

EDINBURGH TRAM NETWORK

Monthly Project Report
October 2010



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: October 2010

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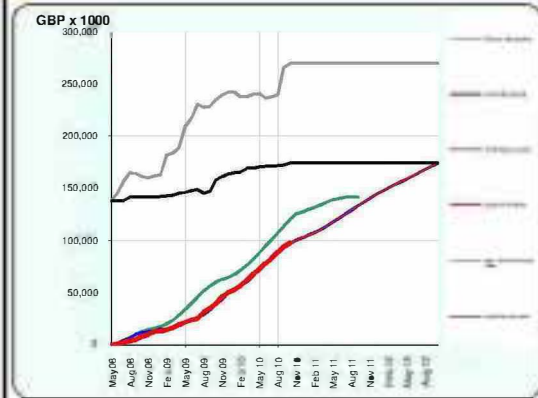
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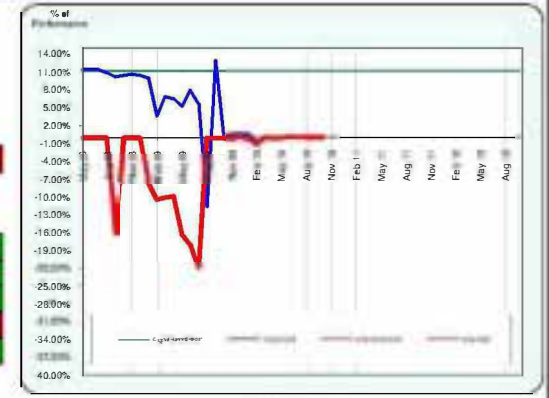
1.01 Project Overview Charts



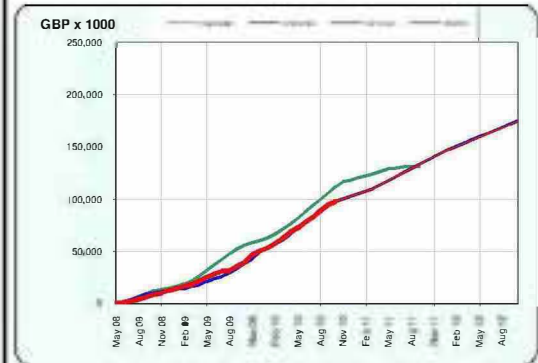
Performance

	Contract Plan (Rev.1)	Revised Plan (actual)	Forecast (Rev 3A)	Actual	Status Figures
Construction start date	15-May-08			15-May-08	
Construction end date	16-Jul-11	05-Jun-12	20-Nov-13		17.5 month red
Total contract value [GBP x 1000]	141,509			174,219	
Claims / Variations approved				39,938	
Claims / Variations not approved				95,207	
Performance		97,919		97,994	100.1% green
Actual Cost to Date				98,048	100.1% green
Result	11.07%	-0.26%	-0.26%	-0.06%	0.00% green
Payment Status		97,739		88,451	90.5% red
Av.Perf/mth: Rem. & act. 3mth			3,630	4,915	green

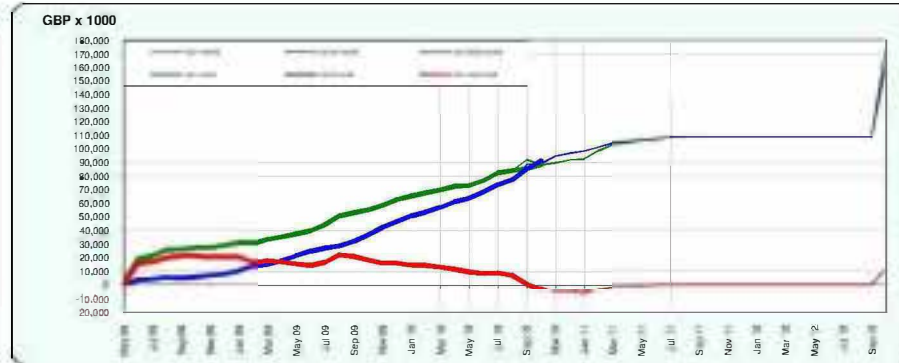
Project Key Figures



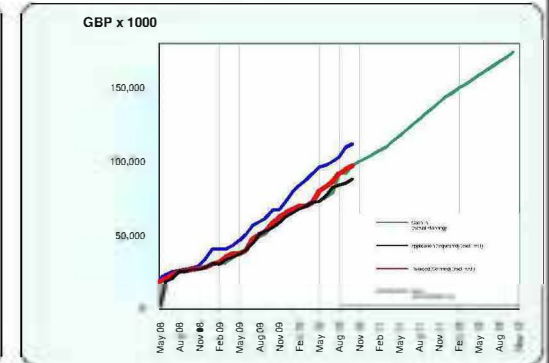
Project Result



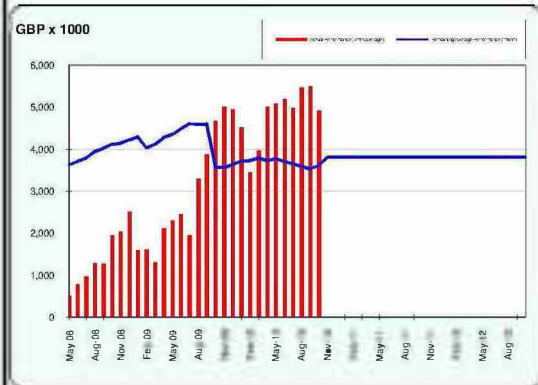
Project Cost



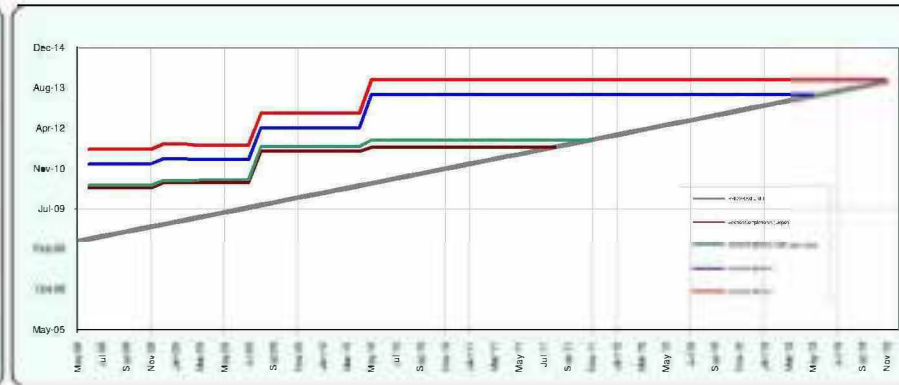
Cashflow



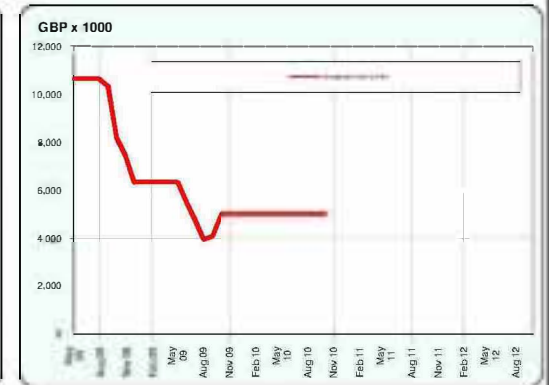
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev 3A)



Contingencies vs Risks

1.02 Short note on Overview Charts

1.2.1	Performance												
<p>Due to the contractual stand off situation with tie, cessation of all unapproved works was established early October and was effecting works on approved changes. Progress of works was limited to execution of approved changes or 80.15 instruction not related to any unapproved change.</p> <p>Works at Lindsay Road, Tower Place and Depot Building were performed on this basis only.</p> <p>Instructed construction parts (Clause 80.15) at Depot Access Bridge and Drainage Section 7 are ongoing on demonstrable cost basis during dispute resolution in accordance with the contract. For Depot Access Bridge the change order were received in this month. On Carrick Knowe Bridge remainders on safety critical installation works were completed.</p>													
1.2.2	Project Cost												
<p>The main cost overrun is due to cost and resource increases mainly caused by:</p> <ul style="list-style-type: none"> - subcontracts (standby claims, additional works) - extension of time (staff, financial, running site) - consultants and design works - insurances and bonds - cost for legal fees <p>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.</p>													
1.2.3	Project Result												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">The monthly cumulative results adds up to</td> <td style="width: 10%; text-align: right;">-£54,414.00</td> <td style="width: 10%; text-align: center;">or</td> <td style="width: 20%; text-align: right;">-0.06%</td> </tr> <tr> <td>The forecast/planned result shows</td> <td style="text-align: right;">-£454,012.00</td> <td style="text-align: center;">or</td> <td style="text-align: right;">-0.26%</td> </tr> </table> <p>caused by the fluent situation of the project, i.e. no agreement on more than 200 changes, time extension and fundamental contractual disagreements, i.e. Value Engineering, Provisional Sums. Under the current circumstances and expecting additional revenue as shown in the R&O Sheet the project will result in a weighted margin of</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 10%; text-align: right;">£14,288.01</td> <td style="width: 10%; text-align: center;">or</td> <td style="width: 20%; text-align: right;">7.07%</td> </tr> </table> <p>To secure a low risk profile the contractual team has been strengthened to facilitate a positive outcome on the legal disputes.</p>		The monthly cumulative results adds up to	-£54,414.00	or	-0.06%	The forecast/planned result shows	-£454,012.00	or	-0.26%		£14,288.01	or	7.07%
The monthly cumulative results adds up to	-£54,414.00	or	-0.06%										
The forecast/planned result shows	-£454,012.00	or	-0.26%										
	£14,288.01	or	7.07%										
1.2.4	Payment Status												
<p>The payments from the client tie remain in time based on the agreed invoice application before the invoice submission.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Invoiced net to the client:</td> <td style="width: 10%; text-align: right;">£97,522,780.66</td> <td style="width: 30%;"></td> </tr> <tr> <td>Paid net from the client:</td> <td style="text-align: right;"><u>£88,451,144.17</u></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;"><i>Variance</i> £9,071,636.49</td> <td></td> </tr> </table> <p>The variance above incl. an amount of £7,312,505.03 for not certified but invoiced prelims and an amount of £1,759,131.46 certified construction works to be paid in November.</p>		Invoiced net to the client:	£97,522,780.66		Paid net from the client:	<u>£88,451,144.17</u>			<i>Variance</i> £9,071,636.49				
Invoiced net to the client:	£97,522,780.66												
Paid net from the client:	<u>£88,451,144.17</u>												
	<i>Variance</i> £9,071,636.49												
1.2.5	Cashflow												
<p>The ETN project cash flow turned negative within October.</p> <p>Furthermore the achievement of milestones in timely manner (monthly cut off dates) needs to be clarified with the client to allow or enable an optimized cashflow forecast.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Cash in net:</td> <td style="width: 10%; text-align: right;">£89,159,704.17</td> <td style="width: 30%; text-align: right;">(incl. interest income)</td> </tr> <tr> <td>Cash out net:</td> <td style="text-align: right;">£91,769,246.17</td> <td></td> </tr> <tr> <td>Cash balance net:</td> <td style="text-align: right;">-£2,609,542.00</td> <td style="text-align: right;">(internal balance)</td> </tr> </table>		Cash in net:	£89,159,704.17	(incl. interest income)	Cash out net:	£91,769,246.17		Cash balance net:	-£2,609,542.00	(internal balance)			
Cash in net:	£89,159,704.17	(incl. interest income)											
Cash out net:	£91,769,246.17												
Cash balance net:	-£2,609,542.00	(internal balance)											
1.2.6	Contingencies												
<p>The value for in the tender estimated contingencies is stable about:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 20%; text-align: right;">£5,019,788.00</td> <td style="width: 20%; text-align: right;">(see attachment 3.01)</td> </tr> </table>			£5,019,788.00	(see attachment 3.01)									
	£5,019,788.00	(see attachment 3.01)											
1.2.7	Construction Programme												
<p>The revised Contract Programme shows the agreed 7 1/2 weeks extension of time for EOT1 (up to 06 September 2011) plus the in November 2009 by tie confirmed initial entitlement of 9 months relief on LD's for EOT2A (up to 05 June 2012), in total 11 months.</p> <p>Rev 3A programme was submitted to tie indicating an entitlement for prolongation up to 20 November 2013 (in total 28 months). This programme was rejected by tie.</p> <p>MUDFA 2 programme was submitted to tie indicating an entitlement for prolongation on the MUDFA element only, with a base data date of 31 July 2010, up to 10 December 2012 (in total 15 months)</p>													

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 98.2% complete. In general earthworks, roads, track, structures and depot drawings are available. Drawings for substations and tramstops are being completed to support construction. Civil drawings, revised to incorporate Siemens design (trackform including vibration isolation, OLE foundations, substations) are largely complete. Drawings are being prioritised to support construction. 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. SDS is progressing the remaining design in accordance with the acceleration programme to achieve an completion of the design. The completion is further delayed due to missing close out of informatives and the constant unwillingness by the authorities (tie, CEC, BAA etc) to approve the submitted design.</p> <p><u>Procurement :</u> No new procurement under current circumstances ongoing.</p> <p><u>Construction :</u> Off-Street works have continued at Depot Building only. On-Street works ongoing at Lindsay Road and Tower Place Bridge. Works on Depot Access Bridge and Drainage Section 7 are continued in accordance with the Clause 80.15 instruction by tie / inbetween issued change order.</p>		
1.3.2	Significant extraordinary events		
	Date	Description	Remarks
1.3.3	Recent important agreements with the Employer or instructions having significant consequences		
	Date	Description	Remarks
	22/10/2010	IFC Drawing changes on Depot Access Bridge - Change Order received	DRP in favour BB
1.3.4	Status on Major Unapproved Claims / Variations / Changes		
	<p>745 changes notified to date (95 by tie and 650 by Infracore). 99 of these have been superseded by further changes or withdrawn. 85 of these have a delay only impact and will not require an estimate. Therefore there are 561 changes requiring estimates. 412 changes are submitted. Of this 175 changes were confirmed by tie for design&construction or design only. 237 changes are under review in tie. 149 estimates are to be submitted whereof 58 are awaiting design information. 4 estimates of that are proceeding currently through the internal consortium approval process.</p>		

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	05-Jun-12	325 days				
	0		Share: 100%	Total excl. Site Removal	38 month	49 month	128 %				
Currency:	GBP	Rp.	(all amounts without V.A.T.)	Expired construction time	29.5 month	29.5 month	61 %				
Rate of Exchange Top Sheet:	1 GBP =	1.25 EUR	Actual: 1.15 EUR	Performance to date	97,994,030 GBP		56 %				
2. Total Contract Value				Date of Contract		Total Previous Month	October 2010	Total Reporting Month			
Contract Value with Client (first evaluation)	141,508,815 (incl. SDS NovaAgree)										
Contract Value with Client (revised evaluation)	134,281,209 (incl. SDS NovaAgree)			100.00%	172,596,113	128.5%	1,622,871	174,218,984 129.7%			
Contract Value with 3rd Parties (without interest)					0	0.0%	0	0			
					172,596,113	128.5%	1,622,871	174,218,984 129.7%			
3a. Provisional Sums				Total Previous Month		October 2010	Total Reporting Month				
SDS Novation Agreement Provisional Sums					2,762,500	2.1%	81,923	2,844,423 2.1%			
Defined Provisional Sums					181,489	0.1%	0	181,489 0.1%			
Undefined Provisional Sums					719,647	0.5%	0	719,647 0.5%			
3b. Claims and Variations				Total Previous Month		October 2010	Total Reporting Month				
Claims and Variations approved (= Total VCs Approved - 3a. Provisional Sums)					34,651,268	25.8%	1,540,948	36,192,216 27.0%			
Claims and Variations submitted but not approved yet					72,673,207	54.1%	3,888,922	76,562,129 57.0%			
Claims and Variations under preparation					20,182,907	15.0%	-1,538,093	18,644,814 13.9%			
4a. Performance				Total Previous Month		October 2010	Total Reporting Month				
Performance for Actual Contract Value with Client					94,618,739	54.82%	3,375,291	97,994,030 56.25%			
Performance for 3rd Parties (without interest)					0	0.00%	0	0 0.00%			
Total Performance to Date					94,618,739	54.82%	3,375,291	97,994,030 56.25%			
Remaining Performance to Date					77,977,374	45.18%		76,224,954 43.75%			
Actual Planned Performance (Planned Performance per report date - Performance Last Month)					94,618,739	54.82%	3,300,000	97,918,739 56.20%			
4b. Cost				Total Previous Month		October 2010	Total Reporting Month				
Actual Cost at Reporting Date					94,705,671	54.87%	3,342,773	98,048,444 56.28%			
5. Result				Date of Contract		Total Previous Month	October 2010	Total Reporting Month			
Planned Result for Contract with Client (first evaluation)	15,670,750 11.07%										
Planned Result for Contract with Client (revised evaluation)	8,443,144 6.29%				11,184,228	6.48%	105,162	11,289,390 6.48%			
Actual Result at Reporting Date					-86,932	0.09%	32,518	-54,414 -0.06%			
Forecast Result at the End of Contract					-422,312	-0.24%	-31,700	-454,012 -0.26%			
Weighted Result at the End of Contract (Likely Case)					14,171,927	7.08%	188,014,077	202,186,004 100.00%			
6. Invoices, Payment and Bank account				Total Previous Month		October 2010	Total Reporting Month				
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%		110,091,750	63.79%	2,131,595	112,223,345 64.42%			
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%		95,275,664	55.20%	2,247,117	97,522,781 55.98%			
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%		85,847,793	49.74%	2,603,351	88,451,144 50.77%			
Cash in from 3rd Parties - excl. VAT					0	0.00%	0	0 0.00%			
Interest income					707,000	0.75%	1,560	708,560 0.72%			
Cash out (excl. VAT)					85,372,793	49.46%	6,396,453	91,769,246 52.67%			
Net Liquidity	creditle	0	0%		1,182,000	0.68%	-3,791,542	-2,609,542 -1.50%			
7. Subcontractor Work (incl. Design)				Total Previous Month		October 2010	Total Reporting Month				
Total Portion of Subcontractor Budget	60,353,024 (incl. SDS) 44.95%				116,378,288	67.43%	1,239,313	117,617,601 67.51%			
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				Actual / Forecast					Yearly Forecast		
Original planned									Performance and Result in 2008		
									Performance		
2008 2009 2010 2011				2008 2009 2010 2011 2012					Result		
Jan	1,706	2,786	2,346		584	2,632	2,510	2,969	12,940,002	7.4%	
Feb	2,526	4,026	2,026		1,739	4,077	2,510	2,969	2	0.00%	
Mrz	3,526	5,026	2,526		1,579	5,170	2,510	2,969	Performance and Result in 2009		
Apr	4,526	5,276	2,526		3,035	5,755	3,798	2,969	Performance	37,733,662 21.7%	
Mai	855	5,776	6,026	2,526	500	2,268	4,337	3,798	2,969	Result	-2 0.00%
Jun	1,355	5,776	6,526	1,026	1,052	2,049	5,492	3,798	2,969	Performance and Result in 2010	
Jul	2,375	5,776	6,526	1,026	1,331	1,531	5,112	3,798	2,969	Performance	52,220,366 30.0%
Aug	2,855	6,026	6,526		1,465	6,312	5,779	3,798	2,969	Result	0 0.00%
Sep	3,055	4,626	6,526		1,047	3,783	5,590	3,798	2,969	Performance and Result in 2011	
Ok1	2,855	4,026	6,526		3,340	3,931	3,375	3,798	2,892	Performance	41,712,000 23.9%
Nov	1,535	2,526	5,026		1,725	7,288	2,600	3,798		Result	0 0.00%
Dez	1,446	1,866	1,706		2,481	3,635	2,300	3,798		Performance and Result in 2012	
Total	16,334	48,678	62,498	13,999		12,940	37,734	52,220	41,712	29,613,000	17.0%
Linear Calculation				total: 174,219					Result		-454,012 -1.53%
									Total Performance and Result		
									Performance		174,219,030 100.0%
									Result		-454,012 -0.26%
Edinburgh, 18/11/2010				Edinburgh, 18/11/2010							
Place and Date	M Foerder, Project Director			Place and Date	C Ge...			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	174,219	174,219	174,219	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-174,673	-174,673	-174,673
2	Unapproved, but in Job Site Estimate integrated Changes	9,085	3,042	2,654	2	Unapproved, but in Job Site Estimate integrated Changes			
3	Total unapproved Changes	9,085	3,042	2,654	3	Total unapproved Changes	0	0	0
4.2					4.2	EOT3A - Cost	-13,225	-14,225	-16,225
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				
4.16					4.16				
4.17					4.17				
4.18					4.18				
4.19					4.19				
4.20					4.20				
Σ 4.1 : 4.20	Risks not included in JSE	0	0	0	Σ 4.1 : 4.20	Risks not included in JSE	-13,225	-14,225	-16,225
5.1	Back Flow of Value Engineering	3,425	2,925	0	5.1	Uninsured Economic Losses	2,200	1,000	0
5.2	Change Order EOT2b	7,553	6,600	3,300	5.2	Interest Income	0	0	0
5.3	Change Order EOT3A	17,624	15,400	7,700	5.3				
5.4					5.4				
5.5					5.5				
5.6					5.6				
5.7					5.7				
5.8					5.8				
5.9					5.9				
5.10					5.10				
5.11					5.11				
5.12					5.12				
5.13					5.13				
5.14					5.14				
5.15					5.15				
5.16					5.16				
5.17					5.17				
5.18					5.18				
5.19					5.19				
5.20					5.20				
Σ 5.1 : 5.20	Chances	28,602	24,925	11,000	Σ 5.1 : 5.20	Chances	2,200	1,000	0
6 =1+3+4+5	Forecast Final Revenue	211,906	202,186	187,873	6 =1+3+4+5	Forecast Final Costs	-185,698	-187,898	-190,898

		best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	211,906		
	Costs	-185,698		
	Result	26,208		
% Gross Margin based on Revenue Best Case		Revenue: 211,906	12.37%	
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		202,186	
	Costs		-187,898	
	Result		14,288	
% Gross Margin based on Revenue Likely Case		Revenue: 202,186	7.07%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			187,873
	Costs			-190,898
	Result			-3,025
% Gross Margin based on Revenue Worst Case		Revenue: 187,873		-1.61%
Gross Margin previous month (most likely case)		11.95%	7.08%	-1.79%

Project: GB-2006-1001AK28 Edinburgh Tram 2010_10
Reporting Month: 28. R-P. 10/2010, 31/10/2010

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

Table with columns: WORK / COST CODES, TO DATE, CURRENT MONTH, BUDGET CONTRACT AND EXECUTION, FORECAST FINAL. Rows include various sections like Section 1 - Site Cost, Section 1A1+1A2 - T&A, SECTION 1 - Overall, etc., with numerical values for cost, budget, and forecast.

without Allocation -129,127 -26,711 -155,838 -94 -94 -15,004 -15,004

Project: GB-2006-1001AK28 Edinburgh Tram 2010_10
Reporting Month: 28. R.-P. 10/2010, 31/10/2010

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	Variance to Date	Actual Cost with Accruals	Actual Allowable	Variance	Budget Original W Qty.	Budget Orig. Contr. with A Qty.	Budget Agreed VO's A Qty.	Budget unappr. VO's A Qty.	Budget Total A Qty.	Revised DJC A Qty.	% Complete	Cost to Complete	Forecast Final Cost	Forecast Final Variance	Projected Variance
Total Cost incl. Prime Cost Sums		90,747,504	7,300,940	98,048,444	71,526,931	2,617,125	-23,904,388	98,249,478	201,034	3,342,777	2,209,670	-1,133,103	125,838,065	125,838,065	37,089,335	2,816,511	165,743,917	174,672,995	56.2 %	76,423,517	174,471,961	-8,728,044	-42,534,400
Prime Cost Sums 0 / 0																							
Total Cost without Prime Cost Sums		90,747,504	7,300,940	98,048,444	71,526,931	2,617,125	-23,904,388	98,249,478	201,034				125,838,065	125,838,065	37,089,335	2,816,511	165,743,917	174,672,995		76,423,517	174,471,961		


REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 0.9974, PFB = 1.0693)

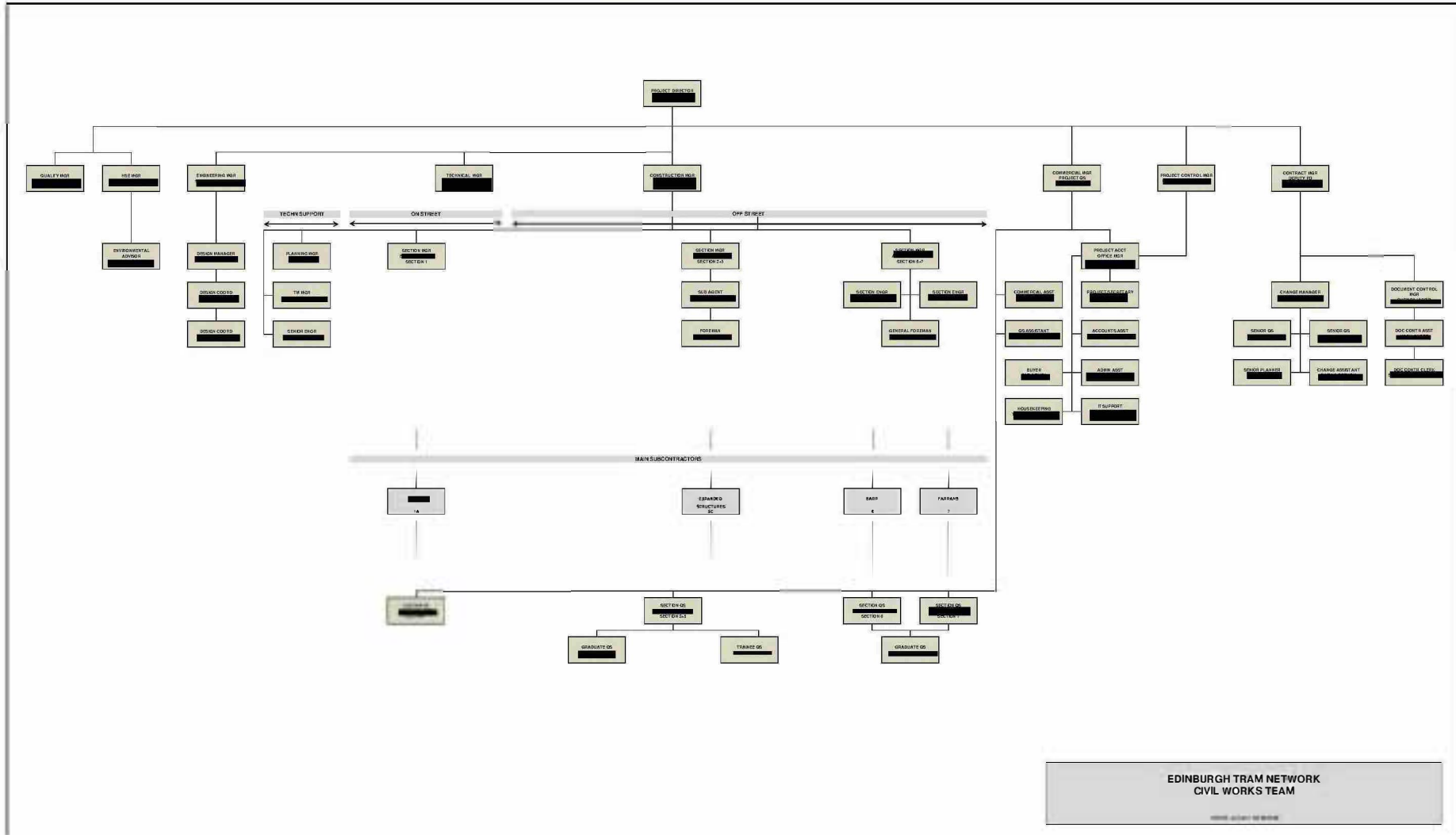
Total Cost without Prime Cost Sums	98,048,444	71,526,931	98,249,478	125,838,065	125,838,065	37,089,335	2,816,511	162,927,400	174,672,995	174,471,961
Gross Margin		4,956,316	-255,449	15,670,750	8,443,144	2,848,439.00	11,201,583	-454,012		-352,978
Gross Margin in % of Performance		6.48 %	-0.26 %	11.07 %	6.29 %	7.13 %	6.48 %	-0.26 %		-0.15 %
Performance without Prime Cost Sums		76,483.74	97,994,029	141,508,815	131,281,209	39,937,774		174,218,983	174,218,983	174,218,983
Actual Cost to date	98,048,444		98,048,444							
Gross Margin to date		-21,564,697	-54,415							
Gross Margin to date in % of Performance		-28.20 %	-0.06 %							
Performance Prime Cost Sums										
Total Performance		76,483,747	97,994,029	141,508,815	131,281,209	39,937,774		174,218,983	174,218,983	174,218,983
Revenue according WBS										

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0148, PFB = 1.0695)

Total Cost without Prime Cost Sums	74,144,056	98,249,478	125,838,065	125,838,065	37,089,335	2,816,511	165,743,917	174,672,995	174,471,961
Gross Margin	5,153,012	1,454,092	15,670,750	8,443,144	2,848,439.00	11,201,583	2,588,007		2,789,041
Gross Margin in % of Performance	6.94 %	1.48 %	11.07 %	6.50 %	7.13 %	6.50 %	1.46 %		1.57 %
Valued Performance without Prime Cost Sums	79,297,068	99,703,570	141,508,815	134,281,209	39,937,774	3,042,019	177,261,002	177,261,002	177,261,002
Actual Cost to date	98,048,444	98,048,444							
Gross Margin to date		-18,751,376.00	1,655,126						
Gross Margin to date in % of Performance		-23.65 %	1.66 %						
Performance Prime Cost Sums (incl. valued performance)									
Total Performance (incl. valued performance)		79,297,068	99,703,570	141,508,815	134,281,209	39,937,774	3,042,019	177,261,002	177,261,002
Revenue according WBS (VO's valued)									
Revenue according WBS (VO's valued by 100%)									

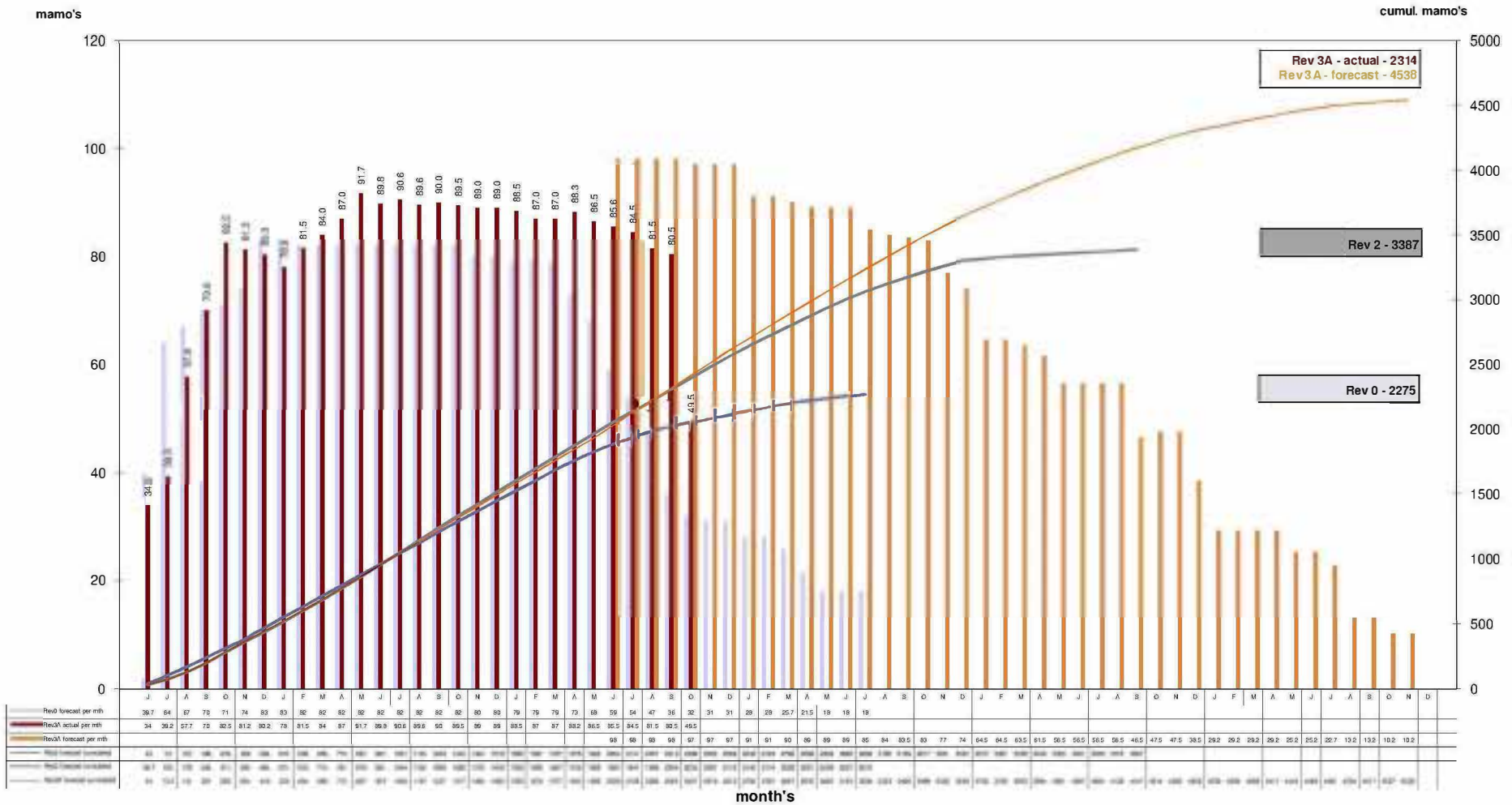
	Project: Edinburgh Tram Network as per: 31/10/2010	
2.01 Cost Reconciliation Sheet		
see following pages		

2.05 Organisation Chart



2.06 Staff Chart

Staff mammo performance Edinburgh Tram



Project: **Edinburgh Tram Network**
 as per: **31/10/2010**



2.08a Approved Change Orders

							Job Estimate Budgets			Job Estimate Costs			
INTC	TCO	DRP	PS	Section	Activity	QS	Description	Date of Approval	Revenue	OH&P / Margin	Margin in %	Stage of Completion	Remarks
										5=1-2-3-4	6=5/1		
SDS NA	SDS NA			SDS	66		SDS Novation Agreement Provisional Sums	31/10/10	2,844,423.00			100.00%	
PSSA	PSSA	DRP		10/D	96	SSm	Works carried out under Supplemental Agreement concerning Princes Street	20/03/09	12,780,161.05	921,710.14	7.21%	100.00%	
019				Graham	61	GAn	Archaeological Survey to the Caley Ale House	19/09/08	5,976.61	443.04	7.41%	100.00%	
021				Graham	61	GAn	Asbestos in the Caledonian Ale House	19/09/08	6,053.64	448.75	7.41%	100.00%	
053				5C	54/57	GAn	TNC004-Utilities diversions & associated works	10/10/08	39,217.68	2,859.29	7.29%	60.00%	
087				BSC	64/65		Duct Installation at Leith Walk	22/01/09	344.00	25.50	7.41%	100.00%	
059				Graham	61	GAn	Notified Departure in acc. With Schedule 4 due to tie-Asbestos Survey	30/10/08	29,947.80	2,220.00	7.41%	100.00%	
051				5A	61	GAn	TNC002-Utilities diversions & associated works	03/12/08	75,488.50	5,494.47	7.28%	48.00%	
052				5B	54	GAn	TNC003-Utilities diversions & associated works	03/12/08	88,027.17	6,407.13	7.28%	8.00%	
166				1A	31	SKy	Demolition of existing garage and fuel tanks on Ocean Drive.	03/12/08	19,560.50	1,450.00	7.41%	90.00%	
176				Farrans	62	OHu	Temporary Ramps (2 no.) at Gogar Church Road Construct Car Park	18/12/08	7,725.08	562.27	7.28%	100.00%	
237	10		UPS	Graham	61	GAn	Move site boundary fencing at Haymarket Car Park	17/12/08	987.96	71.91	7.28%	100.00%	
272	11			5B	54	GAn	Starter Layer below Subsoil Level at Carrick Knowe	17/12/08	96,557.69	7,028.00	7.28%	100.00%	
023	12			Graham	61	GAn	Demolition of Access Steps to Haymarket Station Carpark	23/01/09	2,360.75	217.96	9.23%	100.00%	
192	14		LPS	1B	40	SKy	Discovery of Cable & Wireless ducts - Chainage 108	22/01/09	187.35	13.64	7.28%	100.00%	
048	15			SDS	66		Additional TRO Drawings as SDS-Letter dated 4th July 2008	22/01/09	3,550.18	302.40	8.52%	100.00%	
168	16			1A	31	SKy	Demolition of existing building at 33 Ocean Drive.	02/03/09	6,745.00	511.26	7.58%	nil	
007	17			BSC	65		Hard standing at Haymarket Yards.	29/01/09	1,011.75	75.00	7.41%	100.00%	
084	18			SDSBSC	65/66		TNC005-Burnside road Diversion - Fees for design (INF_CORR.005)	09/02/09	720.00	61.33	8.52%	100.00%	
271	19			SDS	66		Road Construction Details - Construction Methodology Statements for	13/02/09	372,540.13	31,732.55	8.52%	36.62%	
269	20			SDS	66		Instructions arising from Trackform Development Workshop	13/02/09	371,057.96	31,606.30	8.52%	87.00%	
274	21			TM	21	SKy	Princes Street Construction Works-closure to traffic during construction	13/02/09	7,522.40	557.63	7.41%	nil	
159	23		DPS				Removal of Provisional Sum Main Contract - Relocation Ancient Monuments	12/03/09				nil	
141	24			SDS	66		West End Transtop - revised requirements from CEC/ie.	09/04/09	16,636.17	1,417.05	8.52%	100.00%	
266	25			Depot	63	OHu	Monthly Track Monitoring Network Rail East Coast North Line / Gogar Depot	27/03/09	5,369.02	398.00	7.41%	nil	
173	26			Graham	61	GAn	Discovery of underground petrol tank at National Car Rental Site.	07/04/09	5,530.90	410.00	7.41%	100.00%	
075	27			Farrans	62	OHu	Temporary Access Ramp from Depot	27/03/09	16,303.71	1,072.59	6.58%	100.00%	
187	28			Depot	63	OHu	Additional excavated material at Depot	02/04/09	1,660,654.40	102,327.27	6.16%	100.00%	
295	30.1		LPS	Farrans	62	OHu	Scottish Gas Networks - Trial Investigations to protect gas main at Culvert 2	29/04/09	16,430.30	1,198.36	7.29%	100.00%	
364	30.2			BSC	64/65		New Manhole (MH1) at Balbirnie Place	12/02/10	1,498.23	126.81	8.46%	100.00%	
216	31		UPS	1B	40	SKy	Discovery of alkathene water pipe above formation level - Chainage 265 RHS	29/04/09	618.86	45.88	7.41%	100.00%	
218	32		UPS	1B	40	SKy	Discovery of 2 No. LV and 1 No. LV cables above formation level - 182 RHS.	29/04/09	295.47	22.74	7.70%	100.00%	
220	33		UPS	1B	40	SKy	Discovery of Water connection pipework above formation level - 161 RHS	29/04/09	91.81	6.81	7.41%	100.00%	
223	34		UPS	1B	40	SKy	Discovery of stone culvert - Chainage 100 RHS	29/04/09	1,169.22	86.60	7.41%	100.00%	
225	35			1B	48	SKy	Repairs required to footpath to allow pedestrian access - Chainage 170 RHS	29/04/09	329.17	23.96	7.28%	100.00%	
260	36			1B	40	SKy	Relocate existing Control Box - Section 1B	29/04/09	1,274.98	94.51	7.41%	100.00%	
293	37			Farrans	62	OHu	Gogar Castle Road tree felling	29/04/09	1,335.51	99.00	7.41%	100.00%	
294	38			Farrans	62	OHu	Reinstate access ramp at Gogar Depot	29/04/09	9,798.94	713.22	7.28%	100.00%	
296	39			Farrans	62	OHu	Formation Level of Gogarburn Bridge West Abutment	29/04/09	13,439.93	978.23	7.28%	100.00%	
297	40			Farrans	62	OHu	Formation Level of Gogarburn Bridge East Abutment	29/04/09	8,466.21	616.42	7.28%	100.00%	
327	41		UPS	1B	40	SKy	Dye test and camera survey at Chainage 170 RHS	29/04/09	711.82	52.77	7.41%	100.00%	

Project: **Edinburgh Tram Network**
 as per: **31/10/2010**



2.08a Approved Change Orders

INTC	TCO	DRP	PS	Section	Activity	QS	Description	Date of Approval	Job Estimate Budgets			Job Estimate Costs	Remarks
									Revenue	OH&P / Margin	Margin in %	Stage of Completion	
									5=1-2-3-4	6=5/1			
328	42		LPS	1B	40	Sky	Reinstate slabbed footway following MUDFA works	29/04/09	1,386.54	102.78	7.41%	100.00%	
003	43		LPS	Consultant	71		Instruction to proceed with road surveys.	02/06/2009	89,050.01	6,601.19	7.41%	100.00%	
257	44			SDS	66		Feasibility Study (Design Only) Forth Ports access to ADM Milling	29/04/09	1,624.87	138.40	8.52%	100.00%	
195	45		LPS	1B	40	Sky	Discovery of temporary pedestrian crossing lighting ducts	29/04/09	910.16	67.09	7.37%	100.00%	
193	46		LPS	1B	40	Sky	Discovery of Hydrant in kerb line - Chainage 333 RHS	29/04/09	449.22	33.30	7.41%	100.00%	
184	47		LPS	1B	40	Sky	Discovery of void around existing BT Duct - Chainage 360 RHS	29/04/09	192.31	14.26	7.41%	100.00%	
169	48			1C	44	SSm	Demolition of Police Box/Coffee Bar - Picardy Place	29/04/09	10,615.92	786.95	7.41%	nil	
330	49		LPS	1B	40	Sky	Install additional gully Chainage 250 RHS	08/05/09	2,170.14	157.96	7.28%	100.00%	
157	50			Farrans	62	OHu	Survey of Existing Drainage (Gogar Landfill)	01/05/09	4,027.46	293.13	7.28%	100.00%	
324	51		LPS	5C	57	GAn	AB Underpass Phase 1 Piling Obstructions	01/05/09	4,613.58	342.00	7.41%	100.00%	
340	52			5C	56	GAn	Edinburgh Park Bridge South Abutment Base - Existing service (cable)	01/05/09	609.65	45.21	7.42%	100.00%	
390	53			5B	54	GAn	Carrick Knowe chainage 520200 to 520240 - sub-grade improvement	15/05/09	98,501.39	7,169.47	7.28%	100.00%	
360	54		LPS	SDS	66		Alteration of Design at Forth Ports Road 8	15/05/09	11,932.54	1,016.40	8.52%	100.00%	
361	55		LPS	5A	61	GAn	Scottish Power Utility Diversion near Murrayfield Station	05/06/09	8,689.80	768.86	8.85%	nil	
167	56		LPS	5A	61	GAn	Accommodation Works to Wanderers Clubhouse Building at Murrayfield	26/05/09	191,060.84	14,163.14	7.41%	70.00%	
338	57			1B	40	Sky	Remove ornamental iron balls from Groat Hill Depot	03/06/09	406.26	30.12	7.42%	nil	
042	58			SDS	66		Delay and Disruption to Ravensloft Tramstop Landscaping	01/06/09	2,409.05	205.20	8.52%	100.00%	
392	59			5B	56	GAn	Pier 1 Base Formation - Section 5B	03/06/09	561.45	40.87	7.28%	100.00%	
336	60			BSC	64		Extension to Site Office for tie/SDS personnel	02/06/09	150,000.00	0.00	0.00%	nil	
349	61			TM	21	Sky	Traffic Management contingency for Emergency Utility Works	02/06/09	404.70	30.00	7.41%	nil	
385	62			1C/D	21	Sky	Section 1C/D - Additional MASS barriers on Great Stuart Street	02/06/09	915.27	67.85	7.41%	100.00%	
074	63			BSC	64/65		Sewer Diversion, Gogar Landfill	08/06/09	1,433.79	121.36	8.46%	100.00%	
350	64			7A	62	OHu	Protected Species mitigation measures	05/06/09	9,262.22	686.22	7.41%	100.00%	
273	65			SDS/BSC	64/65/66		Gogarburn Retaining Wall W14 - Re-design Water Mains and Gas Main	07/07/09	1,156.57	98.14	8.49%	100.00%	
222	66		LPS	1B	40	Sky	Discovery of valves and a hydrant fouling the new kerb line - 120 RHS	10/06/09	617.61	45.78	7.41%	100.00%	
238	67			TM	21	Sky	Temporary Traffic Lights opposite Manderson Street required	04/09/09	15,084.79	1,118.21	7.41%	100.00%	
243	68			SDS	66		Forth Ports Substation - lack of as-built information	10/06/09	7,824.12	666.45	8.52%	100.00%	
352	69			1C/D	21	Sky	Off-peak Taxi Rank at George Street	10/06/09	2,213.71	164.10	7.41%	100.00%	
409	70			SDS	66		Forth Ports - New construction at Ocean Drive	10/06/09	2,817.60	240.00	8.52%	100.00%	
259	72			SDS-5B	54/66	GAn	Cycleway at Edinburgh Park Station repositioned outwith the LOD	15/06/09	52,094.65	3,922.97	7.53%	100.00%	
171	73			Consultant	71	Sky	Contract with Faber Maunsell for Transit and Linsig Modelling Assessments.	16/06/09	64,809.00	4,803.30	7.41%	100.00%	
373	74		LPS	7A	62	OHu	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/TE/D/05	17/06/09	3,269.16	237.95	7.28%	nil	
371	75		LPS	7A	62	OHu	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/BT/D/05	17/06/09	855.81	62.29	7.28%	nil	
307	76			Graham	61	GAn	Contaminated Soil assessment at Haymarket Depot	11/06/2008/09	54,986.59	4,076.10	7.41%	100.00%	
439	77			SDS	66		SDS' proposed office move to Edinburgh Park - IT costs	07/07/09	28,000.00	2,075.61	7.41%	61.00%	
203b	78			Depot	63	OHu	Structural Steelwork	15/07/09	270,372.81	19,679.22	7.28%	100.00%	
203a	79			Depot	63	OHu	Foundations	15/07/09	47,782.16	3,477.85	7.28%	100.00%	
449	80			5B		GAn	Reinstatement of Bus Link	23/07/09				100.00%	CO Value not issued - to be paid on Demonstrable Cost Basis
419	82			TM-1C	21/43	Sky	Replace MASS barriers at St Andrews Square	14/08/09	22,896.58	1,697.31	7.41%	100.00%	
279	84.1			SDS	66		West Pilton Tram stop	29/07/09	859.37	73.20	8.52%	100.00%	
413	84.2		LPS	7A	62	OHu	Provide local protection of sewer at Chainage 711990	31/07/09	2,696.95	199.93	7.41%	100.00%	
179	85		LPS	SDS	66		Gatehouse Works to Murrayfield Stadium Part 1	05/08/09	108,664.00	9,255.87	8.52%	100.00%	

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2.08a Approved Change Orders

INTC	TCO	DRP	PS	Section	Activity	QS	Description	Date of Approval	Job Estimate Budgets			Job Estimate Costs	Remarks
									Revenue	OH&P / Margin	Margin in %	Stage of Completion	
									5=1-2-3-4	6=5/1			
179	86		UPS	SDS	66		Gatehouse Works to Murrayfield Stadium Part 2	10/08/09	34,830.00	2,966.78	8.52%	100.00%	
159A	087			BSC	64/65		Provisional Sum Main Contract - Relocation Ancient Monuments Abortive Costs	25/01/10	3,992.60	337.96	8.46%	nil	
234	89		UPS	1B	40	SKy	Leith Walk (Section 1B) Groundworks - Move THUS ducts - Ch 345 - 365	11/09/09	6,562.03	486.43	7.41%	100.00%	
202	90			Farrans	62	OHu	IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	12/08/09	13,368.47	973.02	7.28%	100.00%	
472	91			SDS	66		Developed kinematic envelope (DKE) check	08/02/10	15,118.77	1,287.80	8.52%	100.00%	
401	92			7A	62	OHu	Additional earthworks to western approach embankment at Gogarburn Bridge	13/08/09	36,616.19	2,665.13	7.28%	100.00%	
203g	93			Depot	63	OHu	Secondary Steelwork	17/08/09	2,355.95	171.48	7.28%	100.00%	
334	94			7A	62	OHu	Access at New Ingliston	20/08/09	5,827.59	428.29	7.35%	100.00%	
118	96			BSC	64/65		IFC Drawing Change Cathedral Lane Sub Station	31/08/09	1,229.73	104.09	8.46%	nil	
407	97			Depot	63	OHu	Hard material within Gogar excavation	02/09/09	35,806.89	2,605.21	7.28%	nil	
091	98			5B	56	GAn	Reference ETN002 Edinburgh Park Structure (S27) Earthworks/Foundations.	04/09/09	52,388.71	3,775.08	7.21%	100.00%	
337	99			TM-1B	21/40/71	SKy	Testing to carriageway at Leith Walk	04/09/09	15,452.46	1,145.48	7.41%	100.00%	
437	102			5B	58	GAn	Carrick Knowe works outwith the LOD	23/11/09	4,323.55	320.50	7.41%	nil	
304	104		DPS	1C/D	96	SSm	Provisional Sum for Extra Over for Shell Grip at Junctions	12/10/09	156,259.21	11,378.52	7.28%	nil	Instruction of ProvSum - Current Value just partially
475	105.1		UPS	5B	57	GAn	A8 Underpass - BT works - Slew 2 way and 4 way ducts	09/10/09	94,954.28	7,344.38	7.73%	100.00%	
486	105.2			SDS	66		TRO Changes September 2009		3,430.43	292.20	8.52%	100.00%	
362	106			5B	56	GAn	Edinburgh Park Bridge - Approach Ramps additional earthworks	09/10/09	185,000.00	13,465.31	7.28%	100.00%	
414	107			Graham-3A	21/61	SKy/GAn	Sample soil nailing to embankments between Russell Road & Water of Leith	09/10/09	44,718.35	3,314.92	7.41%	100.00%	
431	108			5B	57	GAn	Slew existing BT duct at A8 underpass	13/10/09	22,846.79	1,693.49	7.41%	100.00%	
125	109			SDS-4A	61/66	GAn	Unforeseen Ground Conditions at Haymarket Viaduct	22/10/09	94,317.38	6,864.77	7.28%	100.00%	
191	110		UPS	1B	48	SKy	Discovery of concrete encased lighting cable - Chainage 339 RHS	28/10/09	179.57	12.92	7.19%	100.00%	
242	111			SDS	66		TRO Presentations by SDS to the public during September 2008	04/11/09	23,480.00	2,000.00	8.52%	100.00%	
077	112			SDS-4A	62/66	OHu	DESIGN ONLY to Amend line of route design section 5#c (Batch 5/22)	13/11/09	5,368.54	425.19	7.92%	100.00%	
370	113			5B	56	GAn	Existing Ground levels at Edinburgh Park Bridge	23/11/09	61,851.30	4,721.44	7.63%	100.00%	
203j	114			Depot	63	OHu	BDDI to IFC changes to depot access road	13/11/09	78,674.86	5,726.39	7.28%	100.00%	
112	115	DRP		Graham	61	GAn	IFC Drawing Change Haymarket Viaduct	04/11/09	96,173.00	7,000.00	7.28%	23.00%	Settlement reached during Internal DRP
001A-D	116	DRP		EOT1	64/65/67		IFC dates entered into the Schedule Part 15 (Sect 1A 1D)	04/11/09	2,225,000.00	202,272.73	9.09%	100.00%	Settlement reached in Mediation
315	117	DRP		Farrans	62	OHu	IFC Drawing Changes - Drainage - Gogarburn to Airport	10/02/10				70.00%	CO Value not issued - referred to Dispute Resolution Procedure
428	121			BSC	64/65		Alteration of Drainage at Eastfield Avenue to avoid a clash with Utilities	13/11/09	1,064.74	90.36	8.49%	nil	
309	123			5B	56	GAn	Edinburgh Park Bridge (S27) - South Abutment Base Formation	25/11/09	9,494.75	717.46	7.56%	100.00%	
085	125			1A-1	31	SKy	TN0005 - Lindsay Road Retaining Wall Cost Estimate	15/01/10	484,065.00	35,232.97	7.28%	72.00%	
369	126			5C	57/71	GAn	Maintain Thus and C & W services and dismantle water main at A8 Underpass	17/12/09	20,324.64	1,478.86	7.28%	42.00%	
155A	127			7A	62	OHu	IFC Drawing changes Gogarburn RTWs 14A,15A, 15B, 15C	22/12/09	141,188.61	10,276.36	7.28%	100.00%	
282	128			Graham	61	GAn	Request for instruction to deal with Japanese Knotweed - Retaining Wall W4	22/01/10	24,282.78	1,800.06	7.41%	100.00%	
436	129			TM	21	SKy	Lothian Road pedestrian disruption	25/01/10	8,640.25	640.50	7.41%	100.00%	
434	130			TM	21	SKy	George Street Emergency road closure	25/01/10	1,516.30	112.40	7.41%	100.00%	
076	131			BSC	65		Gogar Depot Public Tramstop proposals GRIP options 4B & 4C2	13/01/10	50,000.00	4,258.94	8.52%	nil	
146a	132	DRP		Graham	61	GAn	IFC Drawing Change Russell Road RTWs Wall 4	18/02/10	1,461,857.21	108,365.99	7.41%	44.00%	Settlement reached after DRP
151	133.1			BSC	64/65		Excavate and replace existing BO material with existing utility trenches.	22/01/10	1,065.68	90.20	8.46%	nil	
268	133.2			5C	57	GAn	Carry out Scottish Power Diversion at Gogar Roundabout	01/02/10	70,163.35	5,185.76	7.39%	nil	
367	134			Graham	61	GAn	Haymarket Station - Network Rail Access Doorway	08/02/10	2,814.69	208.65	7.41%	100.00%	
474	135			5B	54	GAn	Additional manhole requirement - Section 5B	08/02/10	7,085.74	515.74	7.28%	100.00%	

Project: **Edinburgh Tram Network**
 as per: **31/10/2010**



2.08a Approved Change Orders

INTC	TCO	DRP	PS	Section	Activity	QS	Description	Date of Approval	Job Estimate Budgets			Job Estimate Costs	Remarks
									Revenue	OH&P / Margin	Margin in %	Stage of Completion	
									5=1-2-3-4	6=5/1			
502	136			5B	58	GAn	Additional excavation at Carrick Knowe North Abutment	08/02/10	390.94	28.45	7.28%	100.00%	
088A	137		DPS	Depot	63	OHu	Power Supply Ducts Section 6	15/02/10	13,297.26	967.85	7.28%	nil	
105	138	DRP		5B	58	GAn	IFC Drawing Change Balgreen Road Retaining Wall	15/02/10	298,574.21	21,731.79	7.28%	nil	Settlement reached during internal DRP
517	139			Graham	61	GAn	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	22/02/10	20,005.56	1,482.99	7.41%	100.00%	
203p	140			Depot	63	OHu	IFC issue drawings for alteration to Scottish Water valves - MUDFA works	31/03/10	5,365.65	397.75	7.41%	nil	
399	141			7A	62	OHu	Addition of starter and capping layers in Section 7A	04/03/10	1,139,305.68	82,924.93	7.28%	99.00%	Estimate provisional
402	142			5B	54	GAn	Addition of starter and capping layers in Section 5B	03/03/10	1,048,164.38	74,301.93	7.09%	13.00%	
403	143			5C	54	GAn	Addition of starter and capping layers in Section 5C	03/03/10	930,159.34	67,703.20	7.28%	nil	
139	144			SDS	66		Revised location of OLE poles in Section 1A at the request of CEC.	04/06/10	4,575.43	389.73	8.52%	100.00%	
060	146			SDS	62/66	OHu	Diversion of Existing Sewer at Gogarburn Bridge - conflict with the 300 mm dia	07/07/10	36,292.28	2,677.87	7.38%	100.00%	
473	147			1A	31	Sky	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	02/04/10	31,635.17	2,302.72	7.28%	nil	
473	147A			1A	31	Sky	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	01/09/10	-31,635.17	-2,302.72	-7.28%	nil	
267a	149			5C	57	GAn	Carry out Scottish Water Diversion at Gogar Roundabout	07/05/10	83,295.35	6,174.60	7.41%	nil	
053a	150			5C	54	GAn	TNCO04: Utilities diversions & associated works - Water main diversion only	31/03/10	112,879.89	8,367.66	7.41%	nil	
479	153			5A	58	GAn	Proposed sewer lining at Water of Leith Bridge	04/06/10	59,708.68	4,426.14		nil	
448	155			SDS-BSC	64/65/66		Change to street lighting at Haymarket Terrace	07/05/10	1,154.69	97.98	8.49%		
196	157			SDS-BSC	64/65/66		Little King Street works required by CEC outside the Limits of Deviation	18/05/10	2,487.75	211.13	8.49%	100.00%	
52a	158			5B	54	GAn	TNCO03-Utilities diversions & associated works	30/07/10	-55,923.74	-4,024.99	7.20%	100.00%	
430	159			Graham	61	GAn	Additional white lining at Haymarket Station Car Park	26/05/10	3,930.65	291.38	7.41%	100.00%	
088B	160			7A	62	OHu	Power Supply Ducts - Ingliston Park And ride Tram Stop	26/05/10	2,309.60	168.12	7.28%	nil	
104	161.1	DRP		5A	58	GAn	IFC Drawing Change Baird Drive RTW	26/05/10	915,462.16	66,632.38	7.28%	nil	settlement reached after DRP
146b	161.2			Graham	61	GAn	IFC Drawing Change Russell Road RTWs Wall 3	26/05/10	370,000.00	26,930.64	7.28%	nil	
115	162	DRP		5B	58	GAn	IFC Drawing Change Carrickknowe Bridge	26/05/10	138,265.23	10,063.69	7.28%	60.00%	settlement reached after DRP
543	164			TM	21		Transyt and Linsig modelling - Aecom	20/08/10	60,382.00	4,476.06	7.41%	nil	
230	165	DRP		1A	31	Sky	IFC Drawing Changes - Tower Bridge Structure	18/06/10	-260,973.48	-18,995.09		62.00%	settlement reached after DRP
155B	166			7A	62	OHu	IFC Drawing changes Gogarburn RTWs 14B & 15D	18/06/10	12,464.28	907.22		100.00%	
111	167	DRP		Farrans	62	OHu	IFC Drawing Change Gogarburn Bridge	21/06/10	176,195.40	12,948.61		100.00%	settlement reached after DRP
113	168			Graham	61	GAn	IFC Drawing Change Russell Road Bridge	16/06/10	60,174.06	4,379.80		nil	
551a	169			Graham	61	GAn	Removal and disposal of contaminated soil at Russell Road Retaining Wall	29/07/10	397,000.00	29,429.21	7.41%	100.00%	
492	170			Graham		GAn	IFC drawing changes - Haymarket Car Park	18/08/10	40,000.00	2,965.16	7.41%	100.00%	
281	172			1C	66	Sky	Revised proposals for Cathedral Lane Sub-station	13/10/10	2,063.97	175.81	8.52%	1.00%	
517a	173			Graham	61	GAn	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	27/08/10	16,738.62	1,240.82	7.41%	100.00%	
289	174			1A	66		Cycleway change at Hawthornvale - Section 1A4	08/10/10	6,199.68	528.08	8.52%	100.00%	
292	175			1A	31/66	Sky	Additional Ramp / Steps at Lindsay Road Retaining Wall - Section 1A4	08/10/10	2,168.28	165.66	7.64%	100.00%	
499	179			SDS	66		Frederick Street pedestrian crossing	30/09/10	17,638.18	1,502.40	8.52%	90.00%	
116	180			5A	58	GAn	IFC Drawings Water of Leith Bridge	03/09/10	20,000.00	1,482.58	7.41%	nil	
258A	182			SDS	66		Future Proofing on behalf of New Ingliston Ltd and Highland Properties Ltd	10/09/10	5,140.00	437.82	8.52%	94.00%	
441A	183			2A,5ABC	54	GAn	Site investigation contamination	22/09/10	50,000.00	3,706.45	7.41%		Provisional Change Order
076	184			SDS	66		Design for Edinburgh Gateway	22/09/10	519,439.06	44,245.24	8.52%	100.00%	BB portion only
158	186		UPS	Graham	61	GAn	Provisional Sum - Provide Crew Relief Facilities at Haymarket Station Viaduct	22/09/10	148,002.24	10,971.26	7.41%	nil	
433	187			Graham	21	GAn	Traffic management at Verity House Access Road	11/10/10	10,841.51	803.31	7.41%	100.00%	
167C	188			5A	61	GAn	Further Changes to Wanderer's Clubhouse Building at Murrayfield - radiators	06/10/10	2,063.97	153.00	7.41%	100.00%	

Project: **Edinburgh Tram Network**
 as per: **31/10/2010**



2.08a Approved Change Orders

INTC	TCO	DRP	PS	Section	Activity	QS	Description	Date of Approval	Job Estimate Budgets			Job Estimate Costs	Remarks
									Revenue	OH&P / Margin	Margin in %	Stage of Completion	
									5=1-2-3-4	6=5/1			
74A	189			7A	62	OHu	Gogar Landfill Embankment Sewer Diversion - Flexible Sleeve	08/10/10	2,894.39	214.56	7.41%	100.00%	
653	191			7A	62	OHu	Badger Sett Removal	08/10/10	1,839.51	136.36	7.41%	100.00%	
201	118.192	DRP		5C	58	GAN	IFC Drawing changes - Depot Access Bridge	15/02/2010	1,230,624.88	91,224.97	7.41%	100.00%	
108	193			5C	54	GAn	BDD1 to IFC changes Cyle Tram Stop	11/10/10	26,424.41	1,762.88	6.67%		
655	195			7A	66	OHu	Rebocate drainage from A8 at Gogar Interchange	13/10/10	26,820.62	2,284.55	8.52%	10.00%	
420	196			1B	21	SKy	Leith Walk Gytratory System	08/10/10	5,036.91	373.38	7.41%	100.00%	
660	197			7A	66	OHu	Topographical survey for Burnside Road	15/10/010	2,879.82	245.30	8.52%	100.00%	
321	198			1C	66	Sky	Rev Alignment Picardy Place, York Place, London Road Junctions	20/10/10	50,000.00	4,258.94	8.52%	100.00%	
500	198			1C	66		Picardy Place - redesign north side to incorporate a fourth lane eastbound	20/10/10	50,000.00	4,258.94	8.52%	100.00%	
602	199			5B	54	GAn	Bus Gate - Unforeseen ground conditions - existing foul water manhole	20/10/10	3,846.37	285.13	7.41%	100.00%	
583	200			1C/D	21	Sky	Part reinstatement of Princes Street contingency route	29/10/10	21,946.88	1,826.90	7.41%		
359	202			1D	52	Sky	Haymarket Junction- Underground Chamber at Clifton Terrace	29/10/10	92,836.11	6,881.85	7.41%		
SWC1	SWC1			2A	61		Haymarket Viaduct removal of Scottish Power cable and containment	04/05/10	2,885.63	213.91	7.41%		
601	SWC2			5B	54	GAn	Bus Gate - Unforeseen ground conditions - existing Scottish Power LV cable	20/10/10	2,459.28	182.30	7.41%	100.00%	
429		DRP		EOT2a	64/65/67	*	Issue of MUDFA Programme Revision 8	13/11/09	6,600,000.00	600,000.00	9.09%	100.00%	
TOTALS:									39,937,773.85	2,848,438.20	7.13%	93.15%	

Project: **Edinburgh Tram Network**

as per: **31/10/2010**

2.08b Unapproved Changes

INTC	TCO	DRP	EOT only	Section	Activity	QS	Description	Assessment			Status				Job Estimate Budgets			Stage of Completion	Remarks	
								Maximum	assessed	Minimum	Submitted	to be submitted	In principle agreed, but not approved	not agreed	Estimated	OH&P/ Margin	Margin/ In %			
							Tracklab and OLE base/Existing Gas/Main Clash ch200-120	0.00			0.00	0.00					12-8-9-10-11	13-12/8		
							Impact of Tram Infrastructure on flood risk in the Gogar Burn	0.00			0.00	0.00								
683				7A	31	SK	Lindsay Road Retaining Wall 1A - Ground Conditions	3,000.00	2,500.00	2,000.00	0.00	3,000.00			2,500.00	165.32	7.41%	100.00%		
							Additional changes to Gogar Burn Bridge - Bridge Track slabs								0.00	0.00			100.00%	
							Flooding issue due to AA re-directing water								0.00	0.00			100.00%	
687						GA	Gogar Castle Access - Junction 205	0.00			0.00	0.00			0.00	0.00				
							Lighting Change for combines OLE/ Lighting on Ocean Drive				0.00	0.00			0.00	0.00				
						1A	SK	Archaeological findings	2,500.00	2,000.00	1,500.00	0.00	2,500.00			0.00	0.00			
691						GA	Electrification of Aldrinto Balgownie Rail Link Project	0.00			0.00	0.00			0.00	0.00				
692							Unable to commence fill operations	0.00	5,000.00		0.00	0.00			0.00	0.00				
							Ch530000 to 530400 Utilities Protection Measures				0.00	0.00			0.00	0.00				
694						GA	Utilities Protection Measures - Gas Main	27,179.65			27,179.65				0.00	0.00				
695						GA	Scotrail Car Park Highland Security	0.00			0.00	0.00			0.00	0.00				
696							Ch 200-127 Utilities Clash	0.00			0.00	0.00			0.00	0.00				
						GA	Ch 200-215 Unforeseen Ground Conditions / Below Ground	0.00			0.00	0.00			0.00	0.00				
702							Pedestrian Guardrail - change in CEC Specification	0.00			0.00	0.00			0.00	0.00				
						GA	Haymarket Stadium - Works to accommodate temp bus service an								0.00	0.00				
TOTALS								95,206,942	25,705,690	17,635,642	76,562,129	18,644,814	8,134,965	68,427,163	3,042,019	225,450	7.41%	93.19%		

submitted & not approved	under preparation	not confirmed to use on submitted changes	
maximum potential of changes		76,562,129	
95,206,942			

Project: **Edinburgh Tram Network**
as per: **31/10/2010**



2.09 Payment Status

PROGRESS			INVOICE							PAYMENT			
PERIOD	PROGRESS	No.	Application	Invoice (Accepted)	Variance Certified	ADVANCE PAYMENT	RETENTION MONEY	OTHERS	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance													
1	MONTH												
May-08													
1	MONTH												
Jun-08													
3	MONTH												
4	MONTH												
Aug-08													
5	MONTH												
Sep-08													
6	MONTH												
Oct-08													
7	MONTH												
Nov-08													
8	MONTH												
Dec-08													
9	MONTH												
Jan-09													
10	MONTH												
Feb-09													
11	MONTH												
Mar-09													
12	MONTH												
Apr-09													
13	MONTH												
May-09													
14	MONTH												
Jun-09													
15	MONTH												
Jul-09													
16	MONTH												
Aug-09													
17	MONTH												
Sep-09													
18	MONTH												
Oct-09													
19	MONTH												
Nov-09													
20	MONTH												
Dec-09													
21	MONTH												
Jan-10													
22	MONTH												
Feb-10													
23	MONTH												
Mar-10													
24	MONTH												
Apr-10													
25	MONTH												
May-10													
26	MONTH												
Jun-10													
27	MONTH												
Jul-10													
28	MONTH												
Aug-10													
29	MONTH												
Sep-10													
30	MONTH												
Oct-10													
												88,451,144	
												(w/o Advance Payment)	
												(with Advance Payment)	

2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
BBUKETN001/10	28/06/2010	3	0	0%	7 no. observations for improvement also raised
FAR001/10	24/08/2010	1	1	100%	8 no. observations for improvement also raised
EXP001/10	06/09/2010	1	0	0%	12 no. Observations for improvement also raised
McKean001/10	20/10/2010	4	1	25%	8 no. observations for improvement also raised

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

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
TSA-09-01 (System Eng / Integration)	28/08/2009	4	3	75%	
TQA-CEC-Princes Street/2010	20/07/2010	11	11	100%	

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	7	0	0%	8	-	2	-	25%
1B	-	-	-	-	0	-	0	-	0%
1C	13	12	12	92%	11	-	9	-	82%
1D	31	31	29	94%	6	-	3	-	50%
2	33	22	0	0%	14	-	10	-	71%
5A	12	0	0	0%	1	-	1	-	100%
5B	59	34	1	2%	18	-	12	-	67%
5C	27	6	0	0%	7	-	4	-	57%
6	35	27	2	6%	50	11	27	2	54%
7	68	46	11	16%	11	1	7	-	64%
System NCRs (non-audit)					126	12	75	2	60%
Cancelled					10	1	10	1	100%

3. Further quality-related events during this month

(please describe shortly)

ITP document reviews are ongoing, they are being updated as required and resubmitted to tie for approval. With the cessation of works in many sections ITP's were being reviewed to getting them completed and handed over to BB for filing in the main office until such time as works recommence. BSC Document Control procedure continues to be updated, pending access to BIW for tie. Preparations are ongoing for upcoming BSI ISO 9001 certification audit due November 2/3/4. McKean's were audited as part of the Internal Audit Schedule and the results of the audit are included on the table above. tie carried out a CDMC requirements audit at the depot however the report has not been issued. Farrans have now responded to their Audit NCR from their audit referenced above which now closes out the audit.

Project: **Edinburgh Tram Network**

as per: **31/10/2010**



2.12 Safety Information System - SIS

Bilfinger Berger Civil⁵ - Monthly Safety Report

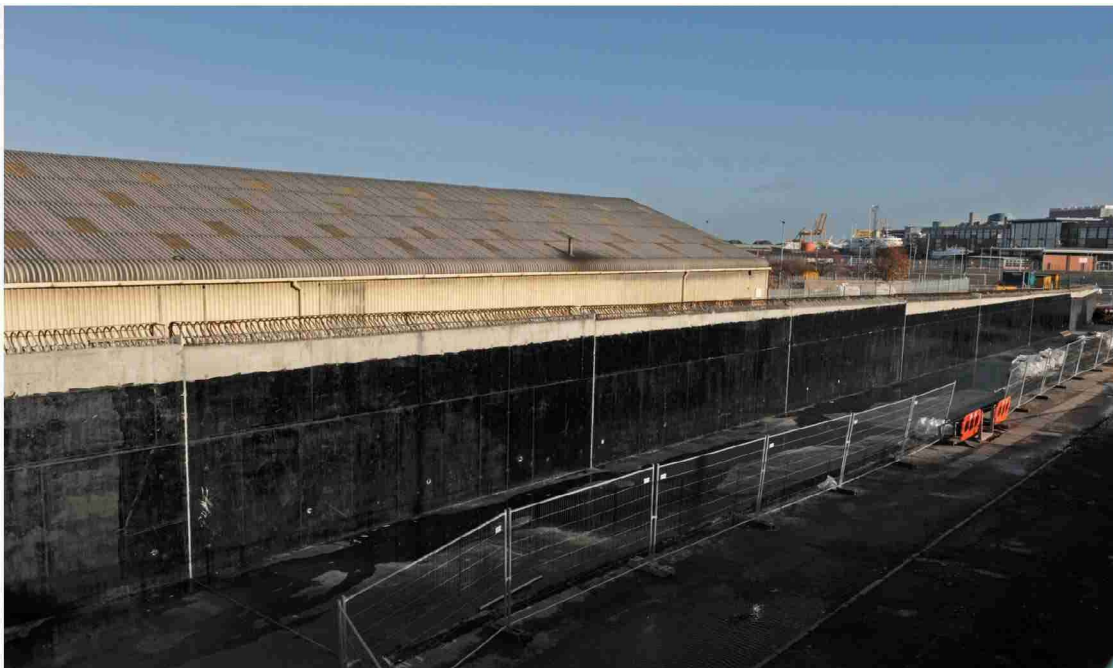
Month: October 2010		Prepared by: [REDACTED]		Contact phone or email: [REDACTED]			
Site or office and Unit ⁵ Civil UK Ltd.	BB ¹ Managers and Supervisors	BB ¹ workers	JV people	Sub-contractors ³	Agency / hired people under BB control	Total	Others, eg public
Number	154	14	99	951	17	1235	
Hours ²	32095	3589	21084	166473	3349	226590	
Accidents in this month (if no accidents but a previous accident person is still away from work, write in days lost but leave accident space clear)							
Fatal						0	
Serious: over 3 days off work						0	
Travelling / commuting 3D+						0	
LTI: 1 -3 days off work				2		2	
1st Aid only				4		4	1
Days lost ⁶ for this months accidents and any from previous accidents				21		21	
Incidents							
Causing damage				22		22	3
Environment Ecology / Pollution				2		2	
Not work related eg flood, bomb scare						0	
Near misses, hazards reported				13		13	4
Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents							
IP Name or incident location/Ref	Employer	Injury / Incident	date of acc / inc	RTW date ⁴	Wkg days lost this month/ RTW		
[REDACTED]	[REDACTED]	Dumper overturning incident, with injured party having a broken collar	20th July 2010	27th October 2010	18		
[REDACTED]	[REDACTED]	Wind blown dust in the eye	11th October 2010	13th October 2010	1		
[REDACTED]	[REDACTED]	Wood splinter cut retina in left eye	27th October 2010	30th October 2010	2		
Return to OHS-Wi by 8th of following month		OHS-Wi email: QM@civil.Bilfinger.com			OHS Wi fax 0049 (0)611 708 296		
<p>1. Average number of BB staff or site workers during the month.</p> <p>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</p> <p>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.</p> <p>4. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known</p> <p>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</p> <p>6. Days lost are working days. You may have days lost to report from an old accident but no accident this month</p> <p>*Definition for a 3D+ accident includes weekends but not day of accident. You should check if man is <u>available</u> or fit for work during a weekend, then it may not be a 3Day+</p>							

2.13 Project Photographs

Picture 01 **Section 1A** **Lindsay Road Retaining Wall**



Picture 02 **Section 1A** **Lindsay Road Retaining Wall**



2.13 Project Photographs

Picture 03

Section 1A

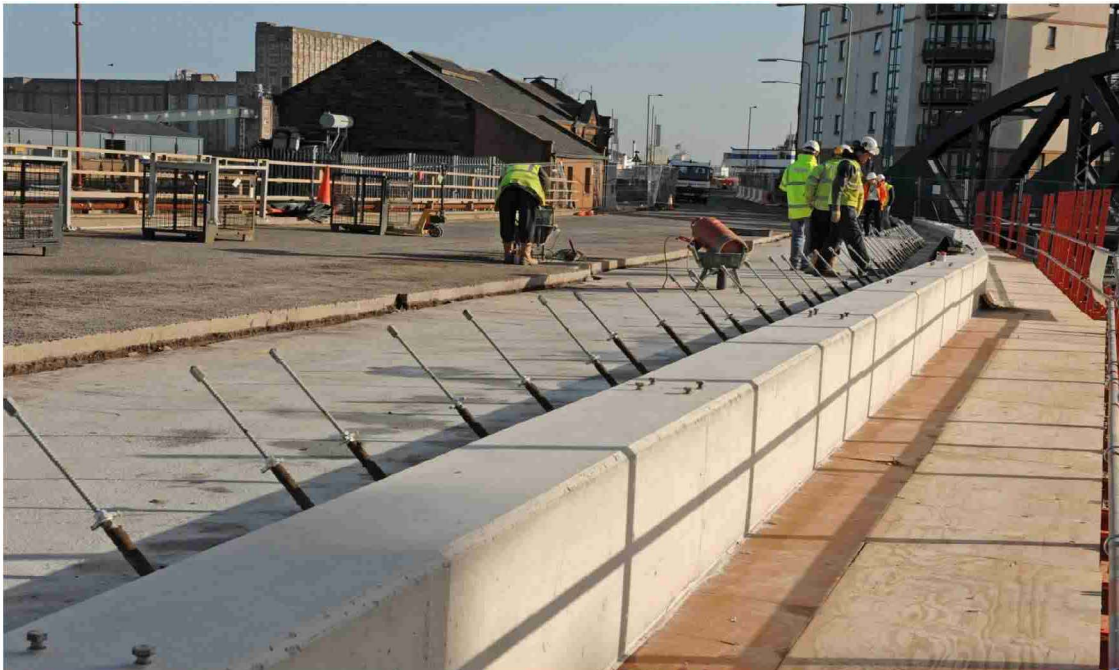
Tower Place Bridge



Picture 04

Section 1A

Tower Place Bridge



2.13 Project Photographs

Picture 05

Section 5C

A8 Underpass / Depot Access Bridge



Picture 06

Section 5C

Depot Access Bridge



2.13 Project Photographs

Picture 07

Section 6

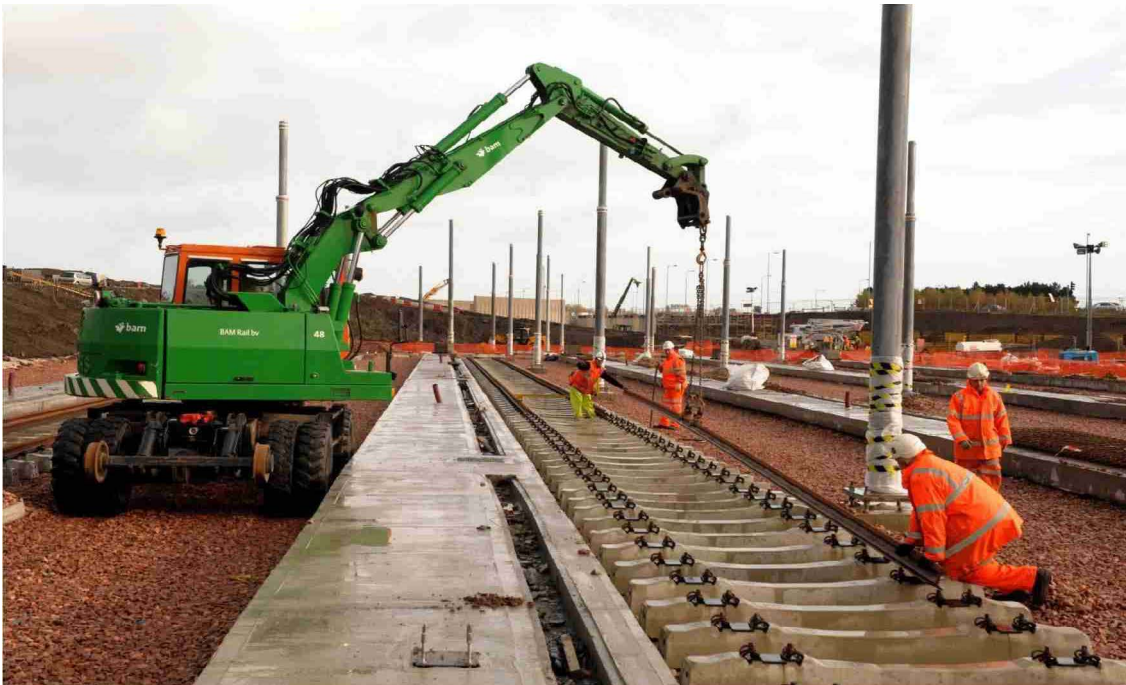
Depot



Picture 08

Section 6

Depot



2.13 Project Photographs

Picture 09

Section 7

Gogarburn Bridge / Surcharged Track Area



Picture 10

Section 7

Track Area Gogarburn to Airport



3.01 Overview Movements of Contingencies

Estimated Risks from Top Sheet (Unqualified Risk Register)		estimated	dissoluted	remaining
		GBP	GBP	GBP
01.	Add. Insurances acc. CL. 76.17	10,000		10,000
02.	Liquidated Damages	464,000		464,000
03.	Interface with Railway Authorities	25,000		25,000
04.	Uninsured Economic Losses	132,500		132,500
05.	Delayed Start Of Construction Works	360,000		360,000
06.	Firm items In Value Engineering	279,500		279,500
07.	Quantity Risk Adjusted in Job Estimate 09/2008	1,000,000	292,824	707,176
08.	Corderoy's Quantities For Pavements in Sect. 5	389,000		389,000
09.	CEC Planning	25,000		25,000
10.	Road Safety Audit	250,000		250,000
11.	Network Rail	75,000		75,000
12.	Edinburgh Park	37,500		37,500
13.	Forth Ports	5,000		5,000
14.	HMRI	25,000		25,000
15.	Rails Drainage, Connections to existing drainage	70,000		70,000
16.	Tramstop	71,500		71,500
17.	Bonding and Earthing Not Priced	14,500		14,500
18.	Obstructions / Boulders (Piling And Anchoring)	30,000		30,000
19.	Settlement / Consolidation	20,000		20,000
20.	Soil Stabilization For Traffic on Embankments	100,000		100,000
21.	Reconstruction In Full Depth Of Pavement 1B	197,500		197,500
22.	Labour	40,000		40,000
23.	Staff	40,000		40,000
24.	Performance Of Utility Companies	5,000		5,000
25.	Ecology	1,000		1,000
26.	Pollution	2,000		2,000
27.	Changes In Law	30,000		30,000
28.	Legal Support	100,000		100,000
29.	Value Engineering	200,000		200,000
30.	Interpretation Of Code Of Constuction Practice	100,000		100,000
31.	Siemens/BB Scope Split	500,000		500,000
total Estimated Risks from Top Sheet (Unqualified Risk Register)		4,599,000	292,824	4,306,176
Estimated Opportunities from Top Sheet (Unqualified Risk Register)				
32.	Changes in Employers Requirements	-100,000		-100,000
33.	Package Contractors Interface	-10,000		-10,000
total Estimated Opportunities from Top Sheet (Unqualified Risk Register)		-110,000	0	-110,000
Additional Estimated Risks				
34.	Interface Systems & Civils	1,000,000	0	1,000,000
total Additional Estimated Risks		1,000,000	0	1,000,000
Estimated Escalations				
35.	Escalation - Farrans Adjusted in Job Estimate 11/2008	483,046	483,046	0
36.	Escalation total Adjusted in Job Estimate 08/2009	4,388,294	942,000	3,446,294
37.	Enhanced Labour Rate	294,000		294,000
total Additional Estimated Escalations		5,165,340	1,425,046	3,740,294
Contingencies released				
38.	Overall Adjusted in Job Estimate 10/2009	0	3,916,682	-3,916,682
total Additional Estimated Escalations		0	3,916,682	-3,916,682
total		10,654,340	5,634,552	5,019,788

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				129						129
3	Issued for Construction (IFC)				261						261
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				155						155
11	IFEA, but not to be IFC				41						41
New Design for Change Order:											
21	Draft, to be issued for construction	9							3		12
22	Issued for External Approval (IFEA), to be IFC	17	178	24		98	1	36			354
23	Issued for Construction (IFC)	102	563	120		803	305	185			2,078
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)		128	741	144	586	901	306	224	3,030	586	3,616
Original SDS Design:											
Issued for Construction (3+5~8+43+46)					261				261	261	261
Total Issue for Construction (1~3+5~8+41~46)					390				390	390	390
Percentage of Completion IFC					66.92%				66.92%	66.92%	66.92%
SDS Design incl. Change Orders:											
IFC incl. new Issues for CO (3+5~8+23~28+43+46)		102	563	120	261	803	305	185	2,078	261	2,339
Total IFC incl. new Issues for CO (1~3+5~8+21~28+41~46)		128	741	144	390	901	306	224	2,444	390	2,834
Percentage of Completion IFC		79.7%	76.0%	83.3%	66.9%	89.1%	99.7%	82.6%	85.0%	66.9%	82.5%
Percentage of Completion under consideration of IDR		91.6%	97.6%	98.3%	96.7%	98.9%	100.0%	97.1%	98.2%	96.7%	98.0%