

EDINBURGH TRAM NETWORK

Monthly Project Report
January 2010



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: January 2010

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VST, GF, BL, PM, CCS
BL, PM, CCS

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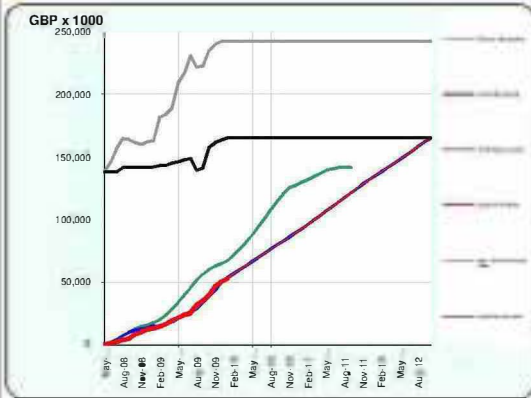
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TBA

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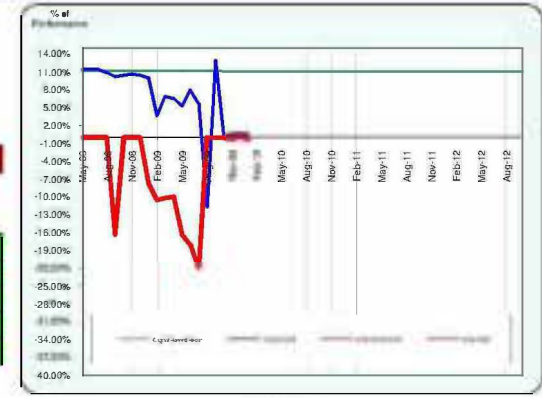
1.01 Project Overview Charts



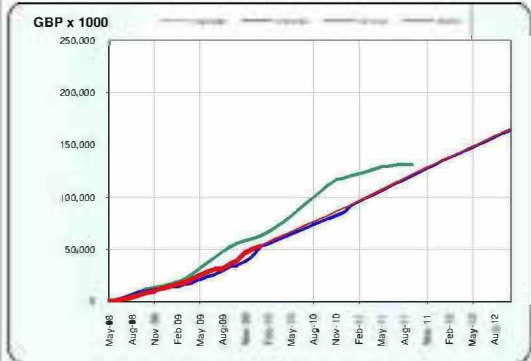
Performance

	Contract Plan (Rev.1)	Revised Plan (actual)	Forecast (actual)	Actual	Status Figures
Construction start date	15-May-08			15-May-08	
Construction end date	16-Jul-11	05-Jun-12	02-Oct-12		3.9 month red
Total contract value [GBP x 1000]	141,509			165,069	
Claims / Variations approved				29,363	
Claims / Variations not approved				76,816	
Performance		54,064		53,306	98.6% green
Actual Cost to Date				53,464	103.0% green
Result	11.07%	0.46%	0.46%	-0.30%	0.00% green
Payment Status		68,152		65,719	96.4% green
Av.Perf/mth: Rem. & act. 3mth			3,725	4,518	green

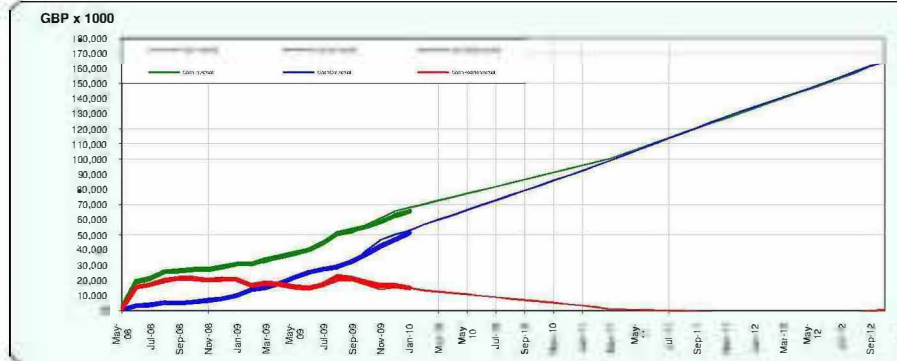
Project Key Figures



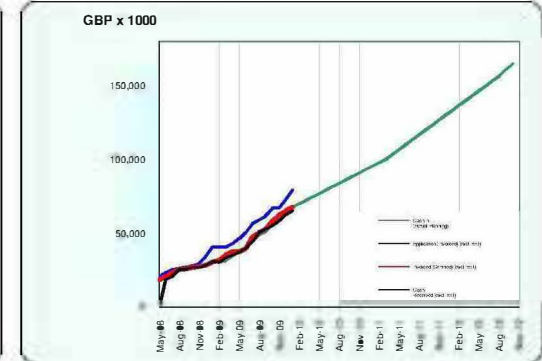
Project Result



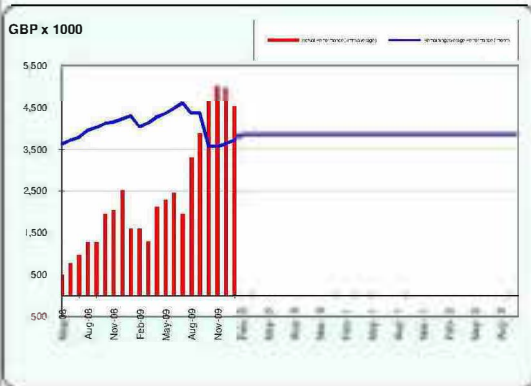
Project Cost



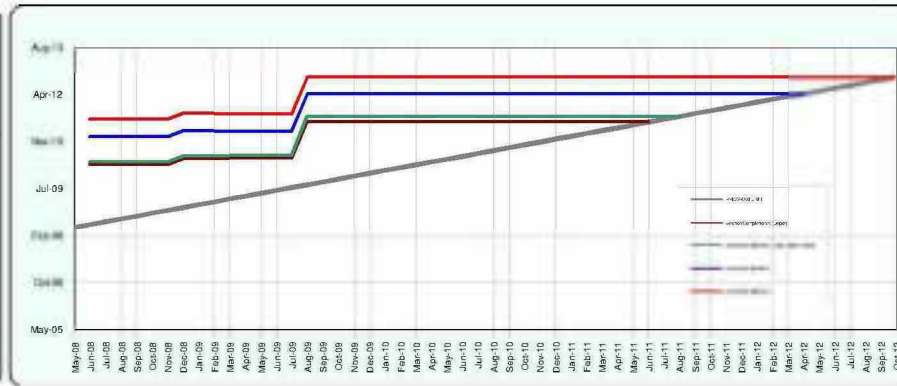
Cashflow



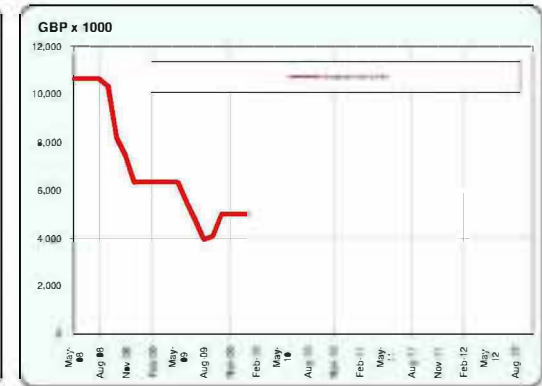
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis



Contingencies vs Risks

Project: **Edinburgh Tram Network**

as per: **31/01/2010**



1.02 Short note on Overview Charts

1.2.1 Performance

The current policy on site is still to limit work to elements which are unaffected by change or which are the subject of acceptable instructions from the client, such that in either case payment is secure.
Works at Haymarket Viaduct, Corridor Haymarket to Russell Road Bridge, Guided Busway, Edinburgh Park Bridge, A8 Underpass, Depot and Airport Tram Stop Section were performed on this basis. Instructed construction parts (Clause 80.15) at Carrick Knowe Bridge and Russell Road Retaining Wall are ongoing on demonstrable cost basis during dispute resolution in accordance with the contract.

1.2.2 Project Cost

The main cost overrun is due to cost and resource increases mainly caused by:

- subcontracts (standby claims, additional works)
- extension of time (staff, financial, running site)
- consultants and design works
- insurances and bonds
- cost for legal fees

Strict control measures on expenditures, employment etc. have been established as well as monthly cost control meetings with the relevant site management to increase awareness and effectiveness of cost control.

1.2.3 Project Result (Forecast)

The margin per January adds up to a cumulative result of -158,258 GBP (-0.30%).
The forecast shows a result of 0.46% caused by the fluent situation of the project, i.e. no agreement on over 300 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 9.00 %.
To secure a low risk profile the contractual team has been strengthened to facilitate a positive outcome on the legal disputes. In parallel we are still negotiating with tie on a possible Supplemental Agreement on demonstrable costs for the On Street works.

1.2.4 Payment Status

The payments from the client tie remain in time based on the agreed invoice application before the invoice submission.
Certified net from the client: £ 68,063,524

1.2.5 Cashflow

The ETN project cashflow as per 31.01.2010 remains cash positive. Furthermore the achievement of milestones in timely manner (monthly cut off dates) needs to be clarified with the client to allow or enable an optimized cashflow forecast.

Cash in net: £ 66,387,081 (incl. interest income) ./ net cash out £ 51,191,614 = £ 15,195,467 net cash balance

1.2.6 Contingencies

The value for in the tender estimated contingencies is stable about £ 5,019,788 (see attachment 3.01).

1.2.7 Construction Programme

Reporting is against the revised Contract Programme (Rev. 1) which shows the agreed 7 1/2 weeks extension of time (06 September 2011). In November tie confirmed an initial entitlement of 9 months relief on LD's (05 June 2012) and 6 months on prolongation costs for EOT 2, which shows a total delay of 13 months (02 October 2012). Further entitlement will be assessed on a new Contract Programme (Rev. 3), currently jointly developed with tie which shows a total delay of 25 months (03 October 2013) on it's first "Draft". Finalization of this Programme expected by the end of February.

1.03 General Information

1.3.1	Short note on progress, events this month		
	<p><u>Mobilisation</u> : Erection of Haymarket site office completed in January 2010.</p> <p><u>Design</u>: Production of civil and building drawings in accordance with the original design is 89% complete. In general earthworks, roads, track and structures drawings are available and drawings for the depot, substation and tramstops are being completed to support construction. Civil drawings, revised to incorporate Siemens design (trackform including vibration isolation, OLE foundations, substations) are largely complete. Drawings are being prioritised to support construction. Production of detail drawings for structures and other areas affected by client changes is held up, pending resolution of change evaluation with the client and issue of instructions to the designer. Resolution of change evaluation is the subject of intensive effort by BB. Resolution of technical interfaces and production of an integrated design, together with necessary system assurance and production of the case for safety, are ongoing within the design management team. SDS is progressing the remaining design in accordance with the acceleration programme to achieve an completion of the design in spring 2010.</p> <p><u>Procurement</u> : Where work is available, subcontractors are working under limited notices to proceed but all our contractors are very concerned about the impact on their works of unresolved change issues.</p> <p><u>Construction</u> : Off-Street works have continued at Haymarket Viaduct, Corridor Haymarket to Russell Road Bridge, Edinburgh Park Bridge, Guided Busway, A8 Underpass, Depot and Airport Tram Stop Section to the extent possible without taking any/low risk for unagreed changes. Works on Russell Road Retaining Wall and Carrick Knowe Bridge continued in accordance with the Clause 80.15 instruction by tie.</p>		
1.3.2	Significant extraordinary events		
	Date	Description	Remarks
	04/01/2010	Adjudication decision on Russell Road Retaining Wall ruled in all contractual aspects in our favour, with a valuation of 80% of the submitted value.	
1.3.3	Recent important agreements with the Employer or instructions having significant consequences		
	Date	Description	Remarks
1.3.4	Status on Major Unapproved Claims / Variations / Changes		
	<p>535 changes have been notified to date - 69 by tie and 466 by Infraco. 67 of these have been superseded by further changes or withdrawn. 65 of these have a delay only impact and will not require an estimate. Therefore there are 403 changes requiring estimates. 12 of these are not Bilfinger-related and are just concerning Siemens or CAF. Infraco has submitted 262 changes (of the remaining 391) for design only or for design and construction works. 121 changes (of the 262) have been approved or partly approved by a written tie change order. 3 of these 121 were issued without a value because they are proceeding through the DRP. 129 estimates are still required. There are 82 estimates proceeding through the internal consortium approvals process.</p>		


1.04 Performance Sheet

1. General Information		2. Construction Period		Contract (Rev. 1)		Actual		Variance					
Client:	tie LIMITED	Construction start date	15-May-08	15-May-08	0 days								
Leadership:	BILFINGER BERGER UK LIMITED BILFINGER BERGER VWB GMBH	Construction end date	16-Jul-11	05-Jun-12	325 days								
Currency:	GBP Rp. (all amounts without V.A.T.)	Total excl. Site Removal	38 month	49 month	2,796 %								
Rate of Exchange Top Sheet:	1 GBP = 1.25 EUR	Expred construction time	20.5 month	20.5 month	54 %								
	Actual: 1.15 EUR	Performance to date	53,305,984 GBP		32 %								
2. Total Contract Value		Date of Contract		Total Previous Month		January 2010		Total Reporting Month					
Contract Value with Client (first evaluation)		141.508,815 (incl. SDS NovaAgree)											
Contract Value with Client (revised evaluation)		135.706,209 (incl. SDS NovaAgree)		100.00%		163.662,607		120.6%					
Contract Value with 3rd Parties (without interest)						1,406,870		165,069,477					
						0		0.0%					
						163.662,607		120.6%					
						1,406,870		165,069,477					
								121.6%					
3a. Provisional Sums		Total Previous Month		January 2010		Total Reporting Month							
SDS Novation Agreement Provisional Sums		1,973,489		1.5%		0		1,973,489					
Defined Provisional Sums		168,192		0.1%		0		168,192					
Undefined Provisional Sums		571,483		0.4%		0		571,483					
3b. Claims and Variations		Total Previous Month		January 2010		Total Reporting Month							
Claims and Variations approved (a. Total VOs Approved - 3a. Provisional Sums)		25,243,235		18.6%		1,406,870		26,650,105					
Claims and Variations submitted but not approved yet		51,400,251		37.9%		-1,719,302		49,680,949					
Claims and Variations under preparation		27,146,308		20.0%		-11,400		27,134,908					
4a. Performance		Total Previous Month		January 2010		Total Reporting Month							
Performance for Actual Contract Value with Client		50,673,664		30.96%		2,632,320		53,305,984					
Performance for 3rd Parties (without interest)		0		0.00%		0		0					
Total Performance to Date		50,673,664		30.96%		2,632,320		53,305,984					
Remaining Performance to Date		112,988,943		69.04%				111,763,493					
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		50,673,664		30.96%		3,390,232		54,063,896					
4b. Cost		Total Previous Month		January 2010		Total Reporting Month							
Actual Cost at Reporting Date		50,615,208		30.93%		2,849,034		53,464,242					
5. Result		Date of Contract		Total Previous Month		January 2010		Total Reporting Month					
Planned Result for Contract with Client (first evaluation)		15,670,750		11.07%									
Planned Result for Contract with Client (revised evaluation)		9,868,139		7.27%		11,895,332		7.27%					
Actual Result at Reporting Date				58,456		0.12%		-216,714					
Forecast Result at the End of Contract				883,420		0.54%		124,791					
Weighted Result at the End of Contract (Likely Case)				16,047,899		9.08%		5,364					
6. Invoices, Payment and Bank account		Total Previous Month		January 2010		Total Reporting Month							
Application to the client - excl. VAT		incl. Ret. Money		0		0.00%		73,723,052					
Certified by the client (invoice) - excl. VAT		incl. Ret. Money		0		0.00%		65,718,860					
Cash in from the client - excl. VAT		excl. Ret. Money		0		0.00%		62,981,116					
Cash in from 3rd Parties - excl. VAT				0		0.00%		0					
Interest Income				662,550		1.31%		5,672					
Cash out (excl. VAT)				47,044,437		28.74%		4,147,177					
Net Liquidity		crediting		0		0%		16,599,229					
7. Subcontractor Work (incl. Design)		Total Previous Month		January 2010		Total Reporting Month							
Total Portion of Subcontractor Budget		60,353,024 (incl. SDS)		44.47%		108,722,869		66.43%					
Total Amount of signed Subcontracts incl. approved Variation Order		0		0.00%		0		0					
Total Subcontractor Result to date		0		0.00%		0		0					
Actual Subcontractor Costs to date (incl. Accruals)		0		0.00%		0		0					
Therefrom invoiced to date		0		0.00%		0		0					
8. Actual Forecast for Performance and Result		in		TSD GBP									
Performance		Original planned				Actual / Forecast					Yearly Forecast		
		2008 2009 2010 2011				2008 2009 2010 2011 2012					Performance and Result in 2008		
Jan		1,706 2,786 2,346				584 2,632 3,207 3,241					Performance 12,940,002 7.8%		
Feb		2,526 4,026 2,026				1,739 3,852 3,515 3,237					Result 2 0.00%		
Mrz		3,526 5,026 2,526				1,579 3,170 3,644 3,243					Performance and Result in 2009		
Apr		4,526 5,276 2,526				3,035 3,222 3,581 3,240					Performance 37,733,662 22.9%		
Mal		855 5,776 6,026 2,526				500 2,268 3,265 3,561 3,304					Result -2 0.00%		
Jun		1,355 5,776 6,526 1,026				1,052 2,049 3,270 3,647 3,272					Performance and Result in 2010		
Jul		2,375 5,776 6,526 1,026				1,331 1,531 3,244 3,580 3,534					Performance 38,936,522 23.6%		
Aug		2,855 6,026 6,526				1,465 6,312 3,285 3,547 3,543					Result 0 0.00%		
Sep		3,055 4,626 6,526				1,047 3,783 3,256 3,644 3,498					Performance and Result in 2011		
Okt		2,855 4,026 6,526				3,340 3,931 3,205 3,661 2,812					Performance 42,533,498 25.8%		
Nov		1,535 2,526 6,026				1,725 7,288 3,277 3,576					Result 0 0.00%		
Dez		1,446 1,866 1,706				2,481 3,635 3,256 3,368					Performance and Result in 2012		
Total		16,334 48,678 62,498 13,999				12,940 37,734 38,937 42,533 32,926					Performance 32,925,924 19.9%		
Linear Calculation						total: 165,070					Result 758,630 2.30%		
											Total Performance and Result		
											Performance 165,069,608 100.0%		
											Result 758,630 0.46%		
Edinburgh, [Redacted]		Edinburgh, [Redacted]											
Place and Date		M Foerder, Project Director		Place and Date		T Vogl, Commercial 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	165,069	165,069	165,069	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated Changes	-164,311	-164,311	-164,311
2	Unapproved, but in Job Site Estimate integrated Changes	2,420	1,795	1,409	2	Unapproved, but in Job Site Estimate integrated Changes			
3	Total unapproved Changes	2,420	1,795	1,409	3	Total unapproved Changes	0	0	0
4.2					4.2				
4.3					4.3				
4.4					4.4				
4.5					4.5				
4.6					4.6				
4.7					4.7				
4.8					4.8				
4.9					4.9				
4.10					4.10				
4.11					4.11				
4.12					4.12				
4.13					4.13				
4.14					4.14				
4.15					4.15				
4.16					4.16				
4.17					4.17				
4.18					4.18				
4.19					4.19				
4.20					4.20				
Σ 4.1 : 4.20	Risks not included in JSE	0	0	0	Σ 4.1 : 4.20	Risks not included in JSE	0	0	0
5.1	Back Flow of Value Engineering	2,000	1,500	0	5.1	Uninsured Economic Losses	2,200	1,000	0
5.2	Change Order EOT2b	7,200	6,600	3,000	5.2	Interest income	1,100	1,000	900
5.3	NET Revenue OSSA	3,400	3,400	2,000	5.3				
5.4					5.4				
5.5					5.5				
5.6					5.6				
5.7					5.7				
5.8					5.8				
5.9					5.9				
5.10					5.10				
5.11					5.11				
5.12					5.12				
5.13					5.13				
5.14					5.14				
5.15					5.15				
5.16					5.16				
5.17					5.17				
5.18					5.18				
5.19					5.19				
5.20					5.20				
Σ 5.1 : 5.20	Chances	12,600	11,500	5,000	Σ 5.1 : 5.20	Chances	3,300	2,000	900
6 =1+3+4+5	Forecast Final Revenue	180,090	178,364	171,478	6 =1+3+4+5	Forecast Final Costs	-161,011	-162,311	-163,411

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	180,090		
	Costs	-161,011		
	Result	19,079		
% Gross Margin based on Revenue Best Case	Revenue: 180,090	10.59%		
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue		178,364	
	Costs		-162,311	
	Result		16,053	
% Gross Margin based on Revenue Likely Case	Revenue: 178,364		9.00%	
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue			171,478
	Costs			-163,411
	Result			8,067
% Gross Margin based on Revenue Worst Case	Revenue: 171,478			4.70%
Gross Margin previous month (most likely case)		10.78%	9.08%	4.46%

	Project: Edinburgh Tram Network as per: 31/01/2010	
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001AK19 Edinburgh Tram 2010_01
Reporting Month: 19, R-P, 01.2010

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE								BUDGET CONTRACT AND EXECUTION					FORECAST FINAL					
Work-/ Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals	Actual Allowable incl. agreed VO's	Allowable for unapproved VO's	Variance to Date	Revised DJC	Variance to Date	Budget Original WQty.	Budget Orig. Contr. with AQty.	Budget Agreed VO's AQty.	Budget unappr VO's AQty.	Budget Total AQty.	Revised DJCt AQty.	% Complete	Cost to Complete (AQ-IQ)	Forecast Final Cost	Forecast Final Variance	Projected Variance (linear)
1	2	3	4	5=3+4	6	7	8=(6+7)-5	9	10= 9-5	14	15	16	17	18=15+16+17	19	20=9/19	21=19-9	22=5+21	23=18-22	24=8/20
Total Cost incl. Prime Cost Sums		60,718,72	2,746,619	63,464,242	43,133,131	1,226,11	-9,104,998	53,061,899	-402,34	126,838,065	126,838,066	27,233,786	1,656,771	154,728,62	164,310,848	32.3 %	111,248,949	164,713,191	9,984,569	-28,168,848
Prime Cost Sums 0 / 0																				
Total Cost without Prime Cost Sums		60,718,72	2,746,619	63,464,242	43,133,131	1,226,113	-9,104,998	63,061,899	-402,34	126,838,065	126,838,065	27,233,786	1,656,771	154,728,62	164,310,848		111,248,949	164,713,191		

REMEASURED CONTRACT:

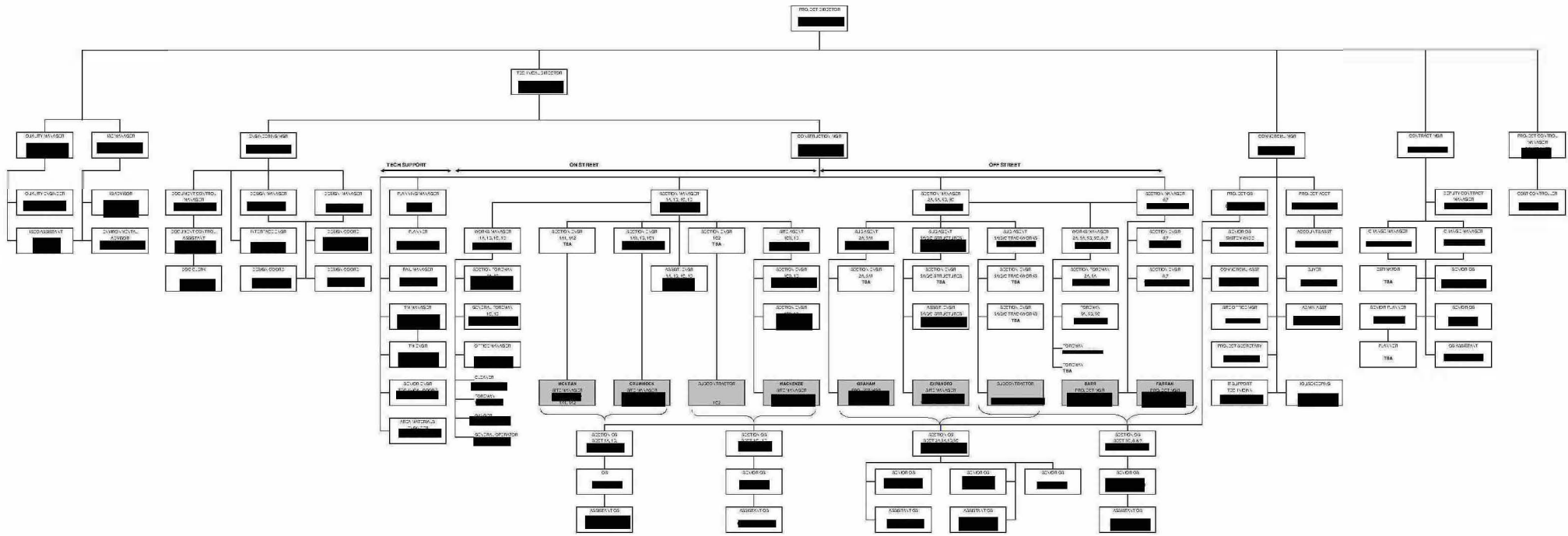
Gross Margin original Contract and agreed VO's (PF = 1.0046, PFB = 1.0784)

Total Cost without Prime Cost Sums				53,464,242	43,133,131			63,061,899		126,838,065	126,838,065	27,233,786		153,071,851	164,310,848				164,713,191		
Gross Margin					3,881,837			244,085		15,870,750	9,888,144	2,129,482		11,997,268	758,629				358,288		
Gross Margin in % of Performance					7.27 %			0.48 %		11.07 %	7.27 %	7.25 %		7.27 %	0.48 %				0.22 %		
Performance without Prime Cost Sums					46,614,768			63,305,984		141,508,815	135,706,209	29,363,288		165,069,477	165,069,477				165,069,477		
Actual Cost to date					53,464,242			53,464,242													
Gross Margin to date								-9,949,474													
Gross Margin to date in % of Performance								-14.94 %													
Performance Prime Cost Sums																					
Total Performance					46,614,768			63,305,984		141,508,815	135,706,209	29,363,288		165,069,477	165,069,477				165,069,477		
Revenue according WBS																					

Gross Margin (weighted) original Contract, agreed and valued VO's (PF = 1.0155, PFB = 1.0784)

Total Cost without Prime Cost Sums				44,359,244				63,061,899		126,838,065	126,838,065	27,233,786	1,656,771	154,728,622	164,310,848				164,713,191		
Gross Margin					3,477,765			822,459		15,870,750				12,135,489	2,553,263				2,150,921		
Gross Margin in % of Performance					7.27 %			1.53 %		11.07 %				7.27 %	1.53 %				1.28 %		
Valued Performance without Prime Cost Sums					47,837,009			53,884,358		141,508,815	135,706,209	29,363,288	1,794,634	166,864,111	166,864,111				166,864,111		
Actual Cost to date					53,464,242			53,464,242													
Gross Margin to date								-5,827,233													
Gross Margin to date in % of Performance								-11.78 %													
Performance Prime Cost Sums (incl. valued performance)																					
Total Performance (incl. valued performance)					47,837,009			53,884,358		141,508,815	135,706,209	29,363,288	1,794,634	166,864,111	166,864,111				166,864,111		
Revenue according WBS (VO's valued)																					
Revenue according WBS (VO's valued by 100%)																					

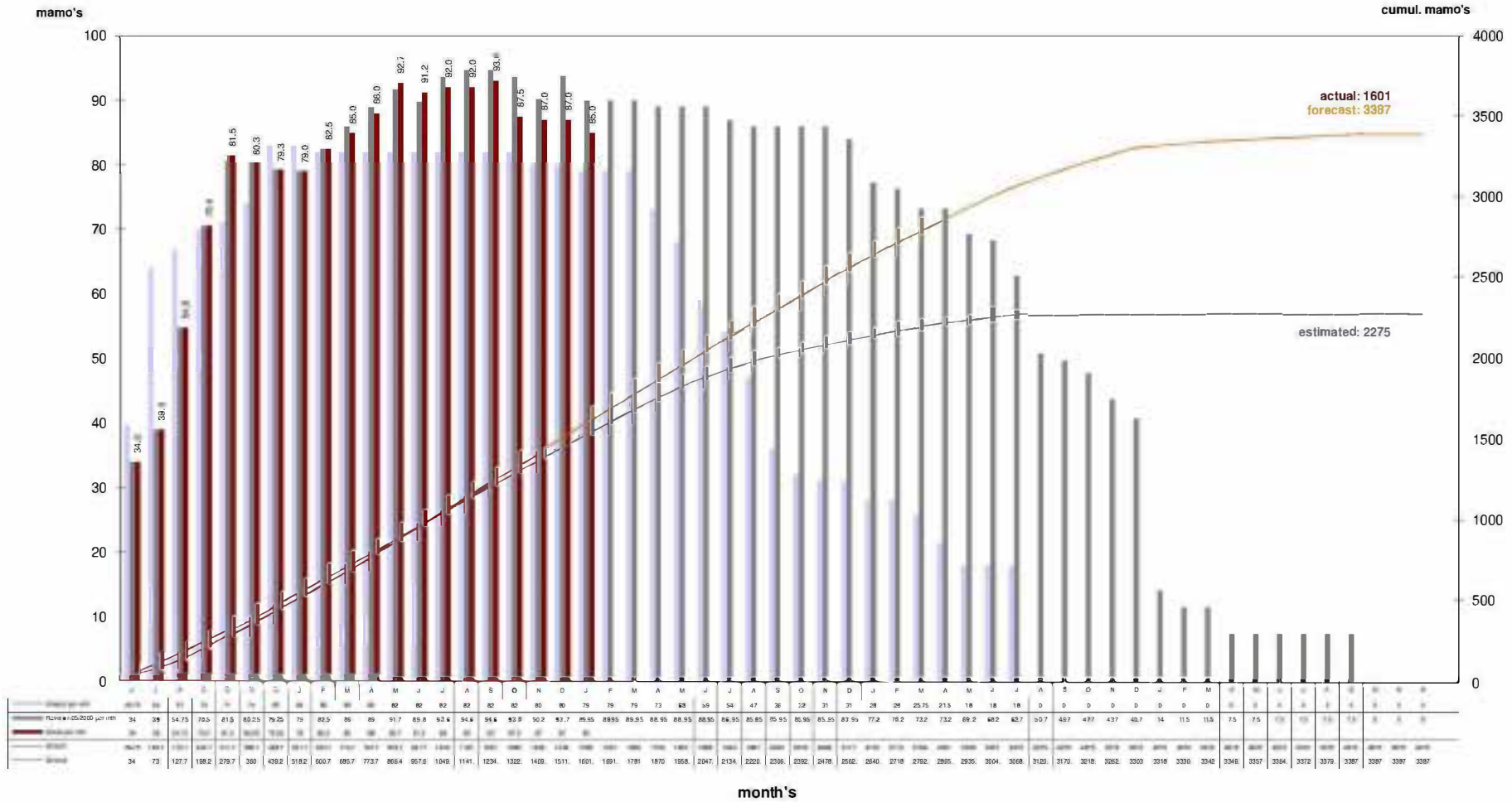
2.05 Organisation Chart



**EDINBURGH TRAM NETWORK
CIVIL WORKS TEAM**

2.06 Staff Chart

Staff mammo performance Edinburgh Tram



2.08a Approved Change Orders

INTC	TCO	DRP	Prov Sum	Section	Activity	QS	Description	Date of Approval	Revenue	Estimate					Remarks	
										Budget for performance, design & estimate	Other Prelims 17.5 %	Consortium Fee 7.4 %	CHSP / Margin	Margin %		
							SDS Novation Agreement Provisional Sums	31/10/09	1,973,489.00	1,973,489.00						
				1C/D	96	SSm	Works carried out under Supplemental Agreement concerning Princes Street	20/03/09	12,586,894.43	10,329,615.44		1,351,247.81	906,031.11	7.29%		
019	001			Graham	81	GAh	Archaeological Survey to the Caley/Ale House	19/09/08	5,976.61	4,430.46	775.92	327.65	44.33%	7.41%		
021	002			Graham	81	GAh	Asbestos in the Caledonian Aie House	19/09/08	6,053.64	4,497.51	785.31	332.04	44.87%	7.41%		
053	003			5C	misc	GAh	TNC004-Utilities diversions & associated works	10/10/08	39,217.65	28,539.95	5,494.61	2,323.54	2,459.29	7.29%		
087	004			BSC			Duct installation at Leith Walk	22/01/09	344.00	255.00	44.61	19.71	25.50	7.41%		
059	005			Graham	61	GAh	Notified Departure in acc. With Schedule 4 duct of e-Asbestos Survey	30/10/08	29,933.00	22,200.00	3,885.00	1,642.80	2,205.20	7.29%		
051	006			5A	misc	GAh	TNC002-Utilities diversions & associated works	03/12/08	75,468.50	54,944.44	10,576.45	4,472.50	5,494.41	7.28%		
052	007			5B	misc	GAh	TNC003-Utilities diversions & associated works	03/12/08	88,027.11	64,070.99	12,333.61	5,215.38	6,407.13	7.28%		
055	008			1A		SKy	Demolition of existing garage and fuel tanks on Ocean Drive.	03/12/08	9,560.50	14,500.00	2,537.50	1,073.00	1,450.00	7.41%		
175	009			Farrans	49	GAh	Temporary Ramps (2 no.) at Gogar Church Road Construct Car Park		7,725.06	5,622.74	1,082.38	457.69	560.31	7.29%		
081	010			LPS	61	GAh	Move site boundary fencing at Haymarket Car Park	17/12/08	987.96	719.09	138.43	58.53	71.31	7.29%		
081	011			GAh	54	GAh	Start of layer below Subsoil Level at Carrick Knowe	17/12/08	96,657.65	70,280.01	13,528.90	5,720.79	7,028.00	7.29%		
081	012			GAh	51	GAh	Demolition of Access Steps to Haymarket Station Car Park	23/01/09	2,326.25	1,710.00	306.25	154.44	150.00	7.89%		
							see TCO 4									
192	014			10A	43	SKy	Discovery of Cable & Wireless ducts - Chaining 10A	22/01/09	187.35	136.36	26.25	11.10	13.94	7.29%		
048	015			10B	46	SKy	Additional TRO Drawings as SDS Letter dated 4th July 2008	22/01/09	3,550.12	3,024.00		223.78	302.41	8.52%		
088	016			1A	37	SKy	Demolition of existing building at 33 Ocean Drive	02/03/09	6,732.70	4,989.52	875.00	369.22	498.96	7.41%		
007	017			10B	45	SKy	Hardstanding at Haymarket Yards.	29/01/09	1,011.76	750.00	131.25	55.50	75.00	7.41%		
084	018			SDS-BSC	65/66		TNC005-Burnside road Diversion - Fees for design (NF-CORR.005)	05/02/09	720.00	613.29		45.38	51.31	8.52%		
271	019			SDS	66		Road Construction Details - Construction Methodology Statements for	13/02/09	372,540.13	317,325.51		23,482.00	31,732.51	8.52%		
259	020			SDS	66		Instructions arising from Trackform Development Workshop	13/02/09	371,057.96	315,063.00		23,386.65	31,605.30	8.52%		
081	021			10B	45	SKy	Prices Sheet Construction Works - closure to traffic during construction	13/02/09	7,522.40	5,575.26	975.44	412.61	557.53	7.41%		
050	022						not concerning BB									
159	023			LPS	1		Removal of Provisional Sum Main Contract - Relocation Ancient Monuments	12/03/09								
141	024			10A	44	SKy	West End Transport - revised requirements from CEC file	09/04/09	15,638.17	14,170.50		1,048.62	1,417.09	8.52%		
088	026			Depot	52	CHu	Monthly Track Monitoring Network Rail East Coast North Line / Gogar Depot	27/03/09	5,389.02	3,960.00	896.50	294.52	398.00	7.41%		
173	026			Graham	61	GAh	Discovery of underground petrol tank at National Car Rental Site.	07/04/09	5,530.90	4,100.01	717.50	303.40	410.00	7.41%		
075	027			Farrans	62	GAh	Temporary Access Ramp from Depot	27/03/09	16,303.74	12,221.81	2,115.02	894.33	1,072.59	6.58%		
081	028			Depot	53	CHu	Additional excavated material at Depot	02/04/09	1,557,395.54	1,223,272.71	232,221.16	99,574.40	102,327.21	6.17%		
050	029						not concerning BB									
088	030			LPS	48	CHu	Scottish Gas Networks - Trial Investigations to protect gas main at Culvert 2	29/04/09	15,430.30	11,983.51	2,305.45	941.46	1,198.25	7.29%		
216	031			10B	49	SKy	Discovery of alkaline water pipe above formation level - Chaining 265 RHS	29/04/09	616.46	458.75	80.28	33.96	45.84	7.41%		
019	032			1B	40	SKy	Discovery of 2 No. LV and 1 No. LV cables above formation level - 162 RHS.	29/04/09	295.41	218.35	38.21	15.16	20.74	7.29%		
050	033			10B	49	SKy	Discovery of Water connection pipework above formation level - 161 RHS	29/04/09	58.33	58.33	11.92	5.31	6.89	7.41%		
223	034			10B	47	SKy	Discovery of stone culvert - Chaining 100 RHS	29/04/09	1,159.22	856.73	151.59	64.44	85.50	7.41%		
225	035			10B	48	SKy	Repairs required to footpath to allow pedestrian access - Chaining 170 RHS	29/04/09	329.11	239.59	45.12	19.61	23.96	7.28%		
260	036			10B	49	SKy	Relocate existing Control Box - Section 1B	29/04/09	1,274.96	165.40	69.94	94.51	74.74	7.41%		
050	037			Farrans	48	GAh	Gogar Castle Road tree felling	08/01/09	1,335.51	990.00	173.25	73.26	99.00	7.41%		
088	038			Farrans	50	GAh	Reinstatement access ramp at Gogar Depot	29/04/09	9,860.34	7,132.21	1,372.95	580.55	794.62	8.52%		
088	039			Farrans	48	GAh	Formation Level of Gogarburn Bridge West Abutment	29/04/09	13,439.93	9,762.31	1,883.10	764.31	975.51	7.28%		
081	040			Farrans	50	GAh	Formation Level of Gogarburn Bridge East Abutment	29/04/09	8,466.27	6,162.22	1,186.23	501.53	578.33	7.28%		
081	041			LPS	49	SKy	Dye test and camera survey at Chaining 170 RHS	29/04/09	711.82	527.66	83.84	39.05	52.77	7.41%		
088	042			LPS	1B	40	SKy	Reinstate slabbed footway following MUDFA works	29/04/09	1,386.54	1,027.63	178.81	78.04	102.78	7.41%	
003	043			LPS	Construction	71	Instruction to proceed with road surveys.	02/08/09	49,050.01	66,011.46	11,552.08	4,884.84	6,501.19	7.41%		
057	044			SDS	48		Feasibility Study (Design Only) Forth Ports access to ADM Milling	29/04/09	1,524.82	1,381.00	102.42	138.40	138.40	8.52%		
195	045			10B	40	SKy	Discovery of temporary pedestrian crossing lighting ducts	29/04/09	747.89	559.42	91.13	41.40	55.94	7.48%		
181	046			10B	40	SKy	Discovery of Hydrant in kerb line - Chaining 333 RHS	29/04/09	449.22	333.00	56.24	24.64	33.90	7.41%		
181	047			10B	40	SKy	Discovery of void around existing BT Duct - Chaining 360 RHS	29/04/09	142.60	105.00	24.95	10.55	14.88	7.41%		
088	048			10B	44	SSm	Demolition of Police Box Coffee Bar - Picardy Place	29/04/09	10,615.92	7,869.41	1,377.16	562.14	786.96	7.41%		
330	049			10B	40	SKy	Install additional gully Chaining 250 RHS	08/05/09	2,170.14	1,579.55	304.05	134.71	157.96	7.28%		
157	050			Farrans	50	CHu	Survey of Existing Drainage (Gogar Landfill)	01/05/09	4,027.46	2,931.41	564.30	234.52	293.13	7.28%		
324	051			10B	5C	GAh	A8 Underpass Phase 1 Piling Obstructions	01/08/09	4,613.54	3,420.01	594.50	253.04	342.00	7.41%		

2.08a Approved Change Orders

INTC	TCO	DRP	Prov Sum	Section	Activity	QS	Description	Date of Approval	Revenue	Budget for performance, design & estimate	Other Prelims 1.75 %	Consortium Fee 7.4 %	Estimate		Margin %	Remarks	
													CHSP / Margin	Margin %			
													5-1-2-3-4				
340	052			5B	56	GA	Edinburgh Park Bridge South Abutment Base - Existing service (cable)	01/05/09	609.65	451.95	79.05	33.44	45.21	7.42%			
390	053			5B	54	GA	Carrick Knowe drainage 520200 to 520240 - subgrade improvement	15/05/09	96,501.39	71,694.73	13,601.21	5,635.95	7,169.41	7.38%			
000	000			SDS	00		Alteration of Design at Forth Ports Road	15/05/09	11,932.54	10,164.00			1,018.40	8.52%			
001	055			5A	53	GA	Scottish Power Utility Diversion near Murrayfield Station	05/06/09	8,669.40	6,188.55	1,217.51	514.55	394.64	8.85%			
167	056			5B	55	GA	Accommodation Works to Wanderers Clubhouse Building at Murrayfield	29/05/09	191,060.84	141,661.46	24,785.51	10,480.71	14,169.14	7.41%			
000	000			5B	40	SKY	Remove ornamental iron balls from Groat Hill Depot	03/05/09	408.26	301.15	52.70	22.29	30.11	7.42%			
000	000			5B	00		Delay and Disruption to Ravelston Tramstop Landscaping	01/06/09	2,409.05	2,052.00			151.85	205.20	8.52%		
000	000			5B	00	GA	Pier 1 Base Formation - Section 5B	03/06/09	551.45	408.65			33.26	40.8	7.28%		
000	000			5B	00		Extension to Site Office for the SDS personnel	02/05/09	150,000.00	120,096.08	21,016.81	8,887.11	0.00	0.00%			
349	052			5B	21	SKY	Traffic Management contingency for Emergency Utility Works	02/05/09	404.70	300.00	52.50	22.20	30.00	7.41%			
000	000			5B	00	SKY	Section 1C1D - Additional MASS barriers on Great Stuart Street	02/06/09	915.21	678.48	118.73	50.21	67.85	7.37%			
074	053			BSC	00		Sewer Diversion, Gogar Burn Landfill	06/05/09	1,433.73	1,213.61		98.79	121.36	8.49%			
350	056			Farrans	00	GA	Protected Species mitigation measures	05/06/09	9,262.22	6,862.20	1,209.46	509.32	686.22	7.41%			
273	055			64/65/66	00		Gogar Burn Retaining Wall W14 - Re-design Water Mains and Gas Main	07/07/09	1,156.51	981.39			98.14	8.49%			
000	000			5B	00	SKY	Discovery of Valves and a hydrant fouling the new kerb line- 120 RHS	10/06/09	811.30	457.63	80.12	33.84	45.74	7.37%			
000	000			5B	00	SKY	Temporary Traffic Lights opposite Manderson Street required	09/06/09	15,084.73	11,162.21	1,958.89	627.44	1,118.21	7.37%			
243	066			5B	66		Forth Ports Substation - lack of as-built information	10/06/09	7,824.12	6,664.51		493.11	566.45	8.80%			
000	000			5B	21	SKY	Offpeak Taxi Rank at George Street	10/06/09	2,219.71	1,641.00	287.18	121.43	164.10	7.41%			
409	079			5B	00		Forth Ports - New construction at Ocean Drive	10/06/09	2,817.80	2,400.00		177.60	240.00	8.52%			
000	000				00		not concerning BB										
259	070			SDS-5B	00	GA	Cycleway at Edinburgh Park Station repositioned out with the LOD	15/06/09	52,094.85	39,609.70	5,340.58	8,221.41	3,922.97	7.41%			
171	072			Consultants	00	SKY	Contract with Faber Maunsel for Transit and Usage Modelling Assessments.	16/06/09	64,809.00	48,043.00	8,407.51	3,555.14	4,803.30	7.41%			
373	074			Farrans	00	GA	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/TE/D/05	17/06/09	3,269.10	2,379.41	458.05	193.69	237.89	7.38%			
371	075			Farrans	00	GA	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/BT/D/05	17/06/09	655.50	622.91		50.70	62.29	7.28%			
307	076			Graham	00	GA	Confirmed Soil assessment at Haymarket Depot	11/06/20/09/09	54,968.55	40,761.01	7,133.14	3,016.31	4,076.10	7.41%			
439	077			SDS	66		SDS' proposed office move to Edinburgh Park - IT costs	07/07/09	28,900.00	20,266.12	3,632.31	1,535.95	2,075.51	7.41%			
203b	076			Depot	00	GA	Structural Steelwork	15/07/09	270,372.81	196,792.21	37,882.51	15,018.89	19,679.22	7.28%			
203a	079			Depot	00	GA	Structural Steelwork	15/07/09	47,782.16	34,778.46	6,694.85	2,830.97	3,477.85	7.28%			
449	080			5B	00	GA	Reinstatement to Bus Link	23/07/09							CO Value not issued - to be paid on Demonstrable Cost Basis		
421	081				00		not concerning BB										
419	082			TM-1C	21/43	SKY	Replace MASS barriers at St Andrews Square	14/08/09	22,696.54	16,973.00	2,970.21	1,256.00	1,697.31	7.37%			
400	083				00		not concerning BB										
279	064			5B	65		West Pilton Tram stop	29/07/09	859.31	732.01		54.11	73.20	8.63%			
413	064			Farrans	62	GA	Provide local protection of sewer at Chainage 711390	31/07/09	2,696.95	1,999.22	349.85	147.94	199.84	7.41%			
179	85/86			5B	55		Gatehouse Works to Murrayfield Stadium Part 1	05/08/09	143,493.91	122,226.50		9,044.71	12,226.55	8.52%			
000	000				00		not issued yet										
000	000				00		not issued yet										
200	089			5B	40	SKY	Leith Walk (Section 1B) Groundworks - Move THUS ducts - Ch 345 - 365	11/09/09	6,562.03	4,864.31	851.26	359.96	486.43	7.41%			
200	088			Farrans	00	GA	IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	12/09/09	13,868.41	9,730.32	1,873.06	792.09	973.02	7.28%			
000	000				00		not issued yet										
401	090			Farrans	00	GA	Additional earthworks to western approach embankment at Gogarburn Bridge	13/04/09	36,616.19	26,551.26	5,130.31	2,169.41	2,555.13	7.28%			
203g	093			Depot	53	GA	Secondary Steelwork	17/04/09	2,355.95	1,714.79	330.10	139.58	171.48	7.28%			
334	094			Farrans	00	GA	Access at Newington	20/03/09	5,627.59	4,262.91	784.53	331.77	428.29	7.38%			
118	095			5B	00	GA	IFC Drawing Change Carrickknowe Bridge	27/05/09							no value yet - after Auditor's decision (DRP) rev estimate submitted		
118	096			5B	64/55		IFC Drawing Change Cathedral Lane Sub Station	31/08/09	1,229.71	1,040.91		64.31	104.09	8.46%			
407	097			Depot	63	GA	Hard material within Gogar excavation	02/09/09	35,806.89	26,082.21	5,016.96	2,121.47	2,606.21	7.28%			
000	096			5B	00	GA	Reference ETN002 Edinburgh Park Structure (S27) Earthworks/Foundations.	04/09/09	52,368.71	37,759.66	7,602.51	3,060.38	3,775.06	7.21%			
000	000			5B	00	SKY	Testing to carriage way at Leith Walk	09/09/09	5,452.46	11,454.75	2,004.55	847.65	1,145.44	7.41%			
000	000				00		not concerning BB										
100a	101			5B	00	GA	IFC Drawing Change Russell Road RTWs Wall 4	09/09/09							CO Value not issued - referred to Dispute Resolution Procedure		
000	000			5B	58	GA	Carrick Knowe works outwith the LOD	23/11/09	4,323.55	3,205.00	560.86	337.11	320.50	7.41%			
000	000				00		Urban Traffic Controls (UTC) associated with delivery of the alignment										
000	104			1C/D	00	SSM	Provisional Sum for Extra Over for Shell Grip at Junctions	12/10/09	156,259.21	113,728.91	21,893.80	9,257.99	11,378.52	7.28%	Instruction of ProvSum - Current Value just partially		
475	105.1			5B	00	GA	AB Underpass - BT works - Slew 2way and 4 way ducts	09/10/09	94,954.26	70,144.00	12,275.21	5,190.56	7,344.36	7.73%			

Project: **Edinburgh Tram Network**
 as per: **31/01/2010**



2.08a Approved Change Orders

INTC	TCO	DRP	Prov Sum	Section	Activity	QS	Description	Date of Approval	Revenue	Estimate					Remarks
										Budget for performance, design & estimate	Other Prelims 17.5 %	Consortium Fee 7.4 %	CHSP / Margin	Margin In %	
							RO Changes September 2009		3,430.43	2,922.0		216.23	292.20	8.52%	
362	106			5B	56	GAN	Edinburgh Park Bridge - Approach Ramps additional earthworks	09/10/09	185,000.00	13,465.16	25,920.7	10,960.7	13,465.31	7.22%	
414	107				21/61	SKY/GA	Sample soil nailing to embankments between Russell Road & Water of Leith	09/10/09	44,718.35	33,149.26	5,601.12	2,453.05	3,314.92	7.41%	
441	108			5B	57	GAN	Slew existing BT duct at A8 underpass	13/1/09	22,846.73	15,931.93	2,955.19	1,253.14	1,693.49	7.41%	
125	109				61/66	GAN	Unforeseen Ground Conditions at Haymarket Viaduct	22/1/09	94,317.38	68,549.5	13,215.01	5,588.06	6,564.97	7.22%	
191	110		UPS			SKY	Discovery of concrete encased lighting cable - Chainage 339 RHS	26/1/09	179.00	133.51	23.29	9.85	12.92	7.19%	
303	111					GAN	RO Presentations by SDS to the public during September 2008	04/1/09	23,460.00	20,000.00		1,480.00	2,000.00	8.52%	
077	112			SDS-Farrans	62-66	GAN	DESIGN ONLY to Amend line route design section 54c (Batch 5/02)	13/1/09	5,365.54	4,251.90	321.55	369.90	425.19	7.92%	
370	113				56	GAN	Existing Ground Levels at Edinburgh Park Bridge	23/11/09	61,851.30	47,265.35	6,932.69	2,931.62	4,721.44	7.63%	
203	114			Depot	83	GAN	ADD to IFC changes to depot access road	13/1/09	76,674.86	57,263.89	11,023.30	4,661.28	5,726.31	7.28%	
112	115			Graham	61	GAN	FC Drawing Change Haymarket Viaduct	04/11/09	96,173.00	70,000.00		13,475.00	5,698.00	7.00%	
001A-D	116	DRP		ECT1	64-65-67	GAN	IFC dates entered into the Schedule Part 15 (Section 1A-1D)	04/11/09	2,225,000.00		1,415,767.50	606,757.50	202,475.00	8.12%	
	117					GAN	not issued yet								
	118					GAN	not issued yet								
100	119	DRP				GAN	IFC Drawing Change Baird Drive RTW								CO Value not issued - referred to Dispute Resolution Procedure
	120					GAN	not issued yet								
428	121				64/65	GAN	Alteration of Drainage at Eastfield Avenue to avoid a clash with Utilities	13/1/09	1,064.74	882.3		22.3	90.36	8.49%	
	122					GAN	not issued yet								
300	123			5B	56	GAN	Edinburgh Park Bridge (S27) - South Abutment Base Formation	25/1/09	9,494.75	7,207.65	1,131.23	443.35	713.41	7.56%	
300	124					GAN	not concerning BB								
300	125			1A-1		SKY	NC008 - Lindsay Road Retaining Wall Cost Estimate	15/01/10	484,055.00	352,329.09	67,823.35	26,579.59	35,232.97	7.28%	
300	126				57/71	GAN	Maintain Thrus and C & W services and dismantle water main at A8 Underpass	17/12/09	20,324.64	14,793.8	2,847.7	1,204.14	1,478.66	7.22%	
155A	127					GAN	FC Drawing changes for artium RTWs 14A, 15A, 15B, 15C	22/12/09	141,168.6	102,764.88	19,782.2	8,365.06	10,276.41	7.22%	
300	128					GAN	Request for instruction to deal with Japanese Knotweed - Retaining Wall W4	22/01/10	24,282.78	18,000.56	3,150.10	1,332.04	1,800.06	7.41%	
	129					GAN	not issued yet								
434	130			13A	21	SKY	George Street Emergency road closure	25/01/10	1,516.80	1,124.02	196.70	83.18	112.40	7.41%	
076	131			BSC		GAN	Gogar Depot Public Tramstop proposals GRIP options 4B & 4C2	13/01/10	50,000.00	42,559.4		3,151.62	4,258.91	8.52%	
	132					GAN	not issued yet								
151	133				64/65	GAN	Excavate and replace existing BC material with existing utility trenches.	22/01/10	1,055.64	902.05		144	99.99	8.46%	
300	134			ECT2a	64/65/67	GAN	Issue of MUDFA Programme Revision 8	13/1/09	6,600,000.00		4,199,580.00	1,799,620.00	600,600.00	9.10%	
							Change TOTALS:		29,363,267.66	16,823,229.51	7,648,955.13	2,761,600.83	2,129,482.19	7.25%	

Sum = Total budget approved changed orders
27,233,785.46

		DPS					Thereof Defined Provisional Sums	168,191.75
		UPS					Thereof Undefined Provisional Sums	571,482.50
		PS					Provisional Sums	739,674.25

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	OS	Description	Assessment			Status			Working Estimate				Remarks		
							Approved	Unapproved	Not Assessed	In principle agreed, but not approved	Not agreed	Approved	Budget for performance, design & estimate	Other Prelims	Contingency %	OH&P Margin		Margin %	
							1	2	3	4	5	6	7	8	9	10	11	12	
300		DRP	Tramway	Driv		Instruction to proceed with Hillon Hotel Car Park	10,000.00			10,245.00			10,245.00						
301				Delay Only		Instruction to proceed with Russell Road Bridge													
302				Delay Only		Instruction to proceed with Haymarket Viaduct													
303				Delay Only		Instruction to proceed with Gogburn Bridge													
304				Delay Only		Archaeological Dig currently ongoing in area Gogar Tramstop - Sect. 7													
305				Delay Only		Archaeological Dig currently ongoing in area Gogar Tramstop - Sect. 5 C													
306				Delay Only		Archaeological Dig at Gogar Tramstop causes damage to Tram Corridor													
307				Delay Only		Non-completion of 800 mm dia Water Main Diversion in Depot Area													
308				Delay Only		Non-completion of 250 mm dia Water Main Diversion in Depot Area													
309				Delay Only		Non-completion of 1500 mm dia Sewer Diversion in Depot Area													
310				Delay Only		South Gyle Access Bridge west abutment piled foundations	72,403.48		60,000.00	72,403.48			72,403.48	65,000.00	4.097.10		6.52%		
311				Delay Only		Non-completion of various Utility Diversions in Depot area	100,000.00		100,000.00	100,000.00			100,000.00						
312				Delay Only		Asbestos investigation Steps to Haymarket Station Car Park													
313				Delay Only		Instruction to proceed with Verry House Access Road pre IFC													
314				Delay Only		Instruction to proceed with demolition of Dale's Ale House pre IFC													
315				Delay Only		Delay to issue of Picardy Place (Batch 1113) to CEC for Prior Approval													
316				Delay Only		Delay to IFC Submissions (Sect. 1 D) due to changed approval periods													
317				Delay Only		Delay to IFC Submissions (Sect. 1 B) due to changed approval periods													
318				Delay Only		CEC failure to approve with agreed timescales													
319				Delay Only		Network Rail failure to approve within agreed timescales													
320				Delay Only		New Requirements by Public Realm Design Workbook (SDS Letter 648)													
321				Delay Only		Delay and Disruption to Crerar Road Gardens Bridge IFC													
322				Delay Only		Delay and Disruption to Roseburn Terrace Bridge, Tramstop, Ret. Walls													
323				Delay Only		Delay and Disruption to Roads detailed design as SDS Letter 6074													
324				Delay Only		Delay and Disruption to Roads detailed design as SDS Letter 6074													
325				Delay Only		Delay and Disruption to Ground Investigation													
326				Delay Only		Delay and Disruption to Ravenston Tramstop, Dykes Bridge													
327				Delay Only		Amendments to Ocean Terminal Layout	14,451.25	75,000.00	14,451.25			14,451.25							
328				Delay Only		Delay and Disruption due to amended design A2920 Rail for S11 Tram Stop													
329				Delay Only		Delay and Disruption due to amended design SDS2500040													
330				Delay Only		Delay and Disruption due to amended design SDS24720													
331				Delay Only		TNC 03 - Bernard Street Public Realm Works	130,728.22			130,728.22			130,728.22						
332				Delay Only		TNC 04 - Water Main Diversion only	126,513.48		60,000.00	126,513.48			126,513.48						
333				Delay Only		TNC 007 - St Andrew Square Public Realm Works as CEC specification	11,407,449.57			11,407,449.57			11,407,449.57	4,170,130.13	7.237,539.94				
334				Delay Only		Delay & Disruption due to late approval of CEC of SDS27980													
335				Delay Only		Delay & Disruption by CEC due to late registration of Section 1A Batch 1108													
336				Delay Only		Delay & Disruption due to late approval of Section 1 D													
337				Delay Only		Notification from CEC with respect to road safety Auditor's comments for Haymarket													
338				Delay Only		Notified Departure from Site due to the Asbestos Survey													
339				Delay Only		Diversion of Existing Sewer at Gogburn Bridge - conflict with the 300 mm dia	15,802.11		15,802.11			15,802.11							
340				Delay Only		Impact of investigation proposals for re-use of RBS Bundled Material	99,678.75			99,678.75			99,678.75						
341				Delay Only		TNC 009 - Ocean Terminal revised Finishes	4,165.76	3,500.00	3,500.00	4,165.76			4,165.76	3,500.00	2,982.76		29.52%		
342				Delay Only		Murrayfield Retaining Walls - Introduce Visual Pattern for Murrayfield RTW	3,243.18	2,750.00	2,500.00	3,243.18			3,243.18	2,750.00	2,342.92		234.24%		
343				Delay Only		Revised specification (RBS) Gogburn Tramstop Version 2	7,643.00	6,000.00	5,000.00	7,643.00			7,643.00						
344				Delay Only		Revised specification (RBS) Gogburn Tramstop Version 2	2,000,000.00	1,750,000.00	1,500,000.00	2,000,000.00			2,000,000.00						
345				Delay Only		Murrayfield Tramstop - Revision of Secondary Drainage	32,418.35			32,418.35			32,418.35	25,000.00	21,294.72		1,575.81%		
346				Delay Only		Edinburgh Park - Earthworks and Drainage IFC Drawings													
347				Delay Only		Gyle Stop Retaining Walls													
348				Delay Only		Bankhead Retaining Walls													
349				Delay Only		FOW to 4 Street IFC Drawings (A568)													
350				Delay Only		Haymarket to Roseburn Junction - SW Consent Issue (A568)													
351				Delay Only		Russell Road Retaining Wall - Contamination Hedge													
352				Delay Only		Sewer Diversion, Gogar Landfill	20,000.00		15,000.00	20,000.00			20,000.00						
353				Delay Only		Temporary Access Ramp from Depot													
354				Delay Only		Gogar Depot Public Tramstop proposals GRIP options 1 & 4C2	2,350,000.00	2,450,000.00	1,950,000.00	2,350,000.00			2,350,000.00						

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	QS	Description	Assessment		Status		Working Estimate				Remarks		
							Approved	Unapproved	Approved	Unapproved	Approved	Unapproved	Approved	Unapproved		Approved	Unapproved
						Design only alterations to design of Edinburgh Airport	45,000.00		45,000.00		48,200.04	45,000.00	38,330.49				
						Instruction from CEC to design an alternative layout for Haymarket Junction	35,000.00		35,000.00	52,167.86	52,167.85	45,000.00	38,130.49	2,836.44	3,833.05	8.52%	
						Gogarburn Retaining Wall: CEC requesting change to 7ft to the wall	4,996.89		4,996.89		4,996.89	4,500.00	3,833.05				
						Environmentally Friendly Lighting - CEC have requested using 42 pin lamp	11,009.77	45,000.00	8,000.00	11,009.77	11,009.77	10,000.00	8,517.69	630.32	481.15	8.52%	
						Traffic Management - Temporary Traffic Signals											
						MDFA to INFRACO transfer of Utilities Division Section 1A, 1B, 1C and 1D	250,000.00	200,000.00	150,000.00	250,000.00							no further action under this INTC Ref.
						OHU Power Supply Ducts Section 6	13,297.26		13,297.26		13,297.26						
						Power Supply Ducts - Ingliston Park And Ride Tram Stop	9,241.73	9,000.00	8,000.00	9,241.73		9,000.00	7,546.10	800.00	596.24	8.52%	
						Change order request SDS Design - Wall @ Haymarket											
						Design the Russell Road retaining wall					47,637.40						
						Lindsay Road, Ocean Drive, Ocean Terminal Tower Place Planning Permission					10,975.73						
						Infon Hotel Full Planning											
						Additional OHU - Approvals											
						Shandwick Place DED preferential Treatments	335,243.77	200,000.00	135,243.77	335,243.77	278,759.59	200,000.00	150,919.12	12,012.86	10,000.00	7.55%	
						Balgreen road Bridge Amending Technical Design	2,750.00		2,750.00		2,893.91	2,750.00	2,342.42			8.52%	
						Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5											
						Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5											
						Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5											
						Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5											
						Section 5C - Gogar Church and Gogar Castle				2,000.00							
						IFC Drawing Changes - A8 Underpass	624,794.40		624,794.40		624,794.40						
						IFC Drawing Change Balc Drive RTW	1,917,183.82	1,750,000.00	578,529.74	1,917,183.82	1,917,183.82	1,838,854.06					CEC issued w/o value - referred to Dispute Resolution Procedure
						IFC Drawing Change Balgreen Road Retaining Wall										Referred to Dispute Resolution Procedure	
						IFC Drawing Change Murrayfield Stadium RTW	1,452,846.99	1,250,000.00	1,999,975.81	1,452,846.99							
						IFC Drawing Change Bankhead RTW	718,758.00		718,758.00		718,758.00						
						IFC Drawing Change Cyle Stop RTW	230,994.60		230,994.60		230,994.60						
						IFC Drawing Change Murrayfield Underpass	134,296.71	100,000.00	75,000.00	134,296.71							
						IFC Drawing Change South Cyle Access Bridge	400,000.00	400,000.00	350,000.00	400,000.00							
						IFC Drawing Change Gogarburn Bridge	290,824.76	150,000.00	290,824.76		290,824.76						
						IFC Drawing Change Russell Road Bridge	75,000.00	75,000.00	126,348.00		29,597.00						
						IFC Drawing Change Roseburn Viaduct											
						IFC Drawing Change Carnicknowe Bridge	299,848.67	162,112.76	14,226.40	299,848.67		14,226.40	285,420.22				key value - revised estimate based upon Adjudicator's decision after DRP
						IFC Drawing Water of Leith Bridge	274,728.33		274,728.33		274,728.33						
						Extra Demolition required at Russell Road Retaining Wall	20,000.00	15,000.00	12,500.00		20,000.00						
						IFC Drawing Change Leith Walk Sub Station	15,000.00	15,000.00	7,500.00		15,000.00						
						IFC Drawing Demolition/reinforcing existing building for Leith Walk Sub											
						Urban Traffic Controls (UTC) associated with delivery of the alignment	1,784,813.21	1,500,000.00	1,250,000.00	1,784,813.21		1,784,813.21					Instruction of PavSum - Current Value final centringing Siemens
						Delay in receipt of CEC prior approval Sections LA1 & LA2											
						Form Points Agreement and Design Completion					55,841.90	40,000.00	30,000.00	2,521.29	3,000.00	8.52%	
						Requirement for Contractors License for Nework Rail Related Works	1,138,896.30		1,138,896.30		1,138,896.30						
						SOH Packages for Price Approval - Ocean Terminal Point Leith	5,733.82		5,733.82		5,733.82						no further action under this INTC Ref.
						CEC's Request for Extension of Time for Prior Approvals 1/01a, 1/01b, 1/01c											
						Delay to issue of IFC Drawings for Ingliston Park and Ride Tram Stop											
						Delay to Section 1B due to MDFA not having completed its works											
						Lighting Columns required (labor released at A8 Underpass)											
						Balgreen Road - Demolition of Railway Structure											
						Design the piled foundations to the Water of Leith Bridge	30,000.00		27,500.00	32,514.52	32,514.52	30,000.00	25,553.65	1,899.97	2,555.37	8.52%	
						Revised location of GLE poles in Section 1A at the request of CEC	4,820.26	3,000.00	4,820.26		4,820.26	3,000.00	2,555.37	189.10	2,555.37	8.52%	
						Delay to issue of IFC Drawings for Christmas and Festival Suspenders - conflict of information											
						CEC's intent to adopt private roads between Lochside Crescent and Avenue	40,060.40	30,000.00	25,000.00	40,060.40		40,060.40	30,000.00	25,553.65	1,899.97	2,555.37	8.52%
						Additional work arising from CEC's additional comments on Section 5C	18,248.31		18,248.31		18,248.31						no further action under this INTC Ref.
						IFC Drawing Change Russell Road RTW's Wall 3	1,441,857.00	1,441,857.00	1,441,857.00	1,441,857.00	408,389.00	308,389.00	3,173,379.30				CEC issued w/o value - referred to Dispute Resolution Procedure
						IFC Drawing Change Murrayfield Training Pitches	1,342,200.42	1,000,000.00	800,000.00	1,342,200.42		1,342,200.42					
						IFC Drawing Change Balgreen Road Underbridge	100,000.00	75,000.00	50,000.00	100,000.00		100,000.00					
						Removal and deposition of material from precast work section 7	99,481.77		99,481.77		99,481.77						
						IFC Drawing Changes Vertical & horizontal Alignment Section 5 Sheets 1-24	39,844.91	30,000.00	20,000.00	39,844.91		39,844.91					

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	QS	Description	Assessment				Status			Working Estimate				Remarks		
							Original	Revised	Approved	Subtotal	to be submitted	in principle agreed, but not approved	not agreed	Revenue	Budget for performance, design & estimate	Other Prelims	Contingency Fee %		OH&P Margin	Margin %
						FC Drawing changes - Soil Landscaping Section 5 sheets 1 to 26	243,353.70	200,000.00	175,000.00		243,353.70									
			5A/C			FC Drawing changes - ILE Section 5 sheets 1 to 13														
						FC Drawing changes - Gogarburn RTWs 14D, 14C, 14D, 15D	1,005,431.01	1,005,431.01		1,005,431.01		1,005,431.01							partly approved (see 2.08a); figures here concerning not approved portion	
						FC Drawing changes - Stops Edinburgh Park Saughan and South Gyle	10,000.00	7,500.00	5,000.00		10,000.00									
			Graham			Provisional Sum - Fences/Crew Relief Facilities at Haymarket Station Viaduct	115,000.00	115,000.00	100,562.00	15,110.149		103,562.00								
						Provisional Sum - Mithras Contract - Rebuild Ancient Monuments Above Cais				3,992.50										
						FC Drawing changes - Edinburgh Park Bridge														
						Traffic Management - Temporary Traffic Signals													not concerning 22 UKC/SOS	
						Haymarket Taxi Stand														
						Delayed Listed Building Consent Applications														
						Delayed issues of IFCs for Section 1A4														
						Further Change to Wanders Clubhouse Building at Murrayfield	10,000.00	7,500.00	5,000.00		10,000.00									
						Demolition of existing building at 31 Ocean Drive													partly approved (see 2.08a); figures here concerning not approved portion	
						Demolition and alteration of existing building at Cathedral Lane				1,000.00	2,409.52									
						Traffic Mediating - Pedestrian Crossing Timings Standard	43,290.08	40,000.00	35,000.00	43,290.08		43,290.08		40,000.00	34,071.55	2,521.29	3,047.31	3.36%		costs included in INTCs 234 & 235
						Extended Construction Support and Design Support Team													no further action under this INTC Ref.	
						Mandatory tie Change - No instruction issued by tie at trigger date													no further action under this INTC Ref.	
	63/84		SDS			Gatehouse Works to Murrayfield Stadium Part 1													partly approved (see 2.08a); figures here concerning not approved portion	
						Reduced land available at Murrayfield as a result of Third Party Agreement	2,500.00				2,500.00									
						CEC Requirement for a new disclosure at Roseburn Terrace														
						Edinburgh Airport Transit Kiosk	12,000.00		11,000.00	13,820.75		13,820.75	12,000.00			1,022.15	4.52%		no further action under this INTC Ref.	
						Discovery of Three Ducts and Gas Main - Chalmers 074-RHS													costs included in INTCs 234 & 235	
						Additional excavated material at Depot	3,258.84	3,258.84		3,258.84		3,258.84								partly approved (see 2.08a); figures here concerning not approved portion
						Discovery of Low Voltage Cable in Road Formation	14,488.40	5,000.00	2,500.00	14,488.40										no further action under this INTC Ref.
						Discovery of Gas Main - Chalmers 084-RHS														
						Discovery of temporary pedestrian crossing lighting ducts			6.7	6.7										
						Line King Street works required by CEC outside the Limits of Deviation	10,000.00						10,000.00							
						Cycle path near Gyle tramstop	10,000.00		9,000.00				12,148.20	10,000.00	8,517.89	630.32	851.79	8.52%		
			SDS			Gogar Roundabout Lighting - Design Only Estimate	4,500.00		4,500.00				4,985.39	4,500.00	3,633.05			8.52%		
						Gogar Roundabout Lighting - Full Estimate				145,277.43										
						FC Drawing changes - Bulfinch bridges 22 and 22a					1,126,370.08									
						FC Drawing changes - Saughan Bridge	20,000.00		10,000.00				20,000.00							
						FC Drawing changes - Depot Access Bridge	2,478,205.05		1,914,400.00	2,478,205.05		4,927,732.90	2,405,937.95							
						FC Drawing changes - Gogarburn Depot														
						Hand Landscaping	175,000.00		150,000.00	195,717.16		195,717.16								as described in packages
						Preparation of Manholes Outside Area Chamber - Existing 1400 mm dia. Cover													no further action under this INTC Ref.	
						Sanitising and Soil Refinement Works	458,788.50	400,000.00	250,000.00	458,788.50		458,788.50								no further action under this INTC Ref.
						Drainage - BDD to IFC Change	12,375.50													
						Drainage - BDD to IFC Change - Attenuation Tank	142,714.37			142,714.37										
						Cast Iron pipes replacement on BDD	200,000.00						200,000.00							
						Piling to QLE Piles - IFC Drawing			200,000.00											
						Services connection of 22 Saughan Water to IFC	40,000.00													
						Water supply and drainage														
						FC issue drawings for installation of incoming gas main	75,000.00		50,000.00				75,000.00							
						FC issue drawings for iteration to South Water Services - MUDPA works														
						FC issue drawings for earthing and bonding														
						FC issue drawings for Statement of additional containment	5,000.00		3,000.00				5,000.00							
						FC Drawing changes - Roads, Street Lighting, Drainage Section 5C		5,957.00	5,957.00	786,199.71		4,207.50	5,212.70							
						FC Drawing changes - Roads, Street Lighting, Drainage Section 5C		144,000.00	144,000.00	144,000.00		144,000.00								
						FC Drawing changes - Bankhead Tramstop	2,000.00		1,500.00				2,000.00							
						FC Drawing changes - Bankhead Tramstop														
						FC Drawing changes - Mc Donald Road and Rail Road Street Tram Stop	2,000.00						2,000.00							
						FC Drawing changes - Road, Lighting, Landscaping and Drainage Section 1A		200,000.00					250,000.00							
						FC Drawing changes - Haymarket Tram Stop	2,000.00		1,000.00				2,000.00							
						FC Drawing changes - Roads, Street Lighting, Landscaping and Drainage	408,024.76	300,000.00		408,024.76		408,024.76								costs included in INTC295
						FC Drawing changes - Haymarket Station Substation	4,000.00						5,000.00							
						Alteration to traffic lights at Haymarket Tram Stop														
						Demolition and alteration of existing Bus Depot at Leith Walk			175,000.00											no further action under this INTC Ref.
						Discovery of Three Ducts in Road Formation level at Leith Walk - 250RHS														

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	QS	Description	Assessment				Status			Working Estimate				Remarks			
							Proposed	Approved	Revised	Subtotal	to be submitted	in principle agreed, but not approved	not agreed	Proposed	Budget for performance, design & estimate	Other Prelims	Consortium Fee 7.4 %		OH&P Margin	Margin %	
						Discovery of Hydrant above formation level - Chnage 177 RHS						300.00									
						Mudflow excavations containing water main and connections - 186 RHS															
						Discovery of valves and a hydrant along the kerb line - 120 RHS														partly approved (see 2.08a; figures here concerning not approved portion)	
						Discovery of same culvert - Chnage 100 RHS		1,330.76		430.76										partly approved (see 2.08a; figures here concerning not approved portion no further action under this INTC Ref.)	
						Operational Design Review of Depot - changes arising	31,010.42			31,010.42											
						Operational Design Review of Haymarket - changes arising					30,030.00										
						Re-location of bus stop outside LOD at Princes Mall	5,940.85			5,940.85											
						IFC Drawing Changes - Tower Bridge Structure	595,556.22			2,704.22											
						IFC Drawing Changes - Section 1C drainage	750,000.00														
						IFC Drawing Changes - Section 1C road design															
						IFC Drawing Changes - Section 1C lighting layout	25,000.00	20,000.00		5,000.00											
						Options for drainage outfall consent at the Airport	3,000.00	2,500.00		500.00											costs included in INTC234
						Additional Trial Hoist at CH-15 - CH18 (Section 1A)	500.00			350.00											
						Removal and Reinstatement of 12 Telephone Boxes	8,257.46			8,257.46											
						MUDFA has commenced works on Bankhead Dr preventing Inface progress															
						Building Fluing Owner Agreements - In face required at Court Proceedings	17,193.23	17,193.00		17,193.23											
						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.															
						Leith Walk Change 100-350 add work carried out during "ambargo" period			20,000.00												
						IFC Drawing Changes - Section 1C OLE Layout															
						IFC Drawing Changes - Section 1C Track Horizontal Alignment	2,500.00	2,500.00		1,500.00											
						IFC Drawing Changes - Section 1C Track Vertical Alignment	4,257.05			4,257.05											
						Removal of others of materials from central reserve on Princes Street	5,754.89	4,000.00		3,000.00											
						Future Proofing on behalf of Newington Ltd and Highland Pipelines Ltd	1,214,800.81	1,150,000.00		1,047,953.67											
						Release existing Control Box - Section 1A															
						IFC Drawing Changes - Section 1A - Balcony Street Tram Stop	2,000.00			2,000.00											
						IFC Drawing Changes - Section 1A - Track Drainage	1,250,000.00			1,440,422.15											
						IFC Drawing Changes - Section 1A - Victoria Drive Bridge	4,000.00			2,500.00											
						IFC Drawing Changes - Earthworks General Arrangement - Section 1	5,000.00			2,500.00											
						Accommodation Works Section 2A Access Retaining Wall	72,481.88	33,711.00		22,171.27											
						Carryout Scottish Water Diversion at Gogar Roundabout	70,143.34	65,000.00		40,000.00											
						Carryout Scottish Power Diversion at Gogar Roundabout	70,143.34	65,000.00		40,000.00											
						R&S Tramstop - Estimated diversion of Power and Water crossing tram track	12,500.00	12,500.00		17,353.35											
						EAL Tramstop - AA Interface	6,823.29			6,823.29											
						Wider Area Modelling Proposals	50,428.00			50,428.00											
						Review proposals for Cathedral Lane Sub-Station															
						Edinburgh Park Bridge (S27) - Phase 2 Base Formwork	10,875.77	9,000.00		7,500.00											
						Russell Road Retaining Wall #4 - Options Report	4,000.00			3,000.00											
						Notified Departure due to the issue of SDS Design programme V40.															
						North Porta Traffic Signal - Section 1A4 - Widened Crossing required	9,577.49			9,577.49											
						Deviation Road Rail vehicle pathway															
						Cycleway change at Hawthornvale - Section 1A4	41,557.25			41,557.25											
						GAP - Air Supply															
						Addition of Ramp/Steps at Lindsay Road Retaining Wall - Section 1A4	35,000.00			30,000.00											
						IFC Drawing changes - Edinburgh Park Bridge (Pile, bearings)	250,000.00			250,000.00											
						Network Rail requirement for CAT3 cabling															
						Develop diversionary route from Princes Street to George Street/Queen Street	120,255.94			120,255.94											
						Protection of the utility at Russell Road bridge during construction	5,000.00			5,000.00											
						Provisional Sum for Extra O&M for the Signal Functions	887,820.83			593,740.79											
						Crawley Tunnel - Insufficient ground cover	5,000.00			2,500.00											
						Underground structural, Leith Walk railway Tunnel - Insufficient ground cover	7,500.00			5,000.00											
						Gogar and/or Scottish Water Utility Diversion															
						IFC Drawing Changes - Section 1A - Drainage	10,000.00			10,000.00											
						IFC Drawing Changes - Leith Walk	5,000.00			5,000.00											

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	QS	Description	Assessment		Status			Working Estimate				Remarks						
							Approved	Unapproved	Approved	Unapproved	Not Agreed	Not Agreed	Approved	Unapproved	Other Prelim %		Consortium Fee 7.4 %	OH&P Margin	Margin %			
						ICD Drawing Changes - Section 7 Soft Landscaping		500,000.00														
						ICD Drawing Changes - Sect 7 Track Vertical and Horizontal Alignment				345,593.00												
						ICD Drawing Changes - Drainage - Gogarburn to Airport	1,024,443.45															
						Princes Street ICD Drawing Changes	100,000.00	75,000.00			100,000.00											
						Earthworks Quantity variances below ICD Trackwork Drawings and MX Data	10,000.00		5,000.00			10,000.00										
						ICD Drawing Changes - Gogarburn Retaining Walls																
						Shaftwick Place TRD Signage			7,000.00			7,000.00										
						Proposed CEC changes to demarcation requirements	30,814.76	25,000.00	29,900.00	30,814.76											no further action under this INTC Ref.	
						Rev Alignment Peasey Place, York Place, London Road Junctions - Stage 1 & 2		58,872.90		58,872.90											no further action under this INTC Ref.	
						Rev Alignment Peasey Place, York Place, London Road Junctions - Stage 3 & 4			44,427.74												no further action under this INTC Ref.	
						Carriek Knowe Underbridge Obstructions	2,744.74		2,744.74												no further action under this INTC Ref.	
						AS Underpass Phase 1 Flat Levels	34,319.31		34,319.31												no further action under this INTC Ref.	
						Expose existing gully connections at Chainage 272+028 BHS	3,704.66		3,704.66												partly approved (see 2.08a); figures here concerning not approved portion	
						Renovate subbed roadway following MUDFA works																
						Breakout teamed concrete backfill	7,325.78		7,325.78												no further action under this INTC Ref.	
					Delay Only	Partial removal of Depot Site															no further action under this INTC Ref.	
						Change route of footpath by way of access to AS and Gogarburn from depot															no further action under this INTC Ref.	
						ICD Drawing Changes - Track Drainage Section 5C	421,051.84	300,000.00													partly approved (see 2.08a); figures here concerning not approved portion	
						Remove ornamental iron balustrade from Gogarburn Depot															no further action under this INTC Ref.	
					Delay Only	Transfer of private utility diversions from MUDFA at Edinburgh Park	2,000.00	1,000.00	1,000.00	2,000.00												to be carried out by others - assessment only for above costs
						Street Lighting - Height of poles	2,100.00		2,100.00	2,100.00												no further action under this INTC Ref.
						Drainage of surface water at the depot site															no further action under this INTC Ref.	
						Edinburgh Park Bridge Structural Fill			106,528.86												no further action under this INTC Ref.	
						Sec 1D - Additional Signage at Queen Street															no further action under this INTC Ref.	
						Additional Measurement at George Street	4,815.93	4,200.00	3,500.00	4,815.93												no further action under this INTC Ref.
						Provide cones signs and double yellow lines on George Street	3,082.23			3,082.23												
						Additional Signage at George Street St Andrew's Square	2,954.31			2,954.31												
						Replace MASS barriers at George Street, Hanover Street and Frederick Street	2,536.48			2,536.48												
						Trial Holes in Princes Street - Site Investigation	331,109.01	250,000.00			331,109.01											partly approved (see 2.08a); figures here concerning not approved portion
					Delay Only	Incomplete MUDFA Works at the Princes Street Mound Junction															no further action under this INTC Ref.	
						Haymarket Junction - Underground Chamber at Clifton Terrace	125,000.00	100,000.00			125,000.00											partly approved (see 2.08a); figures here concerning not approved portion
						Traffic Management - Provide Water Area Signage at Princes Street	1,498.23	1,500.00	750.00	1,498.23												no further action under this INTC Ref.
						New Manhole (MH1) at Balfour Place															no further action under this INTC Ref.	
						Gogarburn Bridge East Abutment - excess groundwater															no further action under this INTC Ref.	
						Haymarket Station - Network Ball Access Doodway	2,814.69	2,500.00	2,000.00	2,814.69												no further action under this INTC Ref.
						Demolish all structures on Plots no. 397 and 102 near Roseburn Street	25,000.00	10,000.00	10,000.00	25,000.00												partly approved (see 2.08a); figures here concerning not approved portion
						Transfer MUDFA Utility Diversion Sect. 5C Conflict Schedule 3C BT 105															no further action under this INTC Ref.	
						Transfer MUDFA Utility Diversion Sect. 5C Conflict Schedule 3C TED 09															partly approved (see 2.08a); figures here concerning not approved portion	
						Gogarburn Land Area - Additional site investigation and testing of land areas															no further action under this INTC Ref.	
						Gogarburn Land Area - Surcharging and monitoring of surcharge	40,000.00			40,000.00												no further action under this INTC Ref.
						Gogarburn Land Area - Naildrain Reinforced Earth	500,000.00			500,000.00												no further action under this INTC Ref.
						Revised OLE foundation and layout Section			60,000.00													no further action under this INTC Ref.
						Redesign of OLE poles foundations due to increased loadings - Line 2	65,723.13	75,000.00	65,723.13													no further action under this INTC Ref.
						Amend OLE systems design documents	7,843.91	7,500.00	7,800.00													no further action under this INTC Ref.
						Amend detailed OLE layout drawings	7,250.00			7,250.00												no further action under this INTC Ref.
						Combined OLE Pole Lighting poles															no further action under this INTC Ref.	
						Amend OLE Pole Lighting poles	23,512.87	22,500.00	21,000.00	23,512.87												no further action under this INTC Ref.
						Section IC1D - Charlotte Square West End Off Parking			2,954.31												no further action under this INTC Ref.	
						Section IC1D - Princes Street Rhino Barrier															no further action under this INTC Ref.	
						Section IC1D - Saturn Stairs at George Street and Frederick Street															no further action under this INTC Ref.	
						Section IC1D - Additional Traffic Management at Princes Street	1,000.00			1,000.00												no further action under this INTC Ref.
						Section IC1D - JMS Signage at Princes Street Carriage Way Rail															no further action under this INTC Ref.	
						Section IC1D - Production of AS Drawings for Princes Street Diversion	1,000.00			1,000.00												no further action under this INTC Ref.
						Section IC1D - AS Drawings for Princes Street Diversion															no further action under this INTC Ref.	
						Section IC1D - AS Drawings for Princes Street Diversion															no further action under this INTC Ref.	
					Delay Only	Notified Departure due to the issue of SDS Design programme V31															no further action under this INTC Ref.	
						Notified Departure due to the issue of SDS Design programme V42															no further action under this INTC Ref.	
						Notified Departure due to the issue of SDS Design programme V43															no further action under this INTC Ref.	

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	OS	Description	Assessment		Status			Working Estimate				Remarks				
							Approved	Disapproved	Submitted	Not Submitted	Not Agreed	Approved	Budget for performance design & estimate	Other Prems %	Consortium Fee %		OH&P Margin	Margin %		
407						IFC Changes - Series 600 Earthworks Specification	75,000.00		100,000.00											
408						IFC Changes - Series 1700 Structural/Concrete Specification	100,000.00		100,000.00											
409						Addition of starter and capping layers in Section 7A	1,651,189.90	1,100,000.00	1,651,189.90	1,651,189.90	1,052,140.73									
410						Cycleprotection at Haymarket Stops	4,000.00		2,500.00		5,000.00									
411						Addition of starter and capping layers in Section 5B	1,727,325.36	1,000,000.00	879,945.08	1,727,325.36	879,945.08	848,280.00								
412						Addition of starter and capping layers in Section 5C														
413						Section 5B - Drainage Details														
414					Skyl	Additional Retaining Wall at Tower Bridge Pumping Station	5,000.00	5,000.00	4,000.00											
415						Gogar Depot Earthworks - Northern Boundary Drainage Design	7,500.00				10,000.00									
416					ALL	IFC Changes - Ductwork Specification (CWS28.004)			250,000.00											
417						IFC Drawing Changes - Trackform	250,000.00		200,000.00		300,000.00									
418						Depot Floor - Platform manual bogie turntable	8,914.18	8,914.18	8,914.18	8,914.18	8,914.18	7,593.00	561.88							
419						Depot Floor - Platform manual bogie turntable	11,085.82	11,085.82	11,085.82	11,085.82	11,085.82									
420						Sample soil nailing to embankments between Russell Road & Waterloo Lath													partly approved (see 2.08a); figures here concerning not approved portion	
421					Depot	Depot Pumping Station, manhole and piping main	22,012.44	22,012.44	22,012.44	22,012.44	22,012.44	43,011.25								
422						BAA Dualling Future Proofing (Eastfield Avenue)	13,982.34	13,982.34	13,982.34	13,982.34	13,982.34	11,910.00	1,191.00	1,191.00	8.5%					
423						BAA Dualling Future Proofing (Eastfield Avenue)	82,448.89	82,448.89	82,448.89	82,448.89	82,448.89									
424						Lath Walk Gyroty System	40,000.00	35,000.00	51,017.50		51,017.50									no further action under this INTC Ref.
425					Depot	Remove Soft Malest from Sub Grade at Depot Access Road														no further action under this INTC Ref.
426					Hu	Revised IFC HRL Drawings Section 7	25,000.00		25,000.00		25,000.00									no further action under this INTC Ref.
427						Additional IFC drawings - Waterloo Bridge														no further action under this INTC Ref.
428					Delay Only	Issue 6 MUDFA Programme Revision B - EOT2														no further action under this INTC Ref.
429						Additional walling at Haymarket Station Car Park	4,393.63	4,000.00	3,000.00	4,393.63										partly approved (see 2.08a); figures here concerning not approved portion
430						Sever existing BT duct at A S underpass	4,069.95		4,069.95		4,069.95									no further action under this INTC Ref.
431						Traffic management at Veth House Access Road	7,500.00		6,000.00	8,441.52		10,641.52								no further action under this INTC Ref.
432						Traffic Management for MUDFA Works	1,500.00		1,500.00		2,000.00									
433						Lothian Road pedestrian disruption	8,840.25		8,840.25	8,840.25										
434					ALL	Limits conflicts within 1.2 metre clearance zone	20,000.00		20,000.00		50,000.00									
435						Site Waste Contamination	75,000.00	40,000.00	50,000.00		75,000.00									
436						Track Drainage - Section 5A	71,938.55	40,000.00	50,000.00		71,938.55									
437					Delay Only	Notice of Departure due to the issue of SDS Design programme V4.4														no further action under this INTC Ref.
438					Delay Only	Notified Departure due to the issue of SDS Design programme V4.5														no further action under this INTC Ref.
439					Delay Only	Notified Departure due to the issue of SDS Design programme V4.6														no further action under this INTC Ref.
440						Revised OLE location due to ScotRail Power - Princes St at chain 121395	3,000.00	2,500.00	3,000.00	3,000.00	3,000.00									
441						Change to street lighting at Haymarket Terrace	2,000.00		2,000.00		2,498.86	2,000.00	1,703.57							8.52%
442						Replacement of Bus Link	5,000.00		5,000.00	4,197.34	812.66									Costs Unnotified - to be apportioned Demonstrable Cost Basis
443						BAA New Bus Lane Road Alignment	4,500.00	4,500.00	8,000.00		8,000.00	4,500.00	5,536.82							8.52%
444					ALL	Stage D Drawings for Tram Stops	55,721.55	45,000.00	40,000.00		55,721.55									
445						Drainage to Gullied Queway (U)														not concerning BBUK/SDS
446						Alteration of traffic management at Lothian Road Junction	1,500.00		1,250.00	1,742.36										no further action under this INTC Ref.
447					ALL	Re-use of existing kerbs														no further action under this INTC Ref.
448						Edinburgh Park Bridge - revisions to revetment to parapets	15,000.00		15,000.00		15,000.00									not concerning BBUK/SDS
449					ALL	TR0 changes - in formal consultation					91,501.56									no further action under this INTC Ref.
450						TR0 changes - in formal consultation - Impact on IFC Drawing issues/dates					187,901.75									no further action under this INTC Ref.
451					SDS	Foot Path Substation - redesign	14,343.35	14,343.35	14,343.35	14,343.35	14,343.35	12,217.50	904.10	1,221.75	8.52%					
452						Foot Path Substation - redesign	25,856.55	15,856.55	15,856.55		35,856.55									
453						Network Retaining Wall lighting	10,000.00		10,000.00		10,000.00									
454						Foot Path drainage approval	13,818.57	12,000.00	10,000.00	13,818.57	13,818.57	12,000.00	10,221.16	756.49	1,022.16	8.52%				
455					Hu	Gogarburn Retaining Walls W14 and W15 - Survey and berm migration	50,000.00		50,000.00		50,000.00									
456						Redesign of Drains at BAA/CRC Interface	3,829.00	3,829.00	3,000.00	3,829.00	3,829.00	3,829.00	241.35	910.65	8.52%					

2.08b Unapproved Changes

						Assessment			Status			Working Estimate										
INTC	TCO	DRP	Section	Activity	QS	Description	Original	Assessed	Difference	Subtotal	to be submitted	In principle agreed, but not approved	not agreed	Original	Budget for performance, design & estimate	Other Prelims	Contingency Fee 7.4 %	OH&P Margin	Margin %	Remarks		
						Redesign of Drainage at BAA/CCRC Interface	0.00	0.00	0.00		1,171.00											
						Changes to TRG-D Drawings															no further action under this INTC Ref.	
						BAA Drainage at Depot	20,000.00	20,000.00	0.00		20,000.00											
						Underground Chamber - West Maitland Street	8,913.72	8,913.72	0.00		8,913.72											
						Underground Chamber - West Maitland Street	41,268.28	21,268.28	-20,000.00		21,268.28					6.82%		595.12	6.82%			
						Utility Diversions associated with Lindsay Road					5,000.00											
						Accommodation Works - Fenwick Access steps at 32 Ocean Drive					10,000.00											
						FC drawing changes - Section 5B - Ducting and Cable Routes	600,000.00	500,000.00	-100,000.00		784,985.31											
						Developed Kinematic envelope (DKE) check	15,116.77	12,500.00	-2,616.77		15,116.77					12,500.00	10,447.35	767.00	8.52%			
						Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road					100,000.00											
						Additional manhole requirement - Section 5B	7,065.74	6,000.00	-1,065.74		7,065.74		4,290.00									partly approved (see 2.08a) figures here concerning not approved portion
						AB Underpass - BT Works - Slew 2 way and 4 way ducts					4,959.99											
						Tram Stops Development Workshop	25,000.00	20,000.00	-5,000.00		25,000.00											
						SubStation Development Workshop - changes arising	100,000.00	100,000.00	0.00		130,000.00											
						Issued to Client CEC Roads & TA Assign					2,000.00											
						Prepared sewer in a 1 Water of Leith Bridge	59,708.68	50,000.00	-9,708.68		59,708.68					59,708.68						covered by INTC 155
						Tower Place Yorkie Parapet																
						CEC request for turning head at Depot	5,812.47	5,812.47	0.00		5,812.47					5,812.00	4,951.00	31% 37	494.62	8.51%		
						CEC request for turning head at Depot	4,187.52	4,187.52	0.00		4,187.52											
						Changes to sub-stations arising from development workshops	25,000.00	20,000.00	-5,000.00		25,000.00											
						Culvert 1 - Excavation below formation level	25,000.00	25,000.00	0.00		25,000.00											
						Manchester Street parallel access sewer					25,000.00											
						Gogar Depot South embankment reinstatement and associated drainage works	40,000.00	40,000.00	0.00		50,000.00											
						Development workshop for drainage - changes arising	44,000.00	30,000.00	-14,000.00		50,000.00											
						Piling obstructions encountered at (gate) busway					20,000.00											
						Testing of carriage way at Leith Walk	54,197.94	40,000.00	-14,197.94		54,197.94											
						Division of cables at Tower Place bridge	10,000.00	10,000.00	0.00		10,000.00											
						FC drawing changes - H9 Market Car Park	106,294.78	100,000.00	-6,294.78		106,294.78											
						ADD Design issued for Construction Drawing Murrayfield Stadium Tram Stop	20,000.00	15,000.00	-5,000.00		20,000.00											
						FC drawing changes - Section 5A - Ducting and Cable Routes	100,000.00	100,000.00	0.00		100,000.00											
						FC drawing changes - Section 5C - Ducting and Cable Routes	80,000.00	80,000.00	0.00		100,000.00											
						FC drawing changes - Section 1A - Ducting and Cable Routes	100,000.00	100,000.00	0.00		100,000.00											
						Prices street arches	20,000.00	20,000.00	0.00		20,000.00											
						Reinforced Rineda Track																
						Fredrick Street pedestrian crossing	20,000.00	15,000.00	-5,000.00		20,000.00											
						Picardy Place - redesign north side to incorporate a fourth lane at bound	50,000.00	40,000.00	-10,000.00		50,000.00											
						RAS Tram stop - Provide Future Proofing	50,000.00	44,000.00	-6,000.00		50,000.00											
						Additional excavation at Carriek Knowe North Abutment															390.62	
						Trackside lighting	20,000.00				20,000.00											
						Additional Lighting Columns at Carriek Knowe Bridge	1,000.00	5,000.00	4,000.00		1,000.00											
						Removal of obstructions at Russel Road Retaining Wall					10,000.00				7,500.00	5,541.25					7.39%	
						Revised FCs Russel Road Retaining Wall - additional pile	5,000.00	3,000.00	-2,000.00		5,000.00											
						Additional footway access Depot Access Bridge					75,000.00											
						OLE piling and foundations - as part of piling															concerning BBU/CSDS	
						FC drawing changes - Section 7 - Ducting and Cable Routes	100,000.00	80,000.00	-20,000.00		100,000.00											
						Russel Road Retaining Wall 4 - piling obstructions - alternative design required	205,387.83	100,000.00	-105,387.83		205,387.83											205,387.83
						Decor. Movement of Air Compressor Room	25,000.00	20,000.00	-5,000.00		25,000.00											
						Reconstruct existing Scottish Water manhole in South SL Dalry Street		40,000.00	40,000.00		50,000.00											
						FC changes to Road Retaining Systems Specification	50,000.00	30,000.00	-20,000.00		50,000.00											
						Floating Bus in City Centre																
						FC changes to Road Markings and Studd Specification	50,000.00	40,000.00	-10,000.00		50,000.00											
						Scottish Power Utility Diversion SANSP/D05 at Russel Road Retaining Wall	10,000.00	7,500.00	-2,500.00		10,000.00											
						Removal of asbestos from plots 95, 97, 101 & 102 at Russel Road RTW	2,522.82	2,522.82	0.00		2,522.82											
						Reduce scope at Andrew Square																
						Traffic Management to accommodate introduction of bus on Prices Street	25,000.00	20,000.00	-5,000.00		25,000.00											
						OLE Planning consents and CEC Technical Approval (Siemens)																
						Leith Walk railway bridge - special track form					20,000.00											
						AB Underpass - support and protect BT equipment	20,000.00				20,000.00											
						Leith Walk BT apparatus diversions delaying commencement of infra work	150,000.00	100,000.00	-50,000.00		200,000.00											
						Development workshop for earthing and bonding - changes arising	49,000.00	30,000.00	-19,000.00		50,000.00											
						Changes to Traffic Management at Greater of Street	5,000.00				10,000.00											
						Remove foot access Road	75,000.00	75,000.00	0.00		100,000.00											
						FC Drawing Changes - Roads Streetlighting, Drainage Section 5A	400,000.00	300,000.00	-100,000.00		400,000.00											
						Gogar Landfill Profile Design	4,000.00	3,000.00	-1,000.00		5,000.00											
						Notified Departure due to the closure of SDS Design programme V47																

2.08b Unapproved Changes

INTC	TCO	DRP	Section	Activity	QS	Description	Assessment			Status				Working Estimate					Remarks							
							Approved	Disapproved	Notified	Submitted	Notified	Notified/Agreed, but not approved	Notified	Approved	Budget for performance design & estimate	Other Prelims 20%	Construction Fee 7.4 %	OH & P: Margin		Margin 11%						
						Notified Departure due to the issue of SIDS Design programme V48																				
						Notified Departure due to the issue of SIDS Design programme V49																				
						Notified Departure due to the issue of SIDS Design programme V50																				
						Notified Departure due to the issue of SIDS Design programme V51																				
						Notified																				
			12			Noise and vibration Works arising from the Study carried out under INTC 438	1000000	1000000	1000000			50,000.00														
TOTALS:							76,811,865	36,350,899	26,495,011	49,680,949	27,134,908	6,159,872	43,521,07	1,794,633.91	1,441,788.05	106,962.91	108,020.79	137,862.11	1.00%							

sum = submitted & not approved	sum = under preparation	sum = submitted changes	sum = installed job cost unapproved changes
		49,680,949	1,606,751.75
sum = maximum potential of changes			
76,811,865			

Project: **Edinburgh Tram Network**
 as per: **31/01/2010**



2.09 Payment Status

PROGRESS		INVOICE					PAYMENT						
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	Variance Certified	ADVANCE PAYMENT %	RETENTION MONEY %	OTHERS %	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance													
1	MONTH	500,000	21,389,899	19,100,000	-2,289,899	0	0	0	19,100,000	30/06/2008		0	
May-08	ACCU	500,000	21,389,899	19,100,000	-2,289,899				19,100,000			0	
2	MONTH	1,052,000	2,414,100	2,289,899	-124,201	0	0	0	2,289,899	15/07/2008	04/06/2008	19,100,000	
Jun-08	ACCU	1,552,000	23,803,998	21,389,899	-2,414,100				21,389,899			19,100,000	
3	MONTH	-1,552,000	-23,803,998	-21,389,899	2,414,100	0	0	0	-21,389,899	11/08/2008	04/07/2008	2,289,899	
Aug-08	ACCU	4,348,256	26,720,722	25,784,259	-936,463				25,784,259	11/09/2008	01/08/2008	4,394,360	
5	MONTH	1,046,633	971,518	739,994	-231,525	0	0	0	739,994	08/10/2008	29/09/2008	739,994	
Sep-08	ACCU	5,394,889	27,692,240	26,524,252	-1,167,988				26,524,252			26,524,252	
6	MONTH	3,339,638	705,826	809,079	103,253	0	0	0	809,079	14/11/2008	31/10/2008	809,079	
Oct-08	ACCU	8,734,527	28,398,066	27,333,331	-1,064,735				27,333,331			27,333,331	
7	MONTH	1,724,602	1,584,058	625,106	-958,953	0	0	0	625,106	22/12/2008		0	
Nov-08	ACCU	10,459,129	29,982,124	27,958,437	-2,023,688				27,958,437			27,333,331	
8	MONTH	2,480,873	5,108,480	1,116,659	-3,991,821	0	0	0	1,116,659	22/01/2009	08/12/2008	1,741,764	
Dec-08	ACCU	12,940,002	35,090,604	29,075,095	-6,015,509				29,075,095		23/12/2008	29,075,095	
9	MONTH	584,252	5,960,121	1,858,032	-4,102,089	0	0	0	1,858,032	02/03/2009	30/01/2009	1,858,032	
Jan-09	ACCU	13,524,254	41,050,724	30,933,127	-10,117,597				30,933,127			30,933,127	
10	MONTH	1,739,311	0	1,288,964	1,288,964	0	0	0	1,288,964	19/03/2009		0	
Feb-09	ACCU	15,263,565	41,050,724	32,222,091	-8,828,633				32,222,091			30,933,127	
11	MONTH	1,578,820	0	3,532,588	3,532,588	0	0	0	3,532,588	03/04 &	04/03/2009	2,979,868	
Mar-09	ACCU	16,842,385	41,050,724	35,754,680	-5,296,045				35,754,680	17/04/2009	17/03/2009	33,912,994	
12	MONTH	3,034,909	2,429,613	2,227,854	-201,759	0	0	0	2,227,854	14/05/2009	14/04/2009	1,841,685	
Apr-09	ACCU	19,877,294	43,480,338	37,982,534	-5,497,804				37,982,534			35,754,680	
13	MONTH	2,268,403	3,383,746	0	-3,383,746	0	0	0	0	05/06/2009	11/05/2009	2,227,854	
May-09	ACCU	22,145,697	46,864,083	37,982,534	-8,881,549				37,982,534			37,982,534	
14	MONTH	2,048,589	4,050,740	2,264,088	-1,786,652	0	0	0	2,264,088	02/07/2009	03/06/2009	2,264,088	
Jun-09	ACCU	24,194,286	50,914,824	40,246,623	-10,668,201				40,246,623			40,246,623	
15	MONTH	1,531,274	6,303,137	7,760,338	1,457,200	0	0	0	7,760,338	27/07/2009	02/07/2009	4,560,338	invoiced: regular & Phase 1B
Jul-09	ACCU	25,725,560	57,217,961	48,006,960	-9,211,001				48,006,960	05/08/2009	28/07/2009	44,806,960	paid: Invoice No 18 & 19
16	MONTH	6,312,045	2,177,338	3,020,906	843,567	0	0	0	3,020,906	25/08/2009	05/08/2009	6,220,906	paid: Phase 1B
Aug-09	ACCU	32,037,605	59,395,299	51,027,866	-8,367,434				51,027,866	25/08/2009	25/08/2009	51,027,866	paid: Regular Invoice
17	MONTH	3,782,691	2,666,077	2,400,346	-265,731	0	0	0	2,400,346	25/09/2009		2,400,346	
Sep-09	ACCU	35,820,296	62,061,377	53,428,212	-8,633,165				53,428,212			53,428,212	
18	MONTH	3,930,846	5,478,014	5,379,520	-98,494	0	0	0	5,379,520	12/11/2009	27/10/2009	2,194,682	
Oct-09	ACCU	39,751,142	67,539,390	58,807,732	-8,731,659				58,807,732			55,622,894	
19	MONTH	7,287,813	0	4,173,384	4,173,384	0	0	0	4,173,384	11/12/2009	11/11/2009	3,184,837	
Nov-09	ACCU	47,038,955	67,539,390	62,981,116	-4,558,274				62,981,116			58,807,732	
20	MONTH	3,634,709	6,183,662	2,737,744	-3,445,918	0	0	0	2,737,744	14/01/2010	11/12/2009	4,173,384	
Dec-09	ACCU	50,673,664	73,723,052	65,718,860	-8,004,192				65,718,860			62,981,116	
21	MONTH	2,632,320	6,003,862	2,344,664	-3,659,197	0	0	0	2,344,664	10/02/2010	13/01/2010	2,737,744	
Jan-10	ACCU	53,305,984	79,726,914	68,063,524	-11,663,390				68,063,524			65,718,860	
												65,718,860	
												(w/o Advance Payment)	
												+	
												(with Advance Payment)	

2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	%	Corrective Actions

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

Audit-No	Date	NCRs raised	NCRs Closed-Out	%	Corrective Actions
TSA-09-01 (System Eng / Integration)	28/08/2009	4	2	50%	
TSA-09-03 (Design Assurance Process)	01/10/2009	3	1	33%	1 Observation
tie Audit Drainage ITP Gogar Depot	27/01/2010	0	0	0%	
tie Audit Design Assurance	27&28/01/2010				Awaiting Report

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	122	0	0	0%	1	0	0	0	0%
1B					0	0	0	0	0%
1C	13	12	0	0%	5	1	2	1	40%
1D	14	14	0	0%	5	2	0	0	0%
2					4	0	3	0	75%
5A					0	0	0	0	0%
5B	14	3	1	7%	10	1	4	0	40%
5C	6	0	0	0%	1	0	1	0	100%
6	27	6	0	0%	12	4	8	1	67%
7	68	10	10	15%	4	1	3	1	75%
System NCRs (non-audit)					18	4	11	1	61%
Cancelled					3	0	3	0	100%

3. Further quality-related events during this month

(please describe shortly)

The BSC Consortium & BB Quality Manager Douglas Ross left the Project/Bilfinger on the 08th January 2010 and will be replaced by early February 2010. All 17 BB ITPs reviewed by tie are now 'Level A - No Objection status', whilst another 2 (from Barr) are currently in preparation. Siemens (BAM) ITP for Track Installation is 'Level B' status and the ITP for 'OLE Pole Erection' is currently being reviewed by tie. Various 'ITP Packaging Readiness Workshops for Princess Street Works' and lessons learned meetings were held during December 2010. These will be followed up with a BSC internal ITP Packaging Readiness audit on the 08th January 2010 and a joint audit with tie on the 15th January 2010. Discussions are ongoing with tie and CEC regarding introducing a three tier 'Work Site Completion Certificate' process: Interim certificate - to say works site handed over with safety concerns met; Certificate for once snagging completed since handover; and Final certificate for completion of all works. tie cancelled their scheduled 'Gogar Depot Drainage Audit' on BSC/Barr due on 07th January 2010 at Barr's on-site offices. The audit will be re-scheduled. tie are scheduled to carry out a 'Design Assurance, System Integration & Best Value Audit' on BSC on the 18th January 2010 under the terms of Contract clause '104 Information & Audit Access'. tie were scheduled to carry out an 'M&E Design Assurance Process Audit' on BSC on the 28th January 2010, but this has now been postponed and replaced with a 'Design Assurance, System Integration & Best Value Audit' on the same date.

Project: Edinburgh Tram Network



as per: 31/01/2010

2.12 Safety Information System - SIS

Month January 2010	Prep by [Redacted]				Contact phone or email [Redacted]	
Site or office and Unit ⁵ ETN	BB Site, Office ¹ and managers, (incl R&T's)	BB Supervisors ¹ & workers (incl R&T's)	JV people & S/C3	Agency / hired people under BB control	Total	Others, eg public
Number	70	0	461	19	550	
Hours ²	27,580	0	141,735	7,486	176,801	

Accidents						
Fatal	0	0	0	0	0	0
Serious: over 3 days off work	0	0	0	0	0	0
Travelling / commuting 3D+	0	0	0	0	0	0
LTI: 1 -3 days off work	0	0	0	0	0	0
1st Aid only	0	0	1	0	0	0
Total days lost	0	0	0	0	0	0

Incidents						
Causing damage	0	0	1	0	0	0
Ecology / Pollution	0	0	0	0	0	0
Not work related eg flood,	0	0	0	0	0	0
Not causing damage eg bomb scare	0	0	0	0	0	0

Details of Fatal, Serious accidents (3d+) or incidents						
IP Name or incident location	Nationality	Injury	Employer	date of acc/inc	RTW date ^{4 6}	

Return to OHS by 10th of following month

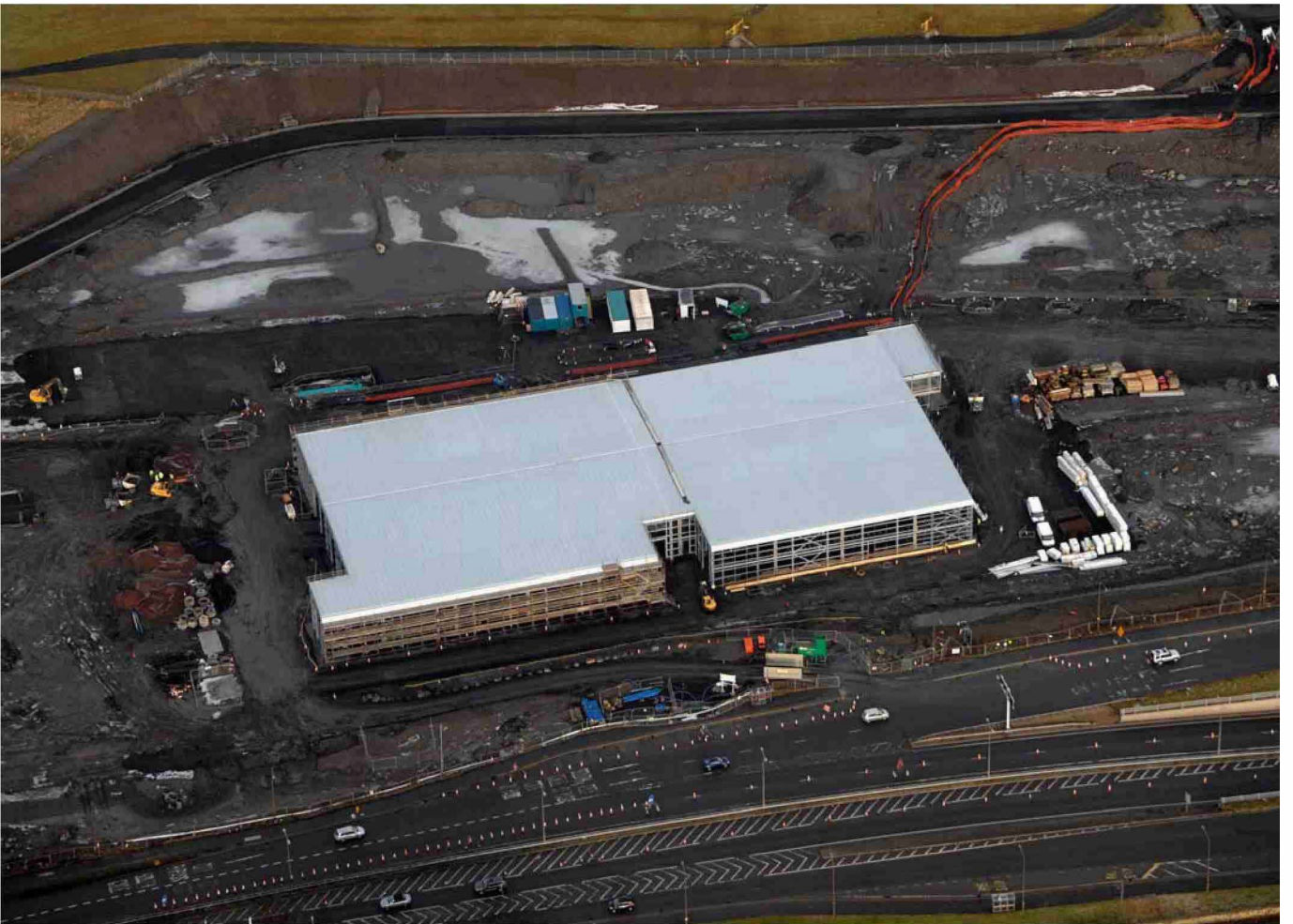
OHS email: [Redacted] OHS fax 0049 (0)611 786 399

1. Include average number of BB staff, site workers during the month.
2. Hours should be included if known or multiply number of staff by monthly hours worked eg x 200
3. Subcontractor numbers should be estimated if no exact figure known. Average part time workers over month eg 10 workers for half a month = 5.
4. Do not leave boxes blank, make an estimate. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known
5. These figures are for BBIB Group use, separate returns should be made to Regions or Technical depts for their statistics & close out, so duplication does not occur. See example in manual
6. All lost time or subsequent developments refer back to the month when the injury occurred
7. Counting for 3D+ accidents include weekends but days lost only count working/earning days

2.13 Project Photographs

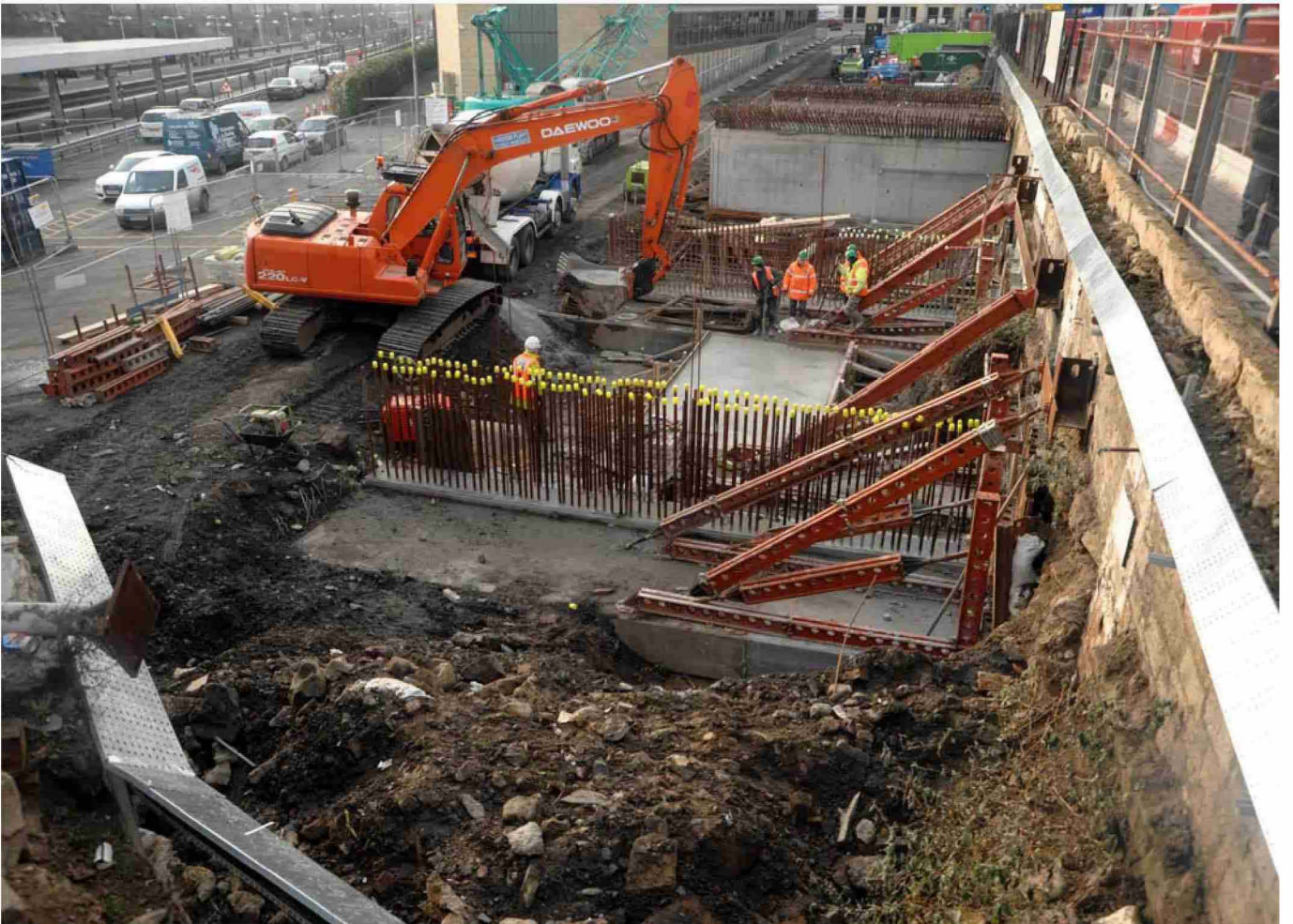
see following pages

Picture 01	Section 7	Start of Farrans' Section
Picture 02	Section 6	Depot Building
Picture 03	Section 6	Depot Building
Picture 04	Section 5	Edinburgh Park Station Bridge
Picture 05	Section 5	Edinburgh Park Station Bridge
Picture 06	Section 5	Carrick Knowe Bridge
Picture 07	Section 5	Piling Works at Russel Road RTW
Picture 08	Section 2	Haymarket Viaduct









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 Achoring)	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	1	5	3	68	0	0	2	11	68	79
2	Issued for External Approval (IFEA), to be IFC	4	20	3	129	15	2	2	46	129	175
3	Issued for Construction (IFC)	17	254	70	261	423	40	119	923	261	1184
4	Partially agreed for Construction (PAFC)	7	207	29	0	57	0	0	300	0	300
5	Agreed for Construction (AFC)	0	0	0	0	0	0	0	0	0	0
6	For As-Built Info Incorporation	0	0	0	0	0	0	0	0	0	0
7	As Built	0	0	0	0	0	0	0	0	0	0
8	Hand over	0	0	0	0	0	0	0	0	0	0
9	Withdrawn	0	1	4	0	1	0	0	6	0	6
10	Notto be IFC	234	153	14	87	103	14	43	561	87	648
11	IFEA, but not to be IFC	95	64	7	41	48	22	22	258	41	299
New Design for Change Order:											
21	Draft, to be issued for construction	80	68	3	0	99	5	27	282	0	282
22	Issued for External Approval (IFEA), to be IFC	17	25	7	0	72	0	3	124	0	124
23	Issued for Construction (IFC)	9	31	6	0	54	26	10	136	0	136
25	Agreed for Construction (AFC)	0	0	0	0	0	0	0	0	0	0
26	For As-Built Info Incorporation	0	0	0	0	0	0	0	0	0	0
27	As-Built	0	0	0	0	0	0	0	0	0	0
28	Hand over	0	0	0	0	0	0	0	0	0	0
30	Notto be IFC	1	0	0	0	4	0	3	8	0	8
31	IFEA, but not to be IFC	0	22	0	0	1	1	0	24	0	24
Existing Design subjected to revisions for Change Order: (It is assumed that drawings issued after 1/7/09 have Change Orders incorporated.)											
41	Draft, to be rev. for CO	6	18	6	0	19	9	3	61	0	61
42	IFEA, to be rev. for CO	21	23	1	0	11	5	7	68	0	68
43	IFC, to be rev. for CO	17	185	19	0	176	49	53	499	0	499
44	Draft, revised for COs	3	1	0	0	0	0	0	4	0	4
45	IFEA, revised for COs	7	4	5	0	11	0	0	27	0	27
46	IFC, revised for COs	11	134	18	0	98	141	18	420	0	420
50	Draft, withdrawn for CO	45	0	0	0	2	0	5	52	0	52
51	IFEA, withdrawn for CO	131	6	5	0	0	0	0	142	0	142
52	IFC, withdrawn for CO	0	26	4	0	39	5	0	74	0	74
Total (1~3+5-52)		699	1040	175	586	1176	319	317	3726	586	4312
Part of Original SDS Design still scheduled IFC:											
Issued for Construction (3+5-8+43+46)		45	573	107	261	697	230	190	1842	261	2103
Total Issue for Construction (1~3+5-8+41~46)		87	644	125	458	753	246	204	2059	458	2517
Percentage of Completion IFC		51.7%	89.0%	85.6%	57.0%	92.6%	93.5%	93.1%	89.5%	57.0%	83.6%
Original SDS Design:											
Issued for Construction (3+5-8+43+46+52)		45	599	111	261	736	235	190	1916	261	2177
Total Issue for Construction (1~3+5-8+41~46+50-52)		263	676	134	458	794	251	209	2327	458	2785
Percentage of Completion IFC		17.1%	88.6%	82.8%	57.0%	92.7%	93.6%	90.9%	82.3%	57.0%	78.2%
SDS Design Incl. Change Orders:											
IFC incl. new Issues for CO (3+5-8+23-28+43+46)		37	419	94	261	575	207	147	1479	261	1740
Total IFC incl. new Issues for CO (1~3+5-8+21~28+41~46)		193	768	141	458	978	277	244	2601	458	3059
Percentage of Completion IFC		19.2%	54.6%	66.7%	57.0%	58.8%	74.7%	60.2%	56.9%	57.0%	56.9%