

EDINBURGH TRAM NETWORK

Monthly Project Report November 2011



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: November 2011

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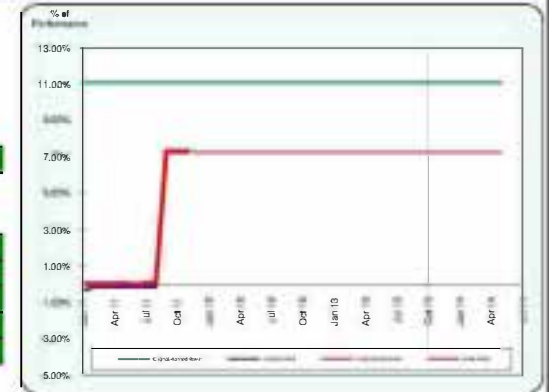
1.01 Project Overview Charts



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			272,223		
Claims / Variations approved				681		
Claims / Variations not approved				4,307		
Performance		128,687		130,121	101.1%	green
Actual Cost to Date				120,602	99.9%	green
Result	11.07%	7.23%	7.23%	7.32%	0.00%	green
Payment Status		127,638		130,830	102.5%	green
Av.Perf/mth: Rem. & act. 3mth			4,441	5,910		green

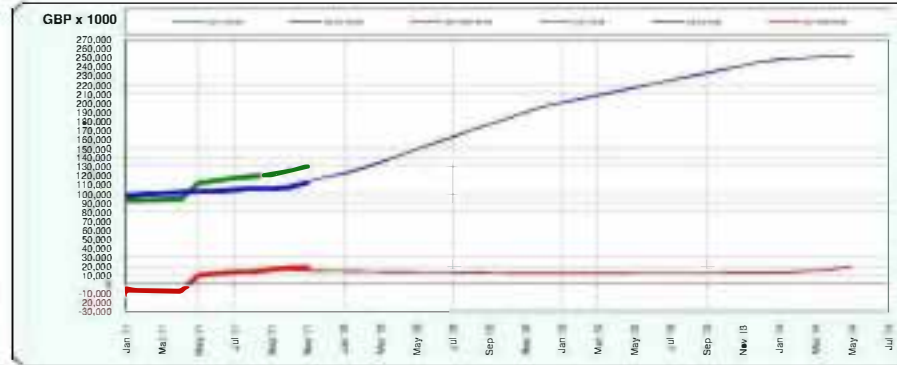
Project Key Figures



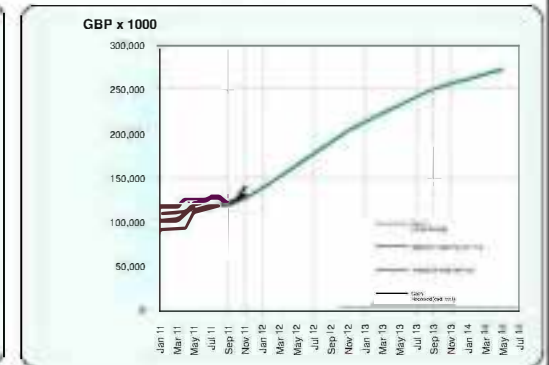
Project Result



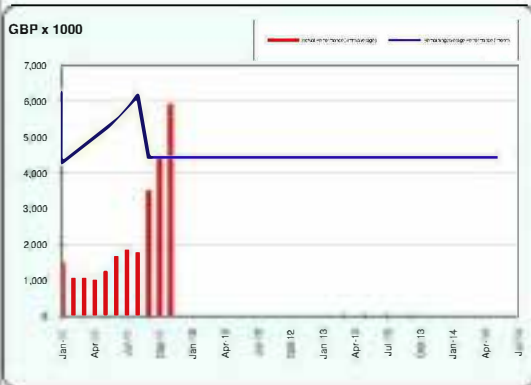
Project Cost



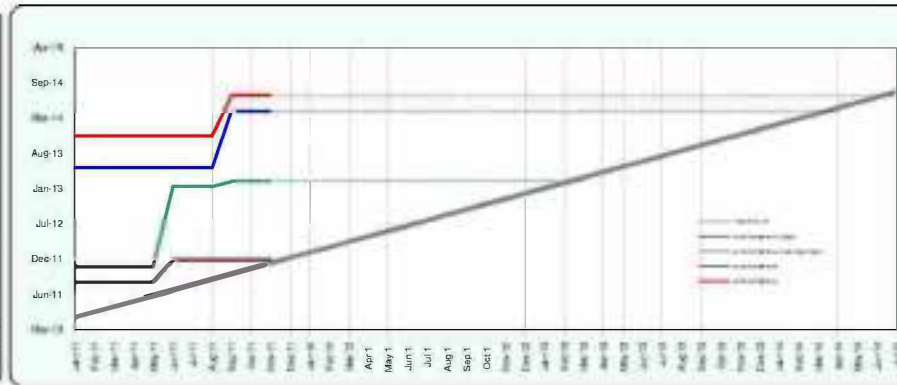
Cashflow



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 November works were performed in accordance with the agreed Programme Rev4.

Actual performance:	£5,712,368
Planned performance:	<u>£4,278,512</u>
Variance:	<u>£1,433,856</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	£9,519,209	or	7.32%
The forecast/planned result shows	£19,694,384	or	7.23%
in the R&O Sheet the project will result in a weighted margin of	£25,084,668	or	9.11%

1.2.4 Payment Status

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

Invoiced net to the client:	£130,829,860
Paid net from the client:	<u>£130,829,860</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:	£131,635,045.68	(incl. interest income)
Cash out net:	£112,342,727.93	
Cash balance net:	£19,292,317.75	

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 (16th December 2011 - Rev. 3A)
 Sectional B Completion Date by 08th March 2013 (07th February 2013 - Rev. 3A)
 Sectional C Completion Date by 09th April 2014 (19th February 2014 - Rev. 3A)
 Sectional D Completion Date by 08th July 2014 (20th May 2014 - Rev. 3A)

1.03 General Information

1.3.1	Short note on progress, events this month		
	<p><u>Mobilisation :</u></p> <p><u>Design:</u> 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 and will be completed by early next year.</p> <p><u>Procurement :</u> All new subcontract arrangements are finally negotiated.</p> <p><u>Construction :</u> During November works were performed in accordance with the agreed Programme Rev4.</p> <p><u>Contract :</u> Settlement Agreement signed on 15th September 2011 which defines new contractual arrangements for the Off Street Works and On Street Works up to York Place (retrunked line) with a revised Contract Amount of £ 271.542.291.</p> <p>The Settlement Agreement is based on Programme Rev. 4 (approved) and the commercial implications of this change (Rev. 3A to Rev. 4) to be regulated by a Change Order.</p> <p>In November 4 Change Orders (Design) were received with an total amount of £ 394,303.</p>		
1.3.2	Significant extraordinary events		
	<u>Date</u>	<u>Description</u>	<u>Remarks</u>
1.3.3	Recent important agreements with the Employer or instructions having significant consequences		
	<u>Date</u>	<u>Description</u>	<u>Remarks</u>
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: 1.16 EUR	Expired construction time	42.5 month	42.5 month	57.6 %								
				Performance to date	130,121,179 GBP		47.8 %								
2. Total Contract Value				Date of Contract	Total Previous Month	November 2011	Total Reporting Month								
Contract Value with Client (revised evaluation)				271,542,291 (incl. SDS NovaAgree)	100.00%	271,828,619	100.1%	394,303	272,222,922	100.3%					
Contract Value with 3rd Parties (without interest)						0	0.0%	0	0	0.0%					
					271,828,619	100.1%	394,303	272,222,922	100.3%						
3 Approved Changes total					286,328	0.1%	394,303	680,631	0.3%						
3a. Provisional Sums					Total Previous Month	November 2011	Total Reporting Month								
3b. Claims and Variations					Total Previous Month	November 2011	Total Reporting Month								
Claims and Variations approved (= Total VO's Approved - 3a Provisional Sums)					286,328	0.1%	394,303	680,631	0.3%						
Claims and Variations submitted but not approved yet					665,001	0.2%	3,642,027	4,307,028	1.6%						
Claims and Variations under preparation					0	0.0%	0	0	0.0%						
4a. Performance					Total Previous Month	November 2011	Total Reporting Month								
Performance for Actual Contract Value with Client					124,408,811	45.77%	5,712,368	130,121,179	47.80%						
Performance for 3rd Parties (without interest)					0	0.00%	0	0	0.00%						
Total Performance to Date					124,408,811	45.77%	5,712,368	130,121,179	47.80%						
Remaining Performance to Date					147,419,808	54.23%		142,101,743	52.20%						
Actual Planned Performance (Planned Performance per report date - Performance Last Month)					124,408,811	45.77%	4,278,512	128,687,323	47.27%						
4b. Cost					Total Previous Month	November 2011	Total Reporting Month								
Actual Cost at Reporting Date					115,341,548	42.43%	5,260,422	120,601,970	44.30%						
5. Result					Date of Contract	Total Previous Month	November 2011	Total Reporting Month							
Planned Result for Contract with Client (revised evaluation)				19,632,508	7.23%	19,653,209	7.23%	28,508	19,681,717	7.23%					
Actual Result at Reporting Date						9,067,263	7.29%	451,946	9,519,209	7.32%					
Forecast Result at the End of Contract						19,653,209	7.23%	28,508	19,681,717	7.23%					
Weighted Result at the End of Contract (Likely Case)						25,048,821	9.11%	35,847	25,084,668	9.11%					
6. Invoices, Payment and Bank account					Total Previous Month	November 2011	Total Reporting Month								
Application to the client - excl. VAT				incl. Ret. Money	0	0.00%	125,414,660	46.14%	14,683,442	140,098,102	51.46%				
Certified by the client (Invoice) - excl. VAT				incl. Ret. Money	0	0.00%	125,414,660	46.14%	5,415,200	130,829,860	48.06%				
Cash in from the client - excl. VAT				excl. Ret. Money	0	0.00%	125,414,660	46.14%	5,415,200	130,829,860	48.06%				
Cash in from 3rd Parties - excl. VAT						0	0.00%	0	0	0.00%					
Interest income						786,779	0.63%	18,406	805,186	0.62%					
Cash out (excl. VAT)						107,439,845	39.52%	4,902,882	112,342,728	41.27%					
Net Liquidity				creditle	0	0%	18,761,594	6.90%	530,724	19,292,318	7.09%				
7. Subcontractor Work (incl. Design)					Total Previous Month	November 2011	Total Reporting Month								
Total Portion of Subcontractor Budget (first evaluation)				60,353,024 (incl. SDS)	22.23%	186,888,789	68.75%	123,070	187,011,859	68.70%					
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	37.1%		
Jan		1,706	2,786	2,346		1,573	5,593	4,744	2,812	Result	0				
Feb		2,526	4,026	2,026		815	5,892	4,765	2,805	Performance and Result in 2011					
Mrz		3,526	5,026	2,526		788	6,537	4,727	2,778	Performance	32,640,375	12.0%			
Apr		4,526	5,276	2,526		12,940	1,424	6,541	4,738	2,820	Result	9,658,891	29.59%		
Mai	855	5,776	6,026	2,526			1,574	6,533	4,591	1,854	Performance and Result in 2012				
Jun	1,355	5,776	6,526	1,026			2,056	6,586	4,553	Performance	75,364,028	27.7%			
Jul	2,375	5,776	6,526	1,026			37,734	1,937	6,546	4,545	Result	5,452,326	7.23%		
Aug	2,855	6,026	6,526					1,355	6,431	4,536	Performance and Result in 2013				
Sep	3,055	4,626	6,526					7,192	6,486	4,536	Performance	50,281,874	18.5%		
Okt	2,855	4,026	6,526					50,195	4,827	2,882	Result	3,637,719	7.23%		
Nov	1,535	2,526	5,026					5,712	6,197	2,837	Performance and Result in 2014				
Dez	1,446	1,866	1,706					3,388	5,539	2,827	Performance	13,068,329	4.8%		
Total		16,334	48,678	62,498	13,999	100,868	32,640	75,364	50,282	13,068	Result	945,448	7.23%		
		Linear Calculation				total: 272,223					Total Performance and Result				
											Performance	272,222,922	100.0%		
											Result	19,694,384	7.23%		
Edinburgh, 14/12/2011				Edinburgh, 14/12/2011											
Place and Date				M Foerder, Project Director				Place and Date				C Gebauer, Project Control Manager			

1.05 Weighted Result with Chances and Risks

Revenue		best case	likely case	worst case	Cost		best case	likely case	worst case
		' GBP	' GBP	' GBP			' GBP	' GBP	' GBP
1	Actual Contract Value according to Job Site Estimate incl. Approved Integrated Changes	272,223	272,223	272,223	1	Actual Cost Forecast according to Job Site Estimate incl. cost for Integrated Changes	-252,528	-252,528	-252,528
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	Prolongation Rev3A to Rev4	-2,737	2,737	-2,737
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	-2,737	-2,737	-2,737
5.1	Prolongation Rev3A to Rev4	3,010	3,010	3,010	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	489	326	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				
Σ 5	Chances	3,010	3,010	3,010	Σ 5	Chances	7,509	5,115	0
6 =1+3+4+5	Forecast Final Revenue	275,234	275,234	275,234	6 =1+3+4+5	Forecast Final Costs	-247,755	-250,149	-255,264

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue Costs Result	275,234 -247,755 27,478		
% Gross Margin based on Revenue Best Case	Revenue: 275,234	9.98%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs, all cases)	Revenue Costs Result		275,234 -250,149 25,085	
% Gross Margin based on Revenue Likely Case	Revenue: 275,234		9.11%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue Costs Result			275,234 -255,264 19,969
% Gross Margin based on Revenue Worst Case	Revenue: 275,234			7.26%
Gross Margin previous month (most likely case)		9.98%	9.11%	7.25%

	Project: Edinburgh Tram Network as per: 30/11/2011	
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001AK41 Edinburgh Tram Network 2011_11
Reporting Month: 43. Report Period, 30/11/2011

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	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		113,367,198	7,234,772	120,601,970	120,706,103		104,133	120,706,103	104,133	5,260,42	-5,260,42	251,909,78	251,909,78	618,755		252,528,537	252,528,531	47.8 %	131,822,434	252,424,40	104,133	217,851	
Prime Cost Sums 0 / 0																							
Total Cost without Prime Cost Sums		113,367,198	7,234,772	120,601,970	120,706,103		104,133	120,706,103	104,133			251,909,78	251,909,78	618,755		252,528,537	252,528,531		131,822,434	252,424,40			

REMEASURED CONTRACT:

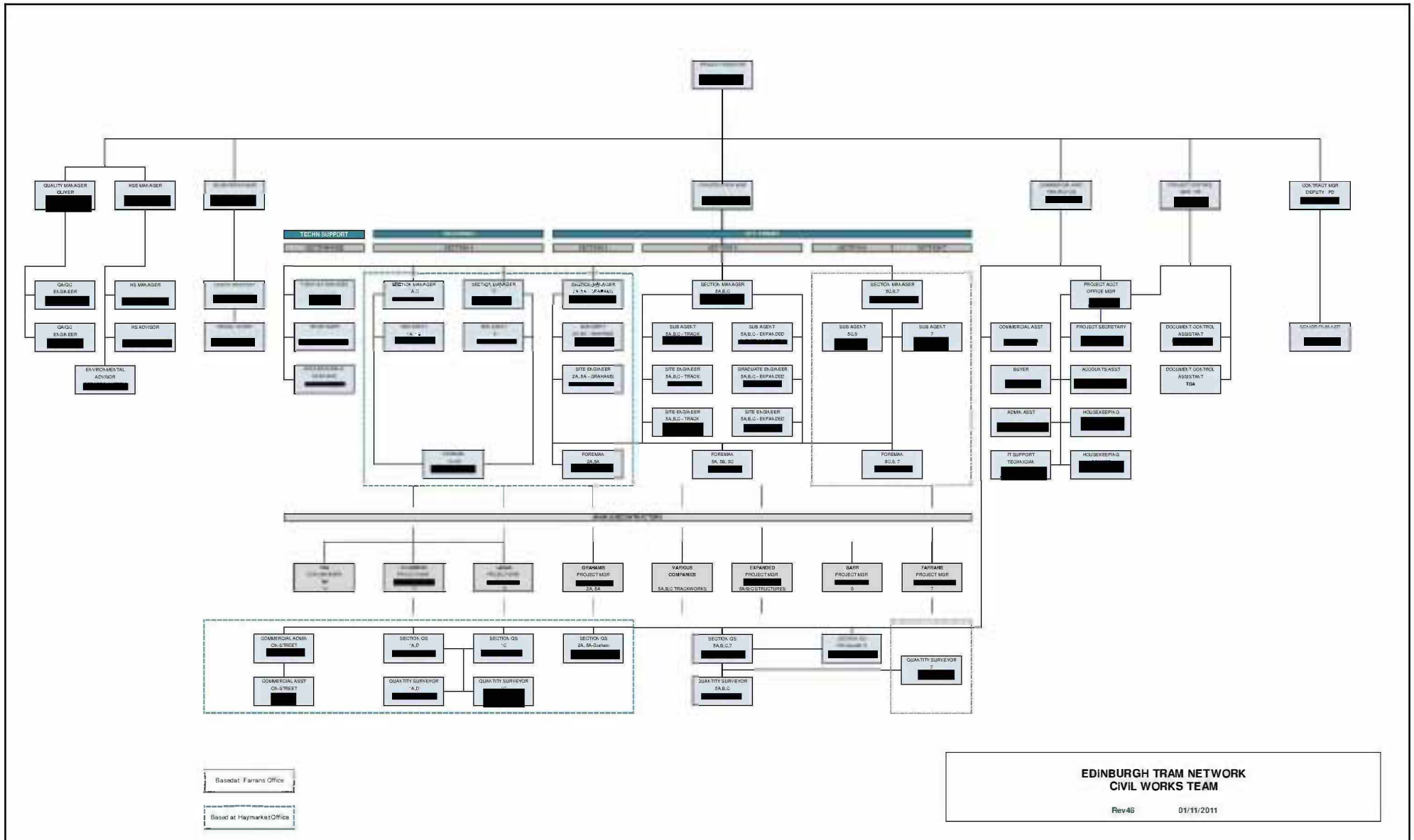
Gross Margin original Contract and agreed VO's (PF = 1.0780, PFB = 1.0780)

Total Cost without Prime Cost Sums		120,601,970	120,706,103		120,706,103		251,909,78	251,909,78	618,755		252,528,537	252,528,531		252,424,40
Gross Margin			9,415,076		9,415,076		19,632,509	19,632,509	61,876.00		19,694,385	19,694,385		19,798,518
Gross Margin in % of Performance			7.24 %		7.24 %		7.23 %	7.23 %	9.09 %		7.23 %	7.23 %		7.27 %
Performance without Prime Cost Sums			130,121,179		130,121,179		271,542,291	271,542,291	680,631		272,222,922	272,222,922		272,222,922
Actual Cost to date			120,601,970		120,601,970									
Gross Margin to date			9,519,209		9,519,209									
Gross Margin to date in % of Performance			7.32 %		7.32 %									
Performance Prime Cost Sums														
Total Performance			130,121,179		130,121,179		271,542,291	271,542,291	680,631		272,222,922	272,222,922		272,222,922
Revenue according WBS														

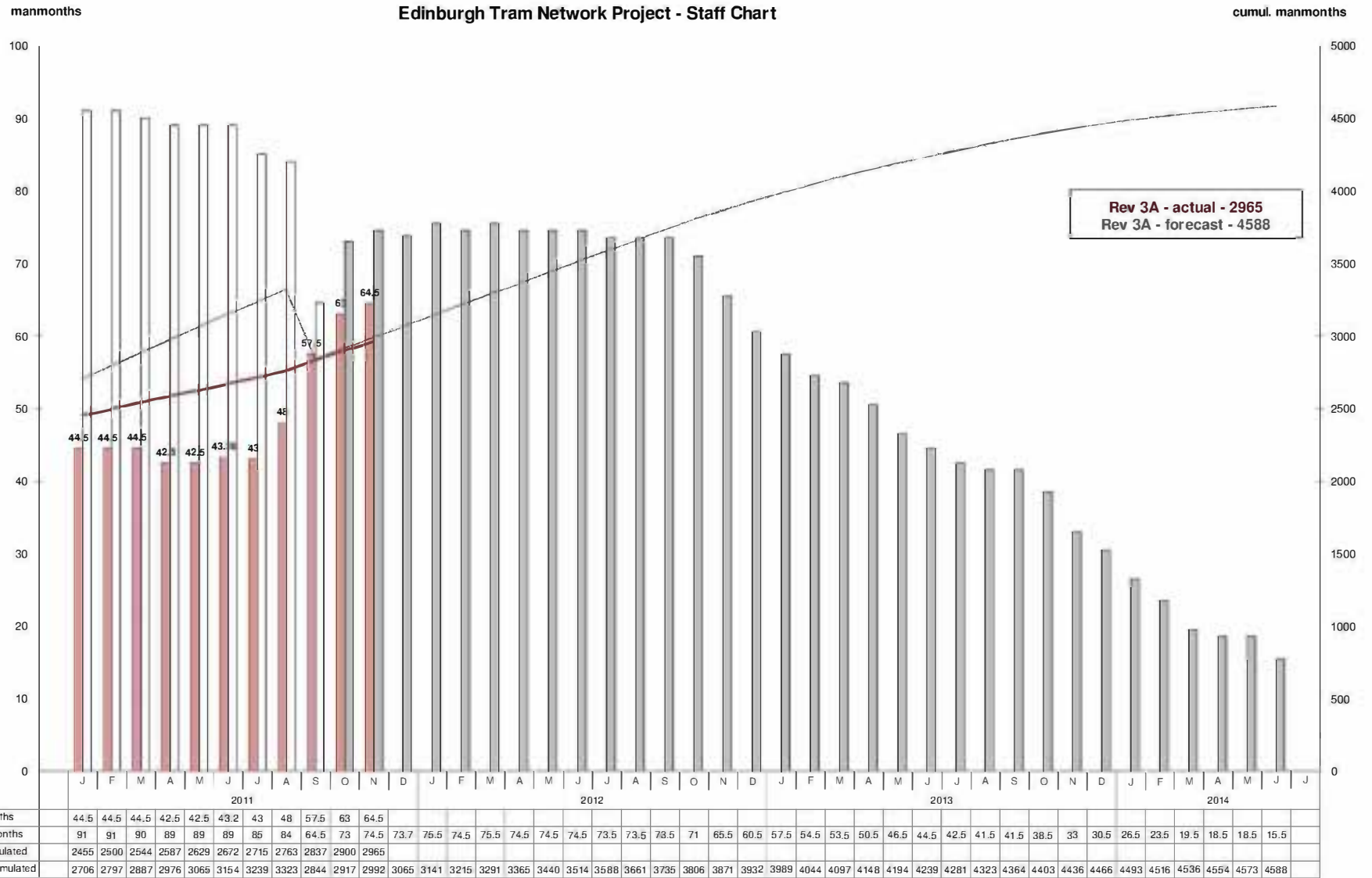
Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0780, PFB = 1.0780)

Total Cost without Prime Cost Sums			120,706,103		120,706,103		251,909,78	251,909,78	618,755		252,528,537	252,528,531		252,424,40
Gross Margin			9,415,076		9,415,076		19,632,509	19,632,509	61,876.00		19,694,385	19,694,385		19,798,518
Gross Margin in % of Performance			7.24 %		7.24 %		7.23 %	7.23 %	9.09 %		7.23 %	7.23 %		7.27 %
valued Performance without Prime Cost Sums			130,121,179		130,121,179		271,542,291	271,542,291	680,631		272,222,922	272,222,922		272,222,922
Actual Cost to date			120,601,970		120,601,970									
Gross Margin to date			9,519,209.00		9,519,209									
Gross Margin to date in % of Performance			7.32 %		7.32 %									
Performance Prime Cost Sums (incl. valued performance)														
Total Performance (incl. valued performance)			130,121,179		130,121,179		271,542,291	271,542,291	680,631		272,222,922	272,222,922		272,222,922
Revenue according WBS (VO's valued)														
Revenue according WBS (VO's valued by 100%)														

2.05 Organisation Chart



2.06 Staff Chart



Project: **Edinburgh Tram Network**
as per: **30/11/2011**

2.08a Approved Change Orders

PMC	INC	ICO	EOT	Design	CST	Section / Activity	Description	Date Issued	Revenue	Job Estimate Budgets					Remarks	
										EOT	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	9,437		6,996		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%	
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	4,964	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		7,760	4,204	9.09%	
13	506	507				7A 66	New Road Safety Audit to achieve BAA/EAL approval	26/10/2011	10,025		7,432		1,682	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 stormwater connection from Gogar Lodge to landowners new septic tank. CVI Ref BARR6/015	22/11/2011	5,750		3,440	849	938	523	9.09%	
31	544	512				OH 64	Extension to Edinburgh Park Office to accommodate CEG/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 runtime model based on York Place Terminal Agreement	29/11/2011	228,653		169,498		38,368	20,787	9.09%	
										618,756						
11	11	11		10			TOTALS		680,631		382,519	139,893	96,344	61,876	9.09%	

Project: **Edinburgh Tram Network**
as per: **30/11/2011**

2.08b Unapproved Changes

							Assessment			Status on unapproved changes			
PMC	INC	EOT	Design	CST	Section	Description	Notified	Maximum	assessed	Minimum	Submitted	to be submitted	Remarks
	503			+	5C	OLE temporary portals at Depot Access Bridge to allow finalisation without Edinburgh Gateway	02/06/2011	16,990	11,037	7,641	16,990	+	
	509		*		1C	Cathedral Lane Substation - change to Henderson Global Design	13/06/2011	233,596	151,837	105,119	233,596	+	
	520			+	5C	Track crossing and associated works for SW in vicinity of Depot	19/05/2011	111,767	72,649	50,295	111,767	+	
14	531			+	5C	Edinburgh Gateway interface with SP 33kV Cable bank	27/07/2011	790,185	513,620	355,583	790,185	+	
15	513		*		SW ON	Revised Design to minimise utility diversions / conflicts	20/07/2011	43,547	28,306	19,596	43,547	+	
15.1	513			+	SW ON	Site Investigation works instructed under the 513 D	20/07/2011						
16	514			+	SW ON	Utility Mapping in Section 1C & 1D a separate letter INF CORR 7#25/MP containing PW/INC 14	22/07/2011						
17	516			*	5C	Additional Watermain requirements at Depot mini test rack reference CVI EXPSC/01	17/09/2011						
18	517			+	5C	Connect BT ducts underneath existing telecom box as per CVI Ref EXPSC/02	24/09/2011						
19	524		*	+	7A	NIL Future Proofing Works - amendments to suit revised NIL requirements	07/09/2011						
20		+			SW	Programme after Mediation Movement from Rev. 3a to Rev 4	15/09/2011	3,010,290	1,956,688	1,354,630	3,010,290	+	
22	529		*	+	5C	Gogar Castle Access Road Realignment	13/10/2011	62,946	40,915	28,326	62,946	+	
23	530		*			Depot Access Road Turning Head	13/10/2011	30,458	19,798	13,706	30,458	+	
24			*		1A	New Cycle Path at Old Port Road	14/10/2011						
25				+	1D	Utilities affecting the construction of OHLE foundations in Haymarket 'H1'	19/10/2011						
26	525			+	5C	Allow access for remedials to 250mm dia watermain by others	19/10/2011						
27	526			+		Tram Delivery Temporary Works	07/10/2011	7,259	4,719	3,267	7,259	+	
28	521			+	1D	Provide temporary accommodation and Welfare facilities	07/10/2011						
29	522			+	1D	Protocol for Road Reconstruction works in Haymarket 'H1'	07/10/2011						
30	523			+	1D	Additional CBR/Plate Testing	07/10/2011						
32				+	1D	Utilities affecting ability to remove site clearance items	21/10/2011						
35				+	1D	Haymarket H1: Third Party affecting our ability to progress the works	01/11/2011						
36				+	1D	Haymarket H1: BT Fibre Optic Service required Diverted	31/10/2011						
37	528			+	1D	Haymarket 1 - Silt Trench Excavation to Validate Utilities	19/10/2011						
40	535			+	PSOW	Princes St Outstanding Works: Scottish Water Diversion at Junction of Princes Street and South St David St. Previously TNC 533	04/11/2011						
41	534			+	SW	Scottish Power "Insurance Ducts" at various locations	31/10/2011						
42	540		*	*	7A	Descoping plot304	14/11/2011						
43				+	PSOW	Temporary Reinstatement of track infills to allow Opening of Princes Street for Winter Festivals	22/11/2011						
44				+	PSOW	Carry out BT Utility Diversion works at South St David Street / Princes Street	22/11/2011						
29	21	1	7	24		TOTALS		4,307,028	2,799,568	1,938,163	4,307,028	+	

Project: **Edinburgh Tram Network**

as per: **30/11/2011**



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										0			
1	MONTH	500,000	21,389,899	19,100,000	-2,289,899	0	0	0	19,100,000	30/06/2008		0	
May-08	ACCUM.	500,000	21,389,899	19,100,000	-2,289,899				19,100,000			0	
2	MONTH	1,052,000	2,414,100	2,289,899	-124,201	0	0	0	2,289,899	15/07/2008	04/06/2008	19,100,000	
Jun-08	ACCUM.	1,552,000	23,803,998	21,389,899	-2,414,100				21,389,899			19,100,000	
3	MONTH	-1,552,000	-23,803,998	-21,389,899	2,414,100	0	0	0	-21,389,899	11/08/2008	04/07/2008	2,289,899	
Jul-08	ACCUM.								0			21,389,899	
4	MONTH	4,348,256	26,720,722	25,784,259	-936,463	0	0	0	25,784,259	11/09/2008	01/08/2008	4,394,360	
Aug-08	ACCUM.	4,348,256	26,720,722	25,784,259	-936,463				25,784,259		29/08/2008	25,784,259	
5	MONTH	1,046,633	971,518	739,994	-231,525	0	0	0	739,994	08/10/2008	29/09/2008	739,994	
Sep-08	ACCUM.	5,394,889	27,692,240	26,524,252	-1,167,988				26,524,252			26,524,252	
6	MONTH	3,339,638	705,826	809,079	103,253	0	0	0	809,079	14/11/2008	31/10/2008	809,079	
Oct-08	ACCUM.	8,734,527	28,398,066	27,333,331	-1,064,735				27,333,331			27,333,331	
7	MONTH	1,724,602	1,584,058	625,106	-958,953	0	0	0	625,106	22/12/2008		0	
Nov-08	ACCUM.	10,459,129	29,982,124	27,958,437	-2,023,688				27,958,437			27,333,331	
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	14,683,442	5,415,200	-9,268,242	0	0	0	5,415,200	19/10/2011	19/10/2011	5,415,200	
Nov-11	ACCUM.	130,121,179	140,098,102	130,829,860	-9,268,242				130,829,860			130,829,860	
												130,829,860	

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	0	0%	All 13 NCR's responded 30/05/2011, tie response
TQA-BSC-08-2010	07/12/2010	11	10	91%	
TSA-10-03-BSC Design Assurance	29/03/2011	4	3	75%	
BSI Continuing Assessment	08/11/2011	0	0	n/a	

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	9	5	8%	11	-	10	5	91%
1B	-	-	-	-	0	-	0	-	0%
1C	18	17	12	67%	18	0	16	7	89%
1D	31	31	29	94%	4	-	4	-	100%
2	44	38	30	68%	44	11	27	6	61%
5A	12	4	1	8%	5	1	4	2	80%
5B	59	38	5	8%	21	0	15	-	71%
5C	27	20	13	48%	28	6	26	8	93%
6	38	19	19	50%	111	7	100	16	90%
7	73	49	40	55%	17	0	14	4	82%
System NCRs (non-audit)					259	25	216	48	83%
Cancelled					11	1	11	-	100%

3. Further quality-related events during this month

(please describe shortly)

External Audit findings responses issued to tie were followed up during the month, 1 finding was 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 is continuing with a handover of files carried out on 28th October for review by BB. This review is ongoing as further information is received. The BB Civil audit as requested by Wiesdaben was undertaken in September, the formal report is added in the Internal auditing section. Work is currently under way to close the relevant NCR's. BSI carried out an audit of Quality, Safety and Environmental systems in the period. No Quality related NCR's were received.

Project: **Edinburgh Tram Network**

as per: **30/11/2011**



2.12 Safety Information System - SIS

Bilfinger Berger Civil⁵ - Monthly Safety Report

Form Nr 0611a

November

	BBIB ¹ Managers, Supervisors, Foremen	BBIB ¹ workers	JV people under BBIB control	Sub-contractors ³	Agency / hired people / BBSE workers eg BIS	Total	Others, eg public
Number	61		45	308		414	
Hours ²	10237		6945	52305		69487	

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	3 x hand injuries and 1 twisted ankle
Calendar days lost this month + from any previous ongoing accidents						0	

Incidents

Damage				3		3	1 x 11 kva cable, 1 x small bore gas pipe and 1x sewer pipe
Environment Ecology / Pollution						0	
Not work related eg flood, bomb scare						0	
Near misses, hazards reported				1		1	6t dumper slipping down slope, no damage

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 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 CD Princes Street



Picture 02

Section 1 CD Princes Street



2.13 Project Photographs

Picture 02

Section 1D

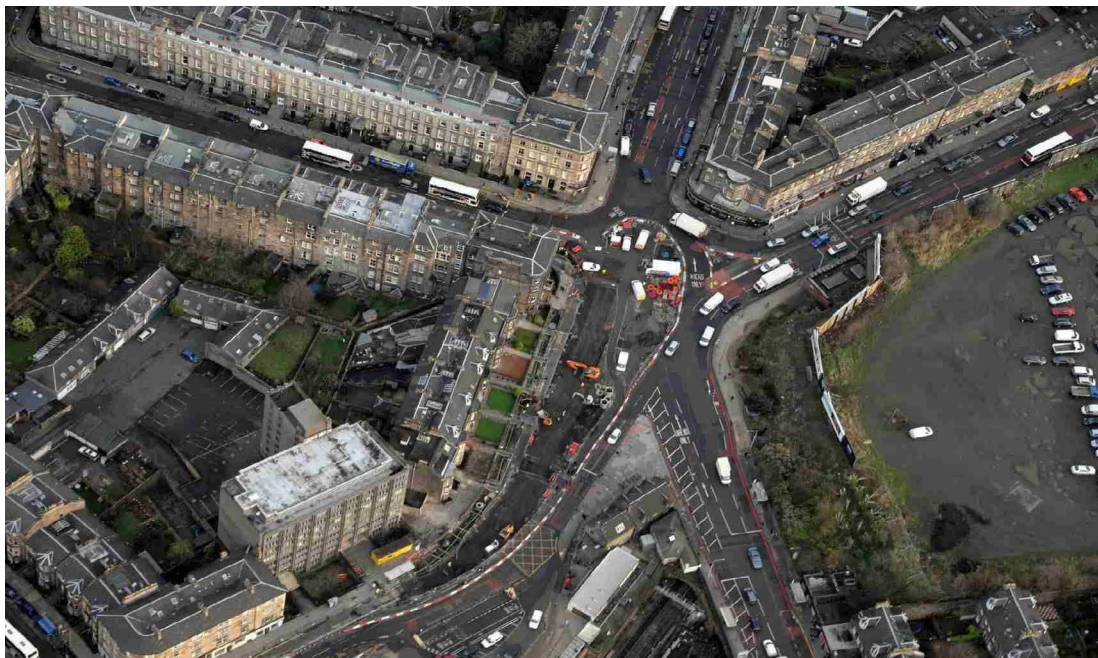
Haymarket



Picture 03

Section 1D

Haymarket

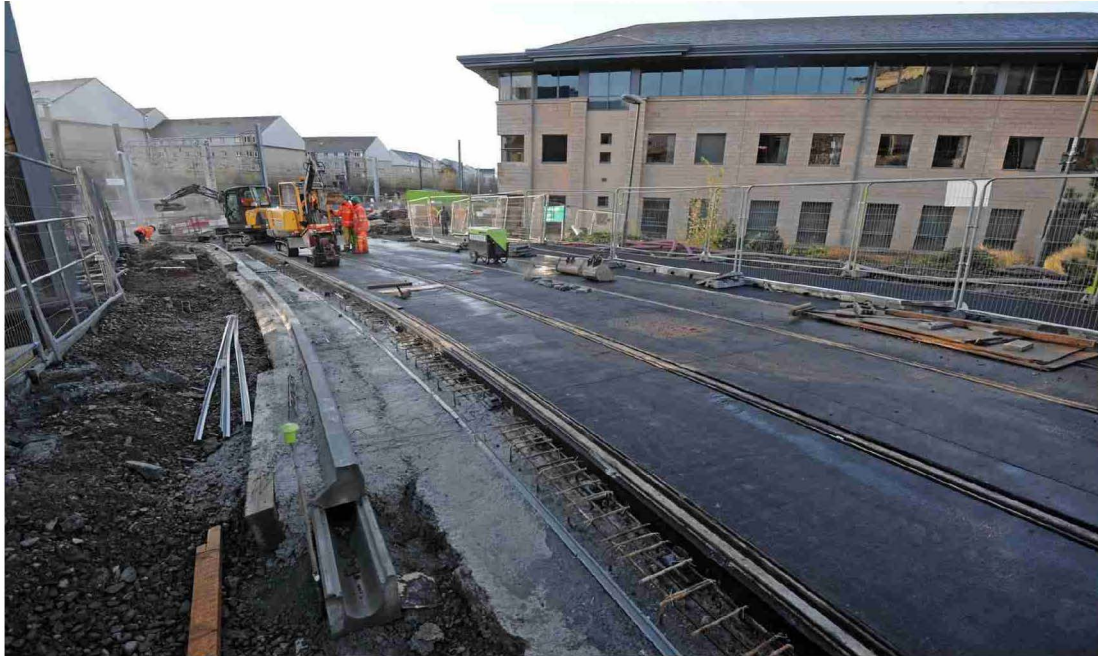


2.13 Project Photographs

Picture 05

Section 2

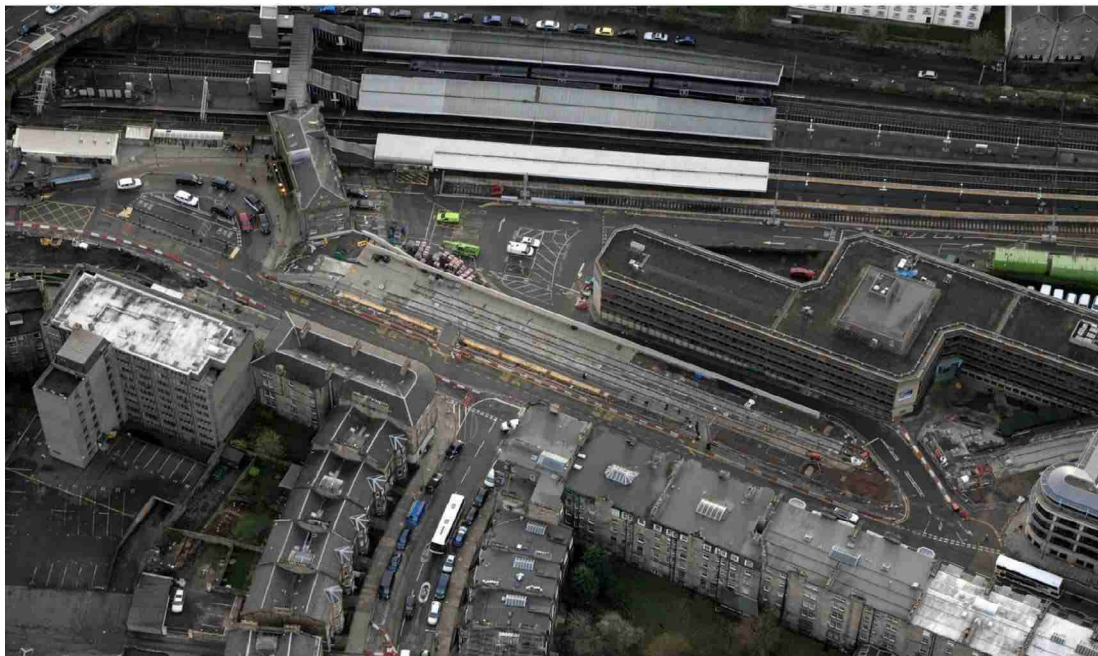
Haymarket Yards



Picture 06

Section 2

Haymarket Yards



2.13 Project Photographs

Picture 07

Section 2/5A Russell Road



Picture 08

Section 2/5A Russell Road



2.13 Project Photographs

Picture 09

Section 5C

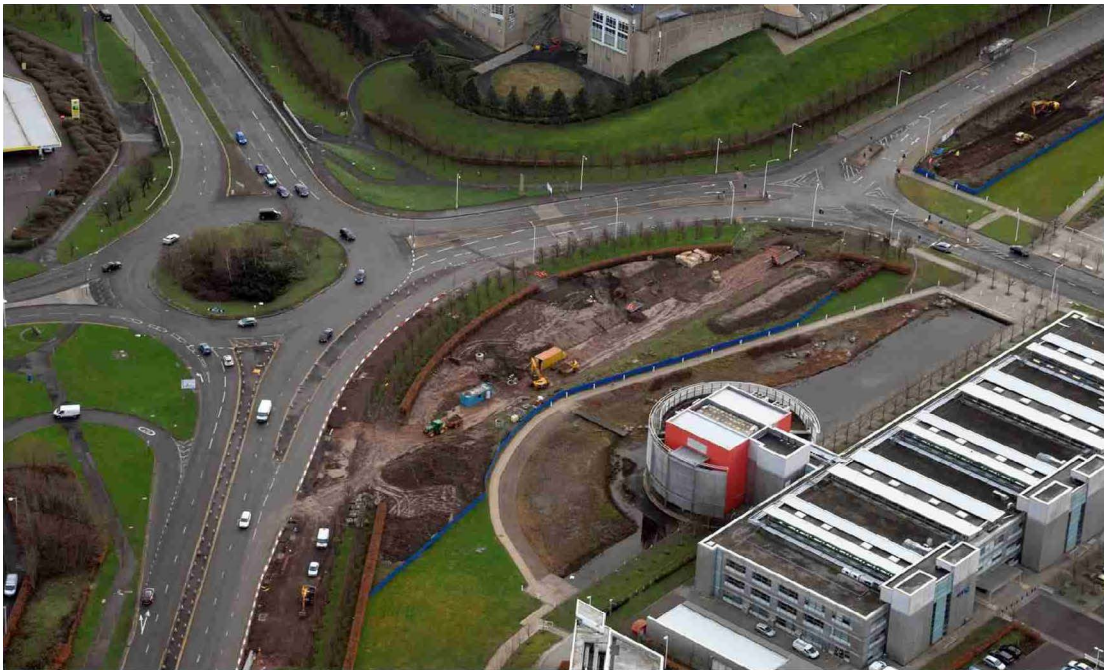
South Gyle Broadway



Picture 10

Section 5C

South Gyle Broadway



2.13 Project Photographs

Picture 11

Section 6

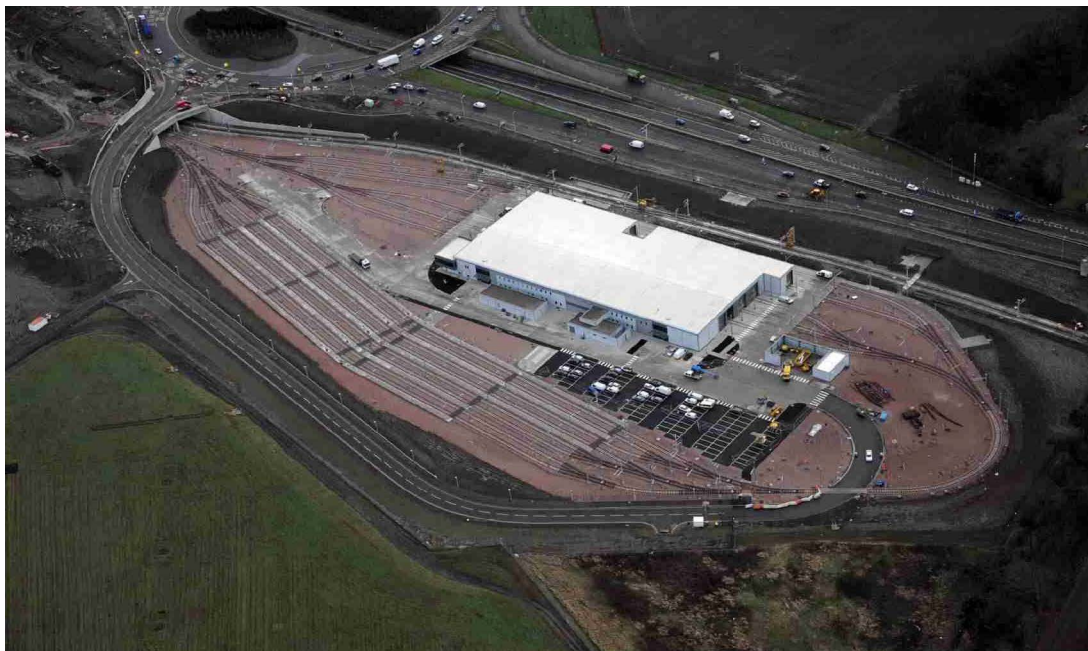
Depot



Picture 12

Section 6

Depot



2.13 Project Photographs

Picture 13

Section 7

Ingliston P+R



Picture 14

Section 7

Gogarburn Area



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: **30/11/2011**



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%