

EDINBURGH TRAM NETWORK

Monthly Project Report January 2011



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: January 2011

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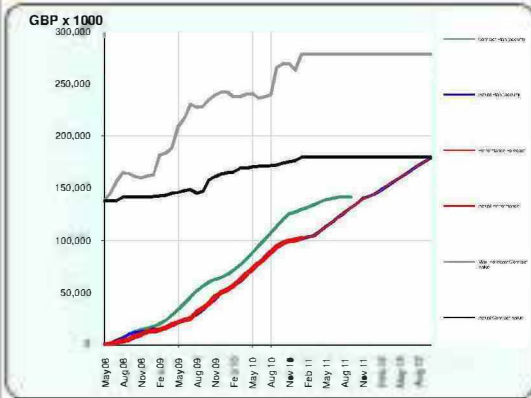
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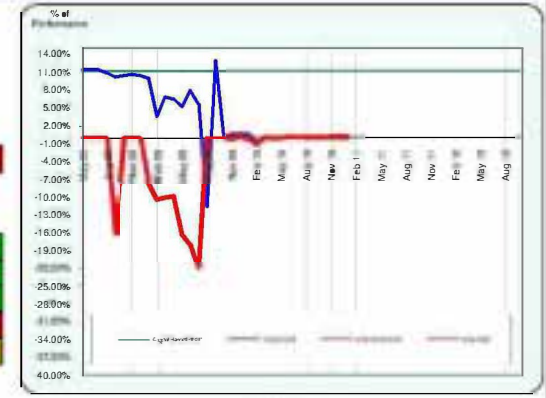
1.01 Project Overview Charts



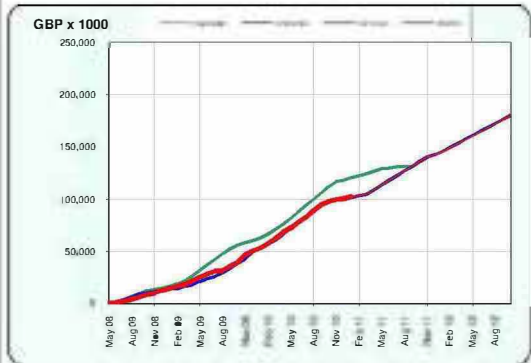
Performance

	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 [GBPx1000]	141,509			179,653	
Claims / Variations approved				45,372	
Claims / Variations not approved				98,854	
Performance		101,728		102,441	100.7% green
Actual Cost to Date				102,444	100.0% green
Result	11.07%	-0.33%	-0.33%	0.00%	0.00% green
Payment Status		102,103		92,436	90.5% red
Av.Perf/mth: Rem. & act. 3mth			4,290	1,482	yellow

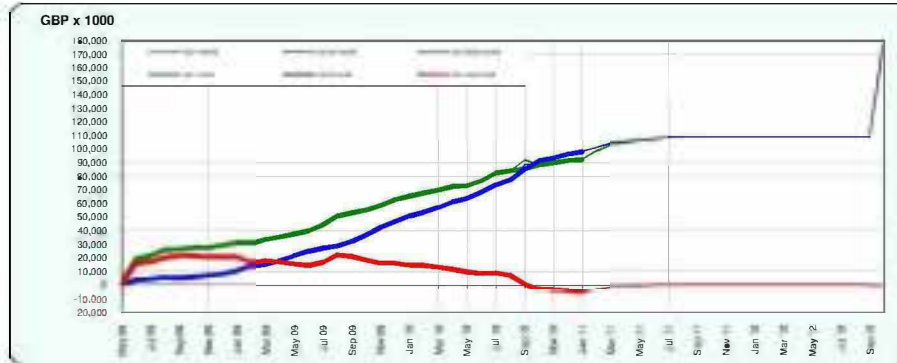
Project Key Figures



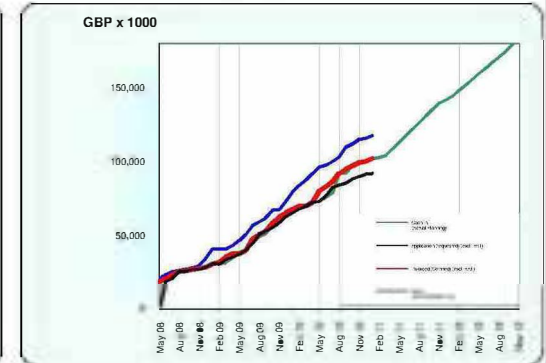
Project Result



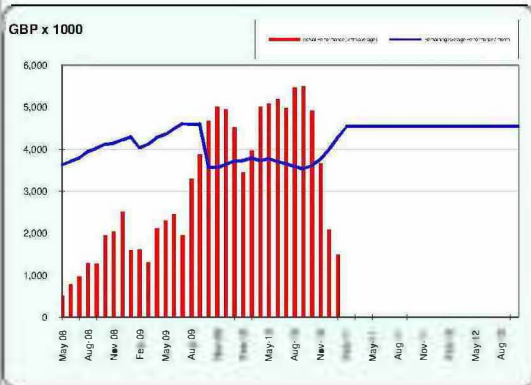
Project Cost



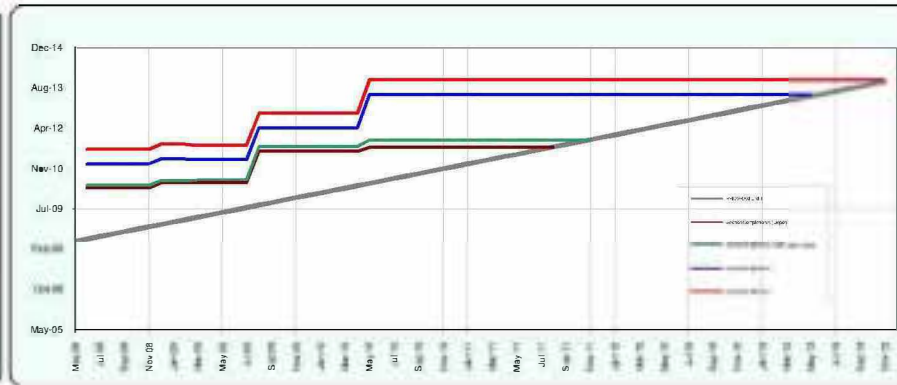
Cashflow



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 2010 and was effecting works on approved changes. Progress of works is currently limited to execution of approved changes or original Contract Works. Works at Lindsay Road, Depot Access Bridge, Depot Building and some external works at the Depot Area were performed on this basis only.</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: 15%; text-align: right;">-£2,448.00</td> <td style="width: 10%; text-align: center;">or</td> <td style="width: 15%; text-align: right;">0.00%</td> </tr> <tr> <td>The forecast/planned result shows</td> <td style="text-align: right;">-£595,057.00</td> <td style="text-align: center;">or</td> <td style="text-align: right;">-0.33%</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: 15%; text-align: right;">£14,789.61</td> <td style="width: 10%; text-align: center;">or</td> <td style="width: 15%; 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	-£2,448.00	or	0.00%	The forecast/planned result shows	-£595,057.00	or	-0.33%		£14,789.61	or	7.07%
The monthly cumulative results adds up to	-£2,448.00	or	0.00%										
The forecast/planned result shows	-£595,057.00	or	-0.33%										
	£14,789.61	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: 40%;">Invoiced net to the client:</td> <td style="width: 20%; text-align: right;">£102,515,725.73</td> <td style="width: 40%;"></td> </tr> <tr> <td>Paid net from the client:</td> <td style="text-align: right;"><u>£92,436,443.74</u></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;"><i>Variance</i> £10,079,281.99</td> <td></td> </tr> </table> <p>The variance above incl. an amount of £8,882,364.63 for not certified but invoiced prelims and an amount of £1,196,917.36 certified construction works to be paid in February.</p>		Invoiced net to the client:	£102,515,725.73		Paid net from the client:	<u>£92,436,443.74</u>			<i>Variance</i> £10,079,281.99				
Invoiced net to the client:	£102,515,725.73												
Paid net from the client:	<u>£92,436,443.74</u>												
	<i>Variance</i> £10,079,281.99												
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: 40%;">Cash in net:</td> <td style="width: 20%; text-align: right;">£93,144,773.00</td> <td style="width: 40%; text-align: right;">(incl. interest income)</td> </tr> <tr> <td>Cash out net:</td> <td style="text-align: right;">£98,175,191.27</td> <td></td> </tr> <tr> <td>Cash balance net:</td> <td style="text-align: right;">-£5,030,418.27</td> <td style="text-align: right;">(internal balance)</td> </tr> </table>		Cash in net:	£93,144,773.00	(incl. interest income)	Cash out net:	£98,175,191.27		Cash balance net:	-£5,030,418.27	(internal balance)			
Cash in net:	£93,144,773.00	(incl. interest income)											
Cash out net:	£98,175,191.27												
Cash balance net:	-£5,030,418.27	(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 completed. 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 to achieve an completion of the design by spring 2011. The completion is influenced by the close out process 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 Access Bridge, Depot Building and smaller external works at the Depot Area . On-Street works were ongoing at Lindsay Road only.</p>		
1.3.2	Significant extraordinary events		
	Date	Description	Remarks
	18/01/2011	Dispute 24 - MUDFA 2 (INTC 536) raised to Dispute	by BB/Infracore
1.3.3	Recent important agreements with the Employer or instructions having significant consequences		
	Date	Description	Remarks
1.3.4	Status on Major Unapproved Claims / Variations / Changes		
	<p>781 change items notified to date 99 by tie and 682 by Infracore). 131 of these have been superseded by further changes or withdrawn. 75 of the remaining changes have a delay only impact and are covered through the MUDFA/EOT-Claims, whereof 5 are submitted to date and 1 change were received. Therefore there are 575 changes requiring design and construction estimates. 491 changes are submitted. Of this 192 changes were confirmed by tie. Further 5 small works changes were received. 299 submitted changes are under review in tie. 84 estimates are to be submitted whereof: - 23 are design only - 12 are awaiting design information - 1 estimate is 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-May08	15-May08	0 days				
Leadership:	BILFINGERBERGER UK LIMITED			Construction end date	16-Jul-11	05-Jun-12	325 days				
	0	Share: 100%	Share: 0%	Total excl. Site Removal	38 month	49 month	128 %				
Currency:	GBP	Rp.	(all amounts without V.A.T.)	Expired construction time	32.5 month	32.5 month	67 %				
Rate of Exchange Top Sheet:	1 GBP =	125 EUR	Actual: 1.17 EUR	Performance to date	102,441,471 GBP		57 %				
2. Total Contract Value				Date of Contract		Total Previous Month	January 2011	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%	176,968,888	131.8%	2,684,063			
Contract Value with 3rd Parties (without interest)						0	0.0%	0			
						176,968,888	131.8%	2,684,063			
3 Approved Changes total						42,687,679	31.8%	2,684,063			
								45,371,742			
								33.8%			
3a. Provisional Sums				Total Previous Month		January 2011	Total Reporting Month				
SOS Novation Agreement Provisional Sums				2,950,043	2.2%	111,500	3,061,543	2.3%			
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		January 2011	Total Reporting Month				
Claims and Variations approved (= Total VQs Approved - 3a. Provisional Sums)				38,836,500	28.9%	2,572,563	41,409,063	30.8%			
Claims and Variations submitted but not approved yet				75,348,170	56.1%	12,792,800	88,140,970	65.6%			
Claims and Variations under preparation				10,743,783	8.0%	-30,732	10,713,051	8.0%			
4a. Performance				Total Previous Month		January 2011	Total Reporting Month				
Performance for Actual Contract Value with Client				100,868,316	57.00%	1,573,155	102,441,471	57.02%			
Performance for 3rd Parties (without interest)				0	0.00%	0	0	0.00%			
Total Performance to Date				100,868,316	57.00%	1,573,155	102,441,471	57.02%			
Remaining Performance to Date				76,100,572	43.00%		77,211,480	42.98%			
Actual Planned Performance (Planned Performance per report date - Performance Last Month)				100,868,316	57.00%	860,000	101,728,316	56.62%			
4b. Cost				Total Previous Month		January 2011	Total Reporting Month				
Actual Cost at Reporting Date				100,750,217	56.93%	1,693,702	102,443,919	57.02%			
5. Result				Date of Contract		Total Previous Month	January 2011	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%	11,485,281	6.49%	174,196			
Actual Result at Reporting Date						118,099	0.12%	-120,547			
Forecast Result at the End of Contract						-439,869	-0.25%	-155,188			
Weighted Result at the End of Contract (Likely Case)						14,492,148	7.07%	297,466			
								14,789,614			
								7.07%			
6. Invoices, Payment and Bank account				Total Previous Month		January 2011	Total Reporting Month				
Application to the client - excl. VAT				incl. Ret. Money	0	0.00%	116,388,754	65.77%	1,456,051		
Certified by the client (Invoice) - excl. VAT				incl. Ret. Money	0	0.00%	100,724,919	56.92%	1,790,807		
Cash in from the client - excl. VAT				excl. Ret. Money	0	0.00%	91,762,968	51.85%	673,476		
Cash in from 3rd Parties - excl. VAT						0	0.00%	0			
Interest income						708,329	0.70%	708,329			
Cash out (excl. VAT)						96,489,054	54.52%	1,686,137			
Net Liquidity				credline	0	0%	-4,017,757	-2.27%	-1,012,661		
								-5,030,418			
								-2.80%			
7. Subcontractor Work (incl. Design)				Total Previous Month		January 2011	Total Reporting Month				
Total Portion of Subcontractor Budget				60,353,024 (incl. SDS)	44.95%	118,512,026	66.97%	0			
Total Amount of signed Subcontract incl. approved Variation Order						0	0.00%	0			
Total Subcontractor Result to date						0	0.00%	0			
Actual Subcontractor Costs to date (incl. Accruals)						0	0.00%	0			
Therefrom invoiced to date						0	0.00%	0			
8. Actual Forecast for Performance and Result				in TSD GBP		Yearly Forecast					
Performance	Original planned				Actual / Forecast					Performance and Result in 2008	
	2008	2009	2010	2011	2008	2009	2010	2011	2012	Performance	Result
Jan	1,706	2,786	2,346		584	2,632	1,573	2,800		12,940,002	7.2%
Feb	2,526	4,026	2,026		1,739	4,077	1,200	3,826		2	0.00%
Mrz	3,526	5,026	2,526		1,579	5,170	1,200	3,826		Performance and Result in 2009	
Apr	4,526	5,276	2,526		3,035	5,755	4,450	3,826		Performance	Result
Mai	855	5,776	2,526		500	2,268	4,337	4,450	3,826	37,733,662	21.0%
Jun	1,355	5,776	1,026		1,052	2,049	5,492	4,450	3,826	-2	0.00%
Jul	2,375	5,776	1,026		1,331	1,531	5,112	4,450	3,826	Performance and Result in 2010	
Aug	2,855	6,026	6,526		1,465	6,312	5,779	4,450	3,826	Performance	Result
Sep	3,055	4,626	6,526		1,047	3,783	5,590	4,450	3,826	50,194,652	27.9%
Okt	2,855	4,026	6,526		3,340	3,931	3,375	4,450	3,823	0	0.00%
Nov	1,535	2,526	5,026		1,725	7,288	2,022	4,450		Performance and Result in 2011	
Dez	1,446	1,866	1,706		2,481	3,635	852	2,181		Performance	Result
Total	16,334	48,678	62,498	13,999	12,940	37,734	50,195	41,754	37,031	41,753,684	23.2%
Linear Calculation										0	0.00%
										Performance and Result in 2012	
										Performance	Result
										37,030,951	20.6%
										-595,057	-1.61%
										Total Performance and Result	
										Performance	Result
										179,652,951	100.0%
										-595,057	-0.33%
Edinburgh, 15/02/2011				Edinburgh, 15/02/2011							
Place and Date				Place and Date				Place and Date			
M Foerder, Project Director				C Geier, 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	179,653	179,653	179,653	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-180,248	-180,248	-180,248
2	Unapproved, but in Job Site Estimate integrated Changes	8,591	4,685	2,452	2	Unapproved, but in Job Site Estimate integrated Changes			
3	Total unapproved Changes	8,591	4,685	2,452	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				
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				
5.2	Change Order EOT2b	7,553	6,600	3,300	5.2				
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				
Σ 5.1 : 5.20	Chances	28,602	24,925	11,000	Σ 5.1 : 5.20	Chances	0	0	0
6 =1+3+4+5	Forecast Final Revenue	216,846	209,263	193,105	6 =1+3+4+5	Forecast Final Costs	-193,473	-194,473	-196,473

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	216,846		
	Costs	-193,473		
	Result	23,373		
% Gross Margin based on Revenue Best Case	Revenue: 216,846	10.78%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		209,263	
	Costs		-194,473	
	Result		14,790	
% Gross Margin based on Revenue Likely Case	Revenue: 209,263		7.07%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			193,105
	Costs			-196,473
	Result			-3,368
% Gross Margin based on Revenue Worst Case	Revenue: 193,105			-1.74%
Gross Margin previous month (most likely case)		12.42%	7.07%	-1.61%

	Project: Edinburgh Tram Network as per: 31/01/2011	
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001AK31 Edinburgh Tram 2011_01
Reporting Month: 33. R.-P. 01.2011, 31/01/2011

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	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	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)
				5=3+4		7	8=(6+7)5	9	10=9-5	11	12	13=12-11	14	15	16	17	18=15+16+17	19	20=9/19	21=19-9	22=5+21	23=18-22	24=8/20
Total Cost incl. Prime Cost Sums		97,134,970	5,308,948	102,443,918	79,563,322	4,410,236	-18,470,360	102,780,647	336,720	1,693,701	2,408,313	714,611	125,838,066	125,838,066	42,136,474	4,337,401	172,311,941	180,248,239	57.0 %	77,467,592	179,911,510	-7,599,569	-32,404,140
Prime Cost Sums 0 / 0									0														
Total Cost without Prime Cost Sums		97,134,970	5,308,948	102,443,918	79,563,322	4,410,236	-18,470,360	102,780,647	336,720				125,838,066	125,838,066	42,136,474	4,337,401	172,311,941	180,248,239		77,467,592	179,911,510		

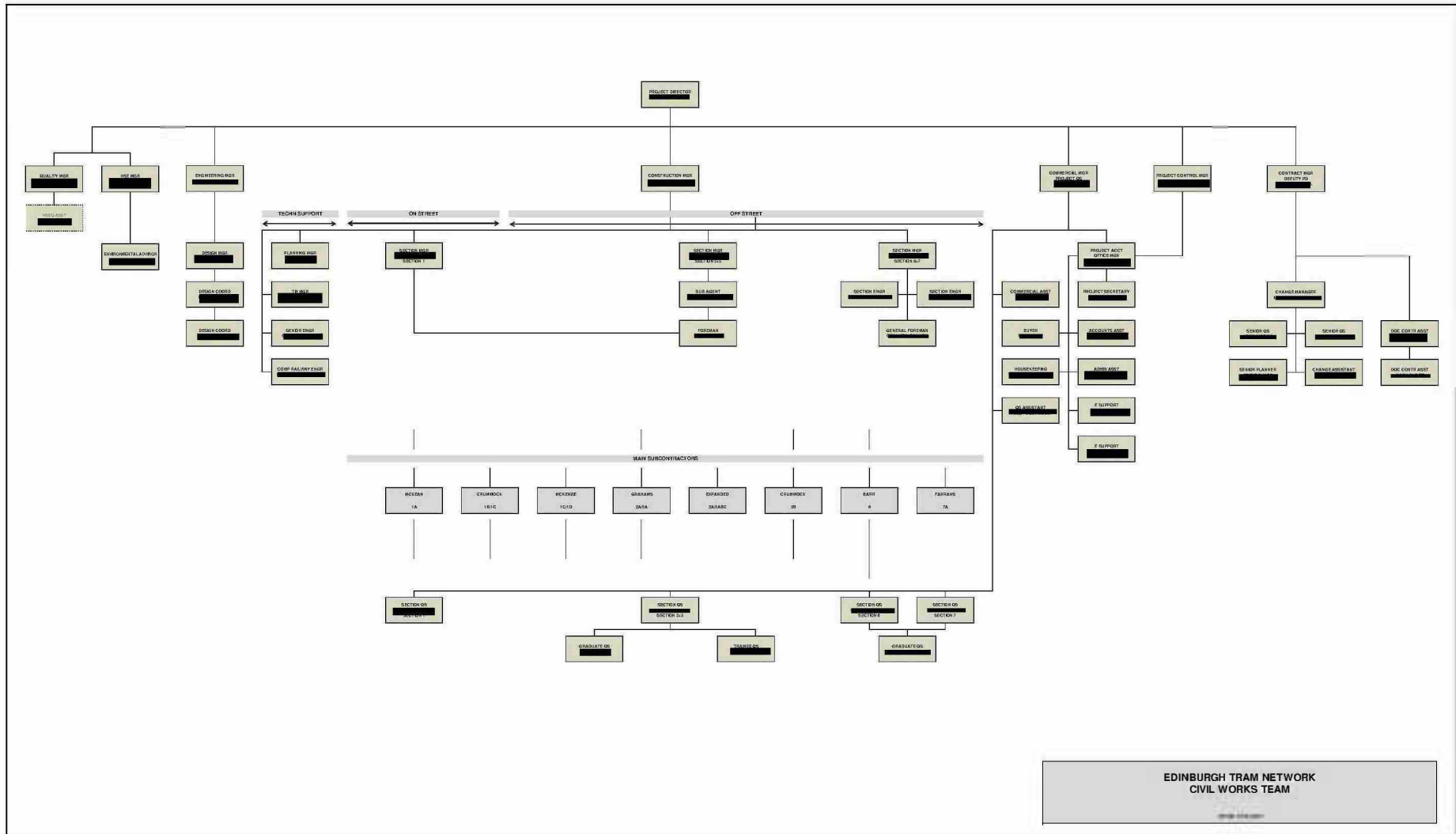
REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 0.9967, PFB = 1.0695)

Total Cost without Prime Cost Sums	102,443,918	79,563,322	102,780,647	125,838,066	125,838,066	42,136,474	4,337,401	167,974,540	180,248,239	179,911,510
Gross Margin		5,529,651	-339,176	15,670,749	8,443,143	3,235,268.00	11,678,411	-595,288		-358,559
Gross Margin in % of Performance		6.50 %	-0.33 %	11.07 %	6.29 %	7.13 %	6.50 %	-0.33 %		-0.14 %
Performance without Prime Cost Sums		85,092,973	102,441,471	141,508,815	134,281,209	45,371,742	4,684,671	179,652,951	179,652,951	179,652,951
Actual Cost to date		102,443,918	102,443,918							
Gross Margin to date		-17,350,945	-2,447							
Gross Margin to date in % of Performance		-20.39 %	-0.00 %							
Performance Prime Cost Sums										
Total Performance		85,092,973	102,441,471	141,508,815	134,281,209	45,371,742	4,684,671	179,652,951	179,652,951	179,652,951
Revenue according WBS										

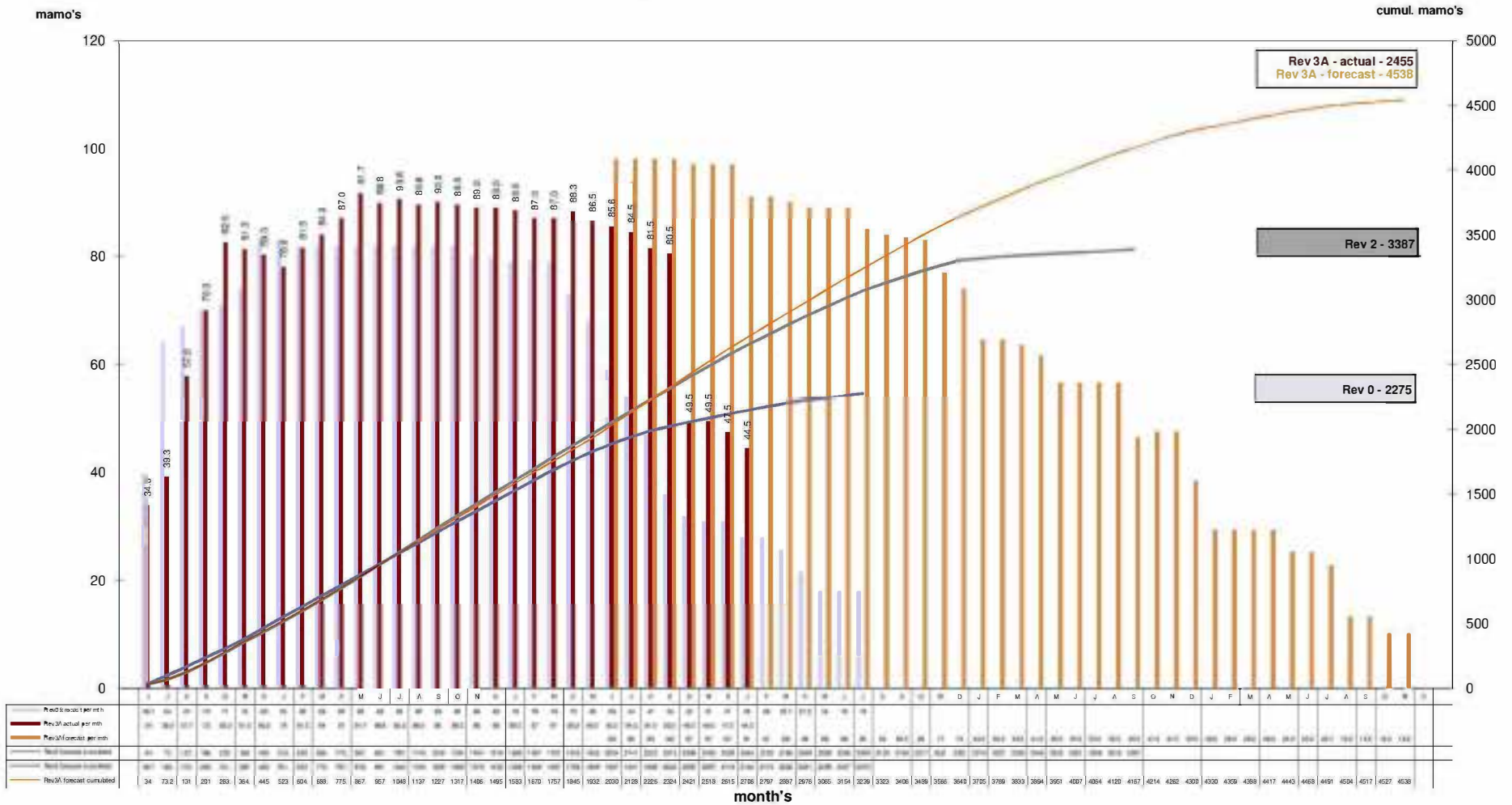
Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0227, PFB = 1.0698)

Total Cost without Prime Cost Sums	83,973,556	102,780,647	125,838,066	125,838,066	42,136,474	4,337,401	172,311,941	180,248,239	179,911,510
Gross Margin	8,861,354	2,833,121	15,670,749	13,025,681	4,089,383	4,426,112			4,426,112
Gross Margin in % of Performance	6.52 %	2.22 %	11.07 %	6.52 %	2.22 %	2.40 %			2.40 %
Valued Performance without Prime Cost Sums	89,834,91	105,113,76	141,508,815	134,281,209	45,371,742	4,684,671	184,337,622	184,337,622	184,337,622
Actual Cost to date		102,443,918	102,443,918						
Gross Margin to date		-12,609,006.00	2,669,850						
Gross Margin to date in % of Performance		-14.04 %	2.54 %						
Performance Prime Cost Sums (incl. valued performance)									
Total Performance (incl. valued performance)		89,834,912	105,113,768	141,508,815	134,281,209	45,371,742	4,684,671	184,337,622	184,337,622
Revenue according WBS (VO's valued)									
Revenue according WBS (VO's valued by 100%)									



2.06 Staff Chart

Staff mammo performance Edinburgh Tram



Project: **Edinburgh Tram Network**
 as per: **31/01/2011**



2.08a Approved Change Orders

										Job Estimate Budgets						Job Estimate Costs	
INTC	TNC	TCO	DRP	EOT only	PS	Section Activity	Description	Date of Approval	Revenue	Design & Construction	Other Prelims 17.5 %	Consortium Fee 7.4 %	OH&P / Margin	Margin In %	Stage of Completion	Remarks	
										2.00			5=1-2-3-4	6=5/1			
SDSNA		SDSNA				SDS 66	SDS Navation Agreement Provisional Sums	31/01/11	3,061,943.65	3,061,543.65					100.00%		
PSSA		PSSA	X			1C/D 96	Works carried out under Supplemental Agreement concerning Princes Street	20/03/09	12,790,161.05	10,465,330.19	1,393,120.78		921,710.14	7.21%	100.00%		
19						Graham 61	Archaeological Survey to the Caley Ale House	19/09/08	5,976.61	4,430.40	775.32		327.85	443.04	7.41%	100.00%	
21						Graham 61	Asbestos in the Caledonian Ale House	19/09/08	6,053.61	4,497.50	785.31		332.08	448.75	7.41%	100.00%	
53						5C 54/57	TNCO04-Utilities diversions & associated works	10/10/08	39,217.65	28,539.95	5,494.87		2,323.54	2,859.29	7.29%	60.00%	
87						BSC 64/65	Duct Installation at Leith Walk	22/01/09	344.00	255.00	44.63		18.91	25.50	7.41%	100.00%	
59						Graham 61	Notified Departure in acc. With Schedule 4 due to the Asbestos Survey	30/10/08	23,200.00	22,200.00	3,885.00		1,642.80	2,220.00	7.41%	100.00%	
51						5A 61	TNCO2-Utilities diversions & associated works	03/12/08	75,488.51	54,944.68	10,575.85		4,472.50	5,494.41	7.28%	48.00%	
52						5B 54	TNCO3-Utilities diversions & associated works	03/12/08	88,027.11	64,070.99	12,933.67		5,215.38	6,407.13	7.28%	6.00%	
166						1A 31	Demolition of existing garage and fuel tank on Ocean Drive.	03/12/08	19,560.50	14,500.00	2,537.50		1,073.00	1,450.00	7.41%	90.00%	
176						Farrans 62	Temporary Ramps (2 no.) at Gogar Church Road Construct Car Park	18/12/08	7,725.08	5,622.71	1,082.38		457.69	562.21	7.28%	100.00%	
237	10				UPS	Graham 61	Move site boundary fencing at Haymarket Car Park	17/12/08	997.66	719.09	138.43		59.53	71.91	7.28%	100.00%	
272	11					5B 54	Starter Layer below Subsoil Level at Carrick Row	17/12/08	96,557.68	70,280.00	13,528.90		5,720.79	7,028.00	7.28%	100.00%	
273	12					Graham 61	Demolition of Access Steps to Haymarket Station Carpark	23/01/09	2,360.74	1,710.00	306.25		126.54	217.96	9.23%	100.00%	
192	14				UPS	1B 40	Discovery of Cable & Wireless ducts - Chainage 106	22/01/09	187.35	136.35	26.25		11.10	13.64	7.28%	0.00%	
48	15					SDS 66	Additional IRO Drawings as SDS Letter dated 4th July 2008	22/01/09	3,550.18	3,024.00			223.78	302.40	8.52%	100.00%	
169	16					1A 31	Demolition of existing building at 33 Ocean Drive.	02/03/09	6,745.00	4,989.52	875.00		369.22	511.26	7.58%	0.00%	
	17					BSC 65	Hard standing at Haymarket Yards.	29/01/09	1,011.75	750.00	131.25		55.50	75.00	7.41%	100.00%	
84	18					SDS 65/66	TNCO05-Burnside road Diversion - Fees for design (INF-CORR-005)	03/02/09	720.00	613.29			45.38	613.33	8.52%	100.00%	
271	19					SDS 66	Road Construction Details - Construction Methodology Statements for	13/02/09	372,540.13	317,325.50			23,482.08	31,732.55	8.52%	36.62%	
269	20					SDS 66	Instructions arising from Trackform Development Workshop	13/02/09	371,057.95	316,063.00			23,398.66	31,606.30	8.52%	87.00%	
274	21					TM 21	Princes Street Construction Works - closure to traffic during construction	13/02/09	7,522.40	5,576.28	975.85		412.64	557.63	7.41%	100.00%	
159					DPS		Removal of Provisional Sum Main Contract - Relocation Ancient Monuments	12/03/09							0.00%		
141	24					SDS 66	West End Tramstop - revised requirements from CEC/He.	09/04/09	16,636.11	14,170.50			1,049.62	1,417.05	8.52%	100.00%	
266	25					Depot 63	Monthly Track Monitoring Network Rail East Coast North Line / Gogar Depot	27/03/09	5,369.02	3,990.00	696.50		294.52	399.00	7.41%	0.00%	
173						Graham 61	Discovery of underground petrol tank at National Car Rental Site.	07/04/09	5,530.91	4,100.00	717.50		303.40	410.00	7.41%	100.00%	
75	27					Farrans 62	Temporary Access Ramp from Depot	27/03/09	16,303.74	12,221.80	2,115.02		894.33	1,072.59	6.58%	100.00%	
187	28					Depot 63	Additional excavated material at Depot	02/04/09	1,660,654.40	1,229,272.73	235,480.00		99,574.40	102,327.21	6.16%	100.00%	
295	30.1				UPS	Farrans 62	Scottish Gas Networks - Trial investigations to protect gas main at Culvert 2	29/04/09	16,430.31	11,893.64	2,305.85		941.45	1,198.36	7.29%	100.00%	
364	30.2					BSC 64/65	New Manhole (MHT) at Balbirnie Place	12/02/10	1,499.21	1,268.19			103.23	126.91	8.46%	100.00%	
216	31				UPS	1B 40	Discovery of alkathene water pipe above formation level - Chainage 265 RHS	29/04/09	6,188.80	458.75	80.28		33.95	45.99	7.41%	100.00%	
218	32				UPS	1B 40	Discovery of 12 No. LV and 1 No. LV cables above formation level - 182 RHS.	29/04/09	295.41	218.38	38.21		16.16	22.74	7.70%	100.00%	
220	33				UPS	1B 40	Discovery of Water connection pipework above formation level - 161 RHS	29/04/09	91.81	68.10	11.92		5.04	6.81	7.41%	100.00%	
223	34				UPS	1B 40	Discovery of stone culvert - Chainage 100 RHS	29/04/09	1,169.21	856.73	151.69		64.14	86.60	7.41%	100.00%	
225	35					1B 48	Repairs required to footpath to allow pedestrian access - Chainage 170 RHS	29/04/09	329.11	239.59	46.12		19.50	23.96	7.28%	100.00%	
260	36					1B 40	Relocate existing Control Box - Section 1B	29/04/09	1,274.98	945.13	165.40		69.94	94.51	7.41%	100.00%	
293	37					Farrans 62	Gogar Castle Road tree felling	29/04/09	1,335.51	990.00	173.25		73.26	99.00	7.41%	100.00%	
294	38					Farrans 62	Reinstatement access ramp at Gogar Depot	29/04/09	9,799.91	7,132.21	1,372.95		580.56	713.22	7.28%	100.00%	
296	39					Farrans 62	Formation Level of Gogarburn Bridge West Abutment	29/04/09	13,439.91	9,782.32	1,893.10		796.28	978.23	7.28%	100.00%	
297						Farrans 62	Formation Level of Gogarburn Bridge East Abutment	29/04/09	8,465.21	6,162.01	1,186.23		501.60	616.43	7.28%	100.00%	
327	41				UPS	1B 40	Dye test and camera survey at Chainage 170 RHS	29/04/09	7,119.82	527.66	92.34		39.05	52.77	7.41%	100.00%	
328	42				UPS	1B 40	Reinstatement slabbed footway following MUDFA works	29/04/09	1,995.51	1,027.93	179.87		76.06	102.79	7.41%	100.00%	
	43				UPS	Consult	71 instruction to proceed with road surveys.	02/05/2009	89,050.01	66,011.99	11,552.08		4,984.89	6,501.19	7.41%	100.00%	
257	44					SDS 66	Feasibility Study (Design Only) Forth Ports access to ADM Milling	29/04/09	1,624.82	1,394.00			102.42	139.40	8.52%	100.00%	
165	45				UPS	1B 40	Discovery of temporary pedestrian crossing lighting ducts	29/04/09	910.16	675.00	118.13		48.95	67.09	7.37%	100.00%	

Project: **Edinburgh Tram Network**
 as per: **31/01/2011**



2.08a Approved Change Orders

INTC	TNC	TCO	DRP	EOT only	PS	Section Activity	Description	Date of Approval	Job Estimate Budgets						Job Estimate Costs		Remarks
									Revenue	Design & Construction	Other Prelims 17.5%	Consortium Fee 7.4%	OH&P / Margin	Margin In %	Stage of Completion		
					UPS	1B	40	Install additional gully Chaining 250 RHS	08/05/09	2,170.14	1,579.56	304.06	128.57	157.96	7.28%	100.00%	
157		49			Fanatics	62	Survey of Existing Drainage (Gogar Landfill)	01/05/09	4,027.46	2,931.41	564.30	236.62	293.13	7.28%	100.00%		
324		51			UPS	5C	57	A8 Underpass Phase 1 Piling Obstructions	01/05/09	4,613.58	3,420.00	586.50	253.08	342.00	7.41%	100.00%	
340		52				5C	56	Edinburgh Park Bridge South Abutment Base - Existing service (cable)	01/05/09	608.69	451.95	78.09	33.44	45.21	7.42%	100.00%	
390		55				5B	54	Canick Knowe channage 520200 to 520240 - sub grade improvement	15/05/09	98,501.39	71,694.73	13,801.24	5,835.95	7,169.47	7.28%	100.00%	
350		54			DPS	SDS	66	Alteration of Design at Forth Ports Road 8	15/05/09	11,932.54	10,164.00		752.14	1,016.40	8.52%	100.00%	
361		55			UPS	5A	61	Scottish Power Utility Diversion near Murrayfield Station	05/06/09	6,689.80	6,188.55	1,217.54	514.85	768.86	8.52%	0.00%	
167		56			UPS	5A	61	Accommodation Works to Wanderers Clubhouse Building at Murrayfield	26/05/09	191,060.94	141,631.46	24,785.51	10,480.73	14,163.14	7.41%	75.00%	
338		57				1B	40	Remove ornamental iron balls from Groat Hill Depot	03/06/09	406.26	301.15	52.70	22.29	30.12	7.42%	0.00%	
40		58			SDS	66	Delay and Disruption to Ravelston Tramstop Landscaping	01/06/09	2,409.05	2,052.00		151.85	205.20	8.52%	100.00%		
382		59				5B	56	Pier 1 Base Formation - Section 5B	03/06/09	561.41	408.65	78.67	33.26	40.87	7.28%	100.00%	
336		60				BSC	64	Extension to Site Office for the SDS personnel	02/06/09	150,000.00	120,099.08	21,016.81	8,887.11	0.00	6.00%	100.00%	
349		61				TM	21	Traffic Management contingency for Emergency Utility Works	02/06/09	404.70	300.00	52.50	22.20	30.00	7.41%	0.00%	
385		62				1C/D	21	Section 1C/D - Additional MASS barriers on Great Stuart Street	02/06/09	915.2	678.46	118.73	50.21	67.85	7.41%	100.00%	
74		63				BSC	64/65	Sewer Diversion, Gogar Landfill	08/06/09	1,433.78	1,213.64		98.79	121.36	8.46%	100.00%	
350		64				7A	62	Protected Species mitigation measures	05/06/09	9,262.23	6,862.20	1,204.48	509.32	686.22	7.41%	100.00%	
471		65			SDS	64/65/66		Gogarburn Retaining Wall W14 - Re-design Water Mains and Gas Main	07/07/09	1,156.51	981.36		77.07	98.14	8.49%	100.00%	
222		66			UPS	1B	40	Discovery of valves and a hydrant fouling the new kerb line - 120 RHS	10/06/09	617.61	457.83	80.12	33.99	45.79	7.41%	100.00%	
238		67				TM	21	Temporary Traffic Lights opposite Manderson Street required	04/09/09	15,084.78	11,182.21	1,956.89	827.48	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	6,664.50		493.17	666.45	8.52%	100.00%		
352		69				1C/D	21	Off-peak Taxi Rank at George Street	10/06/09	2,213.71	1,641.00	287.19	121.43	164.10	7.41%	100.00%	
409		70			SDS	66	Forth Ports - New construction at Ocean Drive	10/06/09	2,817.60	2,400.00		177.60	240.00	8.52%	100.00%		
259		72			SDS-5B	64/66		Cycleway at Edinburgh Park Station repositioned out with the LOD	15/06/09	52,094.65	38,609.70	5,340.56	3,221.42	3,822.91	7.53%	22.60%	
171		73			Consultant	71		Contract with Faber Maunsell for Transit and Uinsig Modelling Assessments.	16/06/09	64,809.00	48,043.00	8,407.52	3,555.18	4,803.80	7.41%	100.00%	
473		74			UPS	7A	62	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/TE/D/05	17/06/09	3,269.16	2,379.47	458.05	193.69	237.95	7.28%	0.00%	
371		75			UPS	7A	62	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/BT/D/05	17/06/09	855.81	622.91	119.81	50.70	62.29	7.28%	0.00%	
307		76			Graham	61		Contaminated Soil assessment at Haymarket Depot	11/06/20/09/09	54,986.51	40,761.00	7,133.19	3,016.31	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	20,756.12	3,632.32	1,535.95	2,075.61	7.41%	64.00%	
203b		78			Depot	63		Structural Steelwork	15/07/09	270,372.81	196,792.25	37,882.51	16,018.89	16,679.22	7.28%	100.00%	
203a		79			Depot	63		Foundations	15/07/09	47,782.16	34,778.48	6,694.86	2,830.97	3,477.99	7.28%	100.00%	
488		80				5B	21	Reinstatement of Bus Link - Traffic Management	23/07/09						100.00%	CO Value not issued - to be paid on Demonstrable Cost Basis	
419		82				TM-1C	21/43	Replace MASS barriers at St Andrews Square	14/09/09	22,899.56	16,873.00	2,970.27	1,256.00	1,667.31	7.41%	100.00%	
279		84.1			SDS	66		West Pilton Tramstop	29/07/09	859.3	732.00		54.17	73.20	8.52%	100.00%	
413		84.2			UPS	7A	62	Provide local protection of sewer at Chainage 711990	31/07/09	2,696.95	1,999.22	349.86	147.94	199.93	7.41%	100.00%	
179		85			UPS	SDS	66	Gatehouse Works to Murrayfield Stadium Part 1	05/09/09	108,664.00	92,559.70		6,949.34	9,255.81	8.52%	100.00%	
179		86			UPS	SDS	66	Gatehouse Works to Murrayfield Stadium Part 2	10/09/09	34,830.00	29,667.80		2,195.42	2,966.79	8.52%	100.00%	
159a		087			BSC	64/65		Provisional Sum Main Contract - Relocation Ancient Monuments Abortive Costs	25/01/10	3,992.60	3,379.55		275.10	337.86	8.46%	0.00%	
234		88			UPS	1B	40	Leith Walk (Section 1B) Groundworks - Move THUS ducts - Ch 345 - 365	11/09/09	6,562.03	4,864.37	851.26	359.86	486.43	7.41%	100.00%	
202		90			Fanatics	62		IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	12/09/09	13,368.41	9,730.32	1,873.09	792.05	973.02	7.28%	100.00%	
472		91			SDS	66		Developed kinematic envelope (DKE) check	08/02/10	15,118.71	12,878.00		952.97	1,287.80	8.52%	100.00%	
401		92				7A	62	Additional earthworks to western approach embankment at Gogarburn Bridge	13/09/09	36,616.16	26,551.26	5,130.37	2,169.41	2,655.13	7.28%	100.00%	
203g		93			Depot	63		Secondary Steelwork	17/08/09	2,355.95	1,714.79	330.10	139.59	171.49	7.28%	100.00%	
334		94				7A	62	Access at Newington	20/09/09	5,827.65	4,282.91	784.59	331.77	428.29	7.35%	100.00%	
118		96			BSC	64/65		IFC Drawing Change Cathedral Lane Sub Station	31/09/09	1,229.73	1,040.91		84.73	104.09	8.46%	100.00%	
407		97			Depot	63		Hard material within Gogar excavation	02/09/09	35,805.89	26,062.23	5,016.99	2,121.47	2,605.21	7.28%	100.00%	
91		98				5B	56	Reference ETN002 Edinburgh Park Structure (S27) Earthworks/Foundations.	04/09/09	52,388.71	37,750.69	7,902.57	3,060.38	3,775.09	7.21%	100.00%	

2.08a Approved Change Orders

										Job Estimate Budgets						Job Estimate Costs		
INTC	TNC	TCO	DRP	EOT only	PS	Section Activity	Description	Date of Approval	Revenue	Design & Construction	Other Prelims 17.5%	Consortium Fee 7.4%	OH&P / Margin	Margin In %	Stage of Completion	Remarks		
										2.00			5=1-2-3-4	6=5/1				
475		105.1			UPS	5B 57	A8 Underpass - BT works - Slew 2 way and 4 way ducts	09/10/09	94,954.28	70,144.03	12,275.21	5,190.66	7,344.39	7.73%	100.00%			
486		105.2			SDS	66	TRO Changes September 2009		3,430.43	2,922.00		216.23	292.20	9.52%	100.00%			
362		106				5B 56	Edinburgh Park Bridge - Approach Ramps additional earthworks	09/10/09	195,000.00	134,653.19	25,820.74	10,960.77	13,465.31	7.28%	100.00%			
414		107			Graham	21/61	Sample soil nailing to embankments between Russell Road & Water of Leith	09/10/09	44,719.35	33,149.26	5,901.12	2,453.05	3,314.92	7.41%	100.00%			
431		108			5B	57	Slew existing BT duct at A8 underpass	13/10/09	22,946.79	16,934.93	2,965.19	1,253.19	1,693.49	7.41%	100.00%			
125		109			SDS	61/66	Unforeseen Ground Conditions at Haymarket Viaduct	22/10/09	94,317.39	68,649.54	13,215.01	5,598.06	6,864.77	7.28%	100.00%			
191		110			UPS	1B 48	Discovery of concrete encased lighting cable - Chainage 339 RHS	28/10/09	179.51	133.51	23.29	9.85	12.92	7.19%	100.00%			
242		111			SDS	66	TRO Presentations by SDS to the public during September 2009	04/11/09	23,490.00	20,000.00			1,490.00	2,000.00	8.52%	100.00%		
77		112			SDS	66	DESIGN ONLY to Amend line of route design section 5/c (Batch 5/22)	13/11/09	5,369.54	4,251.90	321.55	369.90	425.19	7.92%	100.00%			
370		113			5B	56	Existing Ground levels at Edinburgh Park Bridge	23/11/09	61,851.30	47,265.35	6,932.89	2,931.62	4,721.44	7.63%	100.00%			
203j		114			Depot	63	BDDI to IFC changes to depot access road	13/11/09	78,674.86	57,263.99	11,023.30	4,661.26	5,726.39	7.39%	100.00%			
112		112	115		Graham	61	IFC Drawing Change Haymarket Viaduct	04/11/09	96,173.00	70,000.00	13,475.00	5,699.00	7,000.00	7.28%	23.00%	Settlement reached during internal DRP		
001A/D		116			EOT1	64/65/67	IFC dates entered into the Schedule Part 15 (Soct 1A-ID)	04/11/09	2,225,000.00	2,022,727.27			202,272.73	9.08%	0.00%	Settlement reached in Mediation		
428		121			BSC	64/65	Alteration of Drainage at Eastfield Avenue to avoid a clash with Utilities	13/11/09	1,054.71	903.64			70.74	90.36	8.49%	100.00%		
309		123			5B	56	Edinburgh Park Bridge (S27) - South Abutment Base Formation	25/11/09	9,494.75	7,202.65	1,131.29	443.35	717.46	7.56%	100.00%			
85		125			1A-1	31	TNCO08 - Lindsay Road Retaining Wall Cost Estimate	15/01/10	494,065.00	352,329.09	67,823.35	28,679.59	35,232.91	7.28%	72.00%			
369		126			5C	57/71	Maintain Thuis and C & W services and dismantle water main at A8 Underpass	17/12/09	20,324.64	14,793.97	2,947.73	1,204.19	1,479.86	7.39%	42.00%			
155a		127			7A	62	IFC Drawing changes Gogarburn RTWs 14A, 15A, 15B, 15C	22/12/09	141,199.61	102,765.01	19,782.24	9,365.06	10,276.36	7.29%	100.00%			
282		128			Graham	61	Request for instruction to deal with Japanese Knotweed - Retaining Wall W4	22/01/10	24,282.74	18,000.59	3,150.10	1,332.04	1,800.06	7.41%	100.00%			
436		129			TM	21	Lothian Road pedestrian disruption	25/01/10	8,640.21	6,404.93	1,120.86	473.96	640.50	7.41%	100.00%			
434		130			TM	21	George Street Emergency road closure	25/01/10	1,516.30	1,124.02	196.70	83.19	112.40	7.41%	100.00%			
76		131			BSC	65	Gogar Depot Public Transit proposals GRIP options 4B & 4C2	13/01/10	50,000.00	42,599.44			3,151.62	4,259.94	8.52%	100.00%		
146a		132	101		Graham	61	IFC Drawing Change Russell Road RTWs Wall 4	19/02/10	1,461,857.21	1,083,659.90	199,640.49	80,190.83	109,365.99	7.41%	44.00%	Settlement reached after DRP		
151		133.1			BSC	64/65	Excavate and replace existing BQ material within existing utility trenches.	22/01/10	1,065.69	902.05			73.43	90.20	8.46%	100.00%		
268		133.2			5C	57	Carry out Scottish Power Diversions on at Gogar Roundabout	01/02/10	70,163.35	51,857.54	9,220.92	3,899.13	5,185.76	7.39%	0.00%			
367		134			Graham	61	Haymarket Station - Network Rail Access Doorway	08/02/10	2,814.68	2,086.50	365.14	154.40	209.65	7.41%	100.00%			
474		135			5B	54	Additional manhole requirement - Section 5B	09/02/10	7,085.74	5,157.39	992.90	419.81	515.74	7.28%	100.00%			
502		136			5B	59	Additional excavation at Carnick Knowe North Abutment	09/02/10	390.94	294.55	54.79	23.16	29.45	7.28%	100.00%			
088a		137			DPS	63	Power Supply Ducts Section 6	15/02/10	13,297.28	9,678.49	1,863.11	787.93	967.85	7.28%	0.00%			
105		138	120		5B	58	IFC Drawing Change Balgreen Road Retaining Wall	15/02/10	298,574.21	217,317.92	41,833.96	17,689.75	21,731.79	7.28%	0.00%	Settlement reached during internal DRP		
517		139			Graham	61	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	22/02/10	20,005.55	14,829.92	2,595.24	1,097.41	1,492.89	7.41%	100.00%			
203p		140			Depot	63	IFC Issue drawings for alteration to Scottish Water valves - MUDFA works	31/03/10	5,365.61	3,977.50	696.06	294.34	397.75	7.41%	0.00%			
399		141			7A	62	Addition of starter and capping layers in Section 7A	04/09/10	1,139,305.66	828,249.35	159,630.50	67,500.90	82,924.93	7.28%	99.00%	Estimate provisional		
402		142			5B	54	Addition of starter and capping layers in Section 5B	03/03/10	1,048,164.38	743,019.32	170,361.35	60,491.79	74,301.93	7.09%	13.00%			
403		143			5C	54	Addition of starter and capping layers in Section 5C	03/03/10	930,159.34	677,020.05	55,109.52	130,326.67	67,703.20	7.28%	0.00%			
139		144			SDS	66	Revised location of OLE poles in Section 1A at the request of CEC.	04/06/10	4,575.41	3,897.30			289.40	389.73	8.52%	100.00%		
60		146			SDS	62/65	Diversion of Existing Sewer at Gogarburn Bridge - conflict with the 300 mm dia	07/07/10	36,292.29	26,778.73	4,804.20	2,031.49	2,677.81	7.39%	100.00%			
473		147			1A	31	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	02/04/10	31,635.11	23,025.69	4,432.47	1,874.30	2,302.72	7.28%	100.00%			
473		147A			1A	31	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	01/09/10	31,635.11	23,025.69	-4,432.47	-1,874.30	-2,302.72	-7.28%	0.00%			
267a		149			5C	57	Carry out Scottish Water Diversion at Gogar Roundabout	07/05/10	93,295.35	61,746.00	10,805.55	4,569.20	6,174.60	7.41%	0.00%			
053a		150			5C	54	TNCO04 - Utilities diversions & associated works - Water main diversion only	31/03/10	112,878.99	83,676.72	14,643.43	6,192.09	8,367.66	7.41%	0.00%			
479		153			5A	58	Proposed sewer lining at Water of Leith Bridge	04/06/10	59,708.68	44,261.44	7,745.75	3,275.35	4,426.14	7.41%	0.00%			
448		155			SDS	64/65/66	Change to street lighting at Haymarket Terrace	07/05/10	1,154.68	979.77			76.34	97.99	8.49%	0.00%		
196		157			SDS	64/65/66	Little King Street works required by CEC outside the Limits of Deviation	19/05/10	2,497.75	2,111.27			165.35	211.13	8.49%	100.00%		
052a		158			5B	54	TNCO03 - Utilities diversions & associated works	30/07/10	55,923.74	40,748.00	-7,835.59	-3,313.34	-4,024.99	-7.20%	0.00%			
430		159			Graham	61	Additional white lining at Haymarket Station Car Park	26/05/10	3,930.65	2,913.75	509.81	215.62	291.39	7.41%	100.00%			

Project: **Edinburgh Tram Network**
 as per: **31/01/2011**



2.08a Approved Change Orders

INTC	TNC	TCO	DRP	EOT only	PS	Section Activity	Description	Date of Approval	Job Estimate Budgets						Job Estimate Costs	Remarks		
									Revenue	Design & Construction	Other Prelims 17.5%	Consortium Fee 7.4%	OH&P / Margin	Margin In %			Stage of Completion	
									2.00				5=1-2-3-4	6=5/1				
115		162	95			5B 58	FC Drawing Change Carriacknowe Bridge	29/05/10	139,265.23	100,637.05		19,372.63	8,191.86	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	44,760.56		7,833.10	3,312.28	4,476.06	7.41%	100.00%		
230		165	119			1A 31	FC Drawing Changes - Tower Bridge Structure	18/06/10	260,973.48	189,950.85		-36,565.54	-15,462.00	-18,995.09		62.00%	Settlement reached after DRP	
155b		166				7A 62	FC Drawing changes Gogarburn RTWs 14B & 15D	19/06/10	12,464.28	9,072.19		1,746.40	739.48	907.92		100.00%		
111		167				Fanans 62	FC Drawing Change Gogarburn Bridge	21/06/10	176,195.40	129,486.13		23,727.87	10,033.29	12,949.61		100.00%	Settlement reached after DRP	
112		168				Graham 61	FC Drawing Change Russell Road Bridge	16/06/10	60,174.06	43,797.99		8,431.11	3,565.16	4,379.80		0.00%		
551a		169				Graham 61	Removal and disposal of contaminated soil at Russell Road Retaining Wall	29/07/10	397,000.00	294,292.07		51,501.11	21,777.61	29,429.21		100.00%		
492		170				Graham	FC drawing changes - Haymarket Car Park	18/08/10	40,000.00	29,651.59		5,189.03	2,194.22	2,865.16		7.41%	100.00%	
281		172				1C 66	Revised proposals for Cathedral Lane Sub-station	13/10/10	2,063.9	1,759.07			130.10	175.81		8.52%	100.00%	
517a		173				Graham 61	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	27/09/10	167,386.6	124,008.17		2,171.43	919.20	1,240.92		100.00%		
289		174				1A 66	Cycleway change at Hawthornvale - Section 1A4	09/10/10	6,199.68	5,280.62			390.78	528.09		8.52%	100.00%	
292		175				1A 31.65	Additional Ramp / Steps at Lindsay Road Retaining Wall - Section 1A4	08/10/10	2,168.28	1,659.62		223.41	122.59	165.66		7.64%	100.00%	
499		179				SDS 66	Frederick Street pedestrian crossing	30/09/10	17,638.18	15,024.00			1,111.79	1,502.40		8.52%	90.00%	
116		180				5A 58	FC Drawings Water of Leith Bridge	03/09/10	20,000.00	14,825.80		2,594.51	1,097.11	1,482.58		7.41%	0.00%	
258a		182				SDS 66	Future Proofing on behalf of New Ingleston Ltd and Highland Properties Ltd	10/09/10	5,140.00	4,378.19			323.99	437.82		8.52%	100.00%	
441a		183				2A5AB 64	Site investigation contamination	22/09/10	50,000.00	37,064.49		6,486.29	2,742.77	3,706.45		100.00%	Provisional Change Order	
76		184				SDS 66	Design for Edinburgh Gateway	22/09/10	519,439.06	442,452.95			32,741.47	44,245.24		8.52%	70.00%	BB portion only
158		186			UPS	Graham 61	Provisional Sum - Provide Crew Relief Facilities at Haymarket Station Viaduct	22/09/10	149,002.24	109,712.56		19,199.70	8,119.73	10,971.26		7.41%	0.00%	
433		187				Graham 21	Traffic management at Verty House Access Road	11/10/10	10,841.51	8,037.00		1,406.48	594.74	803.31		100.00%		
167c		188				5A 61	Further Changes to Wanderv's Clubhouse Bulking at Murrayfield - radiators	06/10/10	2,063.9	1,530.00			267.75	113.22	153.00		7.41%	100.00%
074a		189				7A 62	Gogar Landfill Embankment Sewer Diversion - Flexible Sleeve	08/10/10	2,894.39	2,145.58			375.49	159.77	214.56		7.41%	100.00%
653		191				7A 62	Balger Sett Removal	09/10/10	1,939.51	1,363.61			238.63	100.91	136.36		7.41%	100.00%
201		192	118			5C 58	FC Drawing changes - Depot Access Bridge	15/02/2010	1,230,624.86	912,249.73		159,643.70	67,506.49	91,224.91		7.41%	92.00%	
108		193				5C 54	BDDI to FC changes Gyle Tram Stop	11/10/10	26,424.41	19,393.58		3,702.39	1,565.59	1,762.89		6.67%	0.00%	
655		195				7A 66	Relocate drainage from A8 at Gogar Interchange	13/10/10	26,920.62	22,845.50			1,690.5	2,284.55		8.52%	30.00%	
420		196				1B 21	Leith Walk Gyratay System	09/10/10	5,036.91	3,733.81		653.42	276.30	373.38		7.41%	100.00%	
660		197				7A 66	Topographical survey for Bunside Road	15/10/10	2,879.82	2,453.00			181.52	245.30		8.52%	100.00%	
321		199				1C 66	Rev Alignment Picardy Place, York Place, London Road Junctions	20/10/10	50,000.00	42,599.44			3,151.62	4,259.94		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	42,599.44			3,151.62	4,259.94		8.52%	100.00%	
602		199				5B 54	Bus Gate - Unforeseen ground conditions - existing foul water manhole	20/10/10	3,846.31	2,851.29		498.97	210.99	285.13		7.41%	100.00%	
583		200				1C/D 21	Part reinstatement of Pincus Street contingency route	29/10/10	21,946.99	16,269.00		2,847.07	1,203.91	1,626.90		7.41%	0.00%	
315		201	117			7A 62	FC Drawing Changes - Drainage - Gogarburn to Airport	10/02/2010	997,068.00	739,116.39		129,345.37	54,694.61	73,911.64		7.41%	73.00%	
359		202				1D 52	Haymarket Junction - Underground Chamber at Clifton Terrace	29/10/10	92,835.11	68,919.51		12,043.24	5,092.57	6,891.95		7.41%	0.00%	
559		203				5C 57	A8 Underpass - Scottish Gas Main Diversion	09/11/10	2,263.62	1,678.00			293.65	124.11	167.80		7.41%	100.00%
579		204				5C 57	A8 Underpass - Phase 2 - Piling obstructions	11/11/10	9,480.91	7,028.10		1,229.92	520.08	702.91		7.41%	100.00%	
595		205				2A 61	Haymarket Station - additional works to Network Rail access door	19/11/10	1,821.15				236.25	99.90	125.00		7.41%	100.00%
558		206				5C 21	South Gyle Access Bridge Hire of TM Equipment	24/11/10	24,930.65	19,194.32		3,182.26	1,345.54	1,819.43		7.41%	100.00%	
148		208				5A 58	FC Drawing Change Balgreen Road Underbridge (S22b)	07/12/10								0.00%		
199		208				5A 58	FC Drawing changes - Balgreen Bridge S22a	07/12/10	84,000.00	62,269.95		-10,896.99	-4,607.86	-6,226.83		7.41%	0.00%	
283		209				5B 56	Edinburgh Park Bridge (S27) - Pier 3 Base Format on	11/11/10	8,810.74	6,531.31		1,142.99	493.32	653.13		7.41%	100.00%	
654	109	210				5C 66	Additional Trams top at Gogar to be named "Edinburgh Gateway"	11/11/10	2,267.11	1,690.00			139.12	199.00		8.52%	0.00%	
679	113	211				1A 31	Tower Place Bridge Diversion	11/11/10	10,779.51	7,990.76		1,389.39	591.32	799.09		7.41%	100.00%	
568		222				2A 66	Topographical survey at Scotrail Depot	22/12/10	1,610.90	1,542.50			114.15	154.25		8.52%	0.00%	
706		212				1A 21/21	Tower Place Bridge - Sequence of works	19/11/10	65,672.74	48,608.41		8,506.47	3,597.02	4,860.84		7.41%	60.00%	
722		229				5A 66	Murrayfield Accommodation Works	22/12/10	5,859.26	4,990.00			369.26	499.00		8.52%	0.00%	
342	040	216				5B 54	Transfer of private utility diversions from MUDFA at Edinburgh Park	19/11/10	1,535.9	1,138.49		199.24	84.25	113.95		7.41%	100.00%	

Project: **Edinburgh Tram Network**
 as per: **31/01/2011**



2.08a Approved Change Orders

INTC	TNC	TCO	DRP	EOT only	PS	Section Activity	Description	Date of Approval	Job Estimate Budgets					Job Estimate Costs		Remarks
									Revenue	Design & Construction	Other Prelims 17.5%	Consortium Fee 7.4%	OH&P / Margin	Margin In %	Stage of Completion	
									2.00				5=1-2-3-4	6=5/1		
693		223				5C 54	Discovery of underground petrol tank at National Car Rental Site.	26/01/10	2,429.77	1,801.16	315.20	133.29	180.12	7.41%		
SWC1		SWC1				2A 61	Haymarket Viaduct removal of Scottish Power cable and containment	04/05/10	2,885.63	2,139.08	374.34	159.29	213.91	7.41%	100.00%	
601		SWC2				5B 54	Bus Gate - Unforeseen ground conditions - existing Scottish Power LV cable	20/10/10	2,459.28	1,823.04	319.03	134.90	192.30	7.41%	100.00%	
SWN1		SWNE				5C 54	Edinburgh Gateway - Enabling works cable diversion	02/11/10	3,777.20	2,800.00	490.00	207.20	280.00	7.41%	0.00%	
SWN7		SWN00				2A 61	Haymarket Yards Verity House Hard Standing	11/11/10							0.00%	
668		SWN00				5B 54	Busgate: Scottish Power HV Cable Clash with Drainage	11/11/10							0.00%	
107		118				5B 58	FC Drawing Change Bankhead RTW	09/12/10							0.00%	Referred to dispute
110		218				5B 58	FC Drawing Change South Gyle Access Bridge	07/12/10							0.00%	Referred to dispute
264a		219				1A 31	FC drawings and specifications lowering Lindsay Road								0.00%	Referred to dispute
264b		219				1A 31	FC drawings and specification for work in Chalmers 100000 to 100600 -								0.00%	Referred to dispute
429						EOT2a 64/65/67	Issue of MUDrA Programme Revision 9	13/11/09	6,600,000.00	6,000,000.00		600,000.00	9.09%	0.00%	Referred to dispute	
N/A							Further accepted values on unapproved changes by the client	31/01/11	2,570,133.00	1,905,213.49	333,412.36	140,985.80	180,521.35	7.41%	93.00%	
TOTALS									45,371,742.11	36,980,263.62	3,893,115.81	1,263,094.95	3,235,266.94	7.13%	70.71%	

Sum=total budget approved changed orders
42,136,474.39

2.08b Unapproved Changes

Table with columns: INTC, TNC, TCO, DRP, EOT only, SDS only, Section, Activity, QS, Description, Assessment (Maximum, assessed, Minimum), Status on unapproved changes (Submitted, to be submitted, response, document, agreed, not agreed), Job Estimate Budgets (Revenue, Direct Cost, Margin in %, Stage of Completion), Remarks.

2.085 Unapproved Changes

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes					Job Estimate Budgets			Stage of Completion	Remarks				
										Maximum	assessed	Minimum	Submitted	to be submitted	response	document	agreed	not agreed	Revenue	Direct Cost			Margin in %			
251						7		SK	FC Drawing Changes - Section 1B - Halford Street				613	X		613			613							
253						1A		SK	FC Drawing Changes - Section 1A - Victoria Dock				51,737	X		51,737			51,737							
254								SK	FC Drawing Changes - Earthworks General																	
254a						1A		SK	FC drawings and specifications lowering Lindsay	1,972,142	1,261,992	887,454	1,972,142	X		In principle agreed	5885	511,379	1,460,763							
254b				219		1A		SK	FC drawings and specifications for work in	1,573,154	1,022,550	707,911	1,573,154	X		not accepted			1,573,154	1,022,550	758,006	74%	0.4%			
						7		SK	Lindsay Road Lowering - Utilities	800	520	350				800										
						5A		SK	Accommodation Works	72,462	47,100	32,606	72,462	X		In principle agreed	3125 JCD	22,717	49,745	47,100	34,915	74%	100%			
						5C		SK	Revisions to Scottish Water Diversion 5C/SW/D/01A	50,000	32,500	22,500				50,000										
						6		SK	RWS Tramstop - Provide an Estimate for diversion of	17,353	11,280	7,809	17,353	X		In principle agreed	2855-GMCG	1,955	15,399	11,280	9,362	74%	100%			
						7		SK	EAL Tramstop - BAA Interface	5,377	4,145	2,871	5,377	X		In principle agreed	0344/AS		5,377	4,145	3,073	74%	100%			
						7		SK	CLE Design changes in the area between																	
277						7A		CH	Airport Tramstop Canopy in options.	49,982	32,488	22,492	49,982	X			619,1378	49,982	32,488	24,083	74%	90%				
								SK	Wider Area Modelling Proposals	7,584	4,930	3,413	7,584	X				7,584								
								SK	Change to demarcation requirements																	
								SK	Ruskie Road Retaining Wall 4 - Options Report																	
								SK	Notified Departure due to the issue of SDS Design																	
								N/A	NOT USED																	
								SK	Forth Ports Traffic Signal - Section 1A 4 - Widened	9,131	5,935	4,109	9,131	X		In principle agreed	1814/D5		9,131	5,935	4,400	74%	100%			
								SK	CAF - Air Supply																	
291								SK	CAF - Lifting System																	
								SK	Revised access arrangements to Depot																	
								SK	FC Drawing changes - Edinburgh Park Bridge																	
300						SW OFF		SK	Network Rail's requirement for CAI 3 checking																	
301						1D		SK	Develop and seek approval for enabling works for	147,908	96,140	66,558	147,908	X		In principle agreed	2096/MP	120,257	27,651	96,140	71,268	74%	100%			
302								SK	Protection of live GAS Utility during construction	200,000	130,000	90,000				200,000										
								SK	Protection of live GAS Utility during construction	29,231	19,000	13,154	29,231	X												
305						1C	66	SK	Crawley Tunnel - Insufficient groundcover	23,673	15,387	10,653	23,673	X		PSSA/not accepted	5619,5595,7068		23,673	15,387	11,406	74%	100%			
						1B		SK	Discovery of underground structure on Leith Walk	5,091	3,309	2,291	5,091	X		In principle agreed	966		5,091							
								SK	Additional excavation at Carrick Knowe South																	
310						7A	66	CH	Gogur Landfill Scottish Water Utility Diversion	23,195	15,077	10,436	23,195	X		In principle agreed	724,8052	16,946	6,249	15,077	11,176	74%	98%			
						1A		SK	FC Drawing Changes - Section 1A - Drainage	20,000	13,000	9,000				20,000										
312						1B		SK	FC Drawing Changes - Leith Walk			0														
								SK	FC Drawing Changes - Section 7 Soft Landscaping	544,661	354,029	245,091	544,661	X		In principle agreed	2155/GMCG		544,661							
314						7A	62	SK	FC Drawing Changes - Section 7 Track Vertical and	345,593	224,636	155,511	345,593	X		not accepted	2611		345,593	224,636	166,520	74%	80%			
316a						1D		SK	Section 1D FC Drawing Changes - Roads/Site	1,466,303	953,097	659,838	1,466,303	X												
316/1						1D		SK	Section 1D FC Drawing Changes - Roads	1,466,303	953,097	659,838	1,466,303	X		not accepted/review	6525		1,466,303							
								SK	Section 1D FC Drawing Changes - Kerbs, Footways	735,204	477,982	330,842	735,204	X												
316/3						1D		SK	Section 1D FC Drawing Changes - Site Clearance -	23,406	15,214	10,533	23,406	X		not accepted/review	8811		23,406							
316/5								SK	Section 1D FC Drawing Changes - drainage - plate	20,753	13,490	9,339	20,753	X												
								SK	Section 1D FC Drawing Changes - Traffic Signs &	177,177	115,165	79,730	177,177	X		not accepted	6505									
316/6						1D		SK	Section 1D FC Drawing Changes - Road Restraint	34,627	22,508	15,542	34,627	X		not accepted	8817		34,627							
316/7								SK	Section 1D Change to Street Lighting Ducts	24,206	15,734	10,893	24,206	X												
316/8						1D		SK	Princes St Road Construction	514,872	331,667	231,692	514,872	X												
								SK	Earthworks Quantity variances between FC																	
								SK	FC Drawing Changes - Gogarburn Retaining Walls																	
320						1D		SK	Shandwick Place TRC Signage	7,940	5,161	3,573	7,940	X		In principle agreed	3446/02		7,940	5,161	3,826	74%	100%			
								SK	Introduction of mass concrete foundations at Depot	30,815	20,030	13,667	30,815	X		not accepted	2859/GMCG		30,815	20,030	14,846	74%	100%			
322						5B	58	SK	Carrick Knowe Underbridge Obstructions	2,745	1,784	1,235	2,745	X		not accepted			2,745	1,784	1,233	74%	100%			
323						5C	57	SK	A8 Underpass Phase 1 Pile Toe Levels	34,319	22,306	15,444	34,319	X		not accepted			34,319	22,306	16,536	74%	100%			
						SW		SK	Advertisement Consents																	
								SK	Expose existing gully connections at Chainage 272	3,705	2,406	1,661	3,705	X		In principle agreed	3881/16		3,705	2,406	1,785	74%	100%			
						1B		SK	Break out framed concrete backfill	7,326	4,762	3,297	7,326	X		not accepted	1205		7,326	4,762	3,530	74%	100%			
							63	CH	Partial Handover of Depot Site																	
332								SK	Change to route of footpath/cycleway adjacent to A8																	
333								SK	Investigate stability of and reinstate existing batters																	
						1B		SK	Remove spoil from Groat Hill Depot																	
								SK	Princes Street - Reinforced Concrete slab above																	
843							66	SK	Street Lighting - Height of poles	2,049	1,332	922	2,049	X		In principle agreed	1971,6248		2,049	1,332	987	74%	100%			
								SK	Disposal of surplus excavated material at Depot																	
345								SK	MUDFA use of Hippo Wheel Wash																	

2.085 Unapproved Changes

										Assessment					Status on unapproved changes					Job Estimate Budgets					
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	response	document	agreed	not agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks		
									Edinburgh Park Bridge Structural Fill	106,527	69,242	47,930	106,527	X					106,527	69,242	51,329	7.41%	100%		
						ID			Traffic Flow and re-modelling at Lochan Road																
348						ID		SK	Additional Signs on Queen Street	266	175	120	266	X			not accepted			173	128	7.41%	100%		
351						SW ON		SK	Reversal of One Way System on Rose Street																
353						SW ON		SK	Additional Measures at George Street	4,816	3,130	2,147	4,816	X						4,816					
						SW ON		SK	Provide Corex signs and double yellow lines on	3,062	1,990	1,378	3,062	X						3,062					
355								SK	Additional Signage at George Street/Si Andrews	2,954	1,920	1,329	2,954	X						2,954					
								SK	Replace MASS barriers at George Street, Hanover	2,331	1,515	1,049	2,331	X			not accepted			2,331	1,515	1,123	7.41%	100%	
357						SW ON	45	SK	Traffic Holes in Princes Street	235,090	152,609	105,791	235,090	X			in principle agreed	12/12/MP		235,090	152,609	113,275	7.41%	100%	
						1C		SK	Incomplete MUDFA Works at the Princes																
363								SK	Traffic Management - Provide Wider Area Signage	11,899	7,734	5,354	11,899	X						11,899					
365								SK	Wider Area Fly P & R Survey and Proposals																
366						7A	62	SK	Gogarburn Bridge East Abutment - excess ground	3,864	2,511	1,739	3,864	X			not accepted	2279/AS		3,864	2,511	1,862	7.41%	100%	
						5A		SK	Demolish all Structures on Plots no. s97 and 102	8,537	5,549	3,842	8,537	X						8,537					
								SK	Partial Demolition of Plot 97	67,218	43,691	30,248	67,218	X											
								SK	Transfer of MUDFA Utility Elyerson - Section 5A -																
374a								SK	Gogar Landfill Area - Additional site Investigation																
374b						7A	62	SK	Gogar Landfill Area - Surcharging and monitoring of	458,002	297,702	206,101	458,002	X			in principle agreed		97,711	360,292	297,702	220,683	7.41%	100%	
374c						7A		SK	Gogar Landfill Area - Soil Nailing and Reinforced	524,034	340,622	235,811	524,034	X			not accepted			524,034					
374d								SK	Gogar Landfill Area - Trackform Change				65,867	X	65,867		no decision under				65,867				
375							66	SK	Revised OLE Foundation and layout to Section 1	73,526	47,792	33,067	73,526	X						73,526	47,792	35,428	7.41%	95%	
375a								SK	Changes to OLE bases Section A1, B, C & D	606,980	391,537	273,141	606,980	X						606,980					
								SK	Redesign of OLE poles foundations due to increased	1,35,627	88,156	61,032	1,35,627	X							135,627	88,156	65,350	7.41%	100%
								SK	Amend OLE system design documents	7,844	4,969	3,440	7,844	X			in principle agreed			7,844	4,969	3,683	7.41%	90%	
								SK	Amend site wide OLE Bill of Materials (loading and	6,903	4,487	3,106	6,903	X			in principle agreed	2824/DC		6,903	4,487	3,826	7.41%	95%	
379								SK	Combined OLE Pole-Lighting poles	55,039	35,776	24,764	55,039	X			in principle agreed	1627/FA		55,039	35,776	25,520	7.41%	90%	
							66	GA	Amend CHLE Fixings at Depot Access Bridge	23,513	15,283	10,561	23,513	X						23,513	15,283	11,329	7.41%	100%	
						SW ON		SK	Section 1C/ID - Charlotte Square West End On	2,954	1,920	1,329	2,954	X			not accepted			2,954	1,920	1,424	7.41%	95%	
382						ID		SK	Section 1D - Bus Gate at Shandwick Place	3,398	2,209	1,529	3,398	X			not accepted	1524		3,398					
								SK	Section 1C/ID - Princes Street Rhino Barrier																
						SW ON		SK	Section 1C/ID - Saturn Street at George Street and								not accepted								
						1C		SK	Section 1C/ID - Additional Traffic Management at		325	225			500		in principle agreed	1562/DH			39	29	7.41%	95%	
386								SK	Section 1C - Bus Stand at St Andrews Square																
388						1C		SK	Section 1C - VMS Signs on Princes Street																
						1C		SK	Section 1C/ID - Production of As Built Drawing for	3,659	2,378	1,647	3,659	X			not accepted			3,659	2,378	1,763	7.41%	100%	
391								GA	Access to Left Hand Walk from 19/03/09																
						5A		GA	Edinburgh Park Station Bridge - Approach ramp sub																
394						SW		GA	Notified Departure due to the issue of SDS Design																
395						SW		GA	Notified Departure due to the issue of SDS Design																
395								GA	Notified Departure due to the issue of SDS Design																
								GA	IFC Changes - Series 600 Earthworks Specification																
								GA	IFC Changes - Series 1700 Structural Concrete																
400								GA	Cycle provisional Haymarket Steps		247	171	380							380					
404								GA	Section 5B - Drainage Ditches				5,574	X	5,574		T CO 194			5,574					
								GA	Additional Retaining Wall at Tower Bridge Pumping	6,757	4,392	3,040	6,757	X			not accepted			6,757					
							66	GH	Gogar Depot Earthworks - Northern Boundary	20,000	13,000	9,000	7,403		12,597		in principle agreed	1681		7,403	13,000	9,537	7.41%	100%	
408								GA	IFC Changes - Ductwork Specification																
410								GA	RESERVED FOR GCONWAY (CVIS20004)																
						SW OFF		GA	IFC Drawing Changes	2,404,419	1,562,672	1,081,998	2,404,419	X			not accepted	6697/GMCG		2,404,419					
412	48,96						66	GH	Depot Floor - Pit for a manual table	26,273	17,077	11,823	26,273	X			in principle agreed	1952/644/1574		14,408	11,665	1,707	12,659	7.41%	100%
								GA	Provisional Sum	65,024	42,265	29,251	65,024	X			TNC				65,024				
						1C		GH	Construction of a new Manhole Ref. 1C2D/M46901																
417	53					7A	66	GA	BAA Dualing Future Proofing (Eastfield Avenue)	3,377	2,195	1,520	3,377	X			TNC	1569/MP		3,377	2,195	1,627	7.41%	100%	
415						5A		GA	Russell Road Retaining Wall - Carriageway site																
								GA	Phase 1A/1B Design																
423								GA	Remove Soil Material from Sub Grade of Depot	35,804	23,923	16,567	36,804	X			not accepted/review	2454/GMcG			36,804				
424a								GA	Revised IFC HRL Drawings Section 7 - Road	54,662	35,543	24,607	54,662	X			not accepted	6536/GMcG			54,662				
424b								GA	Revised IFC HRL Drawings Section 7 - Gogar Farm	3,836	2,493	1,726	3,836	X			not accepted				3,836				
424c								GA	Revised IFC HRL Drawings Section 7 - Ingleston	266,358	173,139	119,865	266,358	X			in principle agreed	6676	250,661		15,707				
								GA	Revised IFC HRL Drawings Section 7 - Junction 210	12,013	7,406	5,406	12,013	X			not accepted								

2.085 Unapproved Changes

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes					Job Estimate Budgets			Stage of Completion	Remarks			
										Maximum	assessed	Minimum	Submitted	to be submitted	response	document	agreed	not agreed	Revenue	Direct Cost			Margin in %		
424e									Revised IFC HRL Drawings Section 7 - Glasgow	36,068	23,444	16,231	36,068	X		no decision/under		36,068			13-12%				
425									Bernard Street revisions outwith LOD																
426									Revisions to IFC drawings - Waterloo Leith Bridge																
427									Provide insurance ducts at junctions near Princes																
428									Issue of MUDFA Programme Revision 8	565,455	387,546	254,455	565,455	X				565,455							
429									Princes Street contingency route																
433b							61	2A	Traffic Management for Verity House Access Road	8,126	5,282	3,657	8,126	X				8,126	5,282	3,916	7.41%	100%			
434								1C	Traffic Management for MUDFA Works	6,884	4,345	3,008	6,884	X		In principle agreed	1836/CG	6,884	4,345	3,221	7.41%	100%			
435								SW	Utilities conflicts within 1.2 metre clearance zone																
436								5B	Carrot Knowe Bankhead Drive Corridor	1,140,671	741,436	513,300				1,140,671									
437								5B	Busgate Contamination	275,616	179,150	124,021	0	X			275,616								
438								5A	Scotrail Replacement Carpark - Contamination of	2,308,740	1,500,681	1,038,933	0	X			2,308,740								
442									Track Drainage																
443									Notified Departure due to the issue of SDS Design																
444									Notified Departure due to the issue of SDS Design																
445									Notified Departure due to the issue of SDS Design																
446								2A	Roseburn Delts Junction Landscaping																
447									Revised OLE location due to Scottish Power																
448																									
449																									
450																									
451							66	CH	RAA New Burnside Road Alignment	5,950	3,966	2,678	5,950	X		TNC 1644/3184/CG	5,950	3,966	2,657	7.41%	28%				
452									Stage D drawings for tram stops	55,722	36,219	25,071	55,722	X			55,722								
453									West Depot Entry/Exit Turnout													100%			
454								GA	5B Drainage to Guided Busway																
455								SK	Alteration of traffic management at Lathian Road	1,742	1,133	744	1,742	X		In principle agreed	1843/CG	1,742	1,133		7.41%	100%			
456								SW	Proposals for treating Grant Hogweed at Edinburgh																
457								SK	Re-use of existing kerbs																
458									Edinburgh Park Bridge - revisions to reinforcement																
459								1A	Revised Junction Layouts - Section 1A	500	325	225													
460									TRC changes - informal consultation																
461								1A	TRC changes - informal consultation - Impaction IFC																
462							66	SK	Forth Park Substation - redesign	13,794	8,966	6,201	13,794	X		In principle agreed	4399/5BA	13,794	0	8,966	6,646	7.41%	90%		
463								1A	Network Rail turning headlighting																
464								1A	Forth Parks drainage approval	13,819	8,982	6,218	13,819	X		In principle agreed	2459/DS			13,819					
465									Gogarburn Retaining Walls W14 and W15 - Survey																
466							66	7A	Redesign of Drainage at RAA ACCRC Interface	3,779	2,456	1,701	3,779	X		In principle agreed	4014/QVCG	3,779	2,456	1,621	7.41%	100%			
467									Changes to TRC 1 Drawings																
468									RAA Drainage at Depot	50,000	32,500	22,500				50,000									
469								1D	Underground Chamber - West Matland Street																
470	59								Utility Diversions associated with Lindsay Road	3,134	2,037	1,411	3,134	X		In principle agreed	2072/5543			2,699					
471									Accommodation Works - Relocate Access steps at																
472									IFC drawing changes - Section 5B - Ducting and	224,281	145,763	100,926	224,281	X		not accepted		224,281	145,763	106,057	7.41%	30%			
473								SK	Tram Stops Development Workshop - changes	157,134	102,137	70,711	157,134	X		In principle agreed	2143/RW			157,134					
474							66		Sub Station Development Workshop - changes	120,483	78,314	54,211	120,483	X		In principle agreed	2299/DC			120,483	76,311	58,053	7.41%	100%	
475								SWON	Issued to Closeout CEC Roads TAA Sign Off																
476								SK	Sewer Lining works at Waterloo Leith Bridge	5,000	3,250	2,250				5,000									
477								5A	Sewer Lining works at Waterloo Leith Bridge	3,049	1,982	1,372	3,049	X		In principle	6566/IC			3,049					
478									IFC drawings - Airport road prevention measures																
479								1A	Tower Place bridge bespoke parapet																
480									CEC's request for a turning head at Depot																
481									Changes to sub-stations arising from development																
482								CH	Culvert 1 - Excavation below formation level	29,327	19,062	13,197	29,327	X		In principle agreed	6549/SG			17,262	12,065	19,062	14,131	7.41%	100%
483									Manderston Street operational track crossover																
484									Gogar Depot South embankment reinstatement and	10,000	6,500	4,500				10,000									
485							66		Development workshop for drainage - changes	49,508	32,180	22,279	49,508	X		In principle agreed	740/507/50			43,066	6,422	32,180	23,855	7.41%	95%
486									Piling obstructions encountered at guided busway	16,168	10,522	7,285	16,168	X		In principle agreed	5533/DC			6,288	7,900	10,522	7,800	7.41%	100%
487								SK	Testing to carriage way at Leith Walk	54,198	35,229	24,369	54,198	X		In principle agreed	3351/5BA			30,670	23,528	35,229	26,115	7.41%	100%
488								1A	Diversion of cables at Tower Place bridge																
489								5A	Base Date Design to issue for Construction	130,611	84,897	58,774	130,611	X		In principle agreed	5989/5BA			3,625	126,986				
490								GA	IFC drawing changes - Ducting and Cable Routes	87,233	56,702	39,255	87,233	X		not accepted									
491									IFC drawing changes - Ducting and Cable Routes	20,000	13,000	9,000				20,000									
492								5A	IFC drawing changes - Ducting and Cable Routes	318,493	207,321	143,322	318,493	X		not accepted									
493								GA	IFC drawing changes - Section 5C - Ducting and	1,109,336	721,066	499,201	1,109,336	X		not accepted									
494								1A	IFC drawing changes - Ducting and Cable Routes																

2.085 Unapproved Changes

										Assessment			Status on unapproved changes					Job Estimate Budgets									
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	response	document	agreed	not agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks				
																								13-12/8			
								SK	FC drawing changes - Ducting and Cable Routes	305,672	199,337	138,002	305,672	X													
								SK	FC drawing changes - Ducting and Cable Routes	754,397	490,358	339,479	754,397	X													
								SK	FC drawing changes - Ducting and Cable Routes	424,232	275,751	190,904	424,232	X													
								SK	Princes street arches																		
								SK	FC issue drawings for Bus Lane and Tramonly	732,253	475,964	329,511	732,253	X													
	74,74a							SC	RWS Tramslop - Provide Future Proofing	6,409	5,466	3,784	6,409	X		TNC	4944,5579			5,466		4,052	7,41%	100%			
								DG	Track side signage																		
								GA	Additional lighting columns at Carrick Knowe Bridge			152															
								SK	Removal of obstructions at Russell Road Retaining Wall	62,901	40,845	28,305	62,901	X							40,845	30,308	5,41%	100%			
								SW	Revised FC Russell Road Retaining Wall - Additional footway across Depot Access Bridge	25,000	16,250	11,250						25,000									
								SK	GLE pole modifications - supply of linas																		
								SK	FC drawing changes - Section 7A - Ducting and Piling obstructions - alternative design required.	140,600	91,390	63,270	140,600	X													
								SA	511 Depot - Movement of Air Compressor Room	216,679	140,971	97,596	216,679	X													
								SK	FC changes to Kerbs, Footways, Cycleways, FC changes to Road Restraint Systems																		
								SWON	513 Floating Slab In City Centre																		
								SW	514 FC changes to Road Markings and Sluds																		
								SA	515 Removal of asbestos from plots 96,97, 101 & 102 at																		
								SK	519 Revised scope St Andrew Square																		
								SK	520 Traffic Management to accommodate re-introduction of Disaster Recovery Centre	114,311	74,302	51,440	114,311	X													
								SK	521 Disaster Recovery Centre	6,513	4,233	2,93	6,513	X													
								SK	522 Leith Walk railway bridge - special tracklam																		
								SC	523 A&U Underpass - support and piling for equipment	80,348	52,226	36,157	80,348	X													
								SK	524 Leith Walk - A&U apparatus diversions during development workshop for earthing and bonding -	54,703	35,557	24,611	54,703	X													
								SK	525 Changes to Traffic Regulation Orders at Grosvenor	58,677	38,140	26,404	58,677	X													
								GA	526 Network Rail Access Road	157,654	102,475	70,944	157,654	X													
								SK	527 FC Drawing changes - Roads, Streetlighting, Gogarland Hill profile redesign	446,619	290,303	200,979	446,619	X													
								SK	529 Gogarland Hill profile redesign	50,000	32,500	22,500	22,789	X													
								SK	530 Notified Departure due to the issue of SDS Design																		
								SK	531 Notified Departure due to the issue of SDS Design																		
								SK	532 Notified Departure due to the issue of SDS Design																		
								SW	533 Notified Departure due to the issue of SDS Design																		
								SK	534 Notified Departure due to the issue of SDS Design																		
								SK	535 Amendments to Tower Place bridge																		
								SK	536 Incomplete Utility works	17,324,225	11,260,746	7,795,901	17,324,225	X													
								SK	537 Noise and vibration works arising from the study	80,431	52,280	36,194	80,431	X													
								NA	538 DO NOT USE																		
								CH	539 Airport Tramslop GLE base cash with canopy																		
								SK	540 Edinburgh Airport Platform changes																		
								SK	541 Edinburgh Airport - CEC changes	19,938	12,950	8,972	19,938	X													
								SK	542 Cundy Works - change #5-100	1,903	1,237	868	1,903	X													
								SK	543 Additional parapet upstand on deck of Carrick	13,131	8,535	5,909	13,131	X													
								SK	544 Remove Bus Shelters In George Street																		
								SK	545 Airport Phase A works delay due to drains setting	70,300	45,695	31,635	70,300	X													
								SK	546 Changes to power supply Substation, initially TNC 11																		
								SW OFF	547 Accommodate on Works - Section 5																		
								ID	548 CEC's amendments to street lighting	2,225	1,448	1,001	2,225	X													
								GA	549 Amend Trackform at stated locations																		
								SA	550 Viking Yards Car Park alterations																		
								SA	551 Below Ground Obstructions - Piling to Russell Road	66,009	42,906	29,704	66,009	X													
								SK	552 Edinburgh Airport CCRG Walkway Earthing and	6,208	4,035	2,738	6,208	X													
								SK	553 Bus Gate protection and diversion of existing services	43,866	28,513	19,740	43,866	X													
								SK	554 Edinburgh Park Private Utility diversions being																		
								SK	555 South Gyle Access Bridge Existing Sewer Diversion																		
								SC	556 A&U Underpass grouting of existing sewer	85,041	55,277	38,269	85,041	X													
								SK	557 Scottish Power Cable at Gyle Stop RTW																		
								GA	558 Revised FC drawings for Gogar Roundabout	45,552	29,609	20,499	45,552	X													
								SK	559 Lindsay Road - Additional roadworks																		

2.085 Unapproved Changes

													Assessment					Status on unapproved changes					Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	response	document	agreed	not agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks				
629						3A		GA	IFC Drawing changes for Section 2 Track Drainage				8,097	X			25,120	17,023				100%	13-12/8				
630						3A		GA	Haymarket Viaduct Retaining Wall W21	5,000	3,250	2,250	4,233				787	4,233	3,250	2,409	7.41%	100%					
631						7A		CH	CLE pole foundations - BDD - IFC - Section 7	94,127	61,182	42,557	94,127	X	not accepted	5936/CB & 6061		94,127	61,182	45,354	7.41%	100%					
632						3A		CH	Existing manhole at Russell Road Underbridge																		
633						3A		SK	Lower Place Bridge - Unforeseen ground conditions	1,500		675					1,500		978	723	7.41%	100%					
634						3A		CH	Invasive Species - Giant Hogweed	10,000	6,500	4,500					10,000										
635						2A		CH	Haymarket Viaduct - Existing RT Cable and																		
636						3A		CH	Notified Departure due to the issue of SDS Design																		
637						3A		CH	Notified Departure due to the issue of SDS Design																		
638						3A		CH	Section 3 Drainage (Scottish Water) Approvals																		
639						5A		CH	Murrayfield tramstop revised layout																		
640						SW OFF		CH	Provisional Sum - Network Rail Possession Staff	66,695	43,482	30,100	66,695	X				66,695	43,482	32,233	7.41%	100%					
641						2A		CH	Undefined Prov Sum Schedule 4 Table 2 Item 3	4,547	2,958	2,046	4,547	X				4,547									
642	106					2A		CH	Artificial obstructions at Russell Road Under Bridge																		
643						1C		SK	Elder Street Junction redesign																		
644						1C		SK	HV Jennisers - Additional reinforcement																		
645						3A		CH	A8 Underpass - Phase 4 piling obstructions	32,039	20,625	14,410	32,039	X	in principle agreed	5867/ES	26,977	5,062	20,625	15,436	7.41%	100%					
646	107					3A		CH	Transfer of Principal Contractor CDM responsibility	136,012	69,706	62,109	136,012	X				136,012									
647						3A		CH	Promotion of Traffic Regulation Orders (TROs) by																		
648	105					3A		CH	Tramstops - Changing Brand Guidelines, TVMs and	63,592	41,335	26,611	63,592	X				63,592									
649						3A		CH	Usted Building Consents - Dublin Street																		
650						3A		CH	Festival embargos extended by 2 weeks																		
651	103					7A		CH	Removal of Giant Hogweed in Plot 304	19,366	12,588	8,778	19,366	X	in principle agreed	6305/GMcG	6,580	12,606	12,588	9,331	7.41%	100%					
652						1A		GA	Remove existing sewer in Section 1A	18,000	11,700	8,100					18,000										
653						1A		SK	Jane Street Radio Mast - Feasibility Study and Site	3,045	1,979	1,370	3,045														
654						3A		CH	Section 2A - Phase 1A/IB Interface design																		
655						3A		CH	Roseburn Viaduct Structures - Additional	500,000	325,000	225,000					500,000										
656						CH		CH	CLE soft/hard ground (Clie Hughes)														20%				
657						SW		SK	UJ signs requirements from CEC																		
658						2A		CH	CLE Foundation 200-249 at Haymarket Yards																		
659						1A		SK	Live HV cable discovered at Structure W1 - Lindsay	4,000	2,600	1,600					4,000		2,600	1,927	7.41%	100%					
660						3A		SK	Lindsay Road retaining wall finish	1,500		675					1,500										
661						3A		CH	Reserved for Ballizar																		
662						5A		GA	Test Soil Nailing	42,693	27,680	19,302	42,693	X				42,693									
663						5A		CH	Test Soil Nailing																		
664						GA		GA	Buigate: Scottish Power HV Cable Clash with	14,602	9,492	6,571	14,602	X				14,602									
665						5A		CH	Buigate Drainage Works - Ground Conditions	10,350	6,728	4,658	10,350	X				10,350		6,728	4,987	7.41%	100%				
666						3A		CH	Excavation through rock within drainage run	50,000	32,500	22,500					50,000										
667						3A		CH	Agree to Carick Knowe - Ground Conditions	8,619	5,602	3,879	8,619	X				8,619									
668						3A		CH	Siewing of existing ducts within the excavation line	11,621	7,553	5,229	11,621	X				11,621									
669						2A		CH	Utilities within Infrac Works T Q 2075 - 125mm	5,000	3,250	2,250					5,000										
670						GA		CH	Ch 200-109 Haymarket Yards - Unforeseen Ground	11,755	7,641	5,290	11,755	X				11,755									
671						3A		CH	Edinburgh Park Station Tramstop BDD to IFC	29,530	19,234	13,311	29,530	X				29,530									
672						GA		CH	The Cyle Centre	51,624	33,555	23,231	51,624	X				51,624									
673						3A		CH	JAA for N1 Crossing 1 & 2	8,564	5,567	3,854	8,564	X				8,564									
674						3A		CH	Extension of the Maccaffertini 'RENCO' mattresses	22,021	14,314	9,909	22,021	X				22,021		14,314	10,610	7.41%	100%				
675						3A		CH	Installation of Gabion Wall at Ch 711975 - 711995	28,065	16,255	12,639	28,065	X				28,065		16,255	13,633	7.41%	100%				
676						3A		CH	Haymarket Viaduct Water Pipe																		
677						2A		GA	Track slab and CHLE base/Existing Gas Main Clash	5,000	3,250	2,250					5,000										
678						7A		CH	Impact of Tram Infrastructure on flood risk in the																		
679						1A		SK	Lindsay Road Retaining Wall 1A - Ground	2,500	1,625	1,125					2,500		1,625	1,205	7.41%	100%					
680						3A		CH	Additional changes to Gogar Burn Bridge																		
681						7A		CH	Flooding Issue due to SA Are directing water																		
682						7A		CH	Pumping station increased depth (7A/N10/IPS)																		
683						3A		CH	Gogar Castle Access - Junction 205																		
684						1A		CH	Lighting Change for combines CLE Lighting on																		
685						1A		CH	Existing Ducts within excavation for South East																		
686						1A		CH	Archaeological Findings	11,375	7,394	5,116	11,375	X				11,375									
687						SW OFF		GA	Electrification of Air Duct to Ballgare Rail Link Project																		
688						1A		CH	Unable to commence fill operations	5,000	3,250	2,250					5,000										

Project: **Edinburgh Tram Network**

as per: **31/01/2011**

2.085 Unapproved Changes

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes				Job Estimate Budgets			Stage of Completion	Remarks			
										Maximum	assessed	Minimum	Submitted	to be submitted	response	document	agreed	not agreed	Revenue			Direct Cost	Margin in %	
																					13-12/8			
						5A		GA	Ch530000 to 530480, Utilities Protection Measures	2,430	1,579	1,093	2,430	X					2,430					
						5A		GA	Utilities Protection Measures (Gas Main)	27,180	17,667	12,231	27,180	X	In principle	7085			27,180	17651	13,096	7.41%	100%	
695						5A		GA	Scotrail Car Park Barrier and Security	10,000	6,500	4,500				10,000								
						2A		GA	Ch 200-127, Utilities Clash	5,000	3,250	2,250				5,000								
									Ch 200+215 Unforeseen Ground Conditions / Sewer	1,022			1,022	X										
696									FC Drawing Changes - Soft Landscaping	88,807	57,725	39,953	88,807	X					88,807					
699									FC Drawing Changes - Soft Landscaping	5,177	3,355	2,330	5,177	X					5,177					
									FC Drawing Changes - Soft Landscaping	55,329	35,964	24,894	55,329	X					55,329					
701									Additional Interlocking remould reset functions															
	116					1A			Pedestrian Guardrail - change In CEC Specification	2,471	1,606		2,471	X										
703						1A			Planning Permission Access to cruise liner area															
						1A			Excavator of rock in sections 2 A and 5A			34												
									Unforeseen Ground Conditions Ch 200+125	5,000	3,250	2,250			5,000	In principle								
706 p12						1A			Tower Place Bridge Suspension of Works 19/11/10	76,452	49,694	34,403	76,452	X					76,452					
705 p13	119C								Tower Place Bridge Diversion TNC 119 C	12,193	7,926	5,48	12,193	X					12,193					
						5C			Introduction of New Trackform in area of Depot Halt															
								GA	Existing Services in footpath Haymarket Terrace	7,949	5,167	3,577	7,949						7,949					
						1A			Cycle path to be incorporated as per design ref															
						7A			Services conflict Edinburgh Airport															
711									Ground Water Issue surrounding Badger Sett															
708									Earthing and Bonding to W15A & W15C															
713									Change to Ingliston Park & Ride Substation															
714						7A			Service conflict at Gogar Farm road and Gogar															
715									FC to IFC Ducting variations															
716									Ducting Alterations chainage 712170-010															
717									Updated non-contestable lots and substations			301												
									Amendment to South Cope Duct Work	2,947	1,915	1,326	2,947	X					2,947					
718									Site Clearance @ DD1 - IFC	324,869	211,165	146,191	324,869	X					324,869					
									Section 5B Stenhouse Drive Retaining Wall and	150,000	97,500	67,500						150,000						
									Temporary Storage of tram No252															
723	124					5A			Incorporate Murrayfield Accommodation Works into															
TOTALS										88,474,423	57,508,375	39,813,490	77,756,372		10,718,051				7,254,804	5,377,912	7.36%	93%		

maximum potential of changes
under preparation
88,474,423.06

no confirm documents submitted changes
6,732,201

71,024,172

sum of related budgets
unapproved changes
7,254,804

5,377,912

7.36%

93%

77,756,372

6,717,013

Accepted values on unapproved changes by the client
11,161,237 **7,254,804** **5,022,557**
8,591,104 **4,684,671** **2,452,424**

2,570,133

2,570,133 **1,905,213**
4,684,671 **3,472,699** **7.41%**
4,337,401

Project: **Edinburgh Tram Network**

as per: **31/01/2011**



2.09 Payment Status

PROGRESS		INVOICE							PAYMENT				
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE %	RETENTION MONEY %	OTHERS (%)	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance													
1	MONTH	500,000	21,389,899	19,100,000	-2,289,899	0	0	0	19,100,000	30/06/2008		0	
May08	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	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	-2,023,687				27,958,437			27,333,331	
8	MONTH	2,480,873	5,108,480	1,116,659	-3,991,821	0	0	0	1,116,659	22/01/2009	08/12/2008	1,741,764	
Dec-08	ACCUM.	12,940,002	35,090,604	29,075,095	-6,015,509				29,075,095		23/12/2008	29,075,095	
9	MONTH	584,252	5,960,121	1,858,032	-4,102,089	0	0	0	1,858,032	02/03/2009	30/01/2009	1,858,032	
Jan-09	ACCUM.	13,524,254	41,050,724	30,933,127	-10,117,597				30,933,127			30,933,127	
10	MONTH	1,739,311	0	1,288,964	1,288,964	0	0	0	1,288,964	19/03/2009		0	
Feb-09	ACCUM.	15,263,565	41,050,724	32,222,091	-8,828,633				32,222,091			30,933,127	
11	MONTH	1,578,820	0	3,532,588	3,532,588	0	0	0	3,532,588	03/04 & 04/03/2009	04/03/2009	2,979,868	
Mar-09	ACCUM.	16,842,385	41,050,724	35,754,680	-5,296,045				35,754,680	17/04/2009	17/03/2009	33,912,994	
12	MONTH	3,034,909	2,429,613	2,227,854	-201,759	0	0	0	2,227,854	14/05/2009	14/04/2009	1,841,685	
Apr-09	ACCUM.	19,877,294	43,480,338	37,982,534	-5,497,804				37,982,534			35,754,680	
13	MONTH	2,268,403	3,383,746	0	-3,383,746	0	0	0	0	05/06/2009	11/05/2009	2,227,854	
May09	ACCUM.	22,145,697	46,864,083	37,982,534	-8,881,549				37,982,534			37,982,534	
14	MONTH	2,048,589	4,050,740	2,264,088	-1,786,652	0	0	0	2,264,088	02/07/2009	03/06/2009	2,264,088	
Jun-09	ACCUM.	24,194,286	50,914,824	40,246,623	-10,668,201				40,246,623			40,246,623	
15	MONTH	1,531,274	6,303,137	7,760,338	1,457,200	0	0	0	7,760,338	27/07/2009	02/07/2009	4,560,338	invoiced: regular & Phase 1B
Jul-09	ACCUM.	25,725,560	57,217,961	48,006,960	-9,211,001				48,006,960	05/08/2009	28/07/2009	44,806,960	paid: Invoice No 18 & 19
16	MONTH	6,312,045	2,177,338	3,020,906	843,567	0	0	0	3,020,906	25/08/2009	05/08/2009	6,220,906	paid: Phase 1B
Aug-09	ACCUM.	32,037,605	59,395,299	51,027,866	-8,367,434				51,027,866	25/08/2009	25/08/2009	51,027,866	paid: Regular Invoice
17	MONTH	3,782,691	2,666,077	2,400,346	-265,731	0	0	0	2,400,346	25/09/2009		2,400,346	
Sep-09	ACCUM.	35,820,296	62,061,377	53,428,212	-8,633,165				53,428,212			53,428,212	
18	MONTH	3,930,846	5,478,014	5,379,520	-98,494	0	0	0	5,379,520	12/11/2009	27/10/2009	2,194,682	
Oct-09	ACCUM.	39,751,142	67,539,390	58,807,732	-8,731,659				58,807,732			55,622,894	
19	MONTH	7,287,813	0	4,173,384	4,173,384	0	0	0	4,173,384	11/12/2009	11/11/2009	3,184,837	
Nov-09	ACCUM.	47,038,955	67,539,390	62,981,116	-4,558,274				62,981,116			58,807,732	
20	MONTH	3,634,709	6,183,662	2,737,744	-3,445,918	0	0	0	2,737,744	14/01/2010	11/12/2009	4,173,384	
Dec-09	ACCUM.	50,673,664	73,723,052	65,718,860	-8,004,192				65,718,860			62,981,116	
21	MONTH	2,632,320	6,003,862	2,344,664	-3,659,197	0	0	0	2,344,664	10/02/2010	13/01/2010	2,737,744	
Jan-10	ACCUM.	53,305,984	79,726,914	68,063,524	-11,663,390				68,063,524			65,718,860	
22	MONTH	4,076,901	4,529,095	2,153,902	-2,375,192	0	0	0	2,153,902	16/03/2010	12/02/2010	2,344,664	
Feb-10	ACCUM.	57,382,885	84,256,008	70,217,427	-14,038,582				70,217,427			68,063,524	
23	MONTH	5,170,181	3,493,091	0	-3,493,091	0	0	0	0			2,153,902	
Mar-10	ACCUM.	62,553,066	87,749,099	70,217,427	-17,531,672				70,217,427			70,217,427	
24	MONTH	5,755,480	4,407,498	2,654,337	-1,753,160	0	0	0	2,654,337	07/04/2010	07/04/2010	2,654,337	
Apr-10	ACCUM.	68,308,546	92,156,597	72,871,764	-19,284,833				72,871,764			72,871,764	
25	MONTH	4,237,947	4,518,158	7,602,958	3,084,800	0	0	0	7,602,958	10/05/2010	07/05/2010	619,967	

Project: **Edinburgh Tram Network**
 as per: **31/01/2011**



2.09 Payment Status

PROGRESS			INVOICE							PAYMENT			
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE %	RETENTION MONEY %	OTHERS (%)	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance										0			
Jun-10	ACCUM.	78,137,539	30	97,800,937	83,558,373	-14,242,564			83,558,373			76,997,861	
27	MONTH	5,112,306		2,634,852	3,166,372	531,521	0	0	3,166,372	30/06/2010	01/07/2010	5,615,350	
Jul-10	ACCUM.	83,249,845	31	100,435,788	86,724,745	-13,711,043			86,724,745	02/08/2010	29/07/2010	82,613,211	
28	MONTH	5,778,761		3,091,419	5,459,583	2,368,164	0	0	5,459,583	01/09/2010	26/08/2010	1,706,129	
Aug 10	ACCUM.	89,028,606	32	103,527,207	92,184,328	-11,342,879			92,184,328			84,319,339	
29	MONTH	5,590,133		6,564,542	3,091,336	-3,473,206	0	0	3,091,336	28/09/2010	23/09/2010	1,528,454	
Sep-10	ACCUM.	94,618,739	33	110,091,750	95,275,664	-14,816,086			95,275,664			85,847,793	
30	MONTH	3,375,291		2,131,595	2,247,117	115,521	0	0	2,247,117	21/10/2010	21/10/2010	2,603,351	
Oct-10	ACCUM.	97,994,030	34	112,223,345	97,522,781	-14,700,564			97,522,781			88,451,144	
31	MONTH	2,022,086		3,090,672	2,040,677	-1,049,995	0	0	2,040,677	10/11/2010	15/11/2010	1,803,041	
Nov-10	ACCUM.	100,016,116	35	115,314,017	99,563,458	-15,750,559			99,563,458			90,254,186	
32	MONTH	852,200		1,074,737	1,161,461	86,724	0	0	1,161,461	08/12/2010	16/12/2010	1,508,782	
Dec-10	ACCUM.	100,868,316	36	116,388,754	100,724,919	-15,663,835			100,724,919			91,762,968	
33	MONTH	1,573,155		1,456,051	1,790,807	334,755	0	0	1,790,807	11/01/2011	12/01/2011	673,476	
Jan-11	ACCUM.	102,441,471	37	117,844,805	102,515,726	-15,329,080			102,515,726			92,436,444	
											92,436,444		
											(w/o Advance Payment)		

Project: **Edinburgh Tram Network**as per: **31/01/2011**

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	1	33%	7 no. observations for improvement also raised
EXP001/10	06/09/2010	1	0	0%	12 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-BSC-01-2010	26/09/2010	13	0	0%	
TQA-BSC-08-2010	07/12/2010	11	10	91%	

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	10	2	3%	8	-	2	-	25%
1B	-	-	-	-	0	-	0	-	0%
1C	13	12	12	92%	14	1	9	-	64%
1D	31	31	29	94%	6	-	3	-	50%
2	37	24	21	57%	14	-	10	-	71%
5A	12	0	0	0%	2	-	2	-	100%
5B	59	34	1	2%	18	-	12	-	67%
5C	27	6	0	0%	8	1	4	-	50%
6	35	27	8	23%	62	3	34	-	55%
7	73	45	39	53%	11	-	8	-	73%
System NCRs (non-audit)					143	5	84	0	59%
Cancelled					10	-	10	-	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. New ITP's for Road restraints and Street Lighting and electrics have been submitted to tie for Approval. With the cessation of works in many sections ITP's were being reviewed in order to get them completed and handed over to BB for filing in the main office until such time as works recommence. TIE external audit on 7th December continues to be closed out. Details of which are outlined in the table above. a meeting to discuss closure of audit findings on TQA-CEC-BSC-01-2010 was held during January, responses being formulated by BB to be returned to TIE. O&M Manual compilation by Barr for the depot is under way and is being reviewed as work progresses. the document control processes and procedures have been amended on the project. the updated procedure shall be available for use in February.

Project: **Edinburgh Tram Network**

as per: **31/01/2011**



2.12 Safety Information System - SIS

Bilfinger Berger Civil⁵ - Monthly Safety Report

0510

Month	Prepared by					Contact phone or email.	
Site or office and Unit ⁵ Edinburgh Tram Project	BB¹ Managers and Supervisors	BB¹ workers	JV people	Sub-contractors³	Agency / hired people under BB control	Total	Others, eg public
Number	44		68	115		227	
Hours ²	7346		11,696	16280		35322	
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						0	
1st Aid only						0	
Days lost ⁶ for this months accidents and any from previous accidents						0	
Incidents							
Causing damage				1		1	
Environment Ecology / Pollution						0	
Not work related eg flood, bomb scare						0	
Near misses, hazards reported				1		1	
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
Return to OHS-Wi by 8th of following month		OHS-Wi email: QM@civil.Bilfinger.com			OHS-Wi fax 0049 (0)611 708 236		

1. Average number of BB 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 working days. You may have days lost to report from an old accident but no accident this month
- *Definition for a 3D+ accident includes weekends but not day of accident. You should check if man is available or fit for work during a weekend, then it may not be a 3Day+

3.01 Overview 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							12		12
22	Issued for External Approval (IFEA), to be IFC	17	178	24	-	98	1	36	354		354
23	Issued for Construction (IFC)	102	563	120	-	803	305	185	2,078		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%