2,680	1,452	9.09%	
25		ICTCO		✓			1D	14 Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	31/12/2011	52,012			38,556	8,728	4,728	9.09%	
28	521	ICTCO		✓			1D	14 Provide temporary accommodation and Welfare facilities	31/12/2011	1,543			1,144	259	140	9.09%	
35		ICTCO		✓			1D	14 Haymarket H1: Third Party affecting our ability to progress the works	31/12/2011	2,277			1,688	382	207	9.09%	
36		ICTCO		✓			1D	14 Haymarket H1: BT Fibre Optic Service required Divered	31/12/2011	70,826			52,503	11,885	6,439	9.09%	
37	528	ICTCO		✓			1D	14 Haymarket 1 - SIM Trench Excavation to Validate Utilities	31/12/2011	6,124			4,539	1,028	557	9.09%	
38	549	ICTCO		✓			1CD	13 Move 3 No OLE's (St John's Church) to central reserve (SV200G)	31/12/2011	1,002			743	168	91	9.09%	
40	535	ICTCO		✓			1CD	13 Princes St Outstanding Works: Scottish Water Diversion at Junction of Princes Street and South St David St. Previouslly TNC 533	31/12/2011	139,380			103,321	23,388	12,671	9.09%	
43		ICTCO		✓			1CD	13 Temporary Reinstatement of 1 track infills to allow Opening of Princes Street for Winter Festivals	31/12/2011	128,155			95,000	21,505	11,650	9.09%	
31	28	11		10					TOTALS	1,792,263	2,356,942	578,260	1,753,766	212,200	398,627	22.24%	
											1,393,636						

Project: **Edinburgh Tram Network**
 as per: **31/12/2011**

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		
	520				5C	Track crossing and associated works for SW in vicinity of Depot	16/05/2011	111,767	72,648	50,296	111,767	+		
15	513				SWON	Revise Design to minimise utility diversions / conflicts	20/07/2011	43,547	26,306	19,696	43,547	+		
16	514				SWON	Utility Mapping in Section 1C & 1D as per tie letter INF CORR 7625/MP containing PWINC 14	22/07/2011	92,756	60,291	41,740	92,756	+		
17	516				5C	Additional Watermain requirements at Depot min test rack reference CVI EXP5C/01	17/08/2011	51,282	33,333	23,077	51,282	+		
18	517				5C	Connect BT ducts underneath existing telecom box as per CVI Ref EXP5C/02	24/08/2011	3,209	2,066	1,444	3,209	+		
19	524				7A	NIL Future Pooling Works - amendments to suit revised NIL requirements	07/09/2011							
22	529				5C	Gogar Castle Access Road Realignment	13/10/2011	62,946	40,915	28,326	62,946	+		
26	525				5C	Allow access for remedials to 250mm dia watermain by others	19/10/2011							
41	534				SW	Scottish Power "Insurance Ducts" at various locations	31/10/2011							
42	540				7A	Describing plot 304	14/11/2011	132,275	65,979	59,524	132,275	+		
48	553				SW	Securement of Matt Fell (SDS) to Turner Townsends Utilities Team	30/11/2011							
51	556				SW	CAD Resources to prepare CAD Drawings showing road constr extent	13/12/2011							
53	559				SW	Detail Design of York Place Terminal Point	20/12/2011							
TOTALS									233,230	151,600	104,954	233,230	+	
											submitted	under preparation		
											maximum potential of changes		233,230.39	

Project: **Edinburgh Tram Network**

as per: **31/12/2011**



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	
												140,098,102	

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	0	0%	9 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
TQA-CEC-BSC-01-2010	26/09/2010	13	13	100%	Response received from CEC 08/12/11
TQA-BSC-08-2010	07/12/2010	11	11	100%	Response received from CEC 08/12/11
TSA-10-03-BSC Design Assurance	29/03/2011	4	3	75%	

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	%	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	6	6	9%	11	-	10	0	91%
1B	-	-	-	-	-	-	-	-	-
1C	18	2	16	89%	20	2	18	1	90%
1D	43	1	33	77%	4	-	4	-	100%
2	44	20	32	73%	56	5	32	5	57%
5A	12	4	2	17%	7	2	4	0	57%
5B	65	14	26	40%	21	3	15	-	71%
5C	30	4	19	63%	29	1	27	3	93%
6	37	2	35	95%	136	7	124	24	91%
7	73	10	48	66%	17	0	16	2	94%
System NCRs (non-audit)					301	20	250	35	83%
Cancelled					11	1	11	-	100%

3. Further quality-related events during this month

(please describe shortly)

External Audit findings responses issued to CEC were followed up during the month, 14 no. findings were confirmed as closed. NCR reviews are continuing with the sub contractors and within BB to speed up the closure process. O&M and ITP file compilation for the depot building and its individual parts was completed with handover to CEC on 16th December 2011. The BB Civil audit as requested by Wiesbaden was undertaken in September, the formal report is added in the Internal auditing section. Work is continuing to close the relevant observations and NCR's with updates of relevant Quality Plans and documents.

Project: Edinburgh Tram Network

as per: **31/12/2011**



2.12 Safety Information System - SIS

Bilfinger Berger Civil⁵ - Monthly Safety Report

Form Nr 0611a

Month	December	Prepared by				Contact phone or email.	civil.bilfinger.co.uk	
Site or office and Unit5	BBIB¹ Managers, Supervisors, Foremen	BBIB¹ workers	JV people under BBIB control	Sub-contractors³	Agency / hired people / BBSE workers eg BIS	Total	Others, eg public	
Number	68		44	366		478		
Hours ²	11501		6817	77350		95668		

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				1		1	Minor ankle injury
Calendar days lost this month + from any previous ongoing accidents						0	

Incidents							
Damage				1		1	Damage to BT duct caused by weight of tipper wagon running on top
Environment Ecology / Pollution						0	
Not work related						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

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 x200
 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+

3.01 Overview of Contingencies

Estimated Risks from Risk & Opportunity Sheet / Top Sheet		estimated	dissoluted	remaining
		GBP	GBP	GBP
Contractual Risks				
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
Total Contractual Risks		690,024	0	690,024
Design Risks				
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
Total Design Risks		272,873	0	272,873
Construction Risks				
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
Total Construction Risks		1,081,770	0	1,081,770
Commercial Risks				
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
Total Commercial Risks		2,995,333	0	2,995,333
Other Risks				
Total Other Risks		0	0	0
Total Values		5,040,000	-	5,040,000

Project: **Edinburgh Tram Network**
as per: **31/12/2011**



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	
Original SDS Design:											
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
New Design for Change Order:											
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
Original SDS Design:											
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%
SDS Design incl. Change Orders:											
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%
Percentage of Completion under consideration of IDR		99.1%	99.2%	99.7%	96.8%	99.6%	100.0%	99.8%	99.5%	96.8%	99.2%