

EDINBURGH TRAM NETWORK

Monthly Project Report April 2011



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: April 2011

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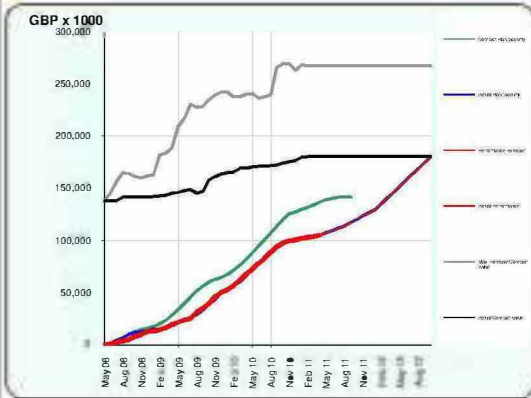
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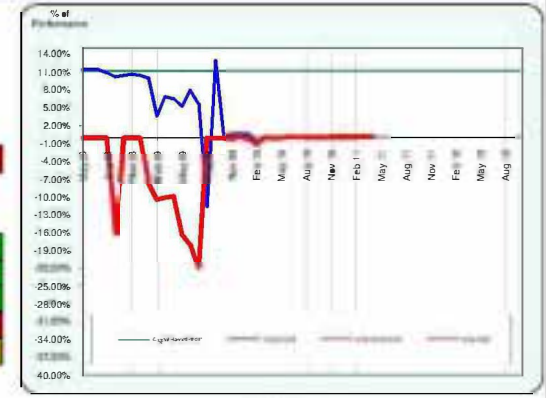
1.01 Project Overview Charts



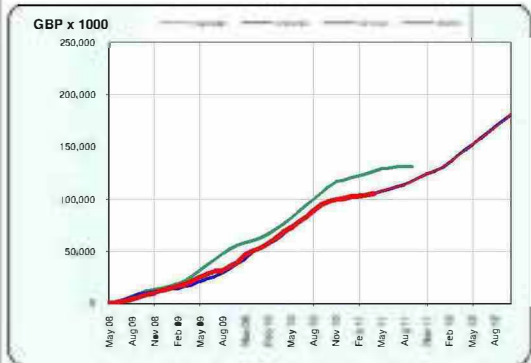
Performance

	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
Total contract value [GBPx1000]	141,509			180,368	
Claims / Variations approved				46,086	
Claims / Variations not approved				86,660	
Performance		105.649		105,468	99.8%
Actual Cost to Date				105,458	100.0%
Result	11.07%	-0.15%	-0.15%	0.01%	0.00%
Payment Status		105.315		93,824	89.1%
Av.Perf/mth: Rem. & act. 3mth			4.993	1,009	

Project Key Figures



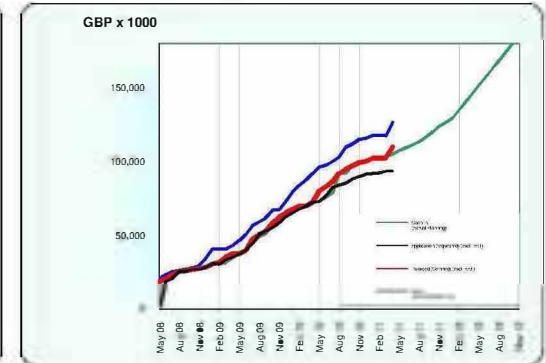
Project Result



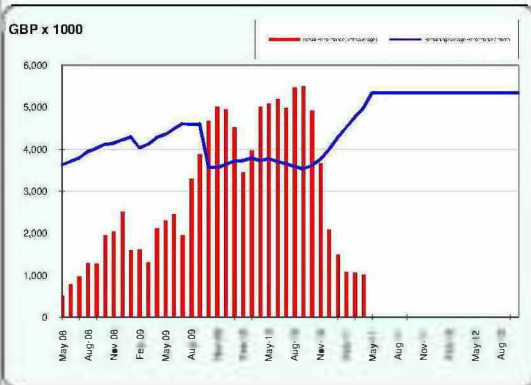
Project Cost



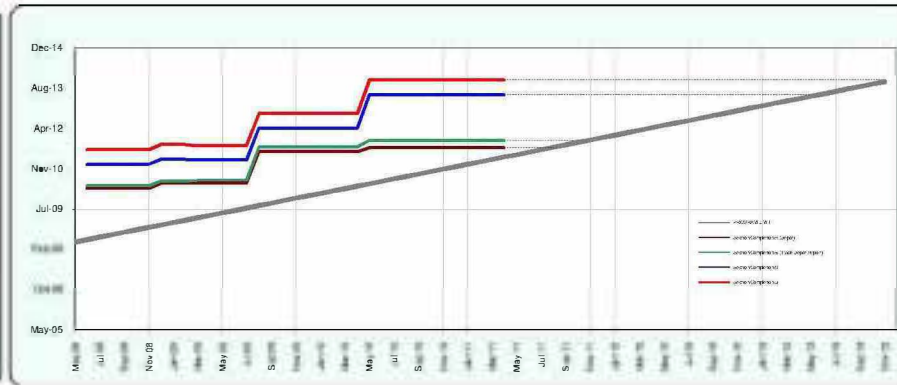
Cashflow



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 was limited to execution of approved changes or Original Contract Works. Works at Depot Access Bridge, Depot Building and some external works at the Depot Area were performed on this basis only. After mediation a defined schedule for a limited work scope was agreed (Prioritised Works). Remobilisation for restart works on Princes Street for enabling, Haymarket Yards, A8 Underpass and on a Mini Test Track in front of the Depot started. Works will commence in May.</p>												
1.2.2	Project Cost												
	<p>The main cost overrun is still due to cost and resource increases mainly caused by:</p> <ul style="list-style-type: none"> - subcontracts (standby claims, additional works) - extension of time (staff, financial, running site) - consultants and design works - insurances and bonds - cost for legal fees <p>Strict control measures on expenditures, employment etc. have been established as well as monthly cost control meetings with the relevant site management to increase awareness and effectiveness of cost control.</p>												
1.2.3	Project Result												
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">The monthly cumulative results adds up to</td> <td style="width: 10%; text-align: right;">£10,743</td> <td style="width: 10%; text-align: center;">or</td> <td style="width: 20%; text-align: right;">0.01%</td> </tr> <tr> <td>The forecast/planned result shows</td> <td style="text-align: right;">-£262,498</td> <td style="text-align: center;">or</td> <td style="text-align: right;">-0.15%</td> </tr> </table> <p>caused by the fluent situation of the project, i.e. no agreement on more than 200 changes, time extension and fundamental contractual disagreements, i.e. Value Engineering, Provisional Sums. Under the current circumstances and expecting additional revenue as shown in the R&O Sheet the project will result in a weighted margin of</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 10%; text-align: right;">£14,815</td> <td style="width: 10%; text-align: center;">or</td> <td style="width: 20%; text-align: right;">7.07%</td> </tr> </table> <p>To secure a low risk profile the contractual team has been strengthened to facilitate a positive outcome on the legal disputes.</p>	The monthly cumulative results adds up to	£10,743	or	0.01%	The forecast/planned result shows	-£262,498	or	-0.15%		£14,815	or	7.07%
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The forecast/planned result shows	-£262,498	or	-0.15%										
	£14,815	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;">£110,503,751.60</td> <td style="width: 40%;"></td> </tr> <tr> <td>Paid net from the client:</td> <td style="text-align: right;"><u>£93,824,442.27</u></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;"><i>Variance</i> £16,679,309.33</td> <td></td> </tr> </table> <p>The variance above incl. an amount of £8,919,575.23 for not certified but invoiced prelims and an amount of £7,759,734.10 certified construction works to be paid in early May.</p>	Invoiced net to the client:	£110,503,751.60		Paid net from the client:	<u>£93,824,442.27</u>			<i>Variance</i> £16,679,309.33				
Invoiced net to the client:	£110,503,751.60												
Paid net from the client:	<u>£93,824,442.27</u>												
	<i>Variance</i> £16,679,309.33												
1.2.5	Cashflow												
	<p>The ETN project cash flow turned negative within October but expecting the income within May the cashflow will turn back positive.</p> <p>For the above mentioned limited scope of works to proceed with a milestone schedule for payments could be agreed in timely manner. 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;">£94,523,323.06</td> <td style="width: 40%; text-align: right;">(incl. interest income)</td> </tr> <tr> <td>Cash out net:</td> <td style="text-align: right;">£101,702,001.32</td> <td></td> </tr> <tr> <td>Cash balance net:</td> <td style="text-align: right;">-£7,178,678.26</td> <td style="text-align: right;">(internal balance)</td> </tr> </table>	Cash in net:	£94,523,323.06	(incl. interest income)	Cash out net:	£101,702,001.32		Cash balance net:	-£7,178,678.26	(internal balance)			
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Cash out net:	£101,702,001.32												
Cash balance net:	-£7,178,678.26	(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> <p>A new programme based on the outcome of the ongoing mediation is under preparation.</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 August 2011.</p> <p><u>Procurement :</u> No new procurement under current circumstances ongoing. Expecting a positive outcome of the mediation and to proceed with the limited work scope, procurement startet on tendering and negotiations for those works.</p> <p><u>Construction :</u> Off-Street works have continued at Depot Access Bridge, Depot Building and smaller external works at the Depot Area . Remobilisation for restart works on Princes Street for enabling, Haymarket Yards, A8 Underpass and on a Mini Test Track in front of the Depot startet. Works will commence in May.</p> <p><u>Contract :</u> Negotiations Minutes of Variation for a new work scope are ongoing. As first step Minutes of variation for Prioritised Works starting 03 May 2011 could be agreed on the 15 April 2011.</p>		
1.3.2	Significant extraordinary events		
	Date	Description	Remarks
1.3.3	Recent important agreements with the Employer or instructions having significant consequences		
	Date	Description	Remarks
	15/04/2011	Minutes of Variation on Prioritised Works	
1.3.4	Status on Major Unapproved Claims / Variations / Changes		
	<p>796 change items notified to date 105 by tie and 691 by Infracore).</p> <p>136 of these have been superseded by further changes or withdrawn.</p> <p>75 of the remaining changes have a delay only impact and are covered through the MUDFA/EOT-Claims, whereof 4 are submitted to date and 1 change were received.</p> <p>Therefore there are 585 changes requiring design and construction estimates.</p> <p>490 changes are submitted.</p> <p>Of this 205 changes were confirmed by tie. Further 5 small works changes were received.</p> <p>587 submitted changes are under review in tie.</p> <p>95 estimates are to be submitted whereof:</p> <ul style="list-style-type: none"> - 31 are design only - 16 are awaiting design information 		

1.04 Performance Sheet

1. General Information		2. Construction Period		Original Contract	Revised Contract	Variance
Client:	tie LIMITED	Construction start date	15-May-08	15-May-08	0 days	
Leadership:	BILFINGER BERGER UK LIMITED	Construction end date	16-Jul-11	05-Jun-12	325 days	
	Share: 100%	Total excl. Site Removal	38 month	49 month	128 %	
	Share: 0%	Expired construction time	35.5 month	35.5 month	73 %	
Currency:	GBP Rp. (all amounts without V.A.T.)	Performance to date			105,468,446 GBP	58 %
Rate of Exchange Top Sheet:	1 GBP = 1.25 EUR	Actual:	1.12	EUR		

2. Total Contract Value		Date of Contract	Total Previous Month	April 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%	180,355,879	134.3%	11,775
Contract Value with 3rd Parties (without interest)	0	0.0%	0	0.0%	0
			180,355,879	134.3%	11,775
					180,367,654
					134.3%

3 Approved Changes total	46,074,670	34.3%	11,775	46,086,445	34.3%
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3a. Provisional Sums		Total Previous Month	April 2011	Total Reporting Month
SDS Novation Agreement Provisional Sums		3,079,331	2.3%	0
Defined Provisional Sums		181,489	0.1%	0
Undefined Provisional Sums		789,819	0.6%	0
				789,819
				0.6%

3b. Claims and Variations		Total Previous Month	April 2011	Total Reporting Month
Claims and Variations approved (-Total VOs Approved - 3a Provisional Sums)		42,024,031	31.3%	11,775
Claims and Variations submitted but not approved yet		75,992,637	56.6%	-40,831
Claims and Variations under preparation		10,713,851	8.0%	-5,574
				42,035,806
				31.3%
				75,951,806
				56.6%
				10,708,277
				8.0%

4a. Performance		Total Previous Month	April 2011	Total Reporting Month
Performance for Actual Contract Value with Client		104,044,168	57.69%	1,424,278
Performance for 3rd Parties (without interest)		0	0.00%	0
Total Performance to Date		104,044,168	57.69%	1,424,278
Remaining Performance to Date		76,311,711	42.31%	
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		104,044,168	57.69%	1,605,000
				105,649,168
				58.57%

4b. Cost		Total Previous Month	April 2011	Total Reporting Month
Actual Cost at Reporting Date		104,050,657	57.69%	1,407,046
				105,457,703
				58.47%

5. Result		Date of Contract	Total Previous Month	April 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%	11,741,168	6.51%	767
Actual Result at Reporting Date			-6,489	-0.1%	17,232
Forecast Result at the End of Contract			-266,359	-0.15%	3,861
Weighted Result at the End of Contract (Likely Case)			14,829,710	7.07%	-14,994
					14,814,716
					7.07%

6. Invoices, Payment and Bank account		Total Previous Month	April 2011	Total Reporting Month
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	117,844,805
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	103,003,752
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	93,824,442
Cash in from 3rd Parties - excl. VAT				0
Interest income				703,637
Cash out (excl. VAT)				100,348,082
Net Liquidity	cred/line	0	0%	-5,820,003
				9,057,032
				126,901,837
				70.36%
				7,500,000
				110,503,752
				61.27%
				0
				93,824,442
				52.02%
				0
				0
				0
				698,881
				0.66%
				1,353,919
				101,702,001
				56.39%
				-1,358,675
				-7,178,678
				-3.98%

7. Subcontractor Work (incl. Design)		Total Previous Month	April 2011	Total Reporting Month
Total Portion of Subcontractor Budget	60,353,024 (incl. SDS)	44.95%	120,279,089	66.69%
Total Amount of signed Subcontracts incl. approved Variation Order			0	0.00%
Total Subcontractor Result to date			0	0.00%
Actual Subcontractor Costs to date (incl. Accruals)			0	0.00%
Therefrom invoiced to date			0	0.00%
				23,782
				120,302,871
				66.70%

8. Actual Forecast for Performance and Result in TSD GBP

Performance	Original planned			
	2008	2009	2010	2011
Jan	1,706	2,786	2,346	
Feb	2,526	4,026	2,026	
Mrz	3,526	5,026	2,526	
Apr	4,526	5,276	2,526	
Mai	855	5,776	6,026	2,526
Jun	1,355	5,776	6,526	1,026
Jul	2,375	5,776	6,526	1,026
Aug	2,855	6,026	6,526	
Sep	3,055	4,626	6,526	
Okt	2,855	4,026	6,526	
Nov	1,535	2,526	5,026	
Dez	1,446	1,866	1,706	
Total	16,334	48,678	62,498	13,999

Linear Calculation

Actual / Forecast					
	2008	2009	2010	2011	2012
	584	2,632	1,573	3,140	
	1,739	4,077	815	5,583	
	1,579	5,170	788	5,583	
	3,035	5,755	1,424	5,583	
	500	2,268	4,337	2,288	5,583
	1,052	2,049	5,492	2,107	5,583
	1,331	1,531	5,112	2,107	5,583
	1,485	6,312	5,779	2,107	5,583
	1,047	3,783	5,590	3,056	5,583
	3,340	3,931	3,375	3,616	5,583
	1,725	7,288	2,022	3,616	
	2,481	3,635	852	2,616	
	12,940	37,734	50,195	26,113	53,386
					total: 180,368

Yearly Forecast		
Performance and Result in 2008		
Performance	12,940,002	7.2%
Result	2	0.00%
Performance and Result in 2009		
Performance	37,733,662	20.9%
Result	-2	0.00%
Performance and Result in 2010		
Performance	50,194,652	27.8%
Result	0	0.00%
Performance and Result in 2011		
Performance	26,113,130	14.5%
Result	0	0.00%
Performance and Result in 2012		
Performance	53,386,208	29.6%
Result	-262,498	-0.49%
Total Performance and Result		
Performance	180,367,654	100.0%
Result	-262,498	0.15%

Edinburgh, 17/05/2011

Place and Date M Foerder, Project Director


Edinburgh, 17/05/2011

Place and Date [Redacted], 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	180,368	180,368	180,368	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-180,630	-180,630	-180,630
2	Unapproved, but in Job Site Estimate integrated Changes	8,114	4,377	2,242	2	Unapproved, but in Job Site Estimate integrated Changes			
3	Total unapproved Changes	8,114	4,377	2,242	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	217,083	209,670	193,610	6 =1+3+4+5	Forecast Final Costs	-193,855	-194,855	-196,855

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue Costs Result	217,083 -193,855 23,228		
% Gross Margin based on Revenue Best Case	Revenue: 217,083	10.70%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue Costs Result		209,670 -194,855 14,815	
% Gross Margin based on Revenue Likely Case	Revenue: 209,670		7.07%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue Costs Result			193,610 -196,855 -3,245
% Gross Margin based on Revenue Worst Case	Revenue: 193,610			-1.68%
Gross Margin previous month (most likely case)		10.71%	7.07%	-1.68%

	Project: Edinburgh Tram Network as per: 30/04/2011	
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001AK34 Edinburgh Tram 2011_03
Reporting Month: 36. RP 03.2011, 30/04/2011

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 5=3+4	Actual Allowable incl. agreed VO's	Allowable for unapproved VO's 7	Variance to Date 8=(6+7) 5	Revised DJC I(%)DJC-Rate 9	Variance to Date 10=9-5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 16	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCt AQty. 19	% Complete 20=9/19	Cost to Complete (A-Q) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (Linear) 24=8/20
Total Cost incl. Prime Cost Sums		100,963,119	4,494,584	105,457,703	81,283,117	4,086,500	-20,088,080	105,626,886	169,180	1,407,046	834,350	-572,693	125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,630,152	58.5 %	75,003,266	180,460,969	-7,774,750	-34,338,598
Prime Cost Sums 0 / 0																							
Total Cost without Prime Cost Sums		100,963,119	4,494,584	105,457,703	81,283,117	4,086,500	-20,088,080	105,626,886	169,180				125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,630,152		75,003,266	180,460,969		

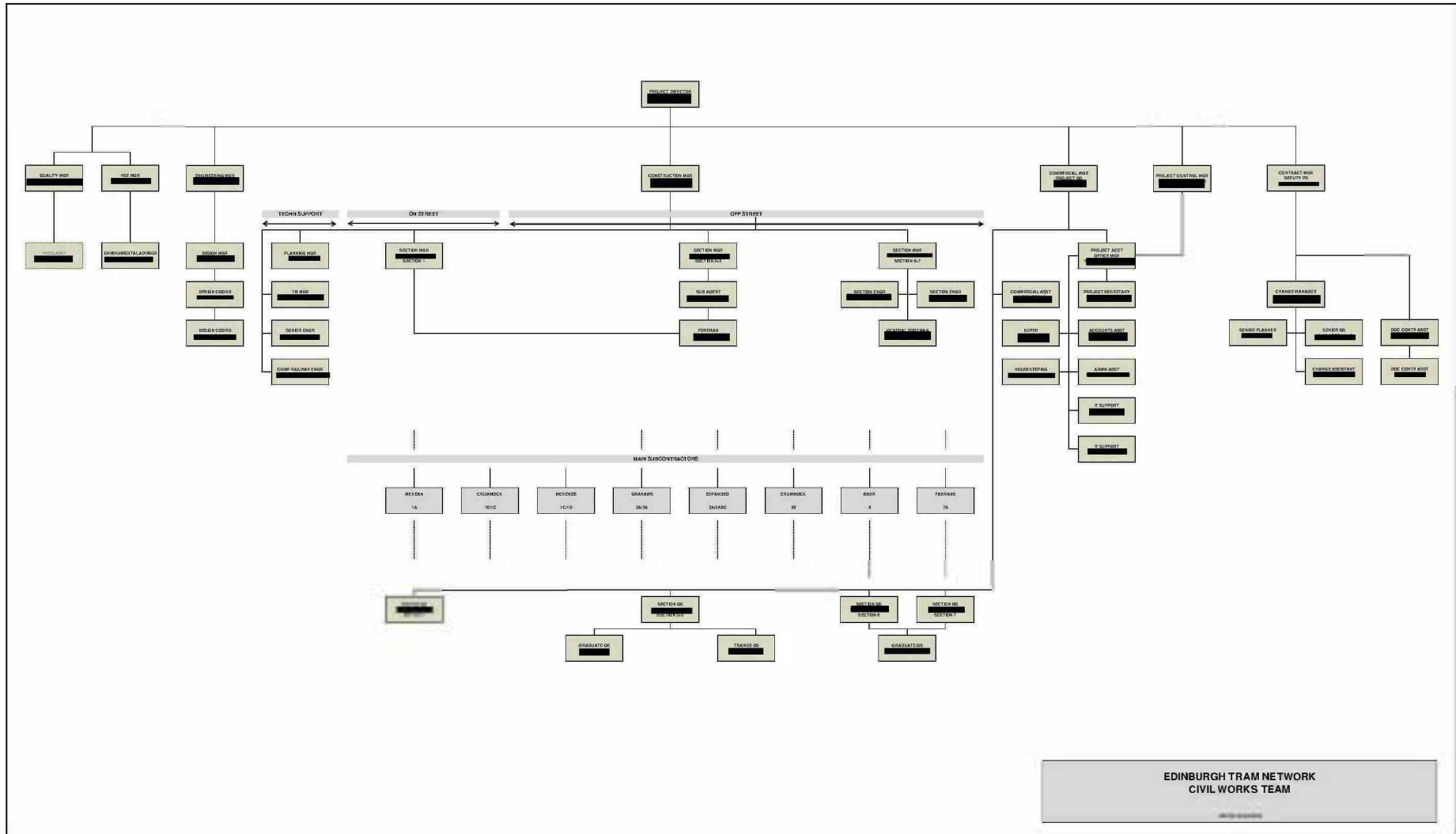
REMEASURED CONTRACT:

Gross Margin original Contract and agreed VO's (PF = 0.9985, PFB = 1.0696)

Total Cost without Prime Cost Sums	105,457,703	81,283,117	105,626,886	125,838,065	125,838,065	42,795,414	4,052,734	168,633,479	180,630,152	180,460,969
Gross Margin		5,657,305	-158,440	15,670,750	8,443,144	3,291,034,000	11,734,175	-268,498	-93,315	
Gross Margin in % of Performance		6.51 %	-0.15 %	11.07 %	6.29 %	7.14 %	6.51 %	-0.15 %	-0.05 %	
Performance without Prime Cost Sums		86,940,423	105,468,446	141,508,815	134,281,209	-46,086,445	4,372,213	184,739,867	184,739,867	184,739,867
Actual Cost to date		105,457,703	105,457,703							
Gross Margin to date		-18,517,281	10,743							
Gross Margin to date in % of Performance		-21.30 %	0.01 %							
Performance Prime Cost Sums										
Total Performance		86,940,423	105,468,446	141,508,815	134,281,209	-46,086,445	4,372,213	184,739,867	184,739,867	184,739,867
Revenue according WBS										

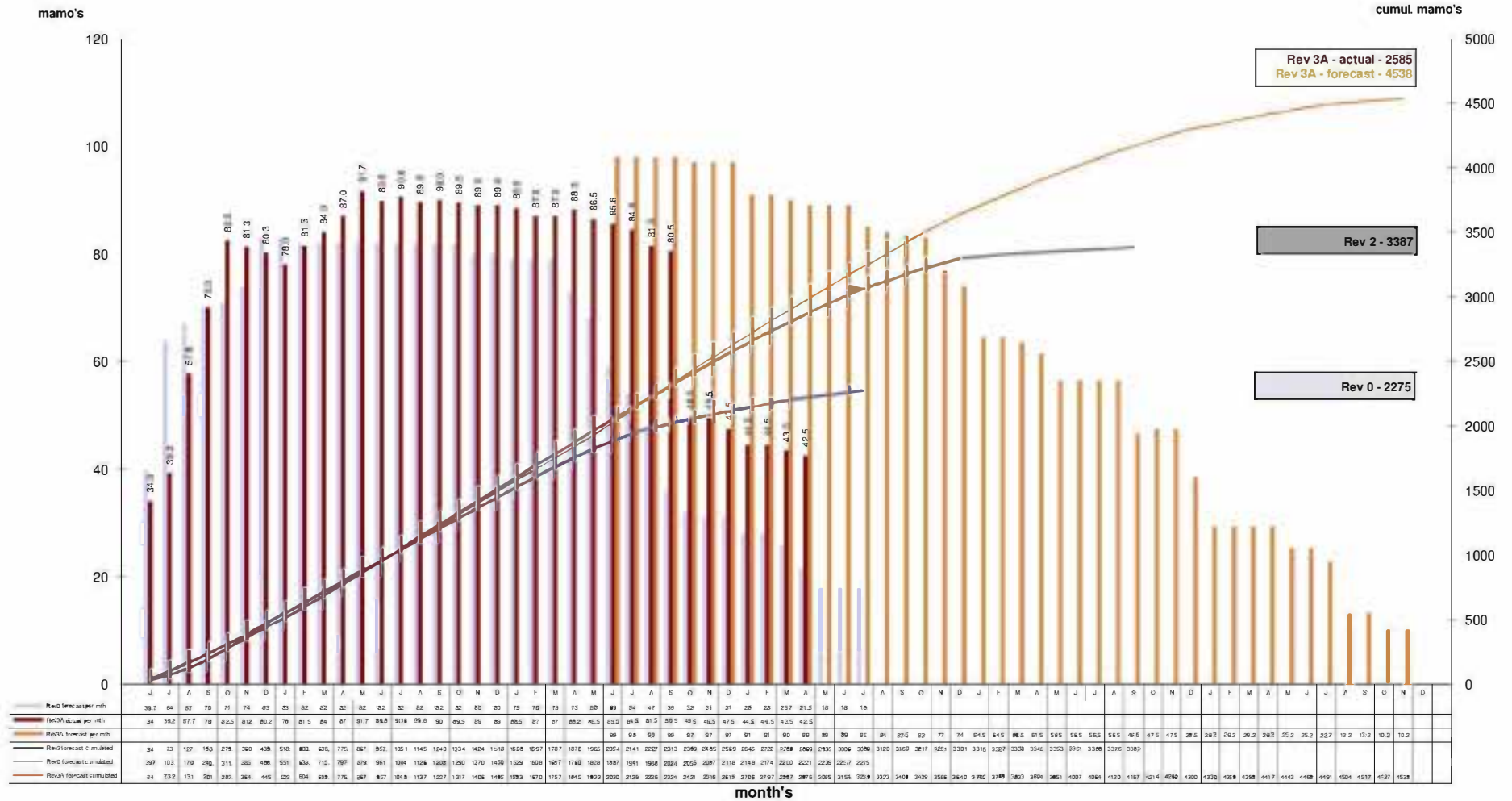
Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0228, PFB = 1.0698)

Total Cost without Prime Cost Sums		85,369,623	105,626,886	125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,630,152	180,460,969
Gross Margin		5,951,800	3,408,293	15,670,750	8,443,144	3,291,034,000	13,051,654	4,109,715	4,378,898	
Gross Margin in % of Performance		6.52 %	2.23 %	11.07 %	6.29 %	7.14 %	6.52 %	2.22 %	2.32 %	
Valued Performance without Prime Cost Sums		91,328,423	108,035,179	141,508,815	134,281,209	-46,086,445	4,372,213	184,739,867	184,739,867	184,739,867
Actual Cost to date		105,457,703	105,457,703							
Gross Margin to date		-14,129,280.00	2,577,476							
Gross Margin to date in % of Performance		-15.47 %	2.39 %							
Performance Prime Cost Sums (incl. valued performance)										
Total Performance (incl. valued performance)		91,328,423	108,035,179	141,508,815	134,281,209	-46,086,445	4,372,213	184,739,867	184,739,867	184,739,867
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: **30/04/2011**



2.08a Approved Change Orders

INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Job Estimate Budgets			Remarks	
											Revenue	Design & Construction	Margin in %		
												2.00	6-5/1		
SDSNA		SDS NA					SDS	66	SDS Novation Agreement Provisional Sums	30/04/11	3,079,331.00	3,079,331.00			
PSSA		PSSA					1C/D	96	SSm Works carried out under Supplemental Agreement concerning Princes Street	20/03/09	12,780,161.05	10,465,330.13	7.21%		
19							Graham	61	GAn Archaeological Survey to the Caley Ale House	19/09/08	5,976.61	4,430.40	7.41%		
21							Graham	61	GAn Asbestos in the Caledonian Ale House	19/09/08	6,053.64	4,487.50	7.41%		
53							5C	54/57	GAn TNC004 Utilities diversions & associated works	10/10/08	39,217.65	28,539.95	7.29%		
87							BSC	64/65	Duct Installation at Leith Walk	22/01/09	344.00	255.00	7.41%		
59							Graham	61	GAn Notified Departure in acc. With Schedule 4 due to tie-Asbestos Survey	30/10/08	29,947.80	22,200.00	7.41%		
51							5A	61	GAn TNC002 Utilities diversions & associated works	03/12/08	75,488.50	54,944.68	7.28%		
52							5B	54	GAn TNC003 Utilities diversions & associated works	03/12/08	88,027.17	64,070.99	7.28%		
166							1A	31	SKy Demolition of existing garage and fuel tanks on Ocean Drive.	03/12/08	19,560.50	14,500.00	7.41%		
176							Farrans	62	OHu Temporary Ramps (2 no.) at Gogar Church Road Construct Car Park	18/12/08	7,725.08	5,622.74	7.28%		
237		10					UPS	Graham	61	GAn Move site boundary fencing at Haymarket Car Park	17/12/08	987.96	719.09	7.28%	
272		11						5B	54	GAn Starter Layer below Subsoil Level at Carrick Knowe	17/12/08	96,557.69	70,280.00	7.28%	
23		12						Graham	61	GAn Demolition of Access Steps to Haymarket Station Carpark	23/01/09	2,360.75	1,710.00	9.23%	
192		14					UPS	1B	40	SKy Discovery of Cable & Wireless ducts - Chainage 108	22/01/09	187.35	136.36	7.28%	
48		15						SDS	66	Additional TRO Drawings as SDS-Letter dated 4th July 2008	22/01/09	3,550.18	3,024.00	8.52%	
168		16						1A	31	SKy Demolition of existing building at 33 Ocean Drive.	02/03/09	6,745.00	4,989.52	7.58%	
7		17						BSC	65	Hard standing at Haymarket Yards.	29/01/09	1,011.75	750.00	7.41%	
84		18						SDS-	65/66	TNC005 Burnside road Diversion - Fees for design (INF_CORR005)	03/02/09	720.00	613.29	8.52%	
271		19						SDS	66	Road Construction Details - Construction Methodology Statements for	13/02/09	372,540.13	317,325.50	8.52%	
269		20						SDS	66	Instructions arising from Trackform Development Workshop	13/02/09	371,057.96	316,063.00	8.52%	
274		21						TM	21	SKy Princes Street Construction Works-closure to traffic during construction	13/02/09	7,522.40	5,576.28	7.41%	Cost part of PSSA
159		23					DPS			Removal of Provisional Sum Main Contract - Relocation Ancient Monuments	12/03/09				
141		24						SDS	66	West End Tramstop - revised requirements from CEC/lie.	09/04/09	16,636.17	14,170.50	8.52%	
266		25						Depot	63	OHu Monthly Track Monitoring Network Rail East Coast North Line / Gogar Depot	27/03/09	5,369.02	3,980.00	7.41%	
173		26						Graham	61	GAn Discovery of underground petrol tank at National Car Rental Site.	07/04/09	5,530.90	4,100.00	7.41%	
75		27						Farrans	62	OHu Temporary Access Ramp from Depot	27/03/09	16,303.74	12,221.80	6.58%	
187		28						Depot	63	OHu Additional excavated material at Depot	02/04/09	1,660,654.40	1,223,272.73	6.16%	
295		30.1					UPS	Farrans	62	OHu Scottish Gas Networks - Trial Investigations to protect gas main at Culvert 2	29/04/09	16,430.30	11,983.64	7.29%	
364		30.2						BSC	64/65	New Manhole (MH1) at Balbirnie Place	12/02/10	1,498.23	1,268.19	8.46%	
216		31					UPS	1B	40	SKy Discovery of alkathene water pipe above formation level - Chainage 265 RHS	29/04/09	618.86	458.75	7.41%	
218		32					UPS	1B	40	SKy Discovery of 2 No. LV and 1 No. LV cables above formation level. - 182 RHS.	29/04/09	295.47	218.36	7.70%	
220		33					UPS	1B	40	SKy Discovery of Water connection pipework above formation level - 161 RHS	29/04/09	91.87	68.10	7.41%	
223		34					UPS	1B	40	SKy Discovery of stone culvert - Chainage 100 RHS	29/04/09	1,169.22	866.79	7.41%	
225		35						1B	48	SKy Repairs required to footpath to allow pedestrian access - Chainage 170 RHS	29/04/09	329.17	239.59	7.28%	
260		36						1B	40	SKy Relocate existing Control Box - Section 1B	29/04/09	1,274.98	945.13	7.41%	
293		37						Farrans	62	OHu Gogar Castle Road tree felling	29/04/09	1,335.51	990.00	7.41%	
294		38						Farrans	62	OHu Reinstate access ramp at Gogar Depot	29/04/09	9,798.94	7,132.21	7.28%	

Project: **Edinburgh Tram Network**
 as per: **30/04/2011**



2.08a Approved Change Orders

INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Job Estimate Budgets			Remarks
											Revenue	Design & Construction	Margin in %	
												2.00	6-5/1	
296		39					Farrans 62	OHu	Formation Level of Gogarburn Bridge West Abutment	29/04/09	13,439.93	9,782.32	7.28%	
297		40					Farrans 62	OHu	Formation Level of Gogarburn Bridge East Abutment	29/04/09	8,466.27	6,162.01	7.28%	
327		41				UPS	1B 40	SKy	Dye test and camera survey at Chainage 170 RHS	29/04/09	711.82	527.66	7.41%	
328		42				UPS	1B 40	SKy	Rehstate slabbed footway following MUDFA works	29/04/09	1,386.54	1,027.83	7.41%	
		43				UPS	Consulta 71		Instruction to proceed with road surveys.	02/06/2009	89,050.01	66,011.86	7.41%	
257		44					SDS 66		Feasibility Study (Design Only) Forth Ports access to ADM Milling	29/04/09	1,624.82	1,384.00	8.52%	
195		45				UPS	1B 40	SKy	Discovery of temporary pedestrian crossing lighting ducts	29/04/09	910.16	675.00	7.37%	
193		46				UPS	1B 40	SKy	Discovery of Hydrant in kerb line - Chainage 333 RHS	29/04/09	449.22	333.00	7.41%	
184		47				UPS	1B 40	SKy	Discovery of void around existing BT Duct - Chainage 360 RHS	29/04/09	192.37	142.60	7.41%	
169		48					1C 44	SSm	Demolition of Police Box Coffee Bar - Picardy Place	29/04/09	10,615.92	7,869.47	7.41%	
330		49				UPS	1B 40	SKy	Install additional gully Chainage 250 RHS	08/05/09	2,170.14	1,579.55	7.28%	
157		50					Farrans 62	OHu	Survey of Existing Drainage (Gogar Landfill)	01/05/09	4,027.46	2,931.41	7.28%	
324		51				UPS	5C 57	GAn	A8 Underpass Phase 1 Piling Obstructions	01/05/09	4,613.58	3,420.00	7.41%	
340		52					5C 56	GAn	Edinburgh Park Bridge South Abutment Base - Existing service (cable)	01/05/09	609.69	451.95	7.42%	
390		53					5B 54	GAn	Carrick Knowe chainage 520200 to 520240 - sub-grade improvement	15/05/09	98,501.39	71,694.78	7.28%	
360		54				DPS	SDS 66		Alteration of Design at Forth Ports Road 8	15/05/09	11,932.54	10,164.00	8.52%	
361		55				UPS	5A 61	GAn	Scottish Power Utility Diversion near Murrayfield Station	05/06/09	8,689.80	6,188.55	8.85%	
167		56				UPS	5A 61	GAn	Accommodation Works to Wanderers Clubhouse Building at Murrayfield	26/05/09	191,060.84	141,631.46	7.41%	
338		57					1B 40	SKy	Remove ornamental iron balls from Groathill Depot	03/06/09	406.26	301.15	7.42%	
42		58					SDS 66		Delay and Disruption to Ravelston Trams top Landscaping	01/06/09	2,409.05	2,052.00	8.52%	
392		59					5B 56	GAn	Pier 1 Base Formation - Section 5B	03/06/09	561.45	408.65	7.28%	
336		60					BSC 64		Extension to Site Office for tie/SDS personnel	02/06/09	150,000.00	120,096.08	0.00%	
349		61					TM 21	SKy	Traffic Management contingency for Emergency Utility Works	02/06/09	404.70	300.00	7.41%	
385		62					1C/D 21	SKy	Section 1C/D - Additional MASS barriers on Great Stuart Street	02/06/09	915.27	678.48	7.41%	
74		63					BSC 64/65		Sewer Diversion, Gogar Landfill	08/06/09	1,433.79	1,213.64	8.46%	
350		64					7A 62	OHu	Protected Species mitigation measures	05/06/09	9,262.22	6,862.20	7.41%	
273		65					SDS- 64/65/66		Gogarburn Retaining Wall W14 - Re-design Water Mains and Gas Main	07/07/09	1,156.57	981.36	8.49%	
222		66				UPS	1B 40	SKy	Discovery of valves and a hydrant fouling the new kerb line - 120 RHS	10/06/09	617.61	457.83	7.41%	
238		67					TM 21	SKy	Temporary Traffic Lights opposite Manderson Street required	04/09/09	15,084.79	11,182.21	7.41%	
243		68					SDS 66		Forth Ports Substation - lack of as-built information	10/06/09	7,824.12	6,664.50	8.52%	
352		69					1C/D 21	SKy	Off-peak Taxi Rank at George Street	10/06/09	2,213.71	1,641.00	7.41%	
409		70					SDS 66		Forth Ports - New construction at Ocean Drive	10/06/09	2,817.60	2,400.00	8.52%	
259		72					SDS-5B 54/66	GAn	Cycleway at Edinburgh Park Station repositioned outwith the LOD	15/06/09	52,094.65	39,609.70	7.53%	
171		73					Consulta 71	SKy	Contract with Faber Maunsell for Transyt and Linsig Modelling Assessments.	16/06/09	64,809.00	48,043.00	7.41%	
373		74				UPS	7A 62	OHu	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/TE/D/05	17/06/09	3,269.16	2,379.47	7.28%	
371		75				UPS	7A 62	OHu	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/BT/D/05	17/06/09	855.81	622.91	7.28%	
307		76					Graham 61	GAn	Contaminated Soil assessment at Haymarket Depot	11/06&20/09/09	54,996.59	40,761.00	7.41%	
439		77					SDS 66		SDS' proposed office move to Edinburgh Park - IT costs	07/07/09	28,000.00	20,756.12	7.41%	
202b		78					Depot 63	OHu	Structural Steelwork	15/07/09	270,372.87	196,792.25	7.28%	

Project: **Edinburgh Tram Network**
 as per: **30/04/2011**



2.08a Approved Change Orders

INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Job Estimate Budgets			Remarks
											Revenue	Design & Construction	Margin in %	
												2.00	6-5/1	
203a		79					Depot	63	OHu Foundations	15/07/09	47,782.16	34,778.48	7.28%	
449		80					5B	21	SK Reinstatement of Bus Link - Traffic Management	23/07/09				CO Value not issued - to be paid on Demonstrable Cost Basis
419		82					TM-1C	21/43	SKy Replace MASS barriers at St Andrews Square	14/08/09	22,896.58	16,973.00	7.41%	
279		84.1					SDS	66	West Pilton Tram stop	29/07/09	859.37	732.00	8.52%	
413		84.2				UPS	7A	62	OHu Provide local protection of sewer at Chainage 711990	31/07/09	2,696.95	1,999.22	7.41%	
179		85				UPS	SDS	66	Gatehouse Works to Murrayfield Stadium Part 1	05/08/09	108,664.00	92,558.70	8.52%	
179		86				UPS	SDS	66	Gatehouse Works to Murrayfield Stadium Part 2	10/08/09	34,830.00	29,667.80	8.52%	
159a		87					BSC	64/65	Provisional Sum Main Contract - Relocation Ancient Monuments Abortive Costs	25/01/10	3,992.60	3,379.55	8.46%	
234		89				UPS	1B	40	SKy Leith Walk (Section 1B) Groundworks - Move THUS ducts - Ch 345 - 365	11/09/09	6,562.03	4,864.37	7.41%	
202		90					Farrans	62	OHu IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	12/08/09	13,368.47	9,730.32	7.28%	
472		91					SDS	66	Developed kinematic envelope (DKE) check	08/02/10	15,118.77	12,878.00	8.52%	
401		92					7A	62	OHu Additional earthworks to western approach embankment at Gogarburn Bridge	13/08/09	36,616.19	26,651.28	7.28%	
203g		93					Depot	63	OHu Secondary Steelwork	17/08/09	2,355.95	1,714.79	7.28%	
334		94					7A	62	OHu Access at New Ingleston	20/08/09	5,827.59	4,282.94	7.35%	
118		96					BSC	64/65	IFC Drawing Change Cathedral Lane Sub Station	31/08/09	1,229.78	1,040.91	8.46%	
407		97					Depot	63	OHu Hard material within Gogar excavation	02/09/09	35,806.89	26,062.23	7.28%	
91		98					5B	56	GAn Reference ETN002 Edinburgh Park Structure (S27) Earthworks/Foundations.	04/09/09	52,388.71	37,750.68	7.21%	
337		99					TM-1B	21/40/71	SKy Testing to carriageway at Leith Walk	04/09/09	15,452.46	11,454.75	7.41%	
437		102					5B	58	GAn Carrick Knowe works outwith the LOD	23/11/09	4,323.55	3,205.00	7.41%	
304		104				DPS	1C/D	96	SSm Provisional Sum for Extra Over for Shell Grip at Junctions	12/10/09	156,259.21	113,728.94	7.28%	Instruction of ProvSum - Current Value just partially
475		105.1				UPS	5B	57	GAn A8 Underpass - BT works - Slew 2'way and 4 way ducts	09/10/09	94,954.28	70,144.03	7.73%	
486		105.2					SDS	66	TRO Changes September 2009		3,430.43	2,922.00	8.52%	
362		106					5B	56	GAn Edinburgh Park Bridge - Approach Ramps additional earthworks	09/10/09	185,000.00	134,653.18	7.28%	
414		107				Graham	21/61	SKy/GAn Sample soil nailing to embankments between Russell Road & Water of Leith	09/10/09	44,718.35	33,149.26	7.41%		
431		108					5B	57	GAn Slew existing BT duct at A8 underpass	13/10/09	22,846.79	16,934.93	7.41%	
125		109					SDS-	61/66/71	GAn Unforseen Ground Conditions at Haymarket Viaduct	22/10/09	94,317.38	68,649.54	7.28%	
191		110				UPS	1B	48	SKy Discovery of concrete encased lighting cable - Chainage 339 RHS	28/10/09	179.57	133.51	7.19%	
242		111					SDS	66	TRO Presentations by SDS to the public during September 2008	04/11/09	23,480.00	20,000.00	8.52%	
77		112					SDS-	66	OHu DESIGN ONLY to Amend line of route design section 5#c (Batch 5/22)	13/11/09	5,368.54	4,251.90	7.92%	
370		113					5B	56	GAn Existing Ground levels at Edinburgh Park Bridge	23/11/09	61,851.30	47,265.35	7.63%	
203j		114					Depot	63	OHu BDDI to IFC changes to depot access road	13/11/09	78,674.86	57,263.89	7.28%	
112		112	115				Graham	61	GAn IFC Drawing Change Haymarket Viaduct	04/11/09	96,173.00	70,000.00	7.28%	Settlement reached during Internal DRP
001A-D		116					EOT1	64/65/67	IFC dates entered into the Schedule Part 15 (Sect 1A-1D)	04/11/09	2,225,000.00	2,022,727.27	9.03%	Settlement reached in Mediation
428		121					BSC	64/65	Alteration of Drainage at Eastfield Avenue to avoid a clash with Utilities	13/11/09	1,064.74	903.64	9.49%	
309		123					5B	56	GAn Edinburgh Park Bridge (S27) - South Abutment Base Formation	25/11/09	9,494.75	7,202.65	7.56%	
85		125					1A-1	31	SKy TNC008 - Lindsay Road Retaining Wall Cost Estimate	15/01/10	484,065.00	352,329.09	7.28%	
369		126					5C	57/71	GAn Maintain Thus and C & W services and dismantle water main at A8 Underpass	17/12/09	20,324.64	14,793.87	7.28%	
155a		127					7A	62	OHu IFC Drawing changes Gogarburn RTWs 14A, 15A, 15B, 15C	22/12/09	141,188.67	102,765.01	7.28%	
282		128					Graham	61	GAn Request for instruction to deal with Japanese Knotweed - Retaining Wall W4	22/01/10	24,282.78	18,000.58	7.41%	

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												Revenue	Design & Construction	Margin in %	
												2.00	6-5/1		
436		129					TM	21	Sky	Lothian Road pedestrian disruption	25/01/10	8,640.25	6,404.93	7.41%	
434		130					TM	21	Sky	George Street Emergency road closure	25/01/10	1,516.30	1,124.02	7.41%	
76		131					BSC	65		Gogar Depot Public Tramstop proposals GRIP options 4B & 4C2	13/01/10	50,000.00	42,589.44	8.52%	
146a		132	101				Graham	61	GAn	IFC Drawing Change Russell Road RTWs Wall 4	18/02/10	1,461,857.21	1,083,659.90	7.41%	Settlement reached after DRP
151		133.1					BSC	64/65		Excavate and replace existing BO material within existing utility trenches.	22/01/10	1,065.68	902.05	8.46%	
268		133.2					5C	57	GAn	Carry out Scottish Power Diversion at Gogar Roundabout	01/02/10	70,163.35	51,857.54	7.39%	
367		134					Graham	61	GAn	Haymarket Station - Network Rail Access Doorway	08/02/10	2,814.69	2,086.50	7.41%	
474		135					5B	54	GAn	Additional manhole requirement - Section 5B	08/02/10	7,085.74	5,157.39	7.28%	
502		136					5B	58	GAn	Additional excavation at Carrick Knowe North Abutment	08/02/10	390.94	284.55	7.28%	
088a		137				DPS	Depot	63	OHu	Power Supply Ducts Section 6	15/02/10	13,297.28	9,678.49	7.28%	
105		138	120				5B	58	GAn	IFC Drawing Change Balgreen Road Retaining Wall	15/02/10	298,574.22	217,317.92	7.28%	Settlement reached during internal DRP
517		139					Graham	61	GAn	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	22/02/10	20,005.56	14,829.92	7.41%	
203p		140					Depot	63	OHu	IFC issue drawings for alteration to Scottish Water valves - MUDFA works	31/03/10	5,365.65	3,977.50	7.41%	
399		141					7A	62	OHu	Addition of starter and capping layers in Section 7A	04/03/10	1,139,305.68	829,249.35	7.28%	Estimate provisional
402		142					5B	54	GAn	Addition of starter and capping layers in Section 5B	03/03/2010	1,361,877.19	1,009,545.73	7.41%	Provisional Change Order
403		143					5C	54	GAn	Addition of starter and capping layers in Section 5C	03/03/10	930,159.34	677,020.05	7.28%	
139		144					SDS	66		Revised location of OLE poles in Section 1A at the request of CEC.	04/06/10	4,575.42	3,897.30	8.52%	
322		145					5B	58	GAn	Carrick Knowe Underbridge Piling Obstructions	13/04/11	2,744.74	2,034.65	7.41%	
60		146					SDS-	62/66	OHu	Diversion of Existing Sewer at Gogarburn Bridge - conflict with the 300 mm dia	07/07/10	36,292.29	26,778.73	7.38%	
473		147					1A	31	Sky	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	02/04/10	31,635.17	23,025.68	7.28%	
473		147A					1A	31	Sky	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	01/09/10	31,635.17	23,025.68	-7.28%	
267a		149					5C	57	GAn	Carry out Scottish Water Diversion at Gogar Roundabout	07/05/10	83,295.35	61,746.00	7.41%	
053a		150					5C	54	Gan	TNC004 - Utilities diversions & associated works - Water main diversion only	31/03/10	112,879.89	83,676.72	7.41%	
479		153					5A	58	GAn	Proposed sewer lining at Water of Leith Bridge	04/06/10	59,708.68	44,261.44		
448		155					SDS-	64/65/66		Change to street lighting at Haymarket Terrace	07/05/10	1,154.69	979.77	8.49%	
196		157					SDS-	64/65/66		Little King Street works required by CEC outside the Limits of Deviation	18/05/10	2,487.75	2,111.27	8.49%	
052a		158					5B	54	GAn	TNC003-Utilities diversions & associated works	30/07/10	55,923.74	40,749.82	7.20%	
430		159					Graham	61	GAn	Additional white lining at Haymarket Station Car Park	26/05/10	3,930.65	2,913.76	7.41%	
088b		160					7A	62	OHu	Power Supply Ducts - Ingliston Park Andriest Tram Stop	26/05/10	2,809.60	1,681.20	7.28%	
104		161.1	119				5A	58	GAn	IFC Drawing Change Baird Drive RTW	26/05/10	915,462.16	666,323.72	7.28%	Settlement reached after DRP
146b		161.2					Graham	61	GAn	IFC Drawing Change Russell Road RTWs Wall 3	26/05/10	370,000.00	269,306.35	7.28%	
115		162	95				5B	58	GAn	IFC Drawing Change Carrickknowe Bridge	26/05/10	138,265.23	100,637.05	7.28%	Settlement reached after DRP
543		164					TM	21		Transyl and Linsig modelling - Aecom	20/08/10	60,382.00	44,760.56	7.41%	
230		165	119				1A	31	SKY	IFC Drawing Changes - Tower Bridge Structure	19/06/10	260,973.48	189,950.85		Settlement reached after DRP
155b		166					7A	62	OHu	IFC Drawing changes Gogarburn RTWs 14B & 15D	18/06/10	12,464.28	9,072.19		
111		167					Farrans	62	OHu	IFC Drawing Change Gogarburn Bridge	21/06/10	176,195.40	129,486.13		Settlement reached after DRP
113		168					Graham	61	GAn	IFC Drawing Change Russell Road Bridge	16/06/10	60,174.06	43,797.99		
551a		169					Graham	61	GAn	Removal and disposal of contaminated soil at Russell Road Retaining Wall	29/07/10	397,000.00	294,292.07	7.41%	
492		170					Graham		GAn	IFC drawing changes - Haymarket Car Park	18/08/10	40,000.00	29,651.59	7.41%	

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2.08a Approved Change Orders

INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity		QS	Description	Date of Approval	Job Estimate Budgets			Remarks	
												Revenue	Design & Construction	Margin in %		
												2.00	6-5/1			
281		172					1C	66	Sky	Revised proposals for Cathedral Lane Sub-station	13/10/10	2,063.97	1,758.07	8.52%		
517a		173					Graham	61	GAn	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	2/7/08/10	16,738.62	12,408.17	7.41%		
289		174					1A	66		Cycleway change at Hawthornevale - Section 1A4	08/10/10	6,199.68	5,280.82	8.52%		
292		175					1A	31/66	Sky	Additional Ramp / Steps at Lindsay Road Retaining Wall - Section 1A4	08/10/10	2,168.28	1,656.62	7.64%		
499		179					SDS	66		Frederick Street pedestrian crossing	30/09/10	17,638.18	15,024.00	8.52%		
116		180.1					5A	58	GAn	IFC Drawings Water of Leith Bridge	03/09/10	20,000.00	14,825.80	7.41%		
97		180.2					5A	66		Design on Balgreen Road Bridge	04/02/11	2,448.00	2,085.18	8.52%		
258a		182					SDS	66		Future Proofing on behalf of New Ingliston Ltd and Highland Properties Ltd	10/09/10	5,140.00	4,378.19	8.52%		
441a		183					2A,5ABC	54	GAn	Site investigation contamination	22/09/10	50,000.00	37,064.49	7.41%	Provisional Change Order	
76		184					SDS	66		Design for Edinburgh Gateway	22/09/10	519,439.06	442,452.35	8.52%	BB portion only	
158		186					UPS	Graham	61	GAn	Provisional Sum - Provide Crew Relief Facilities at Haymarket Station Viaduct	22/09/10	148,002.24	109,712.56	7.41%	
433		187					Graham	21	GAn	Traffic management at Verity House Access Road	11/10/10	10,841.52	8,037.00	7.41%		
167c		188					5A	61	GAn	Further Changes to Wanderer's Clubhouse Building at Murrayfield - radiators	06/10/10	2,063.97	1,530.00	7.41%		
074a		189					7A	62	OHu	Gogar Landfill Embankment Sewer Diversion - Flexible Sleeve	08/10/10	2,894.39	2,145.58	7.41%		
653		191					7A	62	OHu	Badger Sett Removal	08/10/10	1,839.51	1,363.61	7.41%		
201		192	118				5C	58	GAn	IFC Drawing changes - Depot Access Bridge	15/02/2010	1,230,624.88	912,249.73	7.41%		
108		193					5C	54	GAn	BDDI to IFC changes Gyle Tram Stop	11/10/10	26,424.41	19,393.58	6.67%		
404		194					5B	54	GAn	Section 5B BDDI-IFC Drainage Ditches	13/04/11	5,573.66	4,131.70	7.41%		
655		195					7A	66	OHu	Rebate drainage from A8 at Gogar Interchange	13/10/10	26,820.62	22,845.50	8.52%		
420		196					1B	21	SKy	Leith Walk Gyrotory System	08/10/10	5,036.91	3,733.81	7.41%		
660		197					7A	66	OHu	Topographical survey for Burnside Road	15/10/10	2,879.82	2,453.00	8.52%		
321		198					1C	66	Sky	Rev Alignment Picardy Place, York Place, London Road Junctions	20/10/10	50,000.00	42,589.44	8.52%		
500		198					1C	66		Picardy Place - redesign north side to incorporate a fourth lane eastbound	20/10/10	50,000.00	42,589.44	8.52%		
602		199					5B	54	GAn	Bus Gate - Unforeseen ground conditions - existing foul water manhole	20/10/10	3,846.37	2,851.28	7.41%		
583		200					1C/D	21	Sky	Part reinstatement of Princes Street contingency route	29/10/10	21,946.88	16,269.00	7.41%		
315		201	117				7A	62	OH	IFC Drawing Changes - Drainage - Gogarburn to Airport	10/02/2010	997,068.00	789,116.38	7.41%		
359		202					1D	52	Sky	Haymarket Junction - Underground Chamber at Clifton Terrace	29/10/10	92,836.17	68,818.51	7.41%		
559		203					5C	57	GA	A8 Underpass Scottish Gas Main Diversion	09/11/10	2,263.62	1,678.00	7.41%		
578		204					5C	57	GA	A8 Underpass - Phase 2 - Piling obstructions	11/11/10	9,480.91	7,028.10	7.41%		
595		205					2A	61	GA	Haymarket Station - additional works to Network Rail access door	19/11/10	1,821.15	1,350.00	7.41%		
558		206					5C	21	SK	South Gyle Access Bridge Hire of TM Equipment	24/11/10	24,530.65	18,184.32	7.41%		
148		208					5A	58	GA	IFC Drawing Change Balgreen Road Underbridge (S22b)	07/12/10					
199		208					5A	58	GA	IFC Drawing changes - Balgreen Bridge S22a	07/12/10	84,000.00	62,268.35	7.41%		
283		209					5B	56	GA	Edinburgh Park Bridge (S27) - Pier 3 Base Formation	11/11/10	8,810.74	6,531.31	7.41%		
654	109	210					5C	66	OH	Additional Tram stop at Gogar to be named "Edinburgh Gateway"	11/11/10	2,207.12	1,880.00	8.52%		
679	113	211					1A	31	SK	Tower Place Bridge Diversion	11/11/10	10,779.53	7,990.76	7.41%		
568		222					2A	66	GA	Topographical survey at Scotrail Depot	22/12/10	1,810.90	1,542.50	8.52%		
706		212					1A	21/31	SK	Tower Place Bridge - Sequence of works	18/11/10	65,572.74	48,608.41	7.41%		
722		213					5A	66	GA	Murrayfield Accommodation Works	22/12/10	5,858.26	4,990.00	8.52%		

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2.08a Approved Change Orders

INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Job Estimate Budgets			Remarks
											Revenue	Design & Construction	Margin in %	
												2.00	6-5/1	
342	040	216					5B 54	GA	Transfer of private utility diversions from MUDFA at Edinburgh Park	19/11/10	1,535.82	1,138.49	7.41%	
690		217					1A 31/66	SK	TPB - East Approach Embankment Archaeological Discovery - Less scope/Design	25/02/11	11,374.93	8,432.12	7.41%	
262ab		220	214				5B 54	GA	BDDI to IFC Drawing Changes - Section 5B - Track Drainage	17/11/2010	1,755,603.80	1,301,411.27	7.41%	
335		221	215				5C 54	GA	IFC to IFC Drawing Changes - Section 5C - Track Drainage	17/11/2010	162,835.60	120,708.38	7.41%	
693		223					5C 54	GA	Discovery of underground petrol tank at National Car Rental Site.	28/01/10	2,429.77	1,801.16	7.41%	
671		224					5C 57	GAn	A8 Underpass Phase 4 - Ducts on south side	01/04/11	7,934.58	5,881.82	7.41%	
669		225					5B 54	GA	Busgate Drainage - Ground Conditions	07/03/11	4,275.00	3,169.01	7.41%	
562		227					5C 22/66	SK	Gogar Roundabout - Lighting Scheme	25/02/11	14,781.31	10,957.23	11.99%	
640		228				UPS	2+5 71/65	GA	Undefined Provisional Sum - Possession Protection Staff	25/02/11	65,624.85	48,647.03	7.41%	
640b		228				UPS	2+5 71/65	GA	Undefined Provisional Sum - Possession Protection Staff	25/02/11	4,547.48	3,371.00	7.41%	
708		233					2A 61	GA	Diversion of LV Services in Footpath Haymarket Terrace	11/03/11	7,949.45	5,892.85	7.41%	
606		234					1A 31	SK	TPB - East Approach Embankment Archaeological Discovery - Stillstand	25/02/11	229.69	170.27	7.41%	
107		235	118				5B 58	GA	IFC Drawing Change Bankhead RTW	09/12/10	65,906.00	48,855.45	7.41%	
110		236	218				5B 58	GA	IFC Drawing Change South Cyle Access Bridge	07/12/10	153,122.00	113,507.78	7.41%	
646		238					5C 57	GAn	A8 Underpass Phase 4 - Piling Obstructions	18/04/11	26,976.63	19,997.50	7.41%	
302A		239					2A 21/61/71	GA	Russell Road Bridge - Protection of Gas Mains - Investigation only	02/03/11	28,985.32	21,486.52	7.41%	
SWC1		SWC1					2A 61		Haymarket Viaduct removal of Scottish Power cable and containment	04/05/10	2,885.62	2,139.08	7.41%	
601		SWC2					5B 54	GAn	Bus Gate - Unforeseen ground conditions - existing Scottish Power LV cable	20/10/10	2,459.28	1,823.04	7.41%	
SWN1		SWN/EG/001					5C 54		Edinburgh Gateway - Enabling works cable diversion	02/11/10	3,777.20	2,800.00	7.41%	
SWN7		SWN007					2A 61	GA	Haymarket Yards Verity House Hard Standing	11/11/10				
668		SWN008					5B 54	GA	Busgate: Scottish Power HV Cable Clash with Drainage	11/11/10				
429							EOT2a 64/65/67		Issue of MUDFA Programme Revision 8	13/11/09	6,600,000.00	6,000,000.00	9.09%	Referred to dispute
N/A							72		Further accepted values on unapproved changes by tie/client	31/03/11	2,562,009.00	1,899,191.25	7.41%	
TOTALS											46,086,444.59	37,548,911.87	7.14%	

budget approved char.
-42,795,414.14

Project: **Edinburgh Tram Network**

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2.08b 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	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %			
						5A	82	OH	Instruction to proceed with The Hilton Hotel Car Park (Letter PRG Infra 2110 dated 09/05/08) is work in respect of Undefined Provisional Sum Item 1 Accommodation Works, in	102,845	65,849	45,260	102,845	X			66,449	49,555	7.41%	100%		
						2A		OH	Received the letter PRG Infra 2107 dated 9 May 2008 instructing us to proceed with Russell Road Bridge in advance of receiving IFC drawings which is a notified departure and													
						2A		OH	Received the letter PRG Infra 2108 dated 9 May 2008 instructing us to proceed with Haymarket Viaduct in advance of receiving IFC drawings which is a notified departure and													
								OH	Received the letter PRG Infra 2109 dated 9 May 2008 instructing us to proceed with Gogar Burn Bridge in advance of receiving IFC drawings (read as Surcharge) subject to the													
								OH	The GUARD archaeological dig currently ongoing in the area of Gogar Tramstop is delaying and disrupting the infracon access to Gogar Landfill and establishment of the site offices													
								OH	The GUARD archaeological dig currently ongoing in the area of Gogar Tramstop is delaying and disrupting the infracon access and establishment of the site offices for Section 5G													
								OH	The GUARD archaeological dig currently ongoing in the area of Gogar Tramstop is causing damage to the tram corridor between Ch 71000-710300. This area will need to be made													
								OH	Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to conflict with the 1500mm dia. Deepsewer under the MUDA Contract with the South Gyle	72,504	47,192	32,572	72,504			72,158	47,192	34,983	7.41%	100%		
						2A		OH	Notified Departure in accordance with paragraph 3.4.37 and 3.5 Schedule Part 4 due to the Asbestos Survey to be carried out by the presence of Asbestos in the existing Steps													
						2A		OH	Instruction to proceed with Verity House Access Road pre IFC													
						2A		DG	Instruction to proceed with the demolition of Calley Aie House pre IFC													
						1C		SK	Delay to issue of Peardy Place (Batch 1/13) to CEC for Prior Approval notified by SDS in attached letter ULE90130-01-LET-00572 dated 4 June 2008 in accordance with Schedule													
						1D		SK	Delay to issue For Construction (FC) Submissions- Section 1D due to changed approval periods notified by SDS in attached letter ULE90130-01-LET-00671 dated 4 June 2008 in													
						1E		SK	Delay to issue For Construction (FC) Submissions- Section 1E due to changed approval periods notified by SDS in attached letter ULE90130-01-LET-00670 dated 4 June 2008 in													
								OH	CEC failure to approve within agreed timescales as SDS Letter 00257 in accordance with Schedule Part 4 paragraph 3.4.5.1													
								OH	Network Rail failure to approve within agreed timescales as SDS Letter 00265 in accordance with Schedule Part 4 paragraph 3.4.27													
								OH	New Requirements introduced by Public Realm Design Workbook as SDS Letter 00648 in accordance with Schedule Part 4 paragraph 3.4.43													
								OH	Delay and Disruption to Crew Road Gardens Bridge IFC as SDS Letter 00239 in accordance with Schedule Part 4 paragraph 3.4.5.1													
								OH	Delay and Disruption to Roseburn Terrace Bridge, Roseburn Tramstop, Roseburn Retaining Walls IFC as SDS Letter 00238 in accordance with Schedule Part 4 paragraph 3.4.1.3													
								OH	Delay and Disruption to Roads detailed design as SDS Letter 01074 in accordance with Schedule Part 4 paragraph 3.4.5.1													
								SK	Delay to Shandwick Place Tram Stop (Batch 1/16) Validation as SDS Letter 00645 in accordance with Schedule Part 4 paragraph 3.4.5.1													
						SWON		OH	Delay and Disruption to Ground Investigation as SDS Letter 00647 in accordance with Clause 18 and Clause 65													
								OH	Delay and Disruption to Raveston Tramstop, Raveston Dyes Bridge, Roseburn Retaining Walls as SDS Letter 00241 in accordance with Schedule Part 4 paragraph 3.4.1.3													
						1A		OH	TNC001 - Amendments to Ocean Terminal Layout	146,451	95,193	65,903	146,451	X								
						1E		SK	Delay and Disruption due to amended design for A25920 - Bailour Street Tram Stop as SDS Letter 00701 in accordance with Schedule Part 4 paragraph 3.4.1.3													
						1E		SK	Delay and Disruption due to amended design for SDS250040 - 1E Roads, Street Lighting, Landscaping and Drainage as SDS Letter 00700 in accordance with Schedule Part 4													
						1A		SK	Delay and Disruption due to amended design for SDS24720 - Issue Roads Design to Roads Authority for Approval- Section 1A1, SDS87870 - Issue Roads Design to Roads Authority for													
						1A		SK	TNC 5 - Berrard Street Public Realm Works	1,305,728	649,373	588,028	1,305,728	X		720,357	720,357					
						1C		SK	TNC007 - St Andrew Square Public Realm Works as CEC specification (Draft). Site forming extended area over infracon contract. Issued with drawings & Specification Volume 2 Part 7.	1,140,570	741,985	513,345	1,140,570	X		4,170,130	4,170,130					
								OH	Delay and Disruption due to late approval by CEC of SDS 27980-3C Roads, Street Lighting, Landscaping and Drainage as SDS Letter 00700 in accordance with Schedule Part 4													
								SK	Delay and Disruption by CEC due to late registering Section 1A (Batch 1/08) (Foot of the walk tramstop and associated line route) as SDS Letter 00721 dated 11th July 2008 and in													
								SK	Delay and Disruption due to late approval by CEC of Section 1D as SDS Letter 00722 dated 7th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3													
								SK	Delay and Disruption due to notification from CEC with respect to road safety Auditors comments for Haymarket Area of Section 1D as SDS Letter 00733 dated 11th July 2008 and													
							66	OH	Infracon investigate proposals for there use of the RWS Bunded Material within the final design	99,579	64,791	44,655	99,579	X		55,961	55,961	64,791	48,029	7.41%	100%	
								OH	Tensioning of Overhead Contact System Tensioning method, comprising an Auto Tensioned Trolley Wire for the street running areas													
								OH	TNC009 - Ocean Terminal Revised Finishes	4,185	2,706	1,875	4,185	X								
							66	GA	Murrayfield Stadium Retaining Walls Introduce visual pattern to Murrayfield RTW	2,797	1,818	1,259	2,797	X		2,796	1,818	1,346	7.41%	100%		
								OH	Revised Specification (BRS) for Roseburn Tramstop version 2	3,300	2,200	1,500	3,300	X								

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2.08b 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	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %			
									Murrayfield Tramstop Provision of secondary staircase	32,202	20,931	14,491	32,202	X		32,203	20,931	15,516	7.41%	99%		
						SW OFF		DG	Delay to Issue of Edinburgh Park - Earthworks and Drainage IFC Drawings as a result of delayed drainage consents.													
									Gyle Stop retaining Walls													
									FoW to 44 four Street IFC Drawings (As 68)													
									Haymarket to Roseburn Junction - SW Consent Issue (as 68)													
									Gogar additional tram stop revised scope	119,176	77,466	53,630	119,176	X		95,344						
	15A					5C		GA	Edinburgh Gateway Project						0						construction part on	
									Design Cray for Alterations to design of Edinburgh Airport Tramstop and retaining wall design at Jubilee Road as per letter INF-CORR 072 dated 5th August 2008	48,174	31,313	21,678	48,174	X		48,174	31,311	23,212	7.41%	99%		
						1D	66	SK	Instruction from CEC to design an alternative layout for Haymarket Junction	51,722	33,619	23,875	51,722	X		51,722	33,619	24,922	7.41%	100%		
									Gogarburn Retaining Wall - CEC requesting change to the finish of the wall as per PW letter ULE901330-07-LET-00369 dated 3 September	4,553	2,959	2,049	4,553	X		4,553	2,959	2,194	7.41%	91%		
						SW		SK	Environmentally Friendly Lighting - CEC has requested using 72 watt pil lamp rather than the 70 watt CDD (white light) as per PW letter ULE90130-SW-LET-01164 dated 3 September	10,554	6,866	4,754	10,554	X		10,554	6,866	5,090	7.41%	100%		
	10					SW ON		SK	MUDFA TO INFRACC transfer of Utilities Diversion Section 1A, 1B, 1C and 1D	2,500,000	1,625,000	1,125,000			2,500,000							
						1B		SK	44 four Street Crossing	8,796	5,717	3,958	8,796	X		8,796	5,717	4,238	7.41%	100%		
						1A		SK	Lindsay Road, Ocean Drive, Ocean Terminal & lower Place Planning Permission	47,537	30,964	21,437	47,537	X								
									Hilton Hotel Full Planning	10,976	7,134	4,939	10,976	X								
						1D		SK	Shandwick Place DED preferential Treatments	321,675	209,089	144,754	321,675	X		71,456	209,089	154,995	7.41%	100%		
									Notified Departure due to the issue of SDS Design programme V32.													
									Notified Departure due to the issue of SDS Design programme V33.													
									Notified Departure due to the issue of SDS Design programme V34.													
									Notified Departure due to the issue of SDS Design programme V35.													
			237						IFC Drawing Changes - A8 Underpass	851,128	559,733	387,508	851,128	X		559,733	414,925	7.41%	16%			
									IFC Drawing Change Murrayfield Stadium RTW	546,492	355,220	245,921	546,492	X								
			109						IFC Drawing Change Murrayfield Underpass	134,299	87,294	60,434	134,299	X		25,930	25,930					
113a									Russell Road Bridge Temporary Works - Soil Nailing	151,162	104,755	72,623	151,162	X								
									IFC Drawing Change Roseburn Viaduct	200,000	130,000	90,000			200,000							
									Extra Demolition required at Russell Road Retaining wall to Roseburn Street Units & Roseburn Garage.													
									IFC Drawings Demolition and reinforcing of existing building for Leith Walk Sub Station sub station now positioned in a area of building to be demolished													
						1A			Delay in receipt of CEC prior approval Sections 1A1 & 1A2													
								SK	Forth Ports Agreement and Design Completion	55,395	36,007	24,928	55,395	X		55,395	36,007	26,692	7.41%	99%		
						SW OFF			Requirement for Principal Contractors License for Network Rail Related Works	1,136,898	738,994	511,604	1,136,898	X								
								SK	CEC's Request for Extension of Time for PFI or Approvals 1/01a, 1/01b and 1/01c													
								OH	Delay to Issue of IFC Drawings for (ing) Leith Park and Ride Tram Stop													
						5A		GA	Design the piled foundation to the Water of Leith Bridge to avoid the existing 950 x 1200mm egg shaped combined sewer	32,066	20,844	14,431	32,066	X		32,066	20,844	15,452	7.41%	100%		
						1A		SK	Delay to issue of IFC Drawings for Part of Leith Tram Stop													
								GA	CEC's intent to adopt private roads between Leithside Crescent and Leithside Avenue.	46,032	29,921	20,714	46,032	X		40,071	29,921	22,180	7.41%	100%		
143b						5C			Works to Junction 204 to facilitate adoption by CEC	106,357	69,138	47,865	106,357	X		57,800	57,800					
						5A		GA	IFC Drawings Change Murrayfield Training Pitches Retaining Wall	454,039	295,125	204,318	454,039	X		70,846						
									Removal and installation of material from Murrayfield station 750 per station	88,888	58,888	41,777	88,888	X		88,888	58,888	41,777	7.41%	100%		

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										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %				
153								GA	IFC Drawing changes Soft Landscaping Section 5 sheets 1 to 26	326,102	211,966	146,746	326,102	X									
156						SW OFF		GA	IFC Drawing changes OLE Section 5 sheets 1 to 13	170,079	110,551	76,535	170,079	X			110,551	81,950	7.41%	100%			
158								GA	IFC Drawing changes Tramstops Balgreen Edinburgh Park Saughton and South Gyle	48,095	31,262	21,643	48,095	X					7.41%	85%			
159								GA	IFC Drawing changes - Edinburgh Park Bridge	282,568	183,734	127,200	282,568	X			183,734	136,200	7.41%	85%			
162	20							GA	Bus Tracker, TPDS and Radio														
165								GA	Haymarket Taxi Stance	26,215	17,040	11,797	26,215	X			26,215	17,040	12,632	7.41%	100%		
164								GA	Delayed/listed Building Consent Applications														
166								GA	Delayed Issued of IFCs for Section 1A4														
167a								GA	Further changes to Wanderers Clubhouse Building at Murrayfield	25,597	16,638	11,619	25,597	X			16,638	12,334	7.41%	100%			
167b	108							GA	Further changes to Wanderers Clubhouse Building at Murrayfield - additional radatars	12,775	8,304	5,749	12,775	X			8,304	6,156	7.41%	100%			
168	23							GA	Traffic Modelling - Pedestrian Crossing Timings Standstill	42,844	27,849	19,280	42,844	X			42,844	27,849	20,644	7.41%	100%		
170								SK	Discovery of new UT ducts under kerb line in Section 1B														
176								GA	Provisional Sums: Mandatory Change Defined in 12 & 13														
182								GA	Edinburgh Airport Tramstop Kiosk	13,175	8,564	5,929	13,175	X			13,175	8,564	6,348	7.41%	100%		
185								SK	Discovery of Tbus Ducts and Gas Main - Chainage 374RHS														
188								GA	Contaminated Material at Carrickrowe	14,488	9,417	6,520	14,488	X			9,417	6,981	7.41%	100%			
189								SK	Discovery of Low Voltage Cable in Road Formation	1,000					1,000								
190								SK	Discovery of Gas Main - Chainage 353 RHS														
190								SK	Discovery of Duct Crossings - Chainage 268 RHS														
197								GA	Cycle path near Gyle tramstop. Widening of shared cycleway/footway required by CEC outside the Limits of Deviation.	11,700	7,605	5,265	11,700	X			11,700	7,605	5,638	7.41%	100%		
203								GA	IFC Drawing changes - Gogarburn Depot														
203AA								GA	BDDI to IFC Tram Wash Plinth Change	6,935	4,508	3,121	6,935	X			4,508	3,342	7.41%	100%			
203AA16								GA	BDDI to IFC Introduction of Air Conditioning to Meeting and Training Rooms														
203AC								GA	BDDI to IFC Suspended Ceiling to Battery Room Change	1,631	1,060	734	1,631	X			1,060		7.41%	100%			
203AD 28								GA	BDDI to IFC External Lighting Hinge Column Change	47,187	30,672	21,234	47,187	X						7.41%	100%		
203AD 29								GA	BDDI to IFC Additional Disabled Toilet Alarm GF Room 25 Change			179	124				179	132	7.41%	100%			
203AE 33								GA	BDDI to IFC Additional roller Shutter Door Supplies and Fire Alarm interfaces Change	4,933	3,206	2,290	4,933	X			3,206	2,377	7.41%	100%			
203AF								GA	Maintenance Pits Steel Plinths	69,589	45,233	31,315	69,589	X			45,233	33,530	7.41%	100%			
203AE								GA	IFC Issue of Drawings for Internal Staircase Change	5,000	3,250	2,250			5,000	3,250	2,409	7.41%	100%				
203AG								GA	Change to Depot Service Yard	132,305	85,998	59,537	132,305	X			85,998	63,750	7.41%	100%			
203AA								GA	Acad Drainage Channel to Hard Standing	133,260	66,832	59,976	133,260	X									
203AI								OH	BDDI to IFC External Traction, Power and Communications Ducting Change	90,000	32,500	22,500			50,000								
203AJ								GA	BDDI to IFC Changes to the Road/Rail Crossing	2,571	1,671	1,157	2,571	X									
203AN								OH	IFC Rev 7 to IFC Rev 11 Drainage Changes	182,715	79,765	55,222	182,715										
203AS								GA	BDDI to IFC Depot Building Rheda City C Trackform Change	62,244	40,458	28,010	62,244										
203c								GA	Hard Landscaping	196,717	127,666	88,523	196,717										
203d								GA	Soil Nailing and Soil Reinforcement Works	458,788	298,213	206,455	458,788										
203e								GA	Response - BDDI to IFC Change														

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										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %				
						8	83	381	Piling to OLE poles - IFC Drawings	390,629	253,909	175,763	390,629				253,909	188,220	7.41%	100%			
						8	83	381	Increase on number of OLE bases - I/DD1 to IFC	69,245	45,009	31,160	69,245				45,009	33,365	7.41%	100%			
						8	83	381	IFC issue drawings for reinforcement to pit walls	57,059	37,089	25,677	57,059				37,089	27,493	7.41%	100%			
203i3						8	83	381	IFC issue drawings for introduction of waterproof concrete	75,076	49,450	34,834	75,076				49,450	36,656	7.41%	100%			
203m						8	83	381	IFC issue drawings for installation of incoming gas main	97,473	53,358	43,863	97,473				53,358	46,956	7.41%	100%			
283n						8	83	381	IFC to IFC drainage changes - attenuation tank	86,119	55,977	38,753	86,119				55,977	41,495	7.41%	100%	incl. in 203n2		
203q						8	83	381	IFC issue drawings for earthing and bonding	78,859	51,258	35,486	78,859				51,258	37,997	7.41%	100%			
203q2						8		381	Supply and installation of lightning protection to roof all as per attached CVI	65,077	42,300	29,285	65,077										
203q3						8		381	Lightning protection system and Earthing & Bonding	17,994	11,696	8,097	17,994										
						8	83	381	IFC drawing Change - revised specification for Kaba Doors	152,505	99,128	68,627	152,505				99,128	73,443	7.41%	95%			
203i						8	83	381	IFC drawing Change to the sub-station slab	16,356	10,632	7,360	16,356				10,632	7,881	7.41%	100%			
						8		381	IFC issue drawings for Smoke Vents	19,025	12,366	8,561	19,025										
203u2						8	83	381	I/DD1 to IFC Changes to Fire Rating Timber Doors	28,177	18,315	12,680	28,177				18,315	13,577	7.41%	100%			
203v						8	83	381	IFC drawing Change to Drainage revision 6 - IFC to IFC	153,955	100,071	69,280	153,955		25,022	25,022	100,071	74,162	7.41%	75%			
203w						8	83	381	IFC drawing Change to blockwork reinforcement	135,992	88,395	61,196	135,992				88,396	65,526	7.41%	100%			
203x						8	83	381	Windpost changes - I/DD1 to IFC	23,430	15,229	10,543	23,430				15,229	11,289	7.41%	100%			
203z						8	83	381	Change to structural steel support to sliding screens in offices	6,950	4,517	3,127	6,950				4,517	3,349	7.41%	100%			
						8	54	381	IFC Drawing changes - Roads , Street lighting , Drainage Section 5B	393,256	249,117	172,465	393,256	X		172,398	172,398	249,117	184,658	7.41%	25%		
						8	5C	381	IFC Drawing changes - Roads , Street lighting , Drainage Section 5C	545,986	354,891	245,694	545,986	X		43,566	43,566						
						8	83	381	Leith Walk Christmas Embargo	250,038	162,524	112,517	250,038	X		130,708	130,708	162,524	120,478	7.41%	100%		
						8	1B	381	IFC Drawing changes - McDonald Road and Leith Walk Tram Stops	12,697	8,253	5,713	12,697	X									
						8	1B	381	IFC Drawing changes - Road, Street Lighting, Landscaping and Drainage Section 1B	1,622,402	1,054,561	730,081	1,622,402	X									
210b						8	1B	381	Section 1B - IFC drawing changes - Drainage	103,381	67,198	46,521	103,381	X									
210d						8	1B	381	Section 1B - IFC drawing changes - Street lighting Ducting	36,706	23,859	16,518	36,706	X									
210h						8	1B	381	Section 1B - IFC drawing changes - Road Restraint Systems	469	211	146	469	X									
211						8	83	381	IFC Drawing changes - Haymarket Tram Stop	65,467	42,554	29,460	65,467	X									
212						8	83	381	IFC Drawing changes - Roads and Street Lighting, Landscaping and Drainage Section 2A	269,338	175,070	121,202	269,338	X		49,815	49,815						
213						8	83	381	IFC Drawing changes - Haymarket Station Substation	15,846	10,300	7,131	15,846	X									
215						8	1B	381	Demolition and alteration of existing Bus Depot at Leith Walk	251,679	163,591	113,256	251,679	X									
217						8	1B	381	Discovery of 17 bus ducts above formation level and fouling kerb line - Chainage 250 RHS.	5,000	3,250	2,250			5,000				500				
219						8	1B	381	Discovery of Hydrant above formation level - Chainage 177 RHS														
227						8	2A	381	Operational Design Review of Haymarket - changes arising														
228						8	1C	381	Relocation of bus stop with L O D at Princes Mall	1,929	1,254	869	1,929	X					1,161	1,161			
						8	1C	381	IFC Drawing Changes - Section 1C drainage	10,000	6,500	4,500			10,000								
232a						8	1C	381	Changes to Roads Design - Section 1C (exc Picardy & York Pl & Princes Street)	1,896,703	1,232,857	853,516	1,896,703	X									
232b						8	1C	381	Changes Kerbs & footways design Section 1C (exc Picardy & York Pl & Princes Street)	1,404,713	913,064	632,121	1,404,713	X									
232c						8	1C	381	Section 1C (Princes St) highway surfacing as executed during PSSA works	815,198	528,879	365,839	815,198	X									
						8	1C	381	IFC Drawing Changes - Section 1C (exc Picardy & York Pl & Princes Street)														

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										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %			
									Options for drainage outfall consent at the Airport													
240						1B		SK	Removal and Reinstatement of 11 Phone Boxes	8,267	5,374	3,720	8,267	X								
						SWDN		SK	Building Fixing Owner Agreements - Information required to support Court Proceedings (Clause 20.8 of Infraco Contract).	16,747	10,888	7,536	16,747	X		3,522	10,888	8,069	7.41%	21%		
									Notified Departure due to the issue of SDS Design programme V36.													
									Notified Departure due to the issue of SDS Design programme V37.													
									Notified Departure due to the issue of SDS Design programme V38.													
									Notified Departure due to the issue of SDS Design programme V39.													
							40	SK	Leth Walk - Chainages 100-350 - additional work carried out during "embargo" period	62,441	40,587	28,098	62,441	X		21,655	25,481	40,588	30,088	7.41%	100%	
							1C	SK	IFC Drawing Changes - Section 1C CLE Layout													
252							1C	SK	IFC Drawing Changes - Section 1C Track Horizontal Alignment													
							1C	SK	IFC Drawing Changes - Section 1C Track Vertical Alignment													
255							1C	SK	Removal by others of materials from central reserve on Princes Street													
251							1B	SK	IFC Drawing Changes - Section 1B - Wafour Street Tram Stop				613	X								
263							1A	SK	IFC Drawing Changes - Section 1A - Victoria Dock Bridge				51,737	X		51,737	293,449					
								SK	IFC Drawing Changes - Earthworks General Arrangement													
264a			219				1A	SK	IFC drawings and specifications lowering Lindsay Road	1,972,142	1,281,892	887,464	1,972,142	X		718,600	718,600					
264b							1A	SK	IFC drawings and specification for work in Chainages 100000 to 100600 - Section 1A4	1,573,154	1,022,550	707,919	1,573,154	X		1,022,550	798,006			7.41%	0.4%	
264c							1A	SK	Lindsay Road Lowering - Utilities	14,381	9,347	6,471	14,381									
								SK	Accommodation Works - Section 2A Access Retaining Wall - Verity House	72,462	47,100	32,608	72,462	X		22,717	22,717	47,100	34,916	7.41%	100%	
								SK	Revisions to Scottish Water Diversion 6CSWD/01A	60,000	32,500	22,500			50,000							
							65	SK	RWS Tramsstop - Provide an Estimate for diversion of LV Power and Water supplies crossing the tram track	17,353	11,260	7,809	17,353	X		1,955	1,955	11,280	8,362	7.41%		
								SK	EAL Tramsstop - BAA Interface	6,377	4,145	2,870	6,377	X			6,377	4,145	3,073	7.41%		
							66	SK	Airport Tramsstop Canopy - in options.	49,982	32,488	22,492	49,982	X		44,983	32,488	24,083	7.41%	90%		
								SK	Wider Area Modelling Proposals	4,109	2,671	1,649	4,109	X			4,109					
									Notified Departure due to the issue of SDS Design programme V40.													
							1A	66	SK	Forth Ports Traffic Signal - Section 1A4 - Widened Crossing required	9,131	5,935	4,109	9,131	X		9,131	5,935	4,400	7.41%	100%	
301								SK	Develop and seek approval for enabling works for diversionary route from Princes Street to George Street/Queen Street	147,906	96,140	66,558	147,906	X		120,257	120,257	96,140	71,268	7.41%	100%	
								GA	Protection of live GAS utility during construction	200,000	130,000	90,000			200,000							
							1C	SK	Crawley Tunnel - insufficient ground cover	23,673	15,387	10,853	23,673	X			23,673	15,387	11,406	7.41%		
306							1B	SK	Discovery of underground structure on Leth Walk	5,091	3,309	2,291	5,091	X								
								QH	Gogar Landfill Scottish Water Utility Diversion	23,195	15,077	10,438	23,195	X		16,946	16,946	15,077	11,176	7.41%	95%	
							1A	SK	IFC Drawing Changes - Section 1A - Drainage	20,000	13,000	9,000			20,000							
312								SK	IFC Drawing Changes - Leth Walk													
								QH	IFC Drawing Changes - Section 7 Soft Landscaping	544,661	354,029	245,097	544,661	X								
314							7A	82	IFC Drawing Changes - Section 7 Track Vertical and Horizontal Alignment Drawings	345,593	224,636	155,517	345,593	X			224,636	166,520		7.41%	80%	
316a							1D	SK	Section 1D IFC Drawing Changes - Roads Site Clearance - limited work area	1,466,303	953,097	659,636	1,466,303	X								
316/1 (316a)							1D	SK	Section 1D IFC Drawing Changes - Roads - Excluding Princes Street Works	1,466,303	953,097	659,636	1,466,303	X								
								SK	Section 1D IFC Drawing Changes - Kerbs, Footways and Paved Areas - Excluding Princes													

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										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %			
315						1D		SK	Section 1D - IFC drawing changes - drainage - plate 24 only	20,753	13,490	9,339	20,753	X								
315/5						1D		SK	Section 1D IFC Drawing Changes - Traffic Signs & Road Markings	177,177	115,165	79,730	177,177	X								
315/6						1D		SK	Section 1D IFC Drawing Changes - Road Restraint	34,627	22,506	15,692	34,627	X								
315/7						1D		SK	Section 1D Change to Street Lighting Ducts	24,206	15,734	10,893	24,206	X								
315/8						1D		SK	Princes St - Road Construction	514,872	334,867	231,892	514,872	X								
319						1D		SK	Shandwick Place TROS Signage	7,940	6,161	3,573	7,940	X		7,940	5,161	3,626	7.41%	100%		
320						63		SK	Introduction of mass concrete foundations at Depot - Post IFC Change	30,915	20,030	13,867	30,915	X			20,030	14,848	7.41%	100%		
323						40		SK	A8 Underpass Phase 1 Pile Toe Levels	34,319	22,304	15,444	34,319	X			22,304	16,536	7.41%	100%		
326						40		SK	Expose existing gully connections at Charnage 272-328 RHS	3,705	2,408	1,667	3,705	X			2,408	1,785	7.41%	100%		
329						1C		SK	Break out foamed concrete backfill	7,325	4,762	3,297	7,325	X			4,762	3,530	7.41%	100%		
331						1C		SK	Princes Street - Reinforced Concrete Slab above Track Box					X								
343						5		QH	Street Lighting - Height of poles	2,049	1,332	887	2,049	X		2,049	1,332	987	7.41%	100%		
349						56		GA	Edinburgh Park Bridge Structural Fill	106,527	69,242	47,937	106,527	X			69,242	51,329	7.41%	100%		
348						1D		SK	Additional Signs on Queen Street	266		120	266	X			173	128	7.41%	100%		
353						1D		SK	Additional Measures at George Street	4,616	3,130	2,167	4,616	X								
354						1D		SK	Provide Corex signs and double yellow lines on George Street	3,062	1,990	1,378	3,062	X								
355						SWON		SK	Additional Signage at George Street/ St Andrews Square	2,954	1,920	1,329	2,954	X								
366						21		SK	Replace MASS barriers at George Street, Hanover Street and Frederick Street	2,331	1,515	1,049	2,331	X			1,515	1,123	7.41%	100%		
367						SWON		SK	Trial Holes in Princes Street	235,090	152,809	105,791	235,090	X		84,538	152,609	113,275	7.41%	100%		
369						SWON		SK	Traffic Management - Provide Wider Area Signage to Princes Street	11,899	7,734	5,354	11,899	X								
369						26		SK	Gogarburn Bridge East Abutment - excess ground water	3,864	2,511	1,739	3,864	X			2,511	1,862	7.41%	100%		
369a						26		SK	Demolish all Structures on Plots no. 97 and 102 near Roseburn Street	8,537	5,549	3,842	8,537	X								
370a						26		SK	Gogar Landfill Area - Surcharging and monitoring of surcharge	458,002	297,702	206,101	458,002	X		97,711	179,618	297,702	220,683	7.41%	100%	
370b						26		SK	Gogar Landfill Area - Soil Nailing and Reinforced Earth	524,034	340,822	235,815	524,034	X								
374d						26		SK	Gogar Landfill Area - Trackform Change				65,867	X	65,867							
375						65		SK	Revised CLE foundation and layout Section 1	73,526	47,792	33,087	73,526	X		32,436	47,792	35,428	7.41%	95%		
375a						65		SK	Changes to CLE bases Section A1, A, C & D	606,960	394,537	273,141	606,980	X								
376						65		GA	Redesign of CLE piles foundations due to increased loadings - Line 2	135,627	88,158	61,032	135,627	X		116,233	88,168	65,350	7.41%	100%		
377						SW		SK	Amend CLE system design documents	7,644	4,969	3,440	7,644	X		6,880	4,969	3,683	7.41%	90%		
378						SW		SK	Amend site wide CLE building fixing loads and layout drawings	6,903	4,487	3,106	6,903	X		1,431	4,487	3,326	7.41%	26%		
379						SW		SK	Combined CLE/Pole/Lighting poles	55,039	35,776	24,788	55,039	X		49,931	35,776	26,520	7.41%	90%		
380						5C		GA	Amend CHLE fixings at Depot Access Bridge	23,513	15,283	10,581	23,513	X		11,740	15,283	11,329	7.41%	100%		
381						SWON		SK	Section 1C/1D - Charlotte Square West End On Parking	2,954	1,920	1,329	2,954	X			1,920	1,424	7.41%	100%		
382						1D		SK	Section 1D - Bus Gate at Shandwick Place	3,398	2,209	1,529	3,398	X								
384						21		SK	Section 1C/1D - Salurn Studs at George Street and Frederick Street		39	27	60	X				29		7.41%	100%	
385						1C		SK	Section 1C/1D - Additional Traffic Management at Princes Street	500	326	225		X	50							
389						1C		SK	Section 1C/1D - Production of As Built Drawing for Princes Street Diversion	3,659	2,378	1,647	3,659	X			2,378	1,763	7.41%	100%		
390						1C		SK	Amend Detail Wall from 10/0/09					X								

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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	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %			
									Notified Departure due to the issue of SDS Design programme V42													
396								DG	Notified Departure due to the issue of SDS Design programme V43													
								SK	Additional Retaining Wall at Tower Bridge Pumping Station	5,757	4,392	3,040	6,757	X								
								GA	Gogar Drive Eastworks Northern Boundary Drainage Design	20,000	13,000	9,000	7,403	X	12,597	7,403	13,000	9,637	7.41%	100%		
411							SW OFF	GA	IFC Drawing Changes	2,404,419	1,562,872	1,081,988	2,404,419	X		18,441	18,441					
	48.98							GA	Depot Floor - Pit for a manual toggle turntable	25,273	17,077	11,893	25,273			14,406	14,406	17,077	12,659	7.41%	100%	
	52							GA	Provisional Sum Depot Pumping Station, manhole and rising main	55,024	42,255	29,281	55,024									
								GA	AAA Dualing Future Proofing (Eastfield Avenue)	3,377	2,195	1,590	3,377	X		1,305	2,195	1,627	7.41%	100%		
								GA	Remove Soft Material from Sub Grade of Depot Access Road as per CVI BARR06007	36,804	23,923	16,562	36,804									
424a								CH	Revised IFC HRL Drawings Section 7 - Road Scheme Layout	54,662	35,543	24,607	54,662	X								
424b								CH	Revised IFC HRL Drawings Section 7 - Gogar Farm Road Layout	3,836	2,493	1,726	3,836	X								
								CH	Revised IFC HRL Drawings Section 7 - Ingliston Park and Ride Tram Stop access and car park	256,368	173,139	119,866	256,368	X		250,661	250,661					
424d								CH	Revised IFC HRL Drawings Section 7 - Junction 210 traffic signals (additional civil works)	12,013	7,806	5,406	12,013	X								
424e							7A	CH	Revised IFC HRL Drawings Section 7 - Glasgow Road footway realignment	36,066	23,444	16,231	36,066	X								
								GA	Issue of MUDFA Programme Revision 8	565,455	367,546	254,455	565,455	X								
433b							2A	SK	Traffic Management for Verily House Access Road	8,126	5,282	3,657	8,126	X			5,282	3,916	7.41%	100%		
435							1C	21	SK	Traffic Management for MUDFA Works	6,684	4,345	3,008	6,684	X		6,684	4,345	3,221	7.41%	100%	
440								GA	Utilise conflict slots within 1.2 metre clearance zone													
								GA	Carrock Knowe Bankhead Drive Corridor Contamination	1,140,671	741,436	513,302	0	X	1,140,571							
								GA	Busgate Contamination	275,616	179,150	124,027	0	X	275,616							
444d								GA	Sothral Replacement Carpark Contamination of Excavated Material	2,306,740	1,500,681	1,038,933	0	X	2,306,740							
								GA	Track Drainage													
443								DG	Notified Departure due to the issue of SDS Design programme V44													
								DG	Notified Departure due to the issue of SDS Design programme V45													
								DG	Notified Departure due to the issue of SDS Design programme V46													
							1C	GA	Revised CLE location due to Scottish Power installation - Princes Street at chainage 121395													
								GA	AAA New Burnside Road Alignment	5,950	3,864	2,678	5,950	X		5,582	3,864	2,867	7.41%	90%		
								GA	Stage D drawings for tramstops	55,722	36,219	25,075	55,722	X								
452								GA	West Depot Entry/Exit turnout													
453							5B	GA	5B Drainage to Guided Busway													
454							21	SK	Alteration of traffic management at Lollian Road Junction to accommodate MUDFA RT and Gasworks	1,742	1,133		1,742	X			1,133		7.41%	100%		
454							1A	SK	Revised Junction Layouts - Section 1A		325	225			500							
								GA	IRD changes - Informal consultation													
							1A	SK	Forth Ports Substation - redesign	13,794	8,968	6,207	13,794	X		13,794	13,794	8,968	6,646	7.41%	90%	
483							1A	SK	Forth Ports drainage approval	13,819	8,982	6,218	13,819	X								
485								GA	Redesign of Drainage at AAA/CCRC Interface	3,779	2,455	1,701	3,779	X		3,830	2,456	1,821	7.41%	100%		
								GA	AAA Drainage at Depot	50,000	32,500	22,500			50,000							
								GA	AAA Drainage at Depot	50,000	32,500	22,500			50,000							

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										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %			
475								SK	Tram Stops Development Workshop - changes arising	157,134	102,137	70,710	157,134	X		27,413						
477						66	SK	Sub Station Development Workshop - changes arising	120,463	78,314	54,217	120,463	X		52,630	76,314	58,053	7.41%	100%			
478							SWDN	SK	Issued to Closeout/CEC Roads TAA Sign Off													
479a							GA	SK	Sewer Lining works at Water of Leith Bridge: Additional Manhole	5,000	3,250	2,250			5,000							
479b							GA	SK	Sewer Lining works at Water of Leith Bridge: Intrusions	3,049	1,862	1,372	3,049	X								
480								SK	Changes to sub-stations arising from development workshops													
481						62	SK	SK	Culvert 1 - Excavation below formation level	29,327	19,062	13,197	29,327	X		17,262	17,262	19,062	14,131	7.41%	100%	
482							SK	SK	Merderston Street operational track cross over													
487	70						SK	SK	Gogar Depot South embankment reinstatement and water supplies	10,000	6,500	4,500			10,000							
488							SW	SK	Development workshop for drainage - changes arising	49,508	32,160	22,279	49,508	X		43,085	43,086	32,160	23,855	7.41%	95%	
489						54	GA	SK	Piling obstructions encountered at guided busway	16,188	10,522	7,285	15,188	X		8,288	8,288	10,522	7,800	7.41%	100%	
490							SK	SK	Testing to carriage way at Leith Walk	54,198	35,229	24,369	54,198	X		30,670	40,470	35,229	26,115	7.41%	100%	
493							GA	SK	Base Date/Design to issued for Construction Drawings - Murrayfield Stadium Tram Stop	130,611	64,897	58,775	130,611	X		3,825	3,825					
494							GA	SK	IFC drawing changes - Ducting and Cable Routes	87,233	56,702	39,255	87,233	X								
494a							GA	SK	IFC drawing changes - Ducting and Cable Routes	20,000	13,000	9,000			20,000							
495							GA	SK	IFC drawing changes - Section 5C - Ducting and Cable Routes	318,493	207,021	143,322	318,493	X								
496							SK	SK	IFC drawing changes - Ducting and Cable Routes	1,109,336	721,068	499,201	1,109,336	X								
496a							SK	SK	IFC drawing changes - Ducting and Cable Routes	306,672	199,337	136,032	306,672	X								
496b							SK	SK	IFC drawing changes - Ducting and Cable Routes	754,397	490,368	339,479	754,397	X								
496c							SK	SK	IFC drawing changes - Ducting and Cable Routes	424,232	275,751	190,904	424,232	X								
497							SK	SK	Princes street arches													
498							SK	SK	IFC Issue drawings for Bus Lane and Tramonly zones - Systemwide	732,253	475,964	329,514	732,253	X								
500	74, 74a, 74b					66	SK	SK	RWS Tramstop - Provide Future Proofing	8,409	5,466	3,784	8,409			8,409	5,466	4,052	7.41%	100%		
503							SK	SK	Track side signage													
504						61	SK	SK	Removal of obstructions at Russell Road Retaining Wall	62,901	40,885	28,385	62,901	X		37,035	40,885	30,338	7.41%	100%		
506							SK	SK	Additional footway across Depot Access Bridge	25,000	16,250	11,250			25,000							
510							SK	SK	IFC drawing changes - Section 7A - Ducting and Cable Routes	140,600	91,390	63,270	140,600				91,390	67,747	7.41%	95%		
511							GA	SK	Piling obstructions - alternative design required	216,679	140,971	97,596	216,679	X			140,971	104,501	7.41%	100%		
512							SK	SK	IFC changes to Kerbs, Footways, Cycleways, Laybys, Busbays and Paved Areas Specification													
515							SK	SK	Floating Slab in City Centre													
519							SK	SK	Revised scope St Andrew Square													
520							SK	SK	Traffic Management to accommodate re-introduction of buses on Princes Street	114,311	74,302	51,440	114,311	X								
523							SK	SK	A8 Underpass - support and protect BT equipment	80,348	52,226	35,157	80,348	X			52,226	38,715	7.41%	100%		
525							SK	SK	Development workshop for earthing and bonding - changes arising	54,703	35,557	24,616	54,703	X		10,275	10,275					
526							SK	SK	Changes to Traffic Regulation Orders at Grosvenor Street	56,677	38,140	26,404	56,677	X								
527							SK	SK	Network Rail Access Road	157,654	102,475	70,944	157,654	X								
528							SK	SK	IFC Drawing changes - Roads, Streetlighting, Drainage	123,227	80,098	55,452	123,227	X		73,375	73,375					

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										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %					
									Notified Departure due to the issue of SDS Design programme V48															
									DG Notified Departure due to the issue of SDS Design programme V49															
									Notified Departure due to the issue of SDS Design programme V50															
									Notified Departure due to the issue of SDS Design programme V51															
						1A			Amendments to Tower Place bridge															
									incomplete utility works	17,324,225	11,260,746	7,795,901	17,324,225	X										
									Noise and vibration works arising from the study cancelled out under NTC 438	80,431	52,260	35,194	80,431											
									Edinburgh Airport Platform changes															
							65		Edinburgh Airport - CEC changes	1,9938	12,950	8,972	1,9938	X	19,938	19938	12,950	9,607	7.41%	100%				
							1B	SK	Curdy Works - chainage 85-100	1,903	1,237	856	1,903	X	543	1,903	1,237	917	7.41%	100%				
							58	GA	Additional parapet upstand on deck of Carrick Knowe bridge	13,131	8,535	5,309	13,131	X			8,535	6,327	7.41%	100%				
								SK	Remove Bus Shelters in George Street	70,300	45,695	31,635	70,300	X										
									Airport Phase A works delayed due to drainage setting out conflict															
							SW OFF	GA	Accommodation Works - Section 5				0	X										
							1D	SK	CEC's amendments to street lighting	2,225	1,446	1,001	2,225	X										
							SW OFF	GA	Amend Trackform at stated locations															
								GA	Below Ground Obstructions - Piling to Russell Road Retaining Wall W4	65,009	42,906	29,704	65,009	X	16,871	16,871	42,906	31,806	7.41%	100%				
							7A		Edinburgh Airport CCRG Walkway Earthing and Bonding	6,208	4,035	2,793	6,208	X										
									Bus Gate protection and diversion of existing services	43,866	28,513	19,740	43,866	X			35,000	28,513	21,136	7.41%	100%			
									A8 Underpass grouting of existing sewer	85,041	55,277	38,269	85,041	X			20,000	55,277	40,976	7.41%	100%			
							1D	SK	Reinstatetraffic island on Princes Street - Chainage 130-280	1,338			1,338	X			1,338	1,338						
									Accommodation Works - Section 7															
		60					SW OFF		Point Mahrie Position (SV-0116)				0	X										
							1D		Delayed access to Clifton Terrace (phase 1) due to MUDFA delayed completion															
									Out of sequence working at Haymarket/Lotian Road junction due to MUDFA delayed completion															
							1A		Forth Forks Area - fence alterations															
									Remove surplus material from Plot 304	289,756	188,341	130,390	289,756	X			250,000	168,341	139,516	7.41%	100%			
									Developed kinematic envelope (DRE) - Site Wide															
								GA	Busgate, Contamination	10,000	8,500	4,500			10,000									
							5C	GA	W19 - Gyle Stop retaining wall - protection of existing services	81,543	53,198	36,830	81,543	X										
								GA	A8 Underpass - Phase 2 - Change to pile toe levels	40,246	26,161	18,111	40,246	X			26,161	19,399	7.41%	100%				
							SW		Informative approvals process changes by CEC															
									Revisions to TRC public exhibition document - additional comments															
							1A		Lindsay Road retaining wall 1C - Unforeseen ground conditions - Archaeological findings	6,935	4,508	3,121	6,935	X			1,500	4,508	3,341	7.41%	100%			
							7A	82	Invasive Species - Gogar Landfill Area - Giant Hogweed	77,369	50,303	34,825	77,369	X			46,377	50,303	37,289	7.41%	100%			
		93					1C	SK	Revised traffic management at Junction of the Mound, Princes Street and Hanover Street	7,520	4,888	3,384	7,520	X			1,416	1,416						
								SK	Special trackform construction at shallow depth obstructions	120,959	78,624	54,432	120,959	X										
									PRR Verification Baseline - TO 1511															

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										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %				
						5A		GA	Contaminated material at Murrayfield Tramstop W18 retaining wall	1,587,350	1,031,778	714,308			1,587,350								
593						5A		GA	Revisions to OLE bases - Section 2A	408,641	265,517	163,889	408,641	X									
						5A		GA	IFC drawing changes - Section 2A - Ducting and Cable Routes	256,573	166,873	115,456	256,573	X									
594A						5A		GA	IFC drawing changes - Section 2A - Ducting and Cable Routes	15,000	9,750	6,750			15,000								
						5A		GA	Possession of carpark at Haymarket - unrestricted access														
						5A	61	GA	Remediation of soft ground - Technical Query no. 1550	74			74	X		1,500	44			7.41%	100%		
596						1A		SK	Victoria Dock Entrance Bridge - road safety audit on existing parapets														
						1A	31	SK	Wall 1C - Unforeseen ground conditions - 500mm dia. Concrete pipe	1,333			1,333	X		300	866			7.41%	100%		
						1A		SK	Lindsay Road retaining wall 1A - Unforeseen ground conditions - sand layer	71,707	45,610	32,268	71,707	X		5,000	46,610	34,551		7.41%	71%		
603								SK	Lindsay Road radio mast - to be relocated														
						5B	54	GA	Bus Gate - discovery of existing utilities - Street lighting, power supply and ducting	2,517	1,635	1,132	2,517	X		1,500	1,538	1,213		7.41%	100%		
						5A	31	SK	Archaeological Findings West Abutment			214	484	X			315	233		7.41%	100%		
607								SK	Tram stops - CEC and tie comments not in accordance with Schedule Part 14														
608						1A		SK	Accommodation Works at plots S1 and S2 at Forth Ports	35,080	22,802	15,766	35,080	X		5,468	5,468						
610						1A		SK	Adoption lines in the Forth Ports area														
							54	GA	Bus Gate existing drainage	3,823	2,485	1,720	3,823	X			2,485	1,842		7.41%	100%		
613								GA	W8 and Drive RTW - contaminated material	1,204,952	763,219	542,228			1,204,952								
								SK	WDDI to IFC Drawing Changes	4,970,323	3,230,710	2,295,645	4,970,323	X									
						5C	37	SK	A8 Utility Works - Slew and protect 4way Geonet duct bank	6,019	3,913	2,709	6,019	X		5,000	3,913	2,900		7.41%	100%		
								SK	Turning head at depot access road														
						5C	58	SK	Depot Access Bridge - piling obstructions	9,481	6,163	4,266	9,481			6,031	6,031	6,163	4,568		7.41%	100%	
						5C	58	SK	Depot Access Bridge - piling obstructions	29,664	19,261	13,349	29,664	X		9,483	9,483	19,261	14,293		7.41%	100%	
						1A		SK	Tower Place Bridge East Abutment - discovery of HV cable	57,078	37,101	25,685	57,078	X		1,500	37,101	27,502		7.41%	100%		
						1A		SK	Tower Place Bridge - Unforeseen ground conditions - Ch 1500 - existing concrete	1,500	975	675			1,500		975	723		7.41%	100%		
622						5A		SK	Tower Place Bridge - Unforeseen ground conditions - Ch 1500 - existing bonded rubble breakwater	80,335	52,218	36,151	80,335	X		62,124	52,218	38,709		7.41%	100%		
						1A		SK	Works to sewers at retaining wall 1A - Lindsay Road	20,000	13,000	9,000			20,000								
								SK	Unforeseen Ground Conditions - change to piling methodology	50,000	32,500	22,500	9,317	X		40,683							
624A								SK	Change in Piling Methodology	58,832	38,241	26,474	58,832	X									
625						5A		GA	Murrayfield Corridor Retaining Walls Ground Improvement	611,127	397,232	275,007	611,127	X		19,539	19,539						
626								DH	Protected Speed mitigation measures - bridge tunnels, fences and feeding stations														
628	101					5A	31	SK	Removal of materials from Port of Leith Housing Association land at the Casino	1,148		516	1,148	X			748			7.41%	100%		
629						2A		GA	IFC Drawing changes for Section 2 Track Drainage				6,097	X	6,097	25,120							
						2A		GA	Haymarket Viaduct - Retaining Wall W21 - Temporary works changes due to projecting footing	5,000	3,250	2,250	4,233				3,250	2,409		7.41%	100%		
631						5A	62	DH	OLE pile foundations - WDDI - IFC - Section 7	94,127	61,182	42,357	94,127	X				61,182	45,354		7.41%	60%	
633						1A		SK	Tower Place Bridge - Unforeseen ground conditions - Ch 01 0425 - existing tie rods	1,500					1,500		17,000	975	723		7.41%	100%	
634						5B		GA	Invasive Species - Giant Hogweed	10,000	6,500	4,500			10,000		5,000						
635						2A		SK	Haymarket Viaduct - Existing BT Cable and Drainage Pipe								4,000						
								SK	Notified Deviation due to the issue of SDS Decline memo no. V55														

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639									Section 3 Drainage (Scottish Water) Approvals closeout													
639									Murrayfield tramstop revised layout													
640	107								Elder Street Junction redesign	86,124	55,961	38,756	86,124	X								
647									Transfer of Principal Contractor CDM responsibility for removal of existing Traffic Management Installations at West End Junction, St Andrew Square and Leith Walk	138,012	89,708	62,105	138,012	X								
648									Promotion of Traffic Regulation Orders (TROs) by CEC													
649	105								Tramstops - Changing Brand Guidelines, TVMs and Validators	63,593	41,336	24,617	63,593	X								
650									Listed Building Consents - Dublin Street													
650	103								Removal of Giant Hogweed in Plot 304	19,366	12,588	8,715	19,366	X		6,560	6,560	12,588	9,331	7.41%	100%	
650	102								Remove existing sewer in Section 1A	18,000	11,700	8,100			18,000							
657									Lane Street Radio Mast - Feasibility Study and Site Share Application	3,045	1,979	1,370	3,045									
658									Section 2A - Phase 1A/1B Interface design													
659									Roseburn Viaduct Structures - Additional requirements to value engineer design	500,000	325,000	225,000			500,000							
662									Lit signs requirements from CEC													
663									OLE Foundation 200-249 at Haymarket Yards													
664									Live HV cable discovered at Structure W1 - Lindsay Road Retaining Wall 1D	4,000	2,800	1,800			4,000		2,600	1,927	7.41%	100%		
665									Lindsay Road retaining wall Irish	1,500					1,500							
667									Test Soil Nailing	42,883	27,888	19,302	42,883	X								
668									Busgate Scottish Power HV Cable Clash with Drainage	14,502	9,492	5,571	14,502	X		4,139	4,139					
670									Excavation through rock within drainage run	50,000	32,500	22,500			50,000		4,000	32,500	24,092	7.41%	100%	
670									Walgreen to Carrick Knowe - Ground Conditions - Rock	8,519	5,602	3,878	8,519	X								
672									Utilities within Infraco Works TQ 2075 - 126mm watermain at Ch 200-109	5,000	3,250	2,250			5,000							
673									Ch 200-109 Haymarket Yards - Unforeseen Ground Conditions	11,755	7,641	5,290	11,755	X			2,000					
675									Edinburgh Park Station Tramstop BDD to IFC	29,590	19,234	13,116	29,590	X								
676									The Gyle Centre	51,524	33,555	23,231	51,524	X								
677									TAA for Mill Crossing 1 & 2	3,757	2,442	1,591	3,757	X								
677									Extension of the Maccaferri 'RENO' mattresses under Gogarburn Bridge	22,021	14,314	9,909	22,021	X				14,314	10,610	7.41%	100%	
678									Installation of Gabion Wall at Ch 71 1975 - 71 1995	28,085	18,255	12,538	28,085	X				18,255	13,533	7.41%	100%	
680									Trackslab and OHLE base/Existing Gas Main Clash ch200-120	5,000	3,250	2,250			5,000							
682									Impact of Tram Infrastructure on Flood Risk in the Gogarburn													
683									Lindsay Road Retaining Wall 1A - Ground Conditions	2,500	1,625	1,125			2,500		1,625	1,205	7.41%	100%		
687									Gogar Gable Access - Junction 205													
688									Lighting Change for combines OLE lighting on Ocean Drive													
689									Electrification of Airdrie to Rathgate Rail Link Project													
692									Unable to commence III operations	5,000	3,250	2,250			5,000							
693									Utilities Protection Measures (Gas Main)	27,180	17,667	12,231	27,180	X			17,667	13,098	7.41%	100%		
695									ScotRail Car Park Barrier and Security	10,000	6,500	4,500			10,000							
696									Ch 200-127; Utilities Clash	5,000	3,250	2,250			5,000							
697									Ch 200-115; Utilities Clash / Retaining Wall Obstructions													

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 as per: **30/04/2011**

2.08b 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	agreed	best case agreed/paid	Revenue	Direct Cost	Margin in %				
						SA			IFC Drawing Changes - Soil Landscaping	5,177	3,365	2,330	5,177	X									
						SA			IFC Drawing Changes - Soil Landscaping	55,329	35,964	24,496	55,329	X									
	118					SA			Pedestrian Guardrail - change in CEC Specification	2,471	1,606	1,112	2,471	X									
						SA			Planning Permission Access to curbside area														
						SA			Excavation of track in sections 2A and 5A	74	46	33	74	X									
						SA			Tower Place Bridge Suspension of Works 19/11/10 to 10/01/11	76,462	49,694	34,408	76,462	X									
	119C					1A			Tower Place Bridge Diversion TNC 119C	12,193	7,826	5,487	12,193	X									
						SA			Existing Services in footpath Haymarket Terrace	7,949	5,167	3,577	7,949										
						1A			Cycle path to be incorporated as per the design ref INF CORR 5752/MBU														
						SA			Amendment to South Cope Duct Bank	2,947	1,916	1,326	2,947	X									
						1C			Site Clearance MDDI - IFC	324,869	211,165	146,191	324,869	X									
						SA		GA	Section 5B Stenhouse Drive Retaining Wall and associated Utilities Works	150,000	97,500	67,500			150,000								
	124					SA			Incorporate Murrayfield Accommodation Works into "As-Built" documents														
	122					1A			RW1A Footpath at toe of wall ADM to Ocean Drive Link Road														
						1D		SK	HGV Turning constitution Street/ Lauric Street														
	118					SA			Wash Plant throughput / tram end Wash (Hand Wands)														
						2A		SK	We have requested WSC to amend existing TM arrangement at the junction between Roseburn St and the Wester Approach Rd (Ref INF CIR 7166/C)	3,905	2,538	1,757	3,905										
						5A		GA	CLE Special Foundation Murrayfield Tramstop Retaining Wall														
						SA			Change Trackform from current design back to MDDI														
						SA			Depot Access Road, Hammerhead														
						2A			Network Rail development of Haymarket Station														
TOTALS										86,660,083	56,329,054	38,997,038	75,951,806	10,708,277	6,741,335	2,562,009	6,939,223	5,143,975	7.36%	93%			

maximum potential of changes	86,660,083.35
undertaken	75,951,806
notified in status, disapproved changes	6,741,335
budgets on unapproved	6,424,824

Values on performed changes	10,675,727	6,939,223	4,804,077
As confirmed considered within Approved Changes			2,562,009
Considered within Risk & Opportunity Analysis	8,113,718	4,377,214	2,242,068
Considered within Unapproved Changes			

	2,562,009	2,372,090
	4,377,214	4,052,734

2.09 Payment Status

PROGRESS			INVOICE							PAYMENT			
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVICE PASSED	OTHER MONEY	OTHERS	TOTAL	DATE	PAID ON	excluding VAT	REMARKS
Actual Performance													
May-08	500,000	5	21,389,899	19,100,000	-2,289,899				19,100,000	30/06/2008			
Jun-08	1,052,000	6	2,414,100	2,289,899	-124,201				2,289,899	15/07/2008	04/06/2008	19,100,000	
Jul-08	4,348,256	7	26,720,722	25,784,259	-936,463				25,784,259	11/09/2008	01/08/2008	4,394,360	
Aug-08	1,046,631	8	971,518	739,994	-231,525				739,994	08/10/2008	29/08/2008	25,784,259	
Sep-08	5,394,889	9	27,692,240	26,524,252	-1,167,988				26,524,252	29/09/2008	29/09/2008	739,994	
Oct-08	3,339,638	10	705,826	809,079	103,253				809,079	14/11/2008	31/10/2008	809,079	
Nov-08	1,724,602	11	1,584,058	625,106	-958,953				625,106	22/12/2008			
Dec-08	10,459,129	12	29,982,124	27,958,437	-2,023,688				27,958,437	22/01/2009	08/12/2008	27,333,331	
Jan-09	13,524,254	13	41,050,724	30,933,127	-10,117,597				30,933,127	02/03/2009	30/01/2009	1,741,764	
Feb-09	15,263,565	14	41,050,724	32,222,091	-8,828,633				32,222,091	19/03/2009			
Mar-09	16,842,385	15	41,050,724	35,754,680	-5,296,045				35,754,680	03/04 & 17/04/2009	04/03/2009	2,979,868	
Apr-09	3,034,909	16	2,429,613	2,227,854	-201,759				2,227,854	17/03/2009	17/03/2009	33,912,994	
May-09	19,877,294	17	43,480,338	37,982,534	-5,497,804				37,982,534	14/05/2009	14/04/2009	1,841,685	
Jun-09	2,268,407	18	3,383,746		-3,383,746				0	05/06/2009	11/05/2009	2,227,854	
Jul-09	22,145,697	19	46,864,083	37,982,534	-8,881,549				37,982,534	05/06/2009	05/06/2009	37,982,534	
Aug-09	2,048,589	20	4,050,740	2,264,088	-1,786,652				2,264,088	02/07/2009	03/06/2009	2,264,088	
Sep-09	24,194,286	21	50,914,824	40,246,623	-10,668,201				40,246,623	02/07/2009	02/07/2009	40,246,623	
Oct-09	1,531,274	22	6,303,137	7,760,338	1,457,200				7,760,338	27/07/2009	27/07/2009	4,560,338	
Nov-09	28,729,687	23	57,217,961	48,006,960	-9,211,001				48,006,960	05/08/2009	28/07/2009	44,806,960	Invoiced: regular & Phase 1B paid: Invoice No 18 & 19
Dec-09	6,312,045	24	2,177,338	3,020,906	843,567				3,020,906	25/08/2009	05/08/2009	6,220,906	paid: Phase 1B
Jan-10	35,217,627	25	86,396,298	81,027,868	-5,368,430				81,027,868	26/08/2009	26/08/2009	61,207,868	paid: Regular Invoice
Feb-10	3,782,691	26	2,666,077	2,400,346	-265,731				2,400,346	25/09/2009		2,400,346	
Mar-10	35,820,296	27	62,061,377	53,428,212	-8,633,165				53,428,212	02/10/2009	02/10/2009	53,428,212	
Apr-10	3,930,846	28	5,478,014	5,379,520	-98,494				5,379,520	12/11/2009	27/10/2009	2,194,682	
May-10	39,751,147	29	67,539,390	58,807,732	-8,731,658				58,807,732	27/10/2009	27/10/2009	55,622,894	
Jun-10	7,287,813	30	4,173,384	4,173,384	0				4,173,384	11/12/2009	11/11/2009	3,184,837	
Jul-10	47,038,955	31	67,539,390	62,981,116	-4,558,274				62,981,116	11/12/2009	11/12/2009	58,807,732	
Aug-10	3,634,709	32	6,183,662	2,737,744	-3,445,918				2,737,744	14/01/2010	11/12/2009	4,173,384	
Sep-10	50,673,664	33	73,723,052	65,718,860	-8,004,192				65,718,860	14/01/2010	11/12/2009	62,981,116	
Oct-10	2,632,320	34	6,003,862	2,344,664	-3,659,197				2,344,664	10/02/2010	13/01/2010	2,737,744	
Nov-10	53,305,984	35	79,726,914	68,063,524	-11,663,390				68,063,524	10/02/2010	13/01/2010	65,718,860	
Dec-10	4,076,901	36	4,529,095	2,153,902	-2,375,192				2,153,902	16/03/2010	12/02/2010	2,344,664	
Jan-11	57,382,885	37	84,256,008	70,217,427	-14,038,582				70,217,427	16/03/2010	12/02/2010	68,063,524	
Feb-11	5,170,181	38	3,493,091		-3,493,091							2,153,902	
Mar-11	62,553,066	39	87,749,099	70,217,427	-17,531,672				70,217,427			70,217,427	
Apr-11	5,755,480	40	4,407,498	2,654,337	-1,753,160				2,654,337	07/04/2010	07/04/2010	2,654,337	
May-11	68,308,546	41	92,156,597	72,871,764	-19,284,833				72,871,764	07/04/2010	07/04/2010	72,871,764	
Jun-11	4,337,247	42	4,518,158	7,602,958	3,084,800				7,602,958	10/05/2010	07/05/2010	612,967	
Jul-11	75,846,787	43	96,674,755	80,474,722	-16,200,033				80,474,722	10/05/2010	07/05/2010	73,484,731	
Aug-11	5,491,746	44	1,126,182	3,083,651	1,957,469				3,083,651	04/06/2010	04/06/2010	3,013,181	
Sep-11	78,338,533	45	87,809,301	83,568,373	-4,240,928				83,568,373	04/06/2010	04/06/2010	78,807,881	
Oct-11	5,112,306	46	2,634,852	3,166,372	531,521				3,166,372	30/06/2010	01/07/2010	5,615,350	
Nov-11	83,249,845	47	100,435,788	86,724,745	-13,711,043				86,724,745	02/08/2010	29/07/2010	82,613,211	
Dec-11	5,778,761	48	3,091,419	5,459,583	2,368,164				5,459,583	01/09/2010	26/08/2010	1,706,129	
Jan-12	89,028,606	49	103,527,207	92,184,328	-11,342,879				92,184,328	01/09/2010	26/08/2010	84,319,339	
Feb-12	5,590,133	50	6,564,542	3,091,336	-3,473,206				3,091,336	28/09/2010	23/09/2010	1,528,454	
Mar-12	94,618,739	51	110,091,750	95,275,664	-14,816,086				95,275,664	28/09/2010	23/09/2010	85,847,793	
Apr-12	3,375,291	52	2,131,595	2,247,117	115,521				2,247,117	21/10/2010	21/10/2010	2,603,351	
May-12	97,994,030	53	112,223,345	97,522,781	-14,700,564				97,522,781	21/10/2010	21/10/2010	88,451,144	
Jun-12	2,022,086	54	3,090,672	2,040,677	-1,049,995				2,040,677	10/11/2010	15/11/2010	1,803,041	
Jul-12	100,016,116	55	115,314,017	99,563,458	-15,750,559				99,563,458	10/11/2010	15/11/2010	90,254,186	
Aug-12	852,200	56	1,074,737	1,161,461	86,724				1,161,461	08/12/2010	16/12/2010	1,508,782	
Sep-12	100,868,316	57	116,388,754	100,724,919	-15,663,835				100,724,919	08/12/2010	16/12/2010	91,762,968	
Oct-12	1,573,155	58	1,456,051	1,790,807	334,755				1,790,807	11/01/2011	12/01/2011	673,476	
Nov-12	102,441,471	59	117,844,805	102,515,726	-15,329,080				102,515,726	11/01/2011	12/01/2011	92,436,444	
Dec-12	814,998	60							0	04/02/2011	08/02/2011	201,298	
Jan-13	103,256,469	61	117,844,805	102,515,726	-15,329,080				102,515,726	04/02/2011	08/02/2011	92,637,742	
Feb-13	787,699	62		488,026	488,026				488,026	31/03/2011	31/03/2011	1,186,701	
Mar-13	104,044,168	63	117,844,805	103,003,752	-14,841,054				103,003,752	31/03/2011	31/03/2011	93,824,442	
Apr-13	1,424,278	64	9,057,032	7,500,000	-1,557,032				7,500,000	03/05/2011	03/05/2011		
May-13	105,468,446	65	126,901,837	110,503,752	-16,398,086				110,503,752	03/05/2011	03/05/2011	93,824,442	
												93,824,442	

Project: **Edinburgh Tram Network**

as per: **30/04/2011**



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	2	67%	7 no. observations for improvement also raised
BSC.2011/001 (Design Assurance)	15/03/2011	2	0	0%	4no. Observations for improvement also raised
Expa001/11	18/04/2011	0	0	100%	5no. 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%	
TSA-10-03-BSC Design Assurance	29/03/2011	0	0	0%	2 no requests for information

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%	10	-	4	-	40%
1B	-	-	-	-	0	-	0	-	0%
1C	13	12	12	92%	17	-	9	-	53%
1D	31	31	29	94%	4	-	3	-	75%
2	37	24	21	57%	14	-	9	-	64%
5A	12	0	0	0%	2	-	2	-	100%
5B	59	34	1	2%	20	-	14	-	70%
5C	27	6	0	0%	9	-	6	-	67%
6	35	27	8	23%	68	2	32	-	47%
7	73	45	39	53%	11	-	9	-	82%
System NCRs (non-audit)					155	2	88	0	57%
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. The Crummock and McKean ITP's have now been revised and are being checked prior to resubmission for storage. An internal audit was carried out on Expandeds Temporary works and associated documentation for the Depot Access bridge on 18/04/2011 see details in table above. Barr have had some new staff start work on site and all were mentored in implementation of ITP's and BIW as well as carrying out a review of previously compiled ITP's. Existing and new Barr NCR's were reviewed with incoming staff in order to speed up closure.

Project: **Edinburgh Tram Network**

as per: **30/04/2011**



2.12 Safety Information System - SIS

Bilfinger Berger Civil⁵ - Monthly Safety Report

Month-April 2011		Prepared by [REDACTED]				Contact phone or e-mail [REDACTED]@civil.bilfinger.co.uk		
Site or office and Unit ⁵ Project	Edinburgh Tram	BB¹ Managers and Supervisors	BB¹ workers	JV people	Sub-contractors³	Agency / hired people under BB control	Total	Others, e.g. public
	Number	42	0	55	104		201	
	Hours ²	6688	0	9225	22088		38001	
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 month's accidents and any from previous accidents						0	
Incidents								
	Causing damage						6	All 6 were caused by vandals
	Environment Ecology / Pollution						0	
	Not work-related e.g. flood, bomb scare						0	
	Near misses, hazards reported	1					1	Road plate required to be secured
Details of this month's 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 e-mail: QM@civil.bilfinger.com				OHS-Wi fax 00 49 (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, e.g. make an estimate or multiply number of staff by monthly hours worked, e.g. x 200.
 3. Subcontractor numbers should be estimated if no exact figure known. Average part-time workers over month, e.g. 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&Ts 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+.

2.13 Project Photographs

Picture 01 **Section 5C** **A8 Underpass - Aerial**



Picture 02 **Section 5C** **A8 Underpass - Roof**



2.13 Project Photographs

Picture 03

Section 5C

Depot Access Bridge - Aerial



Picture 04

Section 5C

Depot Access Bridge - Roadworks

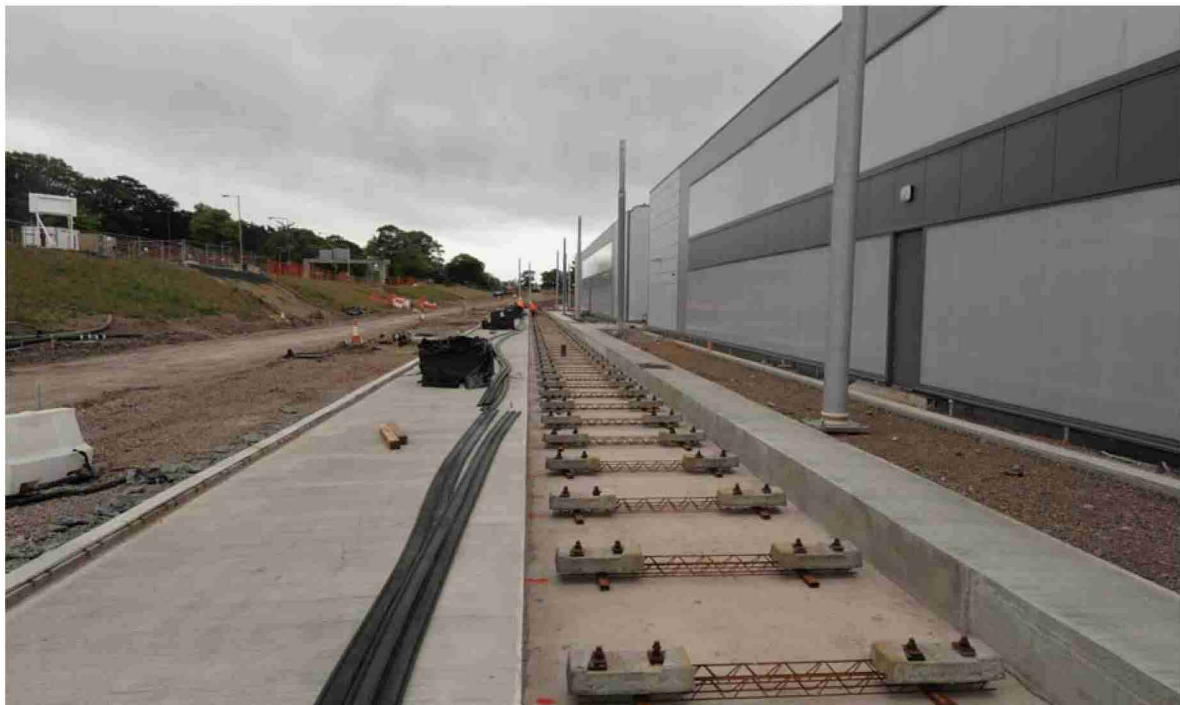


2.13 Project Photographs

Picture 05 **Section 5C+6** **Depot Access Bridge and Depot - Aerial**



Picture 06 **Section 6** **Depot - Ring Line Track**

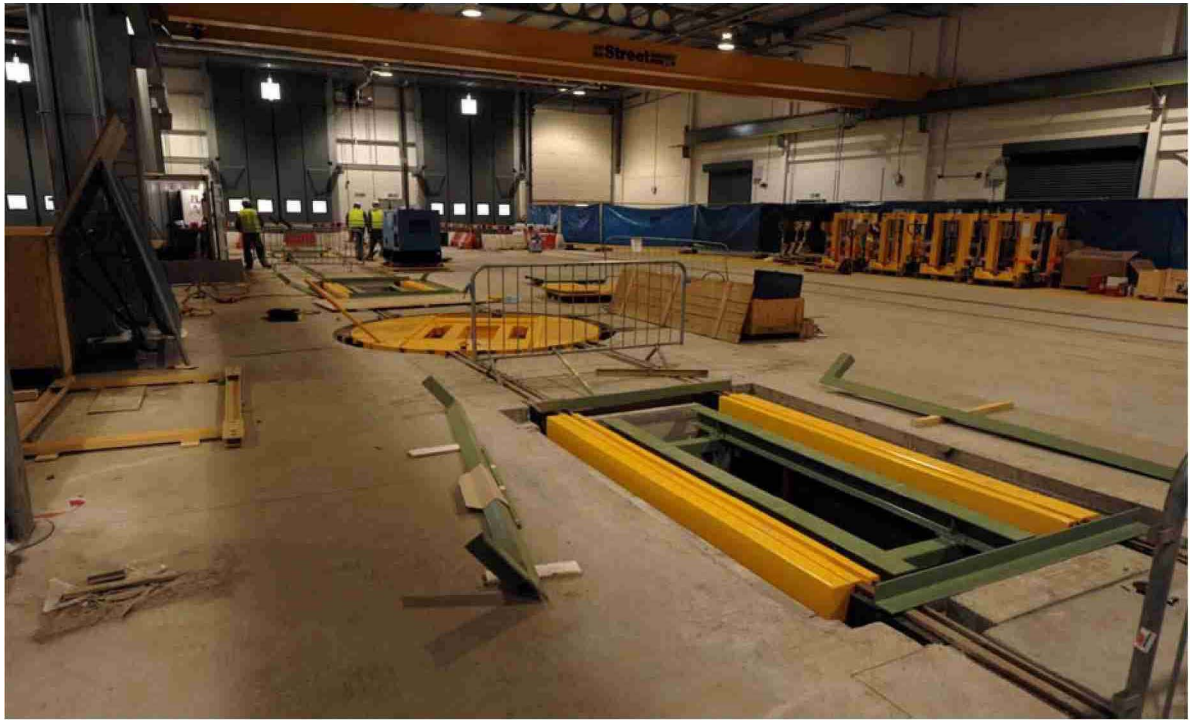


2.13 Project Photographs

Picture 07

Section 6

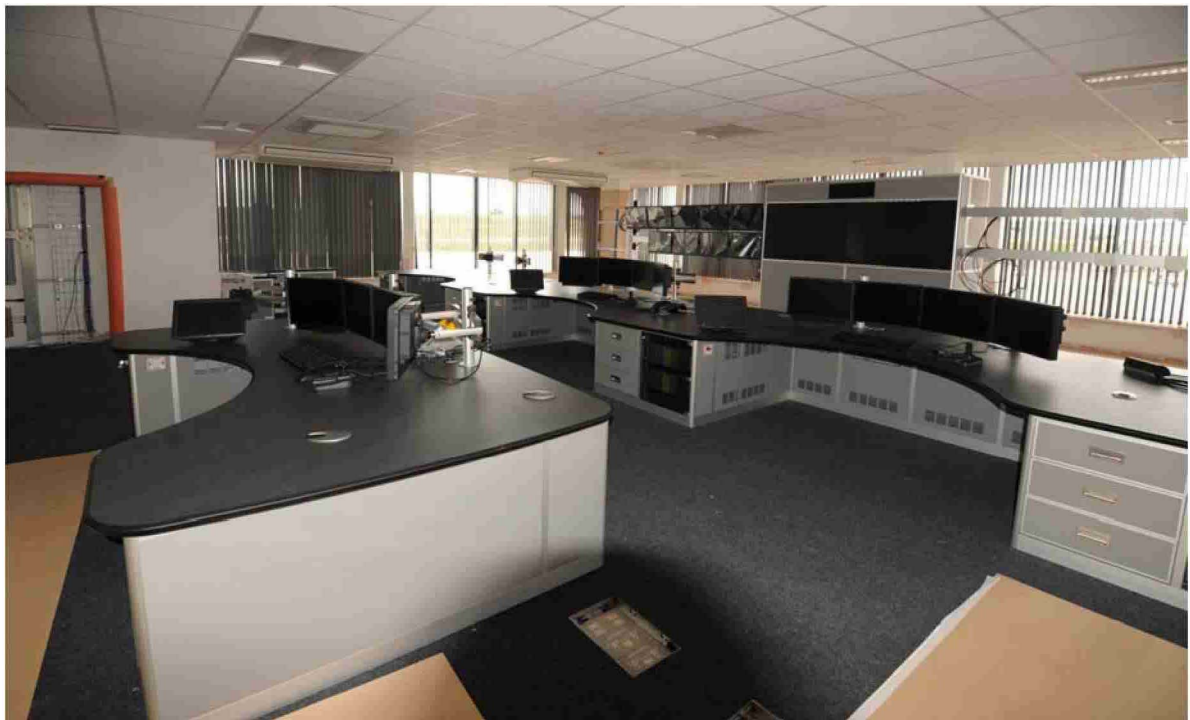
Depot Building - Installation Tram Plant



Picture 08

Section 6

Depot Building - Control Room



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	5	3	2		1		10	21		21
22	Issued for External Approval (IFEA), to be IFC	23	101	5		135	1	18	283		283
23	Issued for Construction (IFC)	113	636	141		809	298	204	2,201		2,201
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)		141	740	148	586	945	299	232	3,091	586	3,677
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)		113	636	141	261	809	298	204	2,201	261	2,462
Total IFC incl. new Issues for CO (1~3+5~8+21~28+41~46)		141	740	148	390	945	299	232	2,505	390	2,895
Percentage of Completion IFC		80.1%	85.9%	95.3%	66.9%	85.6%	99.7%	87.9%	87.9%	66.9%	85.0%
Percentage of Completion under consideration of IDR		94.8%	98.4%	98.3%	96.7%	98.6%	100.0%	94.8%	98.2%	96.7%	98.0%