

EDINBURGH TRAM NETWORK

Monthly Project Report August 2011



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: August 2011

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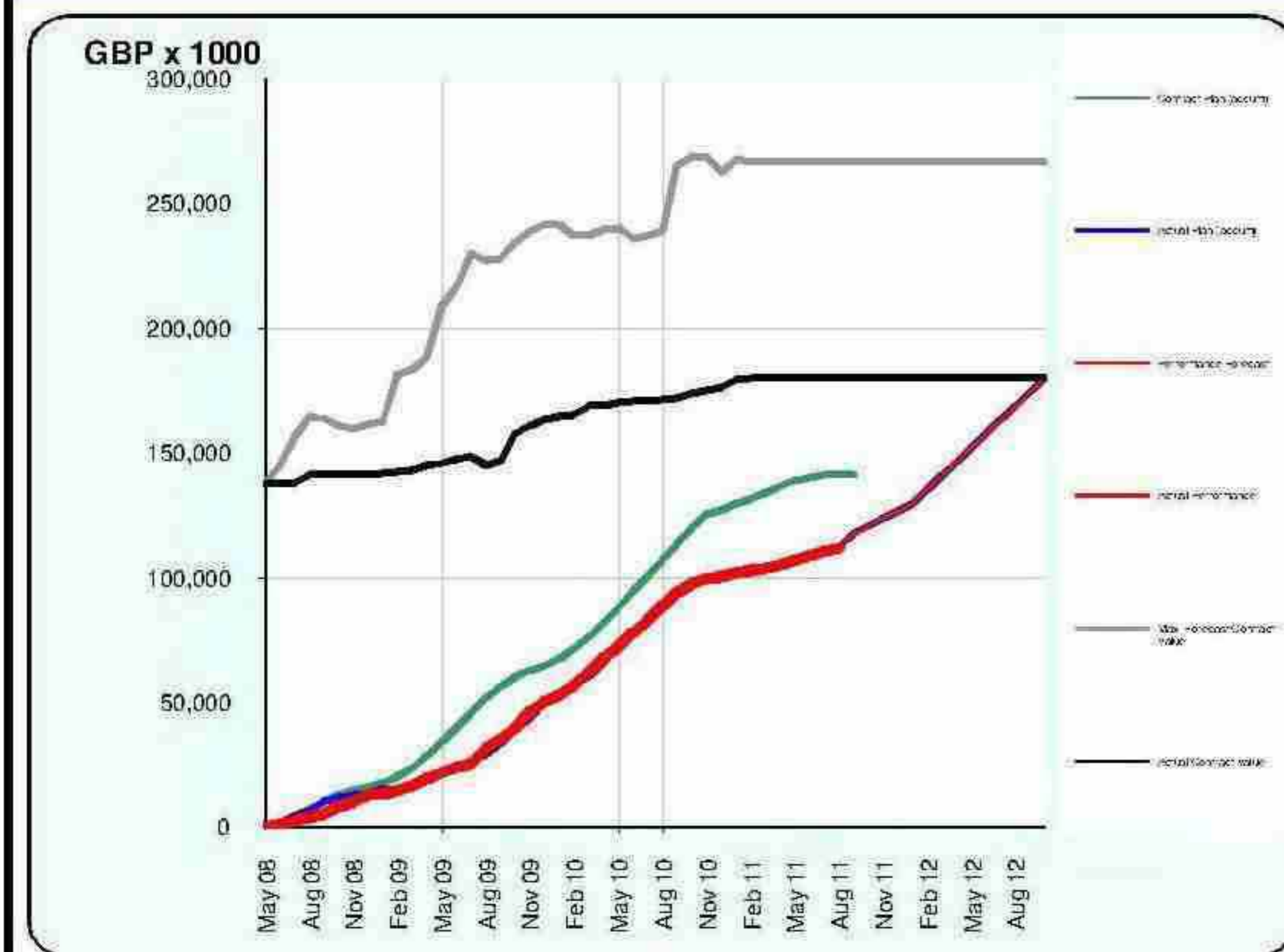
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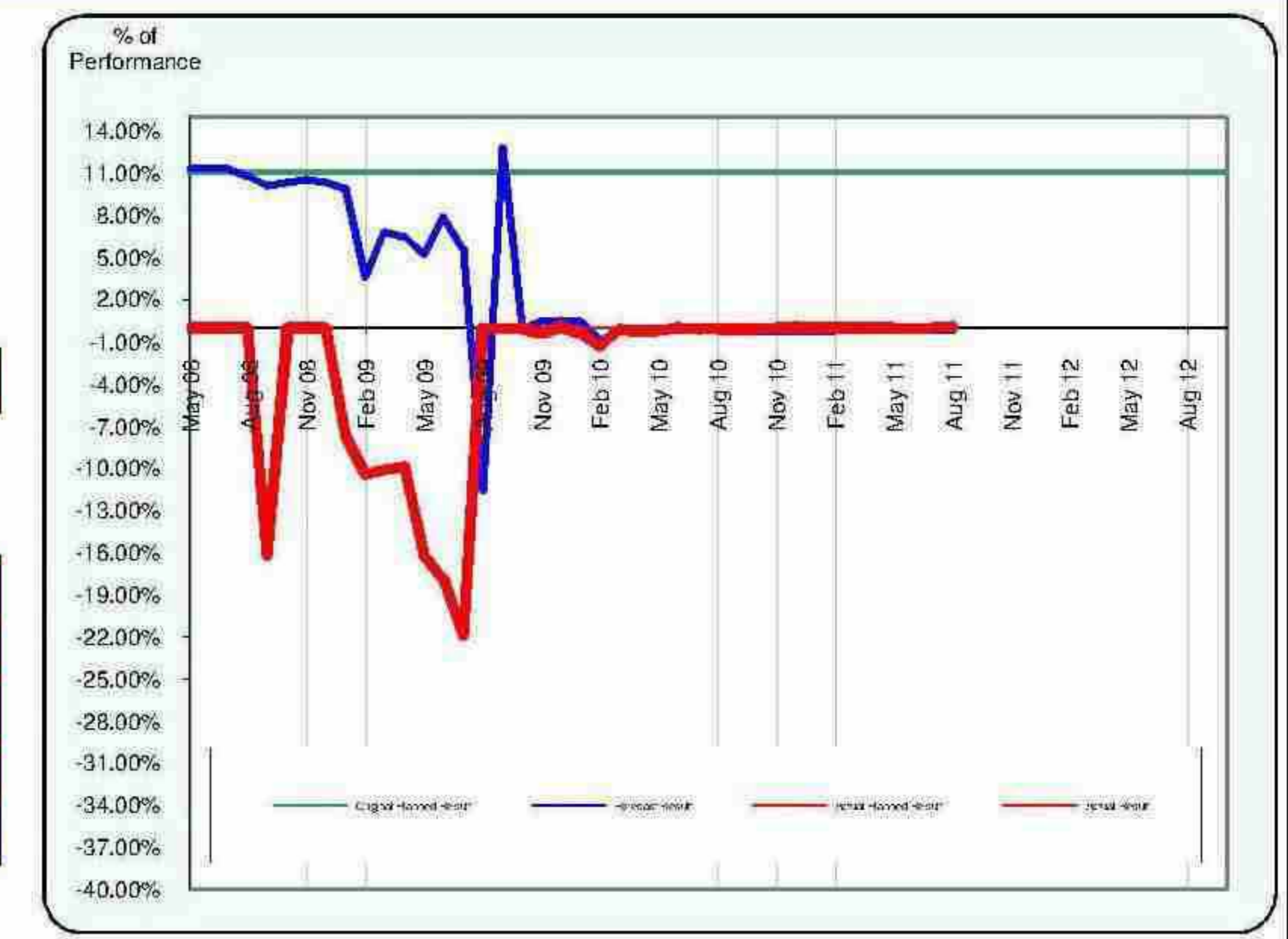
1.01 Project Overview Charts



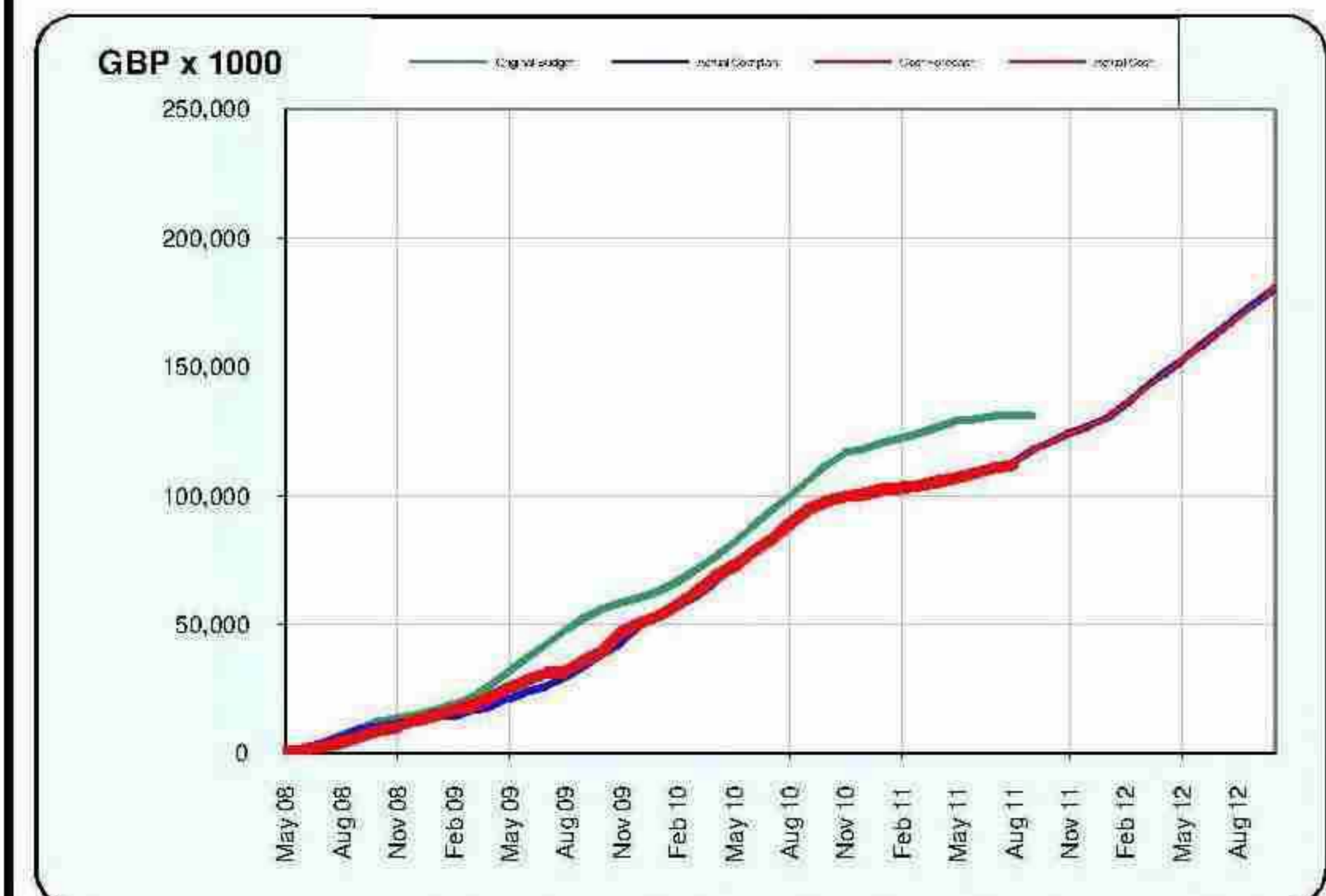
Performance

	Contract Plan (Rev.1)	Revised Plan (actual)	Forecast (Rev 3A)	Actual	Status Figures
Construction start date	15-May-08			15-May-08	
Construction end date	16-Jul-11	05-Jun-12	20-Nov-13		17.5 month red
Total contract value [GBPx1000]	141,509			180,368	
Claims / Variations approved				46,086	
Claims / Variations not approved				86,764	
Performance		112,944		112,390	99.5% green
Actual Cost to Date				112,279	99.9% green
Result	11.07%	-0.15%	-0.15%	0.10%	0.00% green
Payment Status		112,227		119,446	106.4% green
Av.Perf/mth: Rem. & act. 3mth			6,180	1,783	yellow

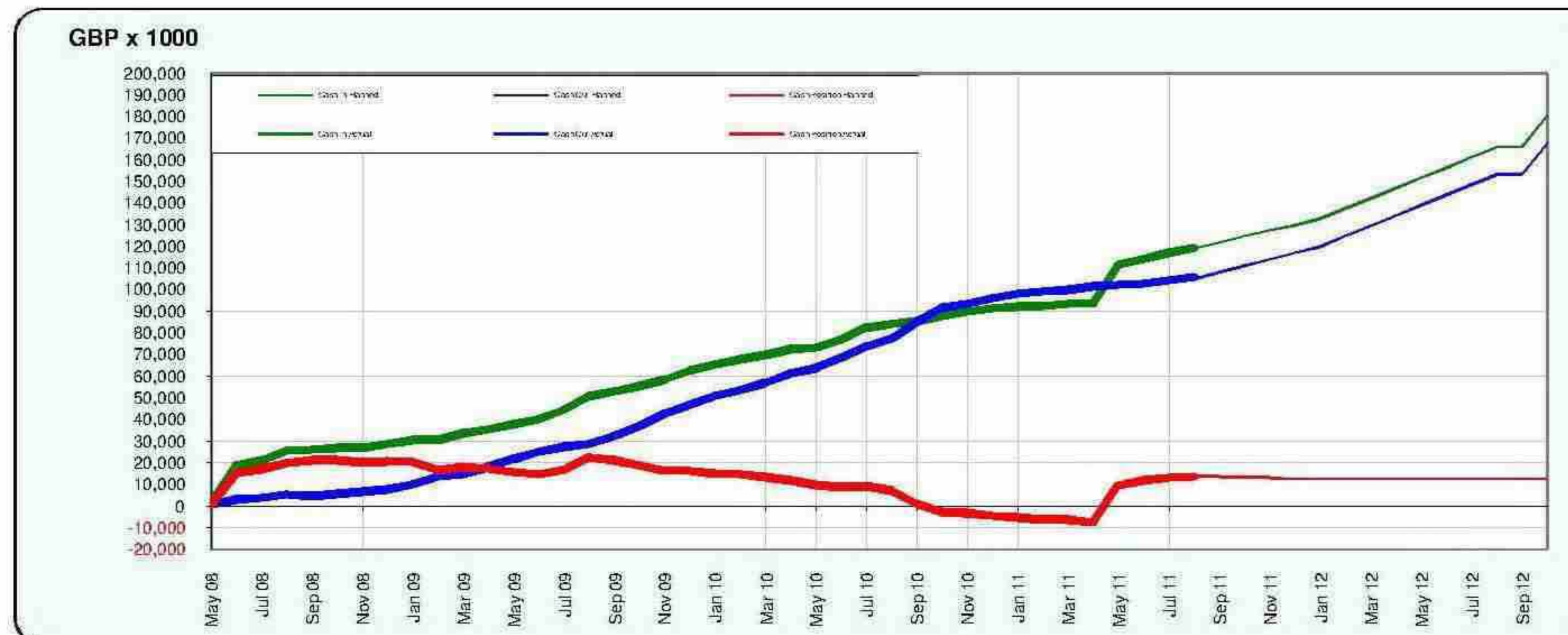
Project Key Figures



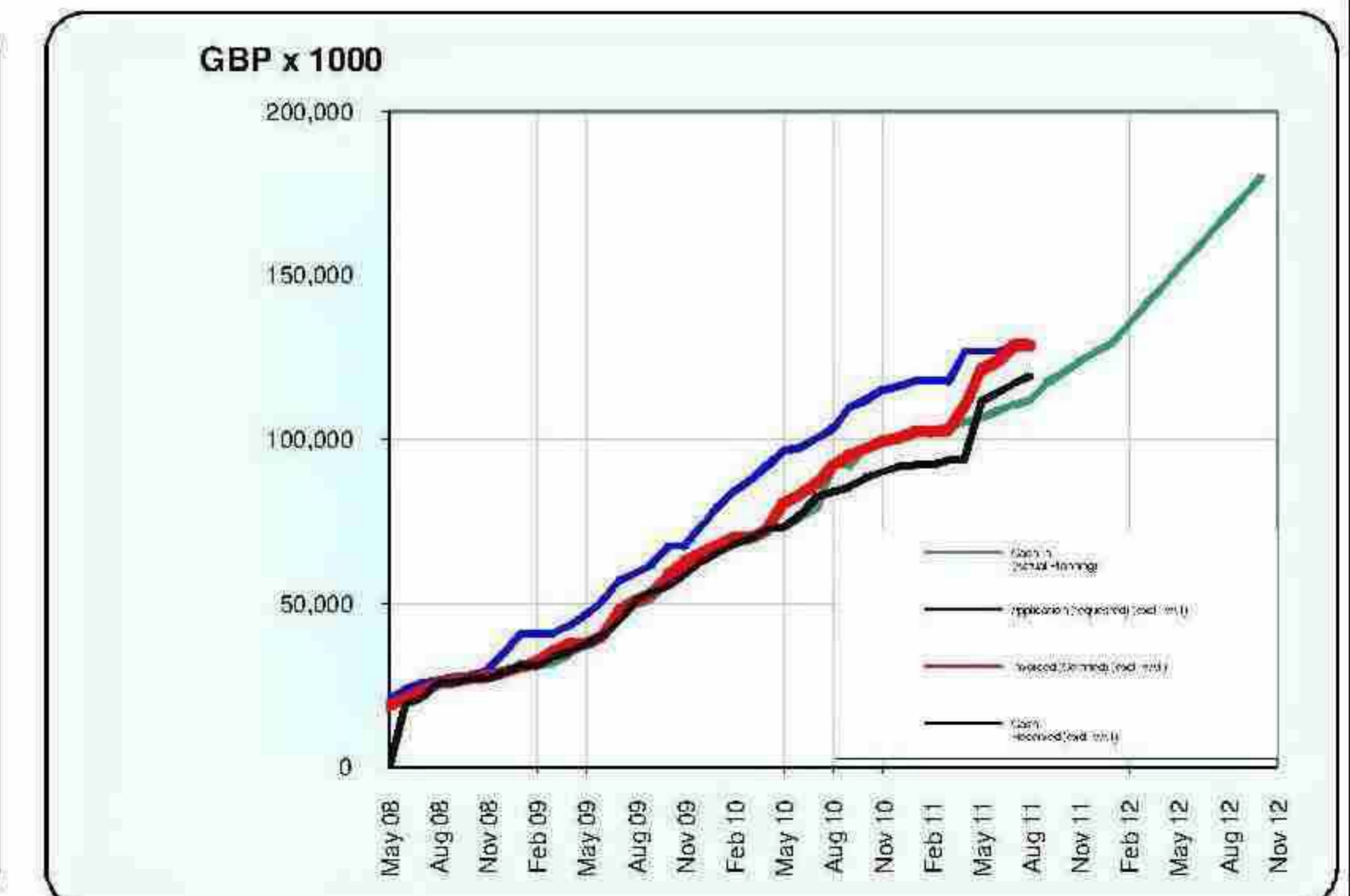
Project Result



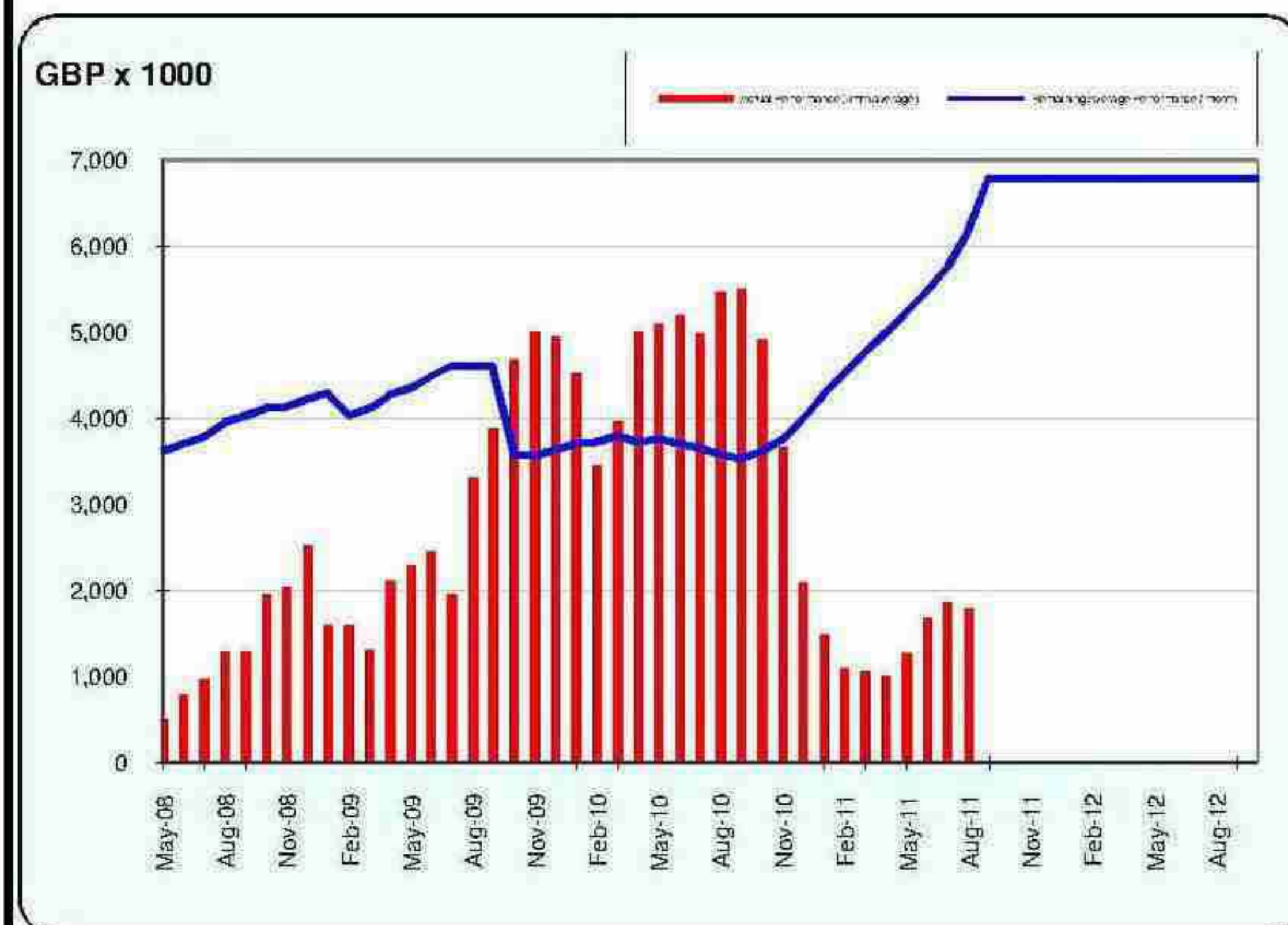
Project Cost



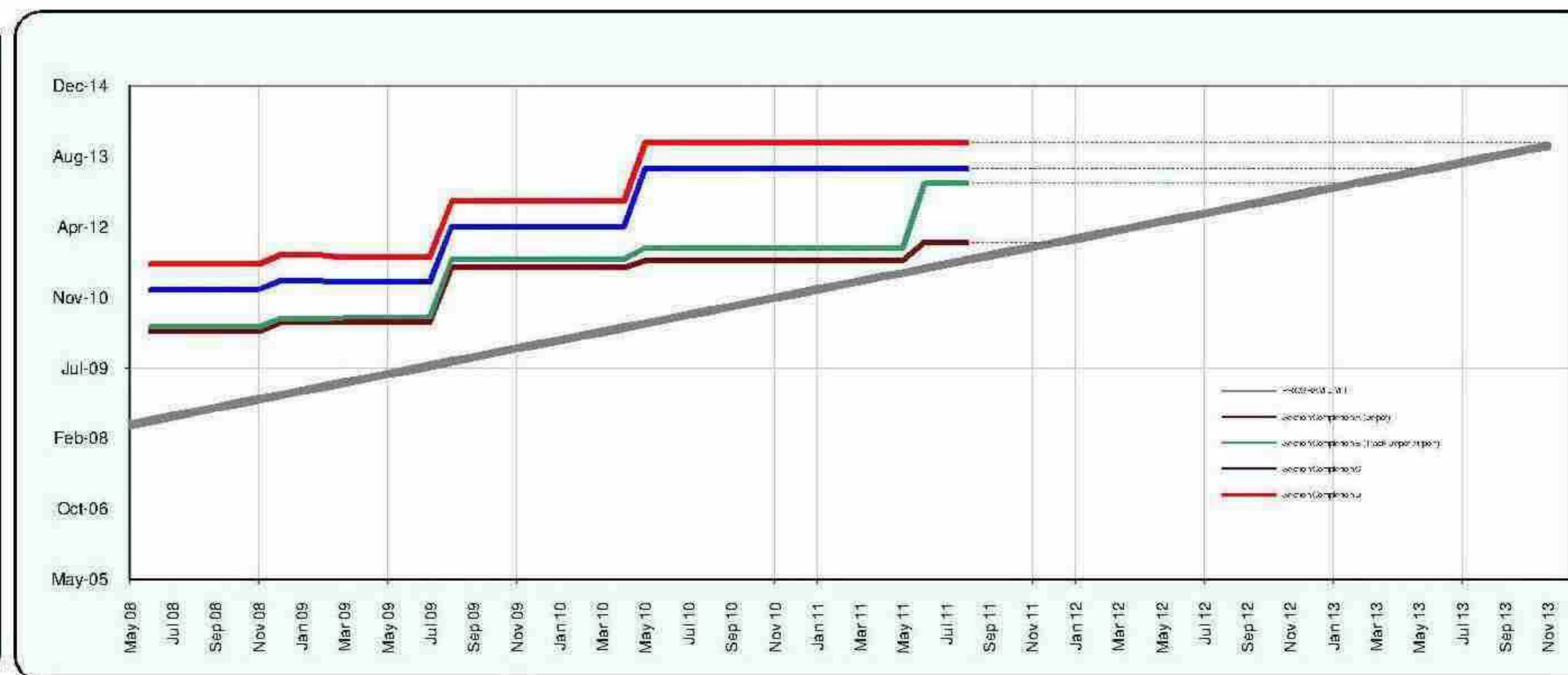
Cashflow



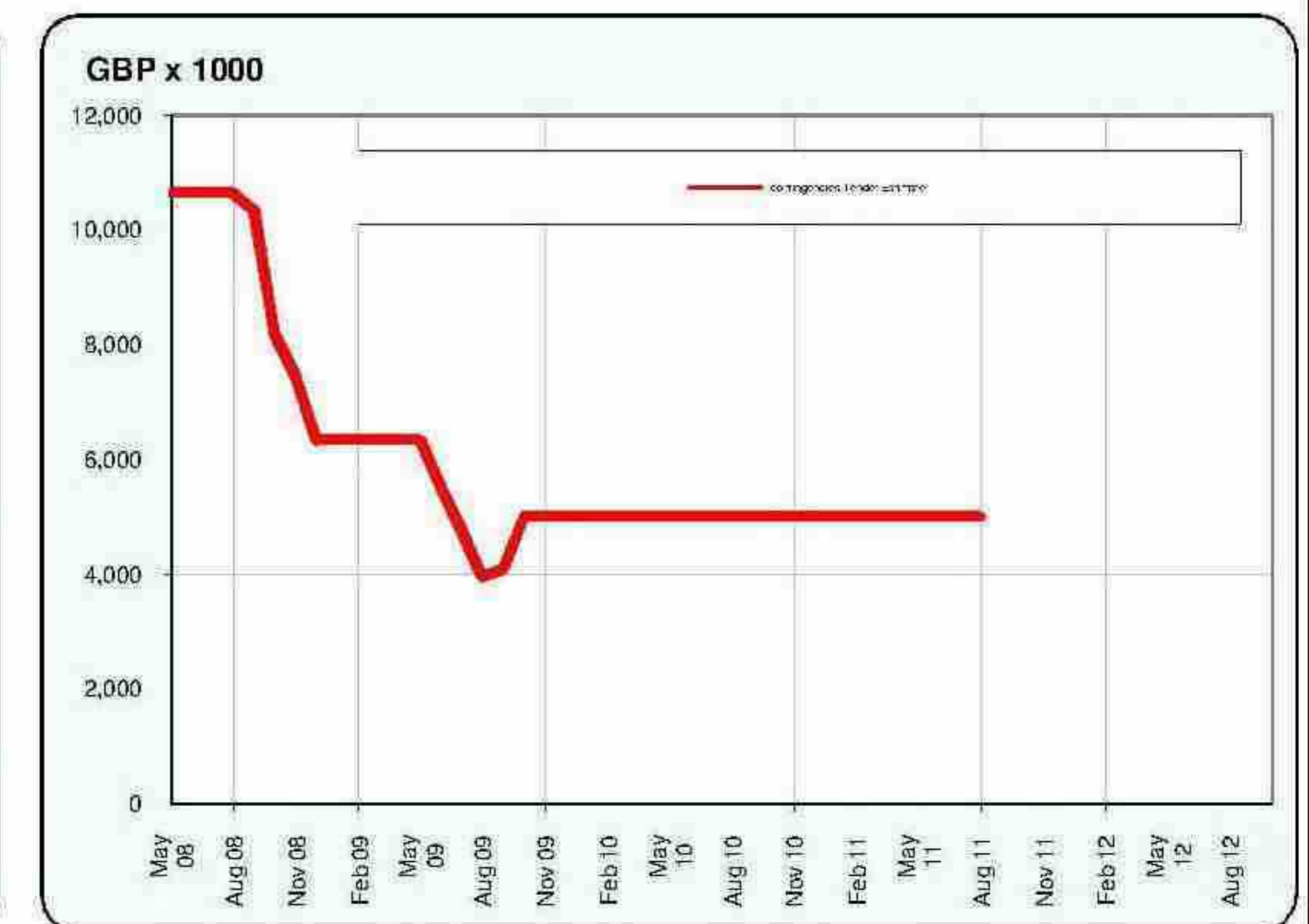
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis (Forecast Rev 3A)



Contingencies vs Risks

1.02 Short note on Overview Charts

1.2.1 Performance

Due to the contractual stand off situation with tie, cessation of all unapproved works was established early October 2010 and was effecting works on approved changes. Progress of works was limited to execution of approved changes or Original Contract Works. Works at Depot Access Bridge, Depot Building and some external works at the Depot Area were performed on this basis only. After mediation a defined schedule for a limited work scope was agreed (Prioritised Works) and those works are currently under execution.

1.2.2 Project Cost

The main cost overrun is still 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

The monthly cumulative results adds up to	£111,512	or	0.10%
The forecast/planned result shows	-£262,122	or	-0.15%

caused by the fluent situation of the project, i.e. no agreement on more than 200 changes, time extension and fundamental contractual disagreements, i.e. Value Engineering, Provisional Sums. Under the current circumstances and expecting additional revenue as shown in the R&O Sheet the project will result in a weighted margin of

	£14,816	or	7.07%
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To secure a low risk profile the contractual team has been strengthened to facilitate a positive outcome on the legal disputes.

1.2.4 Payment Status

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

Invoiced net to the client:	£128,922,359.30	
Paid net from the client:	<u>£119,446,105.30</u>	
	<i>Variance</i> £9,476,254.00	

The variance above incl. an amount of £9,476,254.00 for not certified but invoiced prelims
and an amount of £0.00 on certified construction works to be paid next month.

1.2.5 Cashflow

The ETN project cash flow increased further positive.
For the above mentioned limited scope a milestone schedule for payments could be agreed in timely manner securing a positive cash forecast.

Cash in net:	£120,195,385.74	(incl. interest income)
Cash out net:	£106,051,017.75	
Cash balance net:	£14,144,367.99	

1.2.6 Contingencies

The value for the remaining in the tender estimated contingencies is stable about:

£5,019,788.00	(see attachment 3.01)
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1.2.7 Construction Programme

The revised Contract Programme shows the agreed 7 1/2 weeks extension of time for EOT1 (up to 06 September 2011) plus the in November 2009 by tie confirmed initial entitlement of 9 months relief on LD's for EOT2A (up to 05 June 2012), in total 11 months.

Rev 3A programme was submitted to tie indicating an entitlement for prolongation up to 20 November 2013 (in total 28 months). This programme was rejected by tie.

MUDFA 2 programme was submitted to tie indicating an entitlement for prolongation on the MUDFA element only, with a base data date of 31 July 2010, up to 10 December 2012 (in total 15 months).

A new programme based on the outcome of the mediation is currently under preparation.
Under MoV4 signed in June the new Sectional A date was agreed (16/12/2011).
Following the Sectional B date was extended to the 07/02/2013.

1.03 General Information

1.3.1 Short note on progress, events this month

Mobilisation : Preparation for restart of all construction works from 03/10/2011 ongoing.

Design:
 Production of civil and building drawings in accordance with the original design is 99.1% complete. In general earthworks, roads, track, structures and depot drawings are available. Drawings for substations and tramstops are completed.
 Civil drawings, revised to incorporate Siemens design (trackform including vibration isolation, OLE foundations, substations) are largely complete. Drawings are being prioritised to support construction.
 Resolution of technical interfaces and production of an integrated design, together with necessary system assurance and production of the case for safety, are ongoing within the design management team.
 SDS is progressing the remaining to achieve an completion of the core design by August 2011. Further instructions to perform additional conceptual design options were received and will be completed towards the end of the year.

Procurement :
 Agreed Prioritised Works were under execution during August.

Construction :
 Off-Street works have continued at Depot Access Bridge, Depot Building, external Depot works, Haymarket Yards, A8 Underpass and on a Mini Test Track in front of the Depot.
 Remobilisation for restart of works in September ongoing.

Contract :
 Negotiations on Minute of Variation for a new work scope (MoV5) are ongoing.
 As a first step Minute of Variation for Prioritised Works starting 03 May 2011 has been agreed on the 15 April 2011.

1.3.2 Significant extraordinary events

Date	Description	Remarks

1.3.3 Recent important agreements with the Employer or instructions having significant consequences

Date	Description	Remarks

1.3.4 Status on Major Unapproved Claims / Variations / Changes

797 change items notified to date 106 by tie and 691 by Infracore).
 136 of these have been superseded by further changes or withdrawn.
 75 of the remaining changes have a delay only impact and are covered through the MUDFA/EOT-Claims, whereof 4 are submitted to date and 1 change were received.
 Therefore there are 586 changes requiring design and construction estimates.
 490 changes are submitted.
 Of this 205 changes were confirmed by tie. Further 5 small works changes were received.
 285 submitted changes are under review in tie.
 96 estimates are to be submitted whereof:
 - 31 are design only
 - 16 are awaiting design information
==> no further action on these changes, will be covered through MoV5

1.04 Performance Sheet

1. General Information		2. Construction Period		Original Contract	Revised Contract	Variance
Client:	tie LIMITED	Construction start date	15-May-08	15-May-08	0 days	
Leadership:	BILFINGER BERGER UK LIMITED	Construction end date	16-Jul-11	05-Jun-12	325 days	
	0	Total excl. Site Removal	38 month	49 month	128 %	
Currency:	GBP Rp. (all amounts without V.A.T.)	Expired construction time	39.5 month	39.5 month	81 %	
Rate of Exchange Top Sheet:	1 GBP = 1.25 EUR Actual: 1.14 EUR	Performance to date	112,390,229 GBP		62 %	

2. Total Contract Value		Date of Contract	Total Previous Month	August 2011	Total Reporting Month
Contract Value with Client (first evaluation)	141,508,815 (incl. SDS NovaAgree)				
Contract Value with Client (revised evaluation)	134,281,209 (incl. SDS NovaAgree)	100.00%	180,367,654	134.3%	180,367,654 134.3%
Contract Value with 3rd Parties (without interest)			0	0.0%	0 0.0%
			180,367,654	134.3%	180,367,654 134.3%

3 Approved Changes total		Total Previous Month	August 2011	Total Reporting Month
		46,086,445	34.3%	46,086,445 34.3%

3a. Provisional Sums		Total Previous Month	August 2011	Total Reporting Month
SDS Novation Agreement Provisional Sums		3,079,331	2.3%	3,079,331 2.3%
Defined Provisional Sums		181,489	0.1%	181,489 0.1%
Undefined Provisional Sums		789,819	0.6%	789,819 0.6%

3b. Claims and Variations		Total Previous Month	August 2011	Total Reporting Month
Claims and Variations approved (= Total VOs Approved - 3a. Provisional Sums)		42,035,806	31.3%	42,035,806 31.3%
Claims and Variations submitted but not approved yet		76,055,821	56.6%	76,055,821 56.6%
Claims and Variations under preparation		10,708,277	8.0%	10,708,277 8.0%

4a. Performance		Total Previous Month	August 2011	Total Reporting Month
Performance for Actual Contract Value with Client		111,034,979	61.56%	1,355,250 112,390,229 62.31%
Performance for 3rd Parties (without interest)		0	0.00%	0 0.00%
Total Performance to Date		111,034,979	61.56%	1,355,250 112,390,229 62.31%
Remaining Performance to Date		69,332,675	38.44%	67,977,425 37.69%
Actual Planned Performance (Planned Performance per report date - Performance Last Month)		111,034,979	61.56%	1,909,000 112,943,979 62.62%

4b. Cost		Total Previous Month	August 2011	Total Reporting Month
Actual Cost at Reporting Date		111,005,389	61.54%	1,273,328 112,278,717 62.25%

5. Result		Date of Contract	Total Previous Month	August 2011	Total Reporting Month
Planned Result for Contract with Client (first evaluation)	15,670,750	11.07%			
Planned Result for Contract with Client (revised evaluation)	8,443,144	6.29%	11,741,934	6.51%	11,741,934 6.51%
Actual Result at Reporting Date			29,590	0.03%	111,512 0.10%
Forecast Result at the End of Contract			-262,082	-0.15%	-262,082 -0.15%
Weighted Result at the End of Contract (Likely Case)			14,816,432	7.07%	14,816,432 7.07%

6. Invoices, Payment and Bank account		Total Previous Month	August 2011	Total Reporting Month
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	128,922,359 71.48%
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	128,922,359 71.48%
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	2,168,795 119,446,105 66.22%
Cash in from 3rd Parties - excl. VAT				0 0.00%
Interest income		731,951	0.66%	17,329 749,280 0.67%
Cash out (excl. VAT)		104,511,699	57.94%	1,539,319 106,051,018 58.80%
Net Liquidity	creditline	0	0%	646,805 14,144,368 7.84%

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

8. Actual Forecast for Performance and Result in TSD GBP

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

Linear Calculation

Actual / Forecast					
	2008	2009	2010	2011	2012
		584	2,632	1,573	3,139
		1,739	4,077	815	5,583
		1,579	5,170	788	5,583
		3,035	5,755	1,424	5,583
	500	2,268	4,337	1,574	5,583
	1,052	2,049	5,492	2,056	5,583
	1,331	1,531	5,112	1,937	5,583
	1,465	6,312	5,779	1,355	5,583
	1,047	3,783	5,590	5,416	5,583
	3,340	3,931	3,375	3,004	5,583
	1,725	7,288	2,022	3,558	
	2,481	3,635	852	2,615	
	12,940	37,734	50,195	26,114	53,385
	total: 180,368				

Yearly Forecast		
Performance and Result in 2008		
Performance	12,940,002	7.2%
Result	2	0.00%
Performance and Result in 2009		
Performance	37,733,662	20.9%
Result	-2	0.00%
Performance and Result in 2010		
Performance	50,194,652	27.8%
Result	0	0.00%
Performance and Result in 2011		
Performance	26,114,243	14.5%
Result	0	0.00%
Performance and Result in 2012		
Performance	53,385,296	29.6%
Result	-262,123	-0.49%
Total Performance and Result		
Performance	180,367,855	100.0%
Result	-262,123	-0.15%

Edinburgh, 15/09/2011

Place and Date

M Foerder, Project Director

Edinburgh, 15/09/2011

Place and Date

C Gebauer, Project Control Manager

Project: GB-2006-1001AK38 Edinburgh Tram 2011_08
Reporting Month: 40. RP 08.2011, 31/08/2011

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE									CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL				
Work- / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allow-able incl. agreed VO's 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC IQxDJC-Rate 9	Variance to Date 10= 9-5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 16	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCt AQty. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Total Cost incl. Prime Cost Sums		106,554,132	5,724,585	112,278,717	86,526,339	4,086,506	-21,665,872	112,559,068	280,351	1,273,328	184,715	-1,088,613	125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,629,776	62.3 %	68,070,708	180,349,425	-7,663,212	-34,776,681
Prime Cost Sums 0 / 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cost without Prime Cost Sums		106,554,132	5,724,585	112,278,717	86,526,339	4,086,506	-21,665,872	112,559,068	280,351				125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,629,776		68,070,708	180,349,425		


REMEASURED CONTRACT:

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

Total Cost without Prime Cost Sums			112,278,717	86,526,339				112,559,068					125,838,065	125,838,065	42,795,414		168,633,479	180,629,776				180,349,425	
Gross Margin				6,022,233				-168,839					15,670,750	8,443,144	3,291,031.00		11,734,175	-362,122				18,229	
Gross Margin in % from Performance				6.51 %				-0.15 %					11.07 %	6.29 %	7.14 %		6.51 %	-0.15 %				0.01 %	
Performance without Prime Cost Sums				92,548,572				112,390,229					141,508,815	134,281,209	46,086,445		180,367,654	180,367,654				180,367,654	
Actual Cost to date				112,278,717				112,278,717															
Gross Margin to date				-19,730,145				111,512															
Gross Margin to date in % of Performance				-21.32 %				0.10 %															
Performance Prime Cost Sums:				0				0					0	0	0		0	0				0	
Total Performance:				92,548,572				112,390,229					141,508,815	134,281,209	46,086,445		180,367,654	180,367,654				180,367,654	
Revenue according WBS				0				0															

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

Total Cost without Prime Cost Sums				90,612,845				112,559,068					125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,629,776				180,349,425	
Gross Margin				6,324,777				2,566,347					15,670,750				12,053,654	-4,110,091				4,390,442	
Gross Margin in % of Performance				6.52 %				2.23 %					11.07 %				6.52 %	2.22 %				2.38 %	
Valued Performance without Prime Cost Sums				96,937,622				115,125,415					141,508,815	134,281,209	46,086,445	4,372,213	184,739,867	184,739,867				184,739,867	
Actual Cost to date				112,278,717				112,278,717															
Gross Margin to date				-15,341,095.00				2,846,698															
Gross Margin to date in % of Performance				-15.83 %				2.47 %															
Performance Prime Cost Sums (incl. valued performance)				0				0					0	0	0	0	0	0				0	
Total Performance (incl. valued performance)				96,937,622				115,125,415					141,508,815	134,281,209	46,086,445	4,372,213	184,739,867	184,739,867				184,739,867	
Revenue according WBS (VO's valued)				0				0															
Revenue according WBS (VO's valued by 100%)				0				0															

	Project: Edinburgh Tram Network as per: 31/08/2011	
2.01 Cost Reconciliation Sheet		
see following pages		

Project: GB-2006-1001AK38 Edinburgh Tram 2011_08
Reporting Month: 40. RP 08.2011, 31/08/2011

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

Table with columns: WORK / COST CODES, TO DATE, CURRENT MONTH, BUDGET CONTRACT AND EXECUTION, FORECAST FINAL. Includes rows for various construction activities and a total summary row.

Project: GB-2006-1001AK38 Edinburgh Tram 2011_08
Reporting Month: 40. RP 08.2011, 31/08/2011

COST RECONCILIATION & FORECAST FINAL (REMEASURED CONTRACT)

Currency: GBP

WORK / COST CODES		TO DATE								CURRENT MONTH			BUDGET CONTRACT AND EXECUTION					FORECAST FINAL					
Work- / Cost Code	Description	Actual Cost	Accruals Deferrals	Actual Cost with Accruals 5=3+4	Actual Allow-able incl. agreed VO's 6	Allowable for unapproved VO's 7	Variance to Date 8=(6+7)-5	Revised DJC IQxDJCRate 9	Variance to Date 10= 9-5	Actual Cost with Accruals 11	Actual Allowable 12	Variance 13=12-11	Budget Original WQty. 14	Budget Orig. Contr. with AQty. 15	Budget Agreed VO's AQty. 16	Budget unappr. VO's AQty. 17	Budget Total AQty. 18=15+16+17	Revised DJCt AQty. 19	% Complete 20=9/19	Cost to Complete (AQ-IQ) 21=19-9	Forecast Final Cost 22=5+21	Forecast Final Variance 23=18-22	Projected Variance (linear) 24=8/20
1	2	3	4	5=3+4	6	7	8=(6+7)-5	9	10= 9-5	11	12	13=12-11	14	15	16	17	18=15+16+17	19	20=9/19	21=19-9	22=5+21	23=18-22	24=8/20
Total Cost incl. Prime Cost Sums		106,554,132	5,724,585	112,278,717	86,526,339	4,086,506	-21,665,872	112,559,068	280,351	1,273,328	184,715	-1,088,613	125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,629,776	62.3 %	68,070,708	180,349,425	-7,663,212	-34,776,681
Prime Cost Sums 0 / 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
Total Cost without Prime Cost Sums		106,554,132	5,724,585	112,278,717	86,526,339	4,086,506	-21,665,872	112,559,068	280,351				125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,629,776		68,070,708	180,349,425		

REMEASURED CONTRACT:

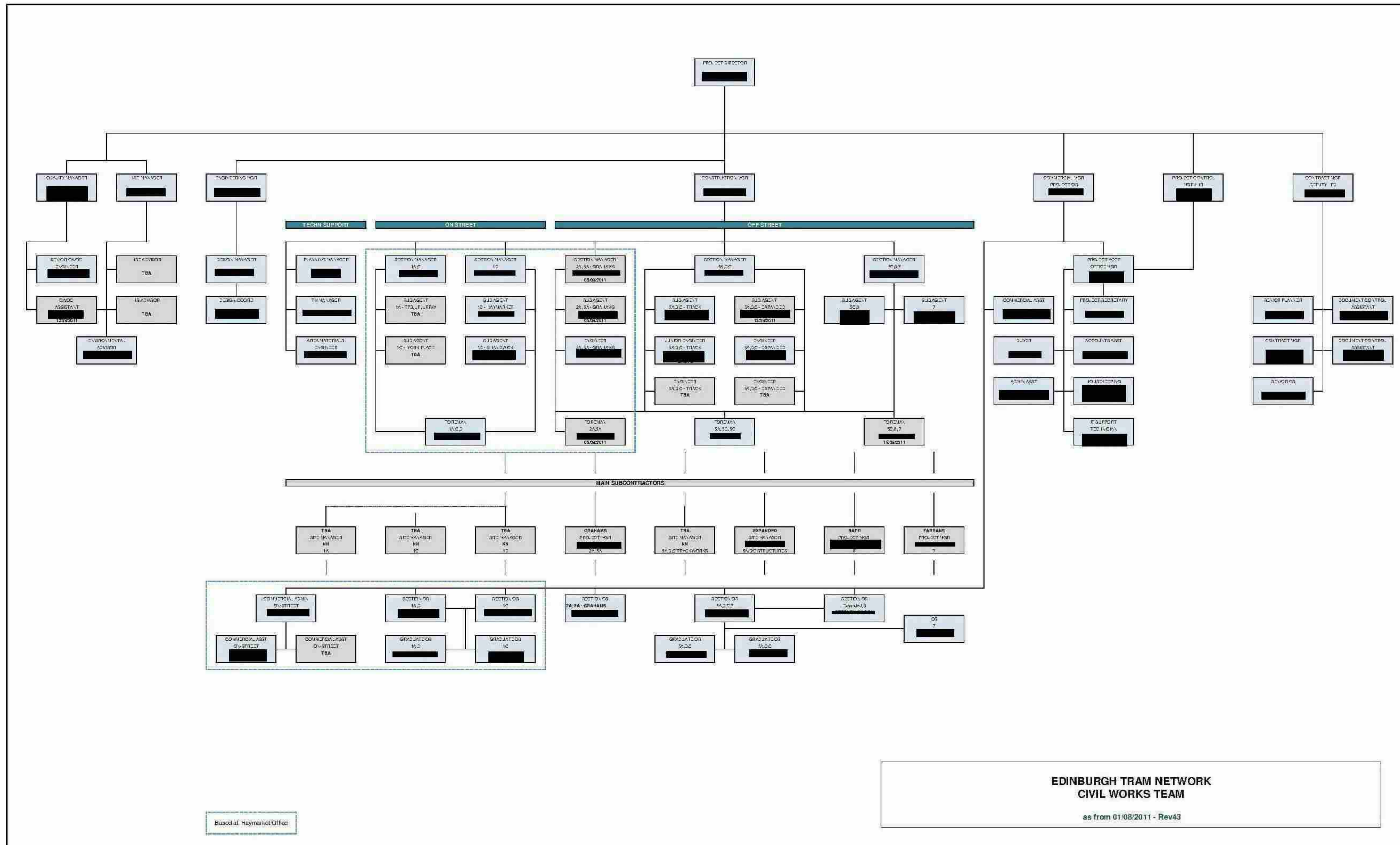
Gross Margin original Contract and agreed VO's (PF = 0.9985, PFB = 1.0696)

Total Cost without Prime Cost Sums			112,278,717	86,526,339				112,559,068					125,838,065	125,838,065	42,795,414		168,633,479	180,629,776				180,349,425	
Gross Margin				6,022,233				-168,839					15,670,750	8,443,144	3,291,031.00		11,734,175	-362,122				18,229	
Gross Margin in % from Performance				6.51 %				-0.15 %					11.07 %	6.29 %	7.14 %		6.51 %	-0.15 %				0.01 %	
Performance without Prime Cost Sums				92,548,572				112,390,229					141,508,815	134,281,209	46,086,445		180,367,654	180,367,654				180,367,654	
Actual Cost to date				112,278,717				112,278,717															
Gross Margin to date				-19,730,145				111,512															
Gross Margin to date in % of Performance				-21.32 %				0.10 %															
Performance Prime Cost Sums:				0				0					0	0	0		0	0				0	
Total Performance:				92,548,572				112,390,229					141,508,815	134,281,209	46,086,445		180,367,654	180,367,654				180,367,654	
Revenue according WBS				0				0															

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

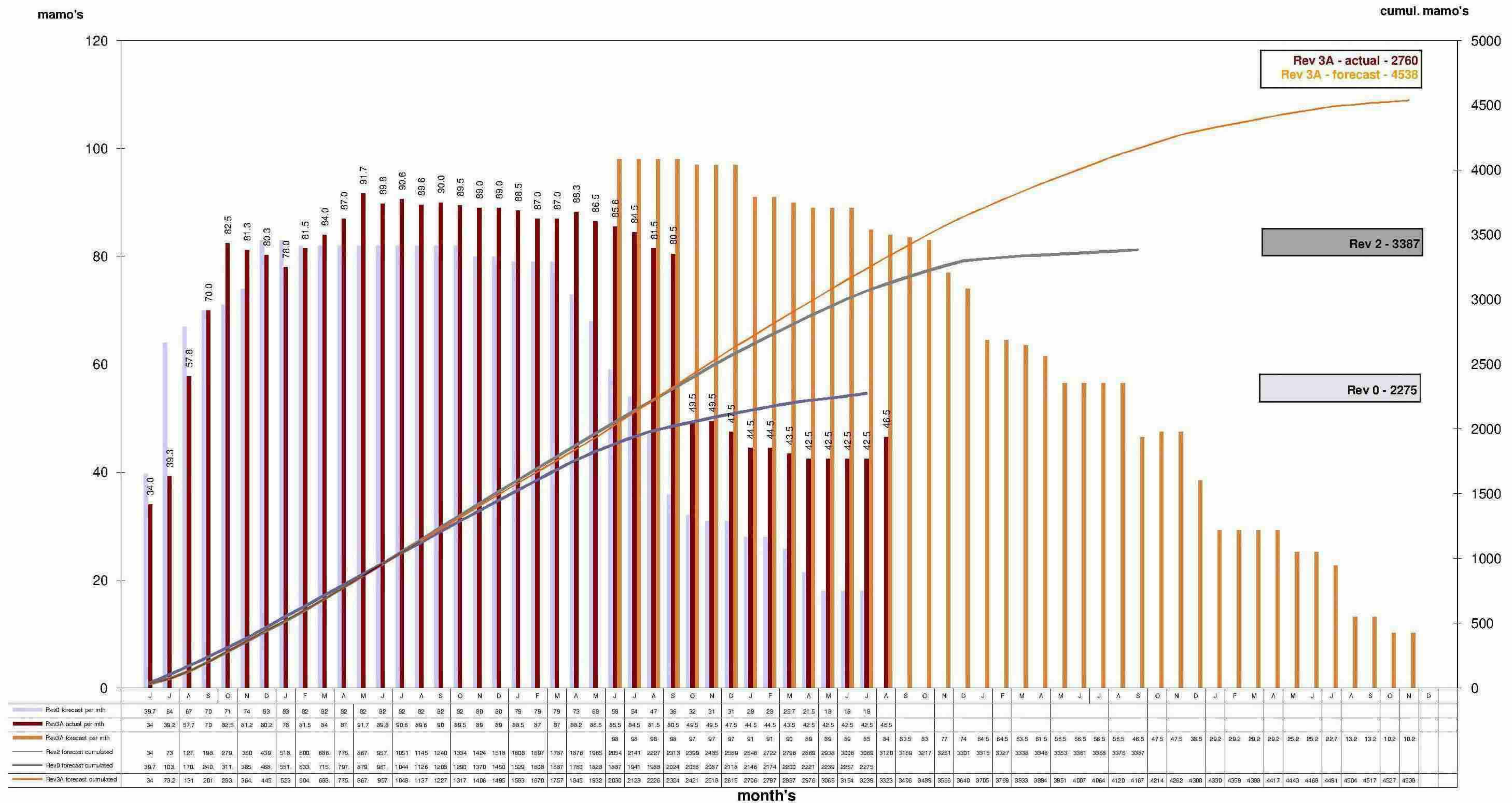
Total Cost without Prime Cost Sums				90,612,845				112,559,068					125,838,065	125,838,065	42,795,414	4,052,734	172,686,213	180,629,776				180,349,425	
Gross Margin				6,324,777				2,566,347					15,670,750				12,053,654	-4,110,091				4,390,442	
Gross Margin in % of Performance				6.52 %				2.23 %					11.07 %				6.52 %	2.22 %				2.38 %	
Valued Performance without Prime Cost Sums				96,937,622				115,125,415					141,508,815	134,281,209	46,086,445	4,372,213	184,739,867	184,739,867				184,739,867	
Actual Cost to date				112,278,717				112,278,717															
Gross Margin to date				-15,341,095.00				2,846,698															
Gross Margin to date in % of Performance				-15.83 %				2.47 %															
Performance Prime Cost Sums (incl. valued performance)				0				0					0	0	0		0	0				0	
Total Performance (incl. valued performance)				96,937,622				115,125,415					141,508,815	134,281,209	46,086,445	4,372,213	184,739,867	184,739,867				184,739,867	
Revenue according WBS (VO's valued)				0				0															
Revenue according WBS (VO's valued by 100%)				0				0															

2.05 Organisation Chart



2.06 Staff Chart

Staff mammo performance Edinburgh Tram



2.08a Approved Change Orders

											Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Revenue	Design & Construction	Margin in %	Remarks	
											1	2.00	6=5/1		
SDS NA		SDS NA					SDS	66	SDS Novation Agreement Provisional Sums	31/08/11	3,079,331.00	3,079,331.00			
PSSA		PSSA	X				1C/D	96	SSm Works carried out under Supplemental Agreement concerning Princes Street	20/03/09	12,780,161.05	10,465,330.13	7.21%		
19		1					Graham	61	GAn Archaeological Survey to the Caley Ale House	19/09/08	5,976.61	4,430.40	7.41%		
21		2					Graham	61	GAn Asbestos in the Caledonian Ale House	19/09/08	6,053.64	4,487.50	7.41%		
53		3					5C	54/57	GAn TNC004-Utilities diversions & associated works	10/10/08	39,217.65	28,539.95	7.29%		
87		4					BSC	64/65	x Duct Installation at Leith Walk	22/01/09	344.00	255.00	7.41%		
59		5					Graham	61	GAn Notified Departure in acc. With Schedule 4 due to tie-Asbestos Survey	30/10/08	29,947.80	22,200.00	7.41%		
51		6					5A	61	GAn TNC002-Utilities diversions & associated works	03/12/08	75,488.50	54,944.68	7.28%		
52		7					5B	54	GAn TNC003-Utilities diversions & associated works	03/12/08	88,027.17	64,070.99	7.28%		
166		8					1A	31	SKy Demolition of existing garage and fuel tanks on Ocean Drive.	03/12/08	19,560.50	14,500.00	7.41%		
176		9					Farrans	62	OHu Temporary Ramps (2 no.) at Gogar Church Road Construct Car Park	18/12/08	7,725.08	5,622.74	7.28%		
237		10					UPS	Graham	61	GAn Move site boundary fencing at Haymarket Car Park	17/12/08	987.96	719.09	7.28%	
272		11					5B	54	GAn Starter Layer below Subsoil Level at Carrick Knowe	17/12/08	96,557.69	70,280.00	7.28%		
23		12					Graham	61	GAn Demolition of Access Steps to Haymarket Station Carpark	23/01/09	2,360.75	1,710.00	9.23%		
192		14					UPS	1B	40	SKy Discovery of Cable & Wireless ducts - Chainage 108	22/01/09	187.35	136.36	7.28%	
48		15					SDS	66	Additional TRO Drawings as SDS-Letter dated 4th July 2008	22/01/09	3,550.18	3,024.00	8.52%		
168		16					1A	31	SKy Demolition of existing building at 33 Ocean Drive.	02/03/09	6,745.00	4,989.52	7.58%		
7		17					BSC	65	x Hard standing at Haymarket Yards.	29/01/09	1,011.75	750.00	7.41%		
84		18					SDS-BSC	65/66	x TNC005-Burnside road Diversion - Fees for design (INF_CORR.006)	03/02/09	720.00	613.29	8.52%		
271		19					SDS	66	Road Construction Details - Construction Methodology Statements for	13/02/09	372,540.13	317,325.50	8.52%		
269		20					SDS	66	Instructions arising from Trackform Development Workshop	13/02/09	371,057.96	316,063.00	8.52%		
274		21					TM	21	SKy Princes Street Construction Works-closure to traffic during construction	13/02/09	7,522.40	5,576.28	7.41%	Cost part of PSSA	
159		23					DPS		Removal of Provisional Sum Main Contract - Relocation Ancient Monuments	12/03/09	-				
141		24					SDS	66	West End Tramstop - revised requirements from CEC/ie.	09/04/09	16,636.17	14,170.50	8.52%		
266		25					Depot	63	OHu Monthly Track Monitoring Network Rail East Coast North Line / Gogar Depot	27/03/09	5,369.02	3,980.00	7.41%		
173		26					Graham	61	GAn Discovery of underground petrol tank at National Car Rental Site.	07/04/09	5,530.90	4,100.00	7.41%		
75		27					Farrans	62	OHu Temporary Access Ramp from Depot	27/03/09	16,303.74	12,221.80	6.58%		
187		28					Depot	63	OHu Additional excavated material at Depot	02/04/09	1,660,654.40	1,223,272.73	6.16%		
295		30.1					UPS	Farrans	62	OHu Scottish Gas Networks - Trial Investigations to protect gas main at Culvert 2	29/04/09	16,430.30	11,983.64	7.29%	
364		30.2					BSC	64/65	x New Manhole (MH1) at Balbirnie Place	12/02/10	1,498.23	1,268.19	8.46%		
216		31					UPS	1B	40	SKy Discovery of alkathene water pipe above formation level - Chainage 265 RHS	29/04/09	618.86	458.75	7.41%	
218		32					UPS	1B	40	SKy Discovery of 2 No. LV and 1 No. LV cables above formation level. - 182 RHS.	29/04/09	295.47	218.36	7.70%	
220		33					UPS	1B	40	SKy Discovery of Water connection pipework above formation level - 161 RHS	29/04/09	91.87	68.10	7.41%	
223		34					UPS	1B	40	SKy Discovery of stone culvert - Chainage 100 RHS	29/04/09	1,169.22	866.79	7.41%	
225		35					1B	48	SKy Repairs required to footpath to allow pedestrian access - Chainage 170 RHS	29/04/09	329.17	239.59	7.28%		
260		36					1B	40	SKy Relocate existing Control Box - Section 1B	29/04/09	1,274.98	945.13	7.41%		
293		37					Farrans	62	OHu Gogar Castle Road tree felling	29/04/09	1,335.51	990.00	7.41%		
294		38					Farrans	62	OHu Reinstate access ramp at Gogar Depot	29/04/09	9,798.94	7,132.21	7.28%		

2.08a Approved Change Orders

											Job Estimate Budgets			
INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Revenue	Design & Construction	Margin in %	Remarks
											1	2.00	6=5/1	
296		39					Farrans	62	OHu	Formation Level of Gogarburn Bridge West Abutment	29/04/09	13,439.93	9,782.32	7.28%
297		40					Farrans	62	OHu	Formation Level of Gogarburn Bridge East Abutment	29/04/09	8,466.27	6,162.01	7.28%
327		41				UPS	1B	40	SKy	Dye test and camera survey at Chainage 170 RHS	29/04/09	711.82	527.66	7.41%
328		42				UPS	1B	40	SKy	Reinstate slabbed footway following MUDFA works	29/04/09	1,386.54	1,027.83	7.41%
3		43				UPS	Consultation	71		Instruction to proceed with road surveys.	02/06/2009 11/10/2010	89,050.01	66,011.86	7.41%
257		44					SDS	66		Feasibility Study (Design Only) Forth Ports access to ADM Milling	29/04/09	1,624.82	1,384.00	8.52%
195		45				UPS	1B	40	SKy	Discovery of temporary pedestrian crossing lighting ducts	29/04/09	910.16	675.00	7.37%
193		46				UPS	1B	40	SKy	Discovery of Hydrant in kerb line - Chainage 333 RHS	29/04/09	449.22	333.00	7.41%
184		47				UPS	1B	40	SKy	Discovery of void around existing BT Duct - Chainage 360 RHS	29/04/09	192.37	142.60	7.41%
169		48					1C	44	SSm	Demolition of Police Box Coffee Bar - Picardy Place	29/04/09	10,615.92	7,869.47	7.41%
330		49				UPS	1B	40	SKy	Install additional gully Chainage 250 RHS	08/05/09	2,170.14	1,579.55	7.28%
157		50					Farrans	62	OHu	Survey of Existing Drainage (Gogar Landfill)	01/05/09	4,027.46	2,931.41	7.28%
324		51				UPS	5C	57	GAn	A8 Underpass Phase 1 Piling Obstructions	01/05/09	4,613.58	3,420.00	7.41%
340		52					5C	56	GAn	Edinburgh Park Bridge South Abutment Base - Existing service (cable)	01/05/09	609.69	451.95	7.42%
390		53					5B	54	GAn	Carrick Knowe chainage 520200 to 520240 - sub-grade improvement	15/05/09	98,501.39	71,694.73	7.28%
360		54				DPS	SDS	66		Alteration of Design at Forth Ports Road 8	15/05/09	11,932.54	10,164.00	8.52%
361		55				UPS	5A	61	GAn	Scottish Power Utility Diversion near Murrayfield Station	05/06/09	8,689.80	6,188.55	8.85%
167		56				UPS	5A	61	GAn	Accommodation Works to Wanderers Clubhouse Building at Murrayfield	26/05/09	191,060.84	141,631.46	7.41%
338		57					1B	40	SKy	Remove ornamental iron balls from Groat Hill Depot	03/06/09	406.26	301.15	7.42%
42		58					SDS	66		Delay and Disruption to Ravelston Tramstop Landscaping	01/06/09	2,409.05	2,052.00	8.52%
392		59					5B	56	GAn	Pier 1 Base Formation - Section 5B	03/06/09	561.45	408.65	7.28%
336		60					BSC	64	x	Extension to Site Office for tie/SDS personnel	02/06/09	150,000.00	120,096.08	0.00%
349		61					TM	21	SKy	Traffic Management contingency for Emergency Utility Works	02/06/09	404.70	300.00	7.41%
385		62					1C/D	21	SKy	Section 1C/D - Additional MASS barriers on Great Stuart Street	02/06/09	915.27	678.48	7.41%
74		63					BSC	64/65	x	Sewer Diversion, Gogar Landfill	08/06/09	1,433.79	1,213.64	8.46%
350		64					7A	62	OHu	Protected Species mitigation measures	05/06/09	9,262.22	6,862.20	7.41%
273		65					SDS-BSC	64/65/66	x	Gogarburn Retaining Wall W14 - Re-design Water Mains and Gas Main	07/07/09	1,156.57	981.36	8.49%
222		66				UPS	1B	40	SKy	Discovery of valves and a hydrant fouling the new kerb line - 120 RHS	10/06/09	617.61	457.83	7.41%
238		67					TM	21	SKy	Temporary Traffic Lights opposite Manderson Street required	04/09/09	15,084.79	11,182.21	7.41%
243		68					SDS	66		Forth Ports Substation - lack of as-built information	10/06/09	7,824.12	6,664.50	8.52%
352		69					1C/D	21	SKy	Off-peak Taxi Rank at George Street	10/06/09	2,213.71	1,641.00	7.41%
409		70					SDS	66		Forth Ports - New construction at Ocean Drive	10/06/09	2,817.60	2,400.00	8.52%
259		72					SDS-5B	54/66	GAn	Cycleway at Edinburgh Park Station repositioned outwith the LOD	15/06/09	52,094.65	39,609.70	7.53%
171		73					Consultation	71	SKy	Contract with Faber Maunsell for Transyt and Linsig Modelling Assessments.	16/06/09	64,809.00	48,043.00	7.41%
373		74				UPS	7A	62	OHu	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/TE/D/05	17/06/09	3,269.16	2,379.47	7.28%
371		75				UPS	7A	62	OHu	Transfer MUDFA Utility Diversion Sect. 5C-Conflict Schedule 5C/BT/D/05	17/06/09	855.81	622.91	7.28%
307		76					Graham	61	GAn	Contaminated Soil assessment at Haymarket Depot	11/06&20/08/09	54,986.59	40,761.00	7.41%
439		77					SDS	66		SDS' proposed office move to Edinburgh Park - IT costs	07/07/09	28,000.00	20,756.12	7.41%
203b		78					Depot	63	OHu	Structural Steelwork	15/07/09	270,372.87	196,792.25	7.28%

2.08a Approved Change Orders

											Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Revenue	Design & Construction	Margin in %	Remarks	
											1	2.00	6=5/1		
203a		79					Depot	63	OHu	Foundations	15/07/09	47,782.16	34,778.48	7.28%	
449		80					5B	21	SK	Reinstatement of Bus Link - Traffic Management	23/07/09			CO Value not issued - to be paid on Demonstrable Cost Basis	
419		82					TM-1C	21/43	SKy	Replace MASS barriers at St Andrews Square	14/08/09	22,896.58	16,973.00	7.41%	
279		84.1					SDS	66		West Pilton Tram stop	29/07/09	859.37	732.00	8.52%	
413		84.2				UPS	7A	62	OHu	Provide local protection of sewer at Chainage 711990	31/07/09	2,696.95	1,999.22	7.41%	
179		85				UPS	SDS	66		Gatehouse Works to Murrayfield Stadium Part 1	05/08/09	108,664.00	92,558.70	8.52%	
179		86				UPS	SDS	66		Gatehouse Works to Murrayfield Stadium Part 2	10/08/09	34,830.00	29,667.80	8.52%	
159a		87					BSC	64/65	x	Provisional Sum Main Contract - Relocation Ancient Monuments Abortive Costs	25/01/10	3,992.60	3,379.55	8.46%	
234		89				UPS	1B	40	SKy	Leith Walk (Section 1B) Groundworks - Move THUS ducts - Ch 345 - 365	11/09/09	6,562.03	4,864.37	7.41%	
202		90					Farrans	62	OHu	IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	12/08/09	13,368.47	9,730.32	7.28%	
472		91					SDS	66		Developed kinematic envelope (DKE) check	08/02/10	15,118.77	12,878.00	8.52%	
401		92					7A	62	OHu	Additional earthworks to western approach embankment at Gogarburn Bridge	13/08/09	36,616.19	26,651.28	7.28%	
203g		93					Depot	63	OHu	Secondary Steelwork	17/08/09	2,355.95	1,714.79	7.28%	
334		94					7A	62	OHu	Access at New Ingliston	20/08/09	5,827.59	4,282.94	7.35%	
118		96					BSC	64/65	x	IFC Drawing Change Cathedral Lane Sub Station	31/08/09	1,229.73	1,040.91	8.46%	
407		97					Depot	63	OHu	Hard material within Gogar excavation	02/09/09	35,806.89	26,062.23	7.28%	
91		98					5B	56	GAn	Reference ETN002 Edinburgh Park Structure (S27) Earthworks/Foundations.	04/09/09	52,388.71	37,750.68	7.21%	
337		99					TM-1B	21/40/71	SKy	Testing to carriageway at Leith Walk	04/09/09	15,452.46	11,454.75	7.41%	
437		102					5B	58	GAn	Carrick Knowe works outwith the LOD	23/11/09	4,323.55	3,205.00	7.41%	
304		104				DPS	1C/D	96	SSm	Provisional Sum for Extra Over for Shell Grip at Junctions	12/10/09	156,259.21	113,728.94	7.28%	Instruction of ProvSum - Current Value just partially
475		105.1				UPS	5B	57	GAn	A8 Underpass - BT works - Slew 2 way and 4 way ducts	09/10/09	94,954.28	70,144.03	7.73%	
486		105.2					SDS	66		TRO Changes September 2009		3,430.43	2,922.00	8.52%	
362		106					5B	56	GAn	Edinburgh Park Bridge - Approach Ramps additional earthworks	09/10/09	185,000.00	134,653.18	7.28%	
414		107					Graham-TM	21/61	SKy/GAn	Sample soil nailing to embankments between Russell Road & Water of Leith	09/10/09	44,718.35	33,149.26	7.41%	
431		108					5B	57	GAn	Slew existing BT duct at A8 underpass	13/10/09	22,846.79	16,934.93	7.41%	
125		109					SDS-Graham	61/66/71	GAn	Unforseen Ground Conditions at Haymarket Viaduct	22/10/09	94,317.38	68,649.54	7.28%	
191		110				UPS	1B	48	SKy	Discovery of concrete encased lighting cable - Chainage 339 RHS	28/10/09	179.57	133.51	7.19%	
242		111					SDS	66		TRO Presentations by SDS to the public during September 2008	04/11/09	23,480.00	20,000.00	8.52%	
77		112					SDS-Fargane	66	OHu	DESIGN ONLY to Amend line of route design section 5#c (Batch 5/22)	13/11/09	5,368.54	4,251.90	7.92%	
370		113					5B	56	GAn	Existing Ground levels at Edinburgh Park Bridge	23/11/09	61,851.30	47,265.35	7.63%	
203j		114					Depot	63	OHu	BDDI to IFC changes to depot access road	13/11/09	78,674.86	57,263.89	7.28%	
112		112	115				Graham	61	GAn	IFC Drawing Change Haymarket Viaduct	04/11/09	96,173.00	70,000.00	7.28%	Settlement reached during Internal DRP
001A-D		116	X				EOT1	64/65/67	x	IFC dates entered into the Schedule Part 15 (Sect 1A-1D)	04/11/09	2,225,000.00	2,022,727.27	9.09%	Settlement reached in Mediation
428		121					BSC	64/65	x	Alteration of Drainage at Eastfield Avenue to avoid a clash with Utilities	13/11/09	1,064.74	903.64	8.49%	
309		123					5B	56	GAn	Edinburgh Park Bridge (S27) - South Abutment Base Formation	25/11/09	9,494.75	7,202.65	7.56%	
85		125					1A-1	31	SKy	TNC008 - Lindsay Road Retaining Wall Cost Estimate	15/01/10	484,065.00	352,329.09	7.28%	
369		126					5C	57/71	GAn	Maintain Thus and C & W services and dismantle water main at A8 Underpass	17/12/09	20,324.64	14,793.87	7.28%	
155a		127					7A	62	OHu	IFC Drawing changes Gogarburn RTWs 14A, 15A, 15B, 15C	22/12/09	141,188.67	102,765.01	7.28%	
282		128					Graham	61	GAn	Request for instruction to deal with Japanese Knotweed - Retaining Wall W4	22/01/10	24,282.78	18,000.58	7.41%	

2.08a Approved Change Orders

											Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Revenue	Design & Construction	Margin in %	Remarks	
											1	2.00	6=5/1		
436		129					TM	21	Sky	Lothian Road pedestrian disruption	25/01/10	8,640.25	6,404.93	7.41%	
434		130					TM	21	Sky	George Street Emergency road closure	25/01/10	1,516.30	1,124.02	7.41%	
76		131					BSC	65	x	Gogar Depot Public Tramstop proposals GRIP options 4B & 4C2	13/01/10	50,000.00	42,589.44	8.52%	
146a		132	101				Graham	61	GAn	IFC Drawing Change Russell Road RTWs Wall 4	18/02/10	1,461,857.21	1,083,659.90	7.41%	Settlement reached after DRP
151		133.1					BSC	64/65	x	Excavate and replace existing BO material within existing utility trenches.	22/01/10	1,065.68	902.05	8.46%	
268		133.2					5C	57	GAn	Carry out Scottish Power Diversion at Gogar Roundabout	01/02/10	70,163.35	51,857.54	7.39%	
367		134					Graham	61	GAn	Haymarket Station - Network Rail Access Doorway	08/02/10	2,814.69	2,086.50	7.41%	
474		135					5B	54	GAn	Additional manhole requirement - Section 5B	08/02/10	7,085.74	5,157.39	7.28%	
502		136					5B	58	GAn	Additional excavation at Carrick Knowe North Abutment	08/02/10	390.94	284.55	7.28%	
088a		137				DPS	Depot	63	OHu	Power Supply Ducts Section 6	15/02/10	13,297.28	9,678.49	7.28%	
105		138	120				5B	58	GAn	IFC Drawing Change Balgreen Road Retaining Wall	15/02/10	298,574.22	217,317.92	7.28%	Settlement reached during internal DRP
517		139					Graham	61	GAn	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	22/02/10	20,005.56	14,829.92	7.41%	
203p		140					Depot	63	OHu	IFC issue drawings for alteration to Scottish Water valves - MUDFA works	31/03/10	5,365.65	3,977.50	7.41%	
399		141					7A	62	OHu	Addition of starter and capping layers in Section 7A	04/03/10	1,139,305.68	829,249.35	7.28%	Estimate provisional
402		142					5B	54	GAn	Addition of starter and capping layers in Section 5B	03/03/2010 23/02/2011	1,361,877.19	1,009,545.73	7.41%	Provisional Change Order
403		143					5C	54	GAn	Addition of starter and capping layers in Section 5C	03/03/10	930,159.34	677,020.05	7.28%	
139		144					SDS	66		Revised location of OLE poles in Section 1A at the request of CEC.	04/06/10	4,575.43	3,897.30	8.52%	
322		145					5B	58	GAn	Carrick Knowe Underbridge Piling Obstructions	13/04/11	2,744.74	2,034.65	7.41%	
60		146					SDS- Eganc	62/66	OHu	Diversion of Existing Sewer at Gogarburn Bridge - conflict with the 300 mm dia	07/07/10	36,292.29	26,778.73	7.38%	
473		147					1A	31	Sky	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	02/04/10	31,635.17	23,025.68	7.28%	
473		147A					1A	31	Sky	Construction of 3 no. sewer protection slabs and new chamber at Lindsay Road	01/09/10	-	23,025.68	-7.28%	
267a		149					5C	57	GAn	Carry out Scottish Water Diversion at Gogar Roundabout	07/05/10	83,295.35	61,746.00	7.41%	
053a		150					5C	54	GAn	TNC004 : Utilities diversions & associated works - Water main diversion only	31/03/10	112,879.89	83,676.72	7.41%	
479		153					5A	58	GAn	Proposed sewer lining at Water of Leith Bridge	04/06/10	59,708.68	44,261.44		
448		155					SDS- BSC	64/65/66	x	Change to street lighting at Haymarket Terrace	07/05/10	1,154.69	979.77	8.49%	
196		157					SDS- BSC	64/65/66	x	Little King Street works required by CEC outside the Limits of Deviation	18/05/10	2,487.75	2,111.27	8.49%	
052a		158					5B	54	GAn	TNC003-Utilities diversions & associated works	30/07/10	-	40,749.82	7.20%	
430		159					Graham	61	GAn	Additional white lining at Haymarket Station Car Park	26/05/10	3,930.65	2,913.75	7.41%	
088b		160					7A	62	OHu	Power Supply Ducts - Ingliston Park And ride Tram Stop	26/05/10	2,309.60	1,681.20	7.28%	
104		161.1	119				5A	58	GAn	IFC Drawing Change Baird Drive RTW	26/05/10	915,462.16	666,323.72	7.28%	Settlement reached after DRP
146b		161.2					Graham	61	GAn	IFC Drawing Change Russell Road RTWs Wall 3	26/05/10	370,000.00	269,306.35	7.28%	
115		162	95				5B	58	GAn	IFC Drawing Change Carrickknowe Bridge	26/05/10	138,265.23	100,637.05	7.28%	Settlement reached after DRP
543		164					TM	21		Transyt and Linsig modelling - Aecom	20/08/10	60,382.00	44,760.56	7.41%	
230		165	119				1A	31	SKy	IFC Drawing Changes - Tower Bridge Structure	18/06/10	-	189,950.85		Settlement reached after DRP
155b		166					7A	62	OHu	IFC Drawing changes Gogarburn RTWs 14B & 15D	18/06/10	12,464.28	9,072.19		
111		167	X				Farrans	62	OHu	IFC Drawing Change Gogarburn Bridge	21/06/10	176,195.40	129,486.13		Settlement reached after DRP
113		168					Graham	61	GAn	IFC Drawing Change Russell Road Bridge	16/06/10	60,174.06	43,797.99		
551a		169					Graham	61	GAn	Removal and disposal of contaminated soil at Russell Road Retaining Wall	29/07/10	397,000.00	294,292.07	7.41%	
492		170					Graham		GAn	IFC drawing changes - Haymarket Car Park	18/08/10	40,000.00	29,651.59	7.41%	

2.08a Approved Change Orders

											Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Revenue	Design & Construction	Margin in %	Remarks	
											1	2.00	6=5/1		
281		172					1C	66	Sky	Revised proposals for Cathedral Lane Sub-station	13/10/10	2,063.97	1,758.07	8.52%	
517a		173					Graham	61	GAn	Scottish Power Utility Diversion 5A/SP/D/05 at Russell Road Retaining Wall	27/08/10	16,738.62	12,408.17	7.41%	
289		174					1A	66		Cycleway change at Hawthornevale - Section 1A4	08/10/10	6,199.68	5,280.82	8.52%	
292		175					1A	31/66	Sky	Additional Ramp / Steps at Lindsay Road Retaining Wall - Section 1A4	08/10/10	2,168.28	1,656.62	7.64%	
499		179					SDS	66		Frederick Street pedestrian crossing	30/09/10	17,638.18	15,024.00	8.52%	
116		180.1					5A	58	GAn	IFC Drawings Water of Leith Bridge	03/09/10	20,000.00	14,825.80	7.41%	
97		180.2					5A	66		Design on Balgreen Road Bridge	04/02/11	2,448.00	2,085.18	8.52%	
258a		182					SDS	66		Future Proofing on behalf of New Ingliston Ltd and Highland Properties Ltd	10/09/10	5,140.00	4,378.19	8.52%	
441a		183					2A,5ABC	54	GAn	Site investigation contamination	22/09/10	50,000.00	37,064.49	7.41%	Provisional Change Order
76		184					SDS	66		Design for Edinburgh Gateway	22/09/10	519,439.06	442,452.35	8.52%	BB portion only
158		186				UPS	Graham	61	GAn	Provisional Sum - Provide Crew Relief Facilities at Haymarket Station Viaduct	22/09/10	148,002.24	109,712.56	7.41%	
433		187					Graham	21	GAn	Traffic management at Verity House Access Road	11/10/10	10,841.52	8,037.00	7.41%	
167c		188					5A	61	GAn	Further Changes to Wanderer's Clubhouse Building at Murrayfield - radiators	06/10/10	2,063.97	1,530.00	7.41%	
074a		189					7A	62	OHu	Gogar Landfill Embankment Sewer Diversion - Flexible Sleeve	08/10/10	2,894.39	2,145.58	7.41%	
653		191					7A	62	OHu	Badger Sett Removal	08/10/10	1,839.51	1,363.61	7.41%	
201		192	118				5C	58	GAn	IFC Drawing changes - Depot Access Bridge	15/02/2010 22/10/2010	1,230,624.88	912,249.73	7.41%	
108		193					5C	54	GAn	BDDI to IFC changes Gyle Tram Stop	11/10/10	26,424.41	19,393.58	6.67%	
404		194					5B	54	GAn	Section 5B BDDI-IFC Drainage Ditches	13/04/11	- 5,573.66	- 4,131.70	7.41%	
655		195					7A	66	OHu	Relocate drainage from A8 at Gogar Interchange	13/10/10	26,820.62	22,845.50	8.52%	
420		196					1B	21	SKy	Leith Walk Gyratory System	08/10/10	5,036.91	3,733.81	7.41%	
660		197					7A	66	OHu	Topographical survey for Burnside Road	15/10/10	2,879.82	2,453.00	8.52%	
321		198					1C	66	Sky	Rev Alignment Picardy Place, York Place, London Road Junctions	20/10/10	50,000.00	42,589.44	8.52%	
500		198					1C	66		Picardy Place - redesign north side to incorporate a fourth lane eastbound	20/10/10	50,000.00	42,589.44	8.52%	
602		199					5B	54	GAn	Bus Gate - Unforeseen ground conditions - existing foul water manhole	20/10/10	3,846.37	2,851.28	7.41%	
583		200					1C/D	21	Sky	Part reinstatement of Princes Street contingency route	29/10/10	21,946.88	16,269.00	7.41%	
315		201	117				7A	62	OH	IFC Drawing Changes - Drainage - Gogarburn to Airport	10/02/2010 09/11/2010	997,068.00	739,116.38	7.41%	
359		202					1D	52	Sky	Haymarket Junction- Underground Chamber at Clifton Terrace	29/10/10	92,836.17	68,818.51	7.41%	
559		203					5C	57	GA	A8 Underpass Scottish Gas Main Diversion	09/11/10	2,263.62	1,678.00	7.41%	
578		204					5C	57	GA	A8 Underpass - Phase 2 - Piling obstructions	11/11/10	9,480.91	7,028.10	7.41%	
595		205					2A	61	GA	Haymarket Station - additional works to Network Rail access door	19/11/10	1,821.15	1,350.00	7.41%	
558		206					5C	21	SK	South Gyle Access Bridge Hire of TM Equipment	24/11/10	24,530.65	18,184.32	7.41%	
148		208					5A	58	GA	IFC Drawing Change Balgreen Road Underbridge (S22b)	07/12/10	-	-		
199		208					5A	58	GA	IFC Drawing changes - Balgreen Bridge S22a	07/12/10	- 84,000.00	- 62,268.35	7.41%	
283		209					5B	56	GA	Edinburgh Park Bridge (S27) - Pier 3 Base Formation	11/11/10	8,810.74	6,531.31	7.41%	
654	109	210					5C	66	OH	Additional Tram stop at Gogar to be named "Edinburgh Gateway"	11/11/10	2,207.12	1,880.00	8.52%	
679	113	211					1A	31	SK	Tower Place Bridge Diversion	11/11/10	10,779.53	7,990.76	7.41%	
568		222					2A	66	GA	Topographical survey at Scotrail Depot	22/12/10	1,810.90	1,542.50	8.52%	
706		212					1A	21/31	SK	Tower Place Bridge - Sequence of works	18/11/10	65,572.74	48,608.41	7.41%	
722		213					5A	66	GA	Murrayfield Accommodation Works	22/12/10	5,858.26	4,990.00	8.52%	

2.08a Approved Change Orders

											Job Estimate Budgets			
INTC	TNC	TCO	DRP	EOT only	SDS only	PS	Section Activity	QS	Description	Date of Approval	Revenue	Design & Construction	Margin in %	Remarks
											1	2.00	6=5/1	
342	040	216					5B 54	GA	Transfer of private utility diversions from MUDFA at Edinburgh Park	19/11/10	1,535.82	1,138.49	7.41%	
690		217					1A 31/66	SK	TPB - East Approach Embankment Archaeological Discovery - Less scope/Design	25/02/11	11,374.93	8,432.12	7.41%	
262ab		220	214				5B 54	GA	BDDI to IFC Drawing Changes - Section 5B - Track Drainage	17/11/2010 22/12/2010	1,755,603.80	1,301,411.27	7.41%	
335		221	215				5C 54	GA	IFC to IFC Drawing Changes - Section 5C - Track Drainage	17/11/2010 22/12/2010	162,835.60	120,708.38	7.41%	
693		223					5C 54	GA	Discovery of underground petrol tank at National Car Rental Site.	26/01/10	2,429.77	1,801.16	7.41%	
671		224					5C 57	GAn	A8 Underpass Phase 4 - Ducts on south side	01/04/11	7,934.58	5,881.82	7.41%	
669		225					5B 54	GA	Busgate Drainage - Ground Conditions	07/03/11	4,275.00	3,169.01	7.41%	
562		227					5C 22/66	SK	Gogar Roundabout - Lighting Scheme	25/02/11	14,781.31	10,957.23	11.99%	
640		228				UPS	2+5 71/65	GA	Undefined Provisional Sum - Possession Protection Staff	25/02/11	65,624.85	48,647.03	7.41%	
640b		228				UPS	2+5 71/65	GA	Undefined Provisional Sum - Possession Protection Staff	25/02/11	4,547.48	3,371.00	7.41%	
708		233					2A 61	GA	Diversion of LV Services in Footpath Haymarket Terrace	11/03/11	7,949.45	5,892.85	7.41%	
606		234					1A 31	SK	TPB - East Approach Embankment Archaeological Discovery - Stillstand	25/02/11	229.69	170.27	7.41%	
107		235	118				5B 58	GA	IFC Drawing Change Bankhead RTW	09/12/10	65,906.00	48,855.45	7.41%	
110		236	218				5B 58	GA	IFC Drawing Change South Gyle Access Bridge	07/12/10	153,122.00	113,507.78	7.41%	
646		238					5C 57	GAn	A8 Underpass Phase 4 - Piling Obstructions	18/04/11	26,976.63	19,997.50	7.41%	
302A		239					2A 21/61/71	GA	Russell Road Bridge - Protection of Gas Mains - Investigation only	02/03/11	28,985.32	21,486.52	7.41%	
SWC1		SWC1					2A 61		Haymarket Viaduct removal of Scottish Power cable and containment	04/05/10	2,885.63	2,139.08	7.41%	
601		SWC2					5B 54	GAn	Bus Gate - Unforeseen ground conditions - existing Scottish Power LV cable	20/10/10	2,459.28	1,823.04	7.41%	
SWN1		SWN/EG/001					5C 54		Edinburgh Gateway - Enabling works cable diversion	02/11/10	3,777.20	2,800.00	7.41%	
SWN7		SWN007					2A 61	GA	Haymarket Yards Verity House Hard Standing	11/11/10				
668		SWN008					5B 54	GA	Busgate: Scottish Power HV Cable Clash with Drainage	11/11/10				
429			X				EOT2a 64/65/67	x	Issue of MUDFA Programme Revision 8	13/11/09	6,600,000.00	6,000,000.00	9.09%	Referred to dispute
N/A							72		Further accepted values on unapproved changes by tie/client	31/03/11	2,562,009.00	1,899,191.25	7.41%	
										TOTALS	46,086,444.59	37,548,911.87	7.14%	

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42,795,414.14

2.08b Unapproved Changes

										Assessment			Status on unapproved changes			Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks
2						7A		OH	Instruction to proceed with The Hilton Hotel Car Park (Letter PRO.Infraco.2110 dated 09/05/08) is work in respect of Undefined Provisional Sum Item 1 Accommodation Works, in	102,845	66,849	46,280	102,845	X		66,849	49,555	7.41%	100%	
4				1		5A		DG	Received the letter PRO.Infraco.2107 dated 9 May 2008 instructing us to proceed with Russel Road Bridge in advance of receiving IFC drawings which is a notified departure and											
5				1		2A		DG	Received the letter PRO.Infraco.2108 dated 9 May 2008 instructing us to proceed with Haymarket Viaduct in advance of receiving IFC drawings which is a notified departure and											
6				1		7A		OH	Received the letter PRO.Infraco.2109 dated 9 May 2008 instructing us to proceed with Gogarburn 'Bridge' in advance of receiving IFC drawings (read as Surcharge subject to the											
9				1		7A		OH	The GUARD archeological dig currently ongoing in the area of Gogar Tramstop is delaying and disrupting the Infraco in accessing Gogar Landfill and establishment of the site offices											
10				1		5C		DG	The GUARD archeological dig currently ongoing in the area of Gogar Tramstop is delaying and disrupting the Infraco in accessing and establishment of the site offices for Section 5C											
12				1		7A		OH	The GUARD archeological dig currently ongoing in the area of Gogar Tramstop is causing damage to the tram corridor between Ch 710000-710300. This area will need to be made.											
17a				1		5B		DG	Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to conflict with the 1500mm dia. Deep sewer under the MUDFA Contract with the South Gyle	72,604	47,192	32,672	72,604		47,192	34,993	7.41%	100%		
18						6		OH	Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MUDFA Contractor not having completed the various Utility Diversions in the Depot area in	44,746	29,085	20,136	44,746							
22				1		2A		DG	Notified Departure in accordance with paragraph 3.4.37 and 3.5 Schedule Part 4 due to the Asbestos Survey to be carried out by tie and the presence of Asbestos in the existing Steps											
24				1		2A		DG	Instruction to proceed with Verity House Access Road pre IFC											
25				1		2A		DG	Instruction to proceed with the demolition of Caley Ale House pre IFC											
26				1		1C		SK	Delay to Issue of Pleadings (Batch 1/13) to CEC for Prior Approval notified by SDS in attached letter ULE90130-01-LET-00672 dated 4 June 2008 in accordance with Schedule											
27				1		1D		SK	Delay to Issue For Construction (IFC) Submissions - Section 1D due to changed approval periods notified by SDS in attached letter ULE90130-01-LET-00671 dated 4 June 2008 in											
28				1		1B		SK	Delay to Issue For Construction (IFC) Submissions - Section 1B due to changed approval periods notified by SDS in attached letter ULE90130-01-LET-00670 dated 4 June 2008 in											
32				1		5B		DG	CEC failure to approve within agreed timescales as SDS Letter 00257 in accordance with Schedule Part 4 paragraph 3.4.5.1											
33				1		5A		DG	Network Rail failure to approve within agreed timescales as SDS Letter 00266 in accordance with Schedule Part 4 paragraph 3.4.27											
34				1		1D		SK	New Requirements introduced by Public Realm Design Workbook as SDS Letter 00648 in accordance with Schedule Part 4 paragraph 3.4.43											
36				1		3		DG	Delay and Disruption to Crew Road Gardens Bridge IFC as SDS Letter 00239 in accordance with Schedule Part 4 paragraph 3.4.5.1											
37				1		3		DG	Delay and Disruption to Roseburn Terrace Bridge, Roseburn Tramstop, Roseburn Retaining Walls IFC as SDS Letter 00238 in accordance with Schedule Part 4 paragraph 3.4.1.3											
38				1		SW		DG	Delay and Disruption to Roads detailed design as SDS Letter 01074 in accordance with Schedule Part 4 paragraph 3.4.5.1											
39				1		1D		SK	Delay to Shandwick Place Tram Stop Batch (1/16) Validation as SDS Letter 00646 in accordance with Schedule Part 4 paragraph 3.4.5.1											
40				1		SW ON		SK	Delay and Disruption to Ground Investigation as SDS Letter 00647 in accordance with Clause 18 and Clause 65											
41				1		3		DG	Delay and Disruption to Ravelston Tramstop, Ravelston Dykes Bridge, Roseburn Retaining Walls as SDS Letter 00241 in accordance with Schedule Part 4 paragraph 3.4.1.3											
44	1					1A		SK	TNC001 : Amendments to Ocean Terminal Layout	146,451	95,193	65,903	146,451	X						
45				1		1B		SK	Delay and Disruption due to amended design for A25920 - Bailour Street Tram Stop as SDS Letter 00701 in accordance with Schedule Part 4 paragraph 3.4.1.3											
46				1		1B		SK	Delay and Disruption due to amended design for SDS250040 - 1B Roads, Street Lighting, Landscaping and Drainage as SDS Letter 00701 in accordance with Schedule Part 4											
47				1		1A		SK	Delay and Disruption due to amended design for SDS24720 - Issue Roads Design to Roads Authority for Approval Section 1A1, SDS87870 - Issue Roads Design to Roads Authority for											
49	6					1A		SK	TNC 6 : Bernard Street Public Realm Works	1,306,728	849,373	588,028	1,306,728	X	720,357					
54	7					1C		SK	TNC007 : St Andrew Square Public Realm Works as CEC specification [Draft]. Site forming extended area over Infraco contract. Issued with drawings & Specification Volume 2 Part 7.	11,407,670	7,414,985	5,133,451	11,407,670	X	4,170,130					
55				1		3		DG	Delay and Disruption due to late approval by CEC of SDS27980 - 3C Roads, Street Lighting, Landscaping as SDS Letter 00256 dated 8th July 2008 and in accordance with											
56				1		1A		SK	Delay and Disruption by CEC due to late registering Section 1A Batch 1/06 (Foot of the walk tramstop and associated line of route) as SDS Letter 00721 dated 11th July 2008 and in											
57				1		1D		SK	Delay and Disruption due to late approval by CEC of Section 1D as SDS Letter 00722 dated 7th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3											
58				1		1D		SK	Delay and Disruption due to notification from CEC with respect to road safety Auditors comments for Haymarket Area of Section 1D as SDS Letter 00733 dated 11th July 2008 and											
61					1	7A		OH	Infraco to investigate proposals for the re-use of the RBS Bundled Material within the final design	99,679	64,791	44,855	99,679	X	55,961	64,791	48,029	7.41%	100%	
63						SW		GA	Tensioning of Overhead Contact System: tensioning method, comprising an Auto Tensioned Trolley Wire for the street running areas					X						
64	9					1A		SK	TNC009 : Ocean Terminal Revised Finishes	4,166	2,708	1,875	4,166	X						
65					1	5A		GA	Murrayfield Stadium Retaining Walls Introduce visual pattern to Murrayfield RTW	2,797	1,818	1,259	2,797	X	1,818	1,348	7.41%	100%		
66a					1	5C		OH	Revised Specification (RBS) Gogarburn Tramstop version 2	8,231	5,350	3,704	8,231							
66b					1	5C		OH	Revised Specification (RBS) Gogarburn Tramstop version 2											
67					1	5A		GA	Murrayfield Tramstop Provision of secondary staircase	32,202	20,931	14,491	32,202	X	20,931	15,516	7.41%	99%		

2.08b Unapproved Changes

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks		
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %				
68				1		SW OFF		DG	Delay to issue of Edinburgh Park - Earthworks and Drainage IFC Drawings as a result of delayed drainage consents.	-	-	-	-	-	-	-	-	-	-			
69				1		5B		GA	Gyle Stop retaining Walls	-	-	-	-	-	-	-	-	-	-	-		
71				1		1B		SK	FoW to Balfour Street IFC Drawings (As 68)	-	-	-	-	-	-	-	-	-	-	-		
72				1		2A		GA	Haymarket to Roseburn Junction - SW Consent Issue (as 68)	-	-	-	-	-	-	-	-	-	-	-		
76a						5C		GA	Gogar additional tram stop revised scope	119,178	77,466	53,630	119,178	X	-	-	-	-	-	-		
76b	15A					5C		GA	Edinburgh Gateway Project	0	0	0	-	-	0	-	-	-	-	-	-	construction part on
78					1	7A		OH	Design Only for Alterations to design of Edinburgh Airport Tramstop and retaining wall design at Jubilee Road.as tie letter INF_CORR 072 dated 5th August 2008	48,174	31,313	21,678	48,174	X	-	31,313	23,212	7.41%	99%	-		
79				1		1D		SK	Instruction from CEC to design an alternative layout for Haymarket Junction	51,722	33,619	23,275	51,722	X	-	33,619	24,922	7.41%	100%	-		
80					1	7A		0	Gogarburn Retaining Wall - CEC requesting change to the finish of the wall as per PB letter ULE901330-07-LET-00369 dated 3 September.	4,553	2,959	2,049	4,553	X	-	2,959	2,194	7.41%	91%	-		
81					1	SW		SK	Environmentally Friendly Lighting - CEC have requested using 42 watt pit lamp rather than the 70 watt CDO (white light) as per PB letter ULE90130-SW-LET-01184 dated 3 September	10,564	6,866	4,754	10,564	X	-	6,866	5,090	7.41%	100%	-		
86	10					SW ON		SK	MUDFA TO INFRAGO transfer of Utilities Diversion Section 1A, 1B, 1C and 1D	2,500,000	1,625,000	1,125,000	-	-	2,500,000	-	-	-	-	-	-	
89					1	1B		SK	Balfour Street Crossing	8,796	5,717	3,958	8,796	X	-	5,717	4,238	7.41%	100%	-		
93					1	1A		SK	Lindsay Road, Ocean Drive, Ocean Terminal & Tower Place Planning Permission	47,637	30,964	21,437	47,637	X	-	-	-	-	-	-	-	
94					1	7A		OH	Hilton Hotel Full Planning	10,976	7,134	4,939	10,976	X	-	-	-	-	-	-	-	
96						1D		SK	Shandwick Place DED preferential Treatments	321,676	209,089	144,754	321,676	X	-	209,089	154,996	7.41%	100%	-		
98				1		SW		DG	Notified Departure due to the issue of SDS Design programme V32.	-	-	-	-	-	-	-	-	-	-	-	-	
99				1		SW		DG	Notified Departure due to the issue of SDS Design programme V33.	-	-	-	-	-	-	-	-	-	-	-	-	
100				1		SW		DG	Notified Departure due to the issue of SDS Design programme V34.	-	-	-	-	-	-	-	-	-	-	-	-	
101				1		SW		DG	Notified Departure due to the issue of SDS Design programme V35.	-	-	-	-	-	-	-	-	-	-	-	-	
103			237			5C		GA	IFC Drawing Changes - AB Underpass	861,128	559,733	387,508	861,128	X	-	559,733	414,925	7.41%	16%	-		
106						5A		GA	IFC Drawing Change Murrayfield Stadium RTW	546,492	355,220	245,921	546,492	X	-	-	-	-	-	-	-	
109			120			5A		GA	IFC Drawing Change Murrayfield Underpass	134,299	87,294	60,434	134,299	X	-	25,930	-	-	-	-	-	
113a						2A		0	Russell Road Bridge Temporary Works - Soil Nailing	161,162	104,755	72,523	161,162	X	-	-	-	-	-	-	-	
114						5A		GA	IFC Drawing Change Roseburn Viaduct	200,000	130,000	90,000	-	-	200,000	-	-	-	-	-	-	
117						5A		GA	Extra Demolition required at Russell Road Retaining wall to Roseburn Street Units & Roseburn Garage.	0	0	0	-	-	0	-	-	-	-	-	-	
120				1		1B		SK	IFC Drawings Demolition and reinforcing of existing building for Leith Walk Sub Station .sub station now positioned in area of building to be demolished	-	-	-	-	-	-	-	-	-	-	-	-	
122				1		1A		SK	Delay in receipt of CEC prior approval Sections 1A1 & 1A2	-	-	-	-	-	-	-	-	-	-	-	-	
123					1	1A		SK	Forth Ports Agreement and Design Completion	55,395	36,007	24,928	55,395	X	-	36,007	26,692	7.41%	99%	-		
124						SW OFF		DG	Requirement for Principal Contractors License for Network Rail Related Works	1,136,898	738,994	511,604	1,136,898	X	-	-	-	-	-	-	-	
129				1		1A		SK	CEC's Request for Extension of Time for Prior Approvals 1/01a, 1/01b and 1/01c	-	-	-	-	-	-	-	-	-	-	-	-	
130				1		7A		OH	Delay to issue of IFC Drawings for Ingliston Park and Ride Tram Stop	-	-	-	-	-	-	-	-	-	-	-	-	
138					1	5A		GA	Design the piled foundations to the Water of Leith Bridge to avoid the existing 950 x 1200mm egg shaped combined sewer	32,068	20,844	14,431	32,068	X	-	20,844	15,452	7.41%	100%	-		
140				1		1A		SK	Delay to issue of IFC Drawings for: Part of Leith Tram Stop	-	-	-	-	-	-	-	-	-	-	-	-	
143					1	5C		GA	CEC's intent to adopt private roads between Looside Crescent and Looside Avenue.	46,032	29,921	20,714	46,032	X	-	29,921	22,180	7.41%	100%	-		
143b						5C		0	Works to Junction 204 to facilitate adoption by CEC	106,367	69,138	47,865	106,367	X	-	57,800	-	-	-	-	-	
147						5A		GA	IFC Drawings Change Murrayfield Training Pitches Retaining Wall	454,039	295,125	204,318	454,039	X	-	70,946	-	-	-	-	-	
149						7A		OH	Removal and deposition of material from previous works section 7as per sketch	99,482	64,663	44,767	99,482	X	-	64,663	47,934	7.41%	100%	-		
152						SW OFF		GA	IFC Drawing changes Vertical and horizontal Alignment Section 5. Sheets 1 to 26	39,845	25,899	17,930	39,845	X	-	-	-	-	-	-	-	
153						5B		GA	IFC Drawing changes Soft Landscaping Section 5 sheets 1 to 26	326,102	211,966	146,746	326,102	X	-	-	-	-	-	-	-	
154						SW OFF		GA	IFC Drawing changes OLE Section 5 sheets 1 to 13.	170,079	110,551	76,535	170,079	X	-	110,551	81,950	7.41%	9%	-		

2.08b Unapproved Changes

										Assessment			Status on unapproved changes			Job Estimate Budgets					
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks	
155						5B		GA	IFC Drawing changes Tramstops Balgreen Edinburgh Park Saughton and South Gyle	48,095	31,262	21,643	48,095	X	-	-	-	-			
160						5B		GA	IFC Drawing changes - Edinburgh Park Bridge	282,668	183,734	127,200	282,668	X	-	183,734	136,200	7.41%	85%		
162	20					SW		SK	Bus Tracker, TPDS and Radio	-	-	-	-	X	-	-	-	-			
163	25				1	2A		GA	Haymarket Taxi Stance	26,215	17,040	11,797	26,215	X	-	17,040	12,632	7.41%	100%		
164				1		SW ON		SK	Delayed Listed Building Consent Applications	-	-	-	-	-	-	-	-	-			
165				1		1A		SK	Delayed issued of IFCs for Section 1A4	-	-	-	-	-	-	-	-	-			
167a						5A		GA	Further changes to Wanderers Clubhouse Building at Murrayfield	25,597	16,638	11,519	25,597	X	-	16,638	12,334	7.41%	100%		
167b	108					5A		GA	Further changes to Wanderers Clubhouse Building at Murrayfield - additional radiators	12,775	8,304	5,749	12,775	X	-	8,304	6,156	7.41%	100%		
172	23				1	SW		DG	Traffic Modelling - Pedestrian Crossing Timings Standard	42,844	27,849	19,280	42,844	X	-	27,849	20,644	7.41%	100%		
174						1B		SK	Discovery of new BT ducts under kerb line in Section 1B	0	0	0	0	X	-	-	-	-			
178				1		SW		DG	Provisional Sums: Mandatory Ite Change: Defined no.s 12 & 13	-	-	-	-	-	-	-	-	-			
182					1	7A		OH	Edinburgh Airport Tramstop Kiosk	13,175	8,564	5,929	13,175	X	-	8,564	6,348	7.41%	100%		
185						1B		SK	Discovery of Thus Ducts and Gas Main - Chainage 374 RHS	0	0	0	0	X	-	-	-	-			
188						5B		GA	Contaminated Material at Carricknowe	14,488	9,417	6,520	14,488	X	-	9,417	6,981	7.41%	100%		
189						1B		SK	Discovery of Low Voltage Cable in Road Formation	1,000	650	450	-	-	1,000	-	-	-			
190						1B		SK	Discovery of Gas Main - Chainage 353 RHS	0	0	0	0	X	-	-	-	-			
194						1B		SK	Discovery of Duct Crossings - Chainage 268 RHS	0	0	0	0	X	-	-	-	-			
197					1	5B		GA	Cycle path near Gyle tramstop. Widening of shared cycleway/footway required by CEC outside the Limits of Deviation.	11,700	7,605	5,265	11,700	X	-	7,605	5,638	7.41%	100%		
203					1	6		OH	IFC Drawing changes - Gogarburn Depot	-	-	-	-	-	-	-	-	-			
203AA						6		OH	BDDI to IFC Tram Wash Plinth Change	6,935	4,506	3,121	6,935	X	-	4,506	3,342	7.41%	100%		
203AB 16						6		OH	BDDI to IFC Introduction of Air Conditioning to Meeting and Training Rooms	-	-	-	-	-	-	-	-	-			
203AC						6		0	BDDI to IFC Suspended Ceiling to Battery Room Change	1,631	1,060	734	1,631	X	-	1,060	786	7.41%	100%		
203AD 28						6		0	BDDI to IFC External Lighting Hinge Column Change	47,187	30,672	21,234	47,187	X	-	-	-	-			
203AD 29						6		0	BDDI to IFC Additional Disabled Toilet Alarm GF Room 25 Change	275	179	124	275	X	-	179	132	7.41%	100%		
203 AD 30						6		0	BDDI to IFC Additional roller Shutter Door Supplies and Fire Alarm Interfaces Change	4,933	3,206	2,220	4,933	X	-	3,206	2,377	7.41%	100%		
203AF						6		0	Maintenance Pits Steel Plinths	69,589	45,233	31,315	69,589	X	-	45,233	33,530	7.41%	100%		
203AE						6		0	IFC Issue of Drawings for Internal Staircase Change	5,000	3,250	2,250	-	-	5,000	3,250	2,409	7.41%	100%		
203AG						6		0	Change to Depot Service Yard	132,305	85,998	59,537	132,305	X	-	85,998	63,750	7.41%	100%		
203AH						6		0	Acc Drainage Channels to Hard Standing	133,280	86,632	59,976	133,280	X	-	-	-	-			
203AI						6		OH	BDDI to IFC External Traction, Power and Communications Ducting Change	50,000	32,500	22,500	-	-	50,000	-	-	-			
203AJ						6		0	BDDI to IFC Changes to the Road/Rail Crossing	2,571	1,671	1,157	2,571	X	-	-	-	-			
203AN						6		OH	IFC Rev 7 to IFC Rev 11 Drainage Changes	122,715	79,765	55,222	122,715	-	-	-	-	-			
203AS						6		OH	BDDI to IFC Depot Building Rheda City C Trackform Change	62,244	40,458	28,010	62,244	-	-	-	-	-			
203c						6		OH	Hard Landscaping	196,717	127,866	88,523	196,717	-	-	-	-	-			
203f						6		OH	Soil Nailing and Soil Reinforcement Works	458,788	298,213	206,455	458,788	-	-	-	-	-			
203h1						6		OH	Drainage - BDDI to IFC Change	-	-	-	12,376	-	12,376	-	-	115,848	-	90%	
203h2						6		OH	Drainage - BDDI to IFC Change	144,506	93,929	65,028	144,506	-	-	195,356	93,929	69,629	7.41%	100%	
203k1						6		OH	Piling to OLE poles - IFC Drawings	390,629	253,909	175,783	390,629	-	-	253,909	188,220	7.41%	100%		
203k2						6		OH	Increase on number of OLE bases - BDDI to IFC	69,245	45,009	31,160	69,245	-	-	45,009	33,385	7.41%	100%		
203l1						6		OH	IFC Issue drawings for reinforcement to pit walls	57,059	37,089	25,677	57,059	-	-	37,089	27,493	7.41%	100%		

2.08b Unapproved Changes

										Assessment			Status on unapproved changes			Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks
203i3						6		OH	IFC Issue drawings for Introduction of waterproof concrete	76,076	49,450	34,234	76,076	-	-	49,450	36,656	7.41%	100%	
203m						6		OH	IFC Issue drawings for installation of incoming gas main	97,473	63,358	43,863	97,473	-	-	63,358	46,966	7.41%	100%	
203n						6		OH	IFC to IFC drainage changes - attenuation tank	86,118	55,977	38,753	86,118	-	-	55,977	41,495	7.41%	100%	incl. in 203i2
203q						6		OH	IFC Issue drawings for earthing and bonding	78,859	51,258	35,486	78,859	-	-	51,258	37,997	7.41%	100%	
203q2						6		OH	Supply and installation of lightning protection to roof all as per attached CVI	65,077	42,300	29,285	65,077	-	-	-	-	-	-	
203q3						6		0	Lightning protection system and Earthing & Bonding	17,994	11,896	8,097	17,994	-	-	-	-	-	-	
203s						6		OH	IFC drawing Change - revised specification for Kaba Doors	152,505	99,128	68,627	152,505	-	-	99,128	73,483	7.41%	95%	
203t						6		OH	IFC drawing Change to the sub-station slab	16,356	10,632	7,360	16,356	-	-	10,632	7,881	7.41%	100%	
203u						6		OH	IFC Issue drawings for Smoke Vents	19,025	12,366	8,561	19,025	-	-	-	-	-	-	
203u2						6		OH	BDDI to IFC Changes to Fire Rating Timber Doors	28,177	18,315	12,680	28,177	-	-	18,315	13,577	7.41%	100%	
203v						6		OH	IFC drawing Change to Drainage revision 6 - IFC to IFC	153,955	100,071	69,280	153,955	-	25,022	100,071	74,182	7.41%	75%	
203w						6		OH	IFC drawing Change to blockwork reinforcement	135,992	88,395	61,196	135,992	-	-	88,395	65,526	7.41%	100%	
203x						6		OH	Wind post changes - BDDI to IFC	23,430	15,229	10,543	23,430	-	-	15,229	11,289	7.41%	100%	
203z						6		OH	Change to structural steel support to sliding screens in offices	6,950	4,517	3,127	6,950	-	-	4,517	3,349	7.41%	100%	
204						5B		GA	IFC Drawing changes - Roads , Street lighting , Drainage Section 5B	383,256	249,117	172,465	383,256	X	172,398	249,117	184,668	7.41%	23%	
205						5C		GA	IFC Drawing changes - Roads , Streetlighting , Drainage Section 5C	545,986	354,891	245,694	545,986	X	43,566	-	-	-	-	
208						1B		SK	Leith Walk Christmas Embargo	250,038	162,524	112,517	250,038	X	130,708	162,524	120,478	7.41%	100%	
209						1B		SK	IFC Drawing changes - McDonald Road and Balfour Street Tram Stops	12,697	8,253	5,713	12,697	X	-	-	-	-	-	
210a						1B		SK	IFC Drawing changes - Road , Street Lighting, Landscaping and Drainage Section 1B	1,822,402	1,054,561	730,081	1,822,402	X	-	-	-	-	-	
210b						1B		SK	Section 1B - IFC drawing changes - Drainage	103,381	67,196	46,521	103,381	X	-	-	-	-	-	
210d						1B		0	Section 1B - IFC drawing changes - Street lighting Ducting	36,706	23,859	16,518	36,706	X	-	-	-	-	-	
210h						1B		0	Section 1B - IFC drawing changes - Road Restraint Systems	469	305	211	469	X	-	-	-	-	-	
211						2A		GA	IFC Drawing changes - Haymarket Tram Stop	65,467	42,554	29,460	65,467	X	-	-	-	-	-	
212						2A		GA	IFC Drawing changes - Roads and Street Lighting, Landscaping and Drainage Section 2A	269,338	175,070	121,202	269,338	X	49,816	-	-	-	-	
213						2A		GA	IFC Drawing changes - Haymarket Station Substation	15,846	10,300	7,131	15,846	X	-	-	-	-	-	
215	30					1B		SK	Demolition and alteration of existing Bus Depot at Leith Walk	251,679	163,591	113,256	251,679	X	-	-	-	-	-	
217						1B		SK	Discovery of Thus ducts above formation level and fouling kerb line - Chainage 250 RHS.	5,000	3,250	2,250	-	-	5,000	-	-	-	-	
219	62					1B		SK	Discovery of Hydrant above formation level - Chainage 177 RHS	-	-	-	-	X	-	-	-	-	-	
227					1	2A		GA	Operational Design Review of Haymarket - changes arising	-	-	-	-	-	-	-	-	-	-	
228						1C		SK	Relocation of bus stop outwith LOD at Princes Mall	1,929	1,254	868	1,929	X	1,161	-	-	-	-	
231						1C		SK	IFC Drawing Changes - Section 1C drainage	10,000	6,500	4,500	-	-	10,000	-	-	-	-	
232a						1C		SK	Changes to Roads Design Section 1C (exc Picardy & York Pl & Princes Street)	1,896,703	1,232,857	853,516	1,896,703	X	-	-	-	-	-	
232b						1C		SK	Changes Kerbs & footways design Section 1C (exc Picardy & York Pl & Princes Street)	1,404,713	913,064	632,121	1,404,713	X	-	-	-	-	-	
232c						1C		0	Section 1C (Princes St) highway surfacing as executed during PSSA works	815,198	529,879	366,839	815,198	X	-	-	-	-	-	
233						1C		SK	IFC Drawing Changes - Section 1C lighting layout	5,000	3,250	2,250	-	-	5,000	-	-	-	-	
235						1B		SK	Leith Walk (Section 1B) Groundworks - Move BT ducts fouling kerblane to new loading bay Ch 345 - 365	0	0	0	0	X	-	-	-	-	-	
236					1	7A		OH	Options for drainage outfall consent at the Airport	-	-	-	-	-	-	-	-	-	-	
240						1B		SK	Removal and Reinstatement of BT Phone Box	8,267	5,374	3,720	8,267	X	-	-	-	-	-	
244						SW ON		SK	Building Fixing Owner Agreements - Information required to support Court Proceedings (Clause 20.8 of Infraco Contract).	16,747	10,886	7,536	16,747	X	-	10,886	8,069	7.41%	21%	
246				1		SW		DG	Notified Departure due to the issue of SDS Design programme V36.	-	-	-	-	-	-	-	-	-	-	

2.08b Unapproved Changes

										Assessment			Status on unapproved changes			Job Estimate Budgets						
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks		
247				1		SW		DG	Notified Departure due to the issue of SDS Design programme V37.	-	-	-	-	-	-	-	-	-				
248				1		SW		DG	Notified Departure due to the issue of SDS Design programme V38.	-	-	-	-	-	-	-	-	-				
249				1		SW		DG	Notified Departure due to the issue of SDS Design programme V39.	-	-	-	-	-	-	-	-	-				
250						1B		SK	Leith Walk - Chainages 100-350 - additional work carried out during "embargo" period	62,441	40,587	28,098	62,441	X	21,655	40,587	30,086	7.41%	100%			
251						1C		SK	IFC Drawing Changes - Section 1C OLE Layout	0	0	0	-	-	0	-	-	-				
252						1C		SK	IFC Drawing Changes - Section 1C Track Horizontal Alignment	0	0	0	-	-	0	-	-	-				
253						1C		SK	IFC Drawing Changes - Section 1C Track Vertical Alignment	0	0	0	-	-	0	-	-	-				
255						1C		SK	Removal by others of materials from central reserve on Princes Street	0	0	0	-	-	0	-	-	-				
261						1B		SK	IFC Drawing Changes - Section 1B - Balfour Street Tram Stop	-	-	-	613	X	613	-	-	-				
263						1A		SK	IFC Drawing Changes - Section 1A - Victoria Dock Bridge	-	-	-	51,737	X	51,737	293,449	-	-	-			
264						SW ON		SK	IFC Drawing Changes - Earthworks General Arrangement	-	-	-	-	X	-	-	-	-				
264a			219			1A		SK	IFC drawings and specifications lowering Lindsay Road	1,972,142	1,281,892	887,464	1,972,142	X	-	718,600	-	-	-			
264b			219			1A		SK	IFC drawings and specification for work in Chainages 100000 to 100600 - Section 1A4	1,573,154	1,022,550	707,919	1,573,154	X	-	1,022,550	758,006	7.41%	0.4%			
264c						1A		SK	Lindsay Road Lowering - Utilities	14,381	9,347	6,471	14,381	-	-	-	-	-				
265						2A		GA	Accommodation Works Section 2A Access Retaining Wall - Verity House	72,462	47,100	32,608	72,462	X	-	22,717	47,100	34,915	7.41%	100%		
267b						5C		GA	Revisions to Scottish Water Diversion 5C/SW/D/01A	50,000	32,500	22,500	-	-	50,000	-	-	-				
270				1		5C		OH	RBS Tramstop - Provide an Estimate for diversion of LV Power and Water supplies crossing the tram track	17,353	11,280	7,809	17,353	X	-	1,955	11,280	8,362	7.41%	20%		
275						7A		OH	EAL Tramstop - BAA Interface	6,377	4,145	2,870	6,377	X	-	4,145	3,073	7.41%	100%			
277	36			1		7A		OH	Airport Tramstop Canopy tie in options.	49,982	32,488	22,492	49,982	X	-	32,488	24,083	7.41%	90%			
278					1	SW		SK	Wider Area Modelling Proposals	4,109	2,671	1,849	4,109	X	-	-	-	-				
285				1		SW		DG	Notified Departure due to the issue of SDS Design programme V40.	-	-	-	-	-	-	-	-	-				
287					1	1A		SK	Forth Ports Traffic Signal - Section 1A4 - Widened Crossing required	9,131	5,935	4,109	9,131	X	-	5,935	4,400	7.41%	100%			
301						1D		SK	Develop and seek approval for enabling works for diversionary route from Princes Street to George Street/Queen Street	147,908	96,140	66,556	147,908	X	-	120,257	96,140	71,268	7.41%	100%		
302						2A		GA	Protection of live GAS utility during construction	200,000	130,000	90,000	-	-	200,000	-	-	-				
305						1C		SK	Crawley Tunnel - insufficient ground cover	23,673	15,387	10,653	23,673	X	-	15,387	11,406	7.41%	100%			
306					1	1B		SK	Discovery of underground structure on Leith Walk	5,091	3,309	2,291	5,091	X	-	-	-	-				
310	38					7A		OH	Gogar Landfill Scottish Water Utility Diversion	23,195	15,077	10,438	23,195	X	-	16,946	15,077	11,176	7.41%	95%		
311						1A		SK	IFC Drawing Changes - Section 1A - Drainage	20,000	13,000	9,000	-	-	20,000	-	-	-				
312						1B		SK	IFC Drawing Changes - Leith Walk	0	0	0	-	-	0	-	-	-				
313						7A		OH	IFC Drawing Changes - Section 7 Soft Landscaping	544,661	354,029	245,097	544,661	X	-	-	-	-				
314						7A		OH	IFC Drawing Changes - Section 7 Track Vertical and Horizontal Alignment Drawings	345,593	224,636	155,517	345,593	X	-	224,636	166,520	7.41%	80%			
316a						1D		SK	Section 1D IFC Drawing Changes - Roads/Site Clearance - limited work area	1,466,303	953,097	659,836	1,466,303	X	-	-	-	-				
316/1 (316a)						1D		SK	Section 1D IFC Drawing Changes - Roads - Excluding Princes Street Works	1,466,303	953,097	659,836	1,466,303	X	-	-	-	-				
316/2						1D		SK	Section 1D IFC Drawing Changes - Kerbs, Footways and Paved Areas - Excluding Princes Street	735,204	477,892	330,842	735,204	X	-	-	-	-				
316/3						1D		SK	Section 1D IFC Drawing Changes - Site Clearance - Excluding Princes Street	23,406	15,214	10,533	23,406	X	-	-	-	-				
316b (316/4)						1D		SK	Section 1D - IFC drawing changes - drainage - plate 24 only	20,753	13,490	9,339	20,753	X	-	-	-	-				
316/5						1D		SK	Section 1D IFC Drawing Changes - Traffic Signs & Road Markings	177,177	115,165	79,730	177,177	X	-	-	-	-				
316/6						1D		SK	Section 1D IFC Drawing Changes - Road Restraint	34,827	22,508	15,582	34,827	X	-	-	-	-				
316/7						1D		0	Section 1D Change to Street Lighting Ducts	24,206	15,734	10,893	24,206	X	-	-	-	-				
316/8						1D		0	Princes St - Road Construction	514,872	334,667	231,692	514,872	X	-	-	-	-				

2.08b Unapproved Changes

										Assessment			Status on unapproved changes			Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks
319					1	1D		SK	Shandwick Place TRO Signage	7,940	5,161	3,573	7,940	X		5,161	3,826	7.41%	100%	
320						6		OH	Introduction of mass concrete foundations at Depot - Post IFC Change	30,815	20,030	13,867	30,815			20,030	14,848	7.41%	100%	
323						5C		GA	A8 Underpass Phase 1 Pile Toe Levels	34,319	22,308	15,444	34,319	X		22,308	16,536	7.41%	100%	
326						1B		SK	Expose existing gully connections at Chainage 272-328 RHS	3,705	2,408	1,667	3,705	X		2,408	1,785	7.41%	100%	
329						1B		SK	Break out foamed concrete backfill	7,326	4,762	3,297	7,326	X		4,762	3,530	7.41%	100%	
341				1		1C		SK	Princes Street - Reinforced Concrete slab above Track Box	-	-	-	-			-	-		100%	
343					1	6		OH	Street Lighting - Height of poles	2,049	1,332	922	2,049			1,332	987	7.41%	100%	
346						5B		GA	Edinburgh Park Bridge Structural Fill	106,527	69,242	47,937	106,527	X		69,242	51,329	7.41%	100%	
348						1D		SK	Additional Signs on Queen Street	266	173	120	266	X		173	128	7.41%	100%	
353						SW ON		SK	Additional Measures at George Street	4,816	3,130	2,167	4,816	X		-	-			
354						SW ON		SK	Provide Corex signs and double yellow lines on George Street	3,062	1,990	1,378	3,062	X		-	-			
355						SW ON		SK	Additional Signage at George Street/St Andrews Square	2,954	1,920	1,329	2,954	X		-	-			
356						SW ON		SK	Replace MASS barriers at George Street, Hanover Street and Frederick Street	2,331	1,515	1,049	2,331	X		1,515	1,123	7.41%	100%	
357						SW ON		SK	Trial Holes in Princes Street	235,090	152,809	105,791	235,090	X		152,809	113,275	7.41%	100%	
363						SW ON		SK	Traffic Management - Provide Wider Area Signage to Princes Street	11,899	7,734	5,354	11,899	X		-	-			
366						7A		OH	Gogarburn Bridge East Abutment - excess ground water	3,864	2,511	1,739	3,864	X		2,511	1,862	7.41%	100%	
368a	42					5A		GA	Demolish all Structures on Plots no.s 97 and 102 near Roseburn Street	8,537	5,549	3,842	8,537	X		-	-			
368b						5A		GA	Partial Demolition of Plot 97	67,218	43,691	30,248	67,218	X		-	-			
374b						7A		OH	Gogar Landfill Area - Surcharging and monitoring of surcharge	458,002	297,702	206,101	458,002	X	97,711	297,702	220,683	7.41%	100%	
374c						7A		OH	Gogar Landfill Area - Soil Nailing and Reinforced Earth	524,034	340,622	235,815	524,034	X		-	-			
374d						7A		OH	Gogar Landfill Area - Trackform Change	-	-	-	65,867	X	65,867	-	-			
375						SW ON		SK	Revised OLE foundation and layout to Section1	73,526	47,792	33,087	73,526	X		47,792	35,426	7.41%	95%	
375a						SW ON		0	Changes to OLE bases Section A1, B, C & D	606,980	394,537	273,141	606,980	X		-	-			
376					1	SW		GA	Redesign of OLE poles foundations due to increased loadings - Line 2	135,627	88,158	61,032	135,627	X		88,158	65,350	7.41%	100%	
377					1	SW		DG	Amend OLE system design documents	7,644	4,969	3,440	7,644	X		4,969	3,683	7.41%	90%	
378					1	SW		DG	Amend site wide OLE Building fixing loads and layout drawings	6,903	4,487	3,106	6,903	X		4,487	3,326	7.41%	25%	
379					1	SW		SK	Combined OLE/Pole/Lighting poles	55,039	35,776	24,768	55,039	X		35,776	26,520	7.41%	90%	
380					1	5C		GA	Amend OHLE fixings at Depot Access Bridge	23,513	15,283	10,581	23,513	X		15,283	11,329	7.41%	100%	
381						SW ON		SK	Section 1C/1D - Charlotte Square West End-On Parking	2,954	1,920	1,329	2,954	X		1,920	1,424	7.41%	100%	
382						1D		SK	Section 1D - Bus Gate at Shandwick Place	3,398	2,209	1,529	3,398	X		-	-			
384						SW ON		SK	Section 1C/1D - Saturn Studs at George Street and Frederick Street	60	39	27	60	X		39	29	7.41%	100%	
386						1C		SK	Section 1C/1D - Additional Traffic Management at Princes Street	500	325	225	-		500	-	-			
389						1C		SK	Section 1C/1D - Production of As-Built Drawing for Princes Street Diversion	3,659	2,378	1,647	3,659	X		2,378	1,783	7.41%	100%	
391				1		SW ON		SK	Access to Leith Walk from 19/03/09	-	-	-	-		-	-	-			
394				1		SW		DG	Notified Departure due to the issue of SDS Design programme V41	-	-	-	-		-	-	-			
395				1		SW		DG	Notified Departure due to the issue of SDS Design programme V42	-	-	-	-		-	-	-			
396				1		SW		DG	Notified Departure due to the issue of SDS Design programme V43	-	-	-	-		-	-	-			
405						1A		SK	Additional Retaining Wall at Tower Bridge Pumping Station	6,757	4,392	3,040	6,757	X		-	-			
406						6		OH	Gogar Depot Earthworks - Northern Boundary Drainage Design	20,000	13,000	9,000	7,403	X	12,597	13,000	9,637	7.41%	100%	
411						SW OFF		GA	IFG Drawing Changes	2,404,419	1,582,872	1,081,988	2,404,419	X		-	-	18,441		

2.08b Unapproved Changes

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %		
412	48, 96					6		OH	Depot Floor - Pit for a manual bogie turntable	26,273	17,077	11,823	26,273	-	14,408	17,077	12,659	7.41%	100%	
415	52					6		OH	Provisional Sum Depot Pumping Station, manhole and rising main	65,024	42,265	29,261	65,024	-	-	-	-	-	-	-
417	53				1	7A		OH	BAA Dualling Future Proofing (Eastfield Avenue)	3,377	2,195	1,520	3,377	X	-	2,195	1,627	7.41%	100%	
423						6		OH	Remove Soft Material from Sub Grade of Depot Access Road as per CVI BARR06/007	36,804	23,923	16,562	36,804	-	-	-	-	-	-	-
424a						7A		OH	Revised IFC HRL Drawings Section 7 - Road Scheme Layout	54,682	35,543	24,607	54,682	X	-	-	-	-	-	-
424b						7A		OH	Revised IFC HRL Drawings Section 7 - Gogar Farm Road Layout	3,836	2,493	1,726	3,836	X	-	-	-	-	-	-
424c						7A		OH	Revised IFC HRL Drawings Section 7 - Ingliston Park and Ride Tram Stop access and car park	266,368	173,139	119,865	266,368	X	-	250,661	-	-	-	-
424d						7A		OH	Revised IFC HRL Drawings Section 7 - Junction 210 traffic signals (additional civil works)	12,013	7,808	5,406	12,013	X	-	-	-	-	-	-
424e						7A		OH	Revised IFC HRL Drawings Section 7 - Glasgow Road footway realignment	36,068	23,444	16,231	36,068	X	-	-	-	-	-	-
429				1		SW		DG	Issue of MUDFA Programme Revision 8	565,455	367,546	254,455	565,455	X	-	-	-	-	-	-
433b						2A		0	Traffic Management for Verity House Access Road	8,126	5,262	3,657	8,126	X	-	5,262	3,916	7.41%	100%	
435						1C		SK	Traffic Management for MUDFA Works	6,684	4,345	3,008	6,684	X	-	4,345	3,221	7.41%	100%	
440						SW		DG	Utilities conflicts within 1.2 metre clearance zone	-	-	-	-	-	-	-	-	-	-	-
441b						5B		0	Carrick Knowe/Bankhead Drive Corridor Contamination	1,140,671	741,436	513,302	0	X	1,140,671	-	-	-	-	-
441c						5B		0	Busgate Contamination	275,616	179,150	124,027	0	X	275,616	-	-	-	-	-
441d						5A		GA	Scotrail Replacement Carpark - Contamination of Excavated Material	2,308,740	1,500,681	1,038,933	0	X	2,308,740	-	-	-	-	-
442						5A		GA	Track Drainage	0	0	0	0	X	-	-	-	-	-	-
443				1		SW		DG	Notified Departure due to the issue of SDS Design programme V44	-	-	-	-	-	-	-	-	-	-	-
444				1		SW		DG	Notified Departure due to the issue of SDS Design programme V45	-	-	-	-	-	-	-	-	-	-	-
445				1		SW		DG	Notified Departure due to the issue of SDS Design programme V46	-	-	-	-	-	-	-	-	-	-	-
447						1C		SK	Revised OLE location due to Scottish Power installation - Princes Street at chainage 121395	0	0	0	-	-	0	-	-	-	-	-
450	57				1	7A		OH	BAA New Burnside Road Alignment	5,950	3,868	2,678	5,950	X	-	3,868	2,667	7.41%	70%	
451					1	SW		SK	Stage D drawings for tram stops	55,722	36,219	25,075	55,722	X	-	-	-	-	-	-
452					1	6		OH	West Depot Entry/Exit turnout	-	-	-	-	-	-	-	-	-	-	100%
453						5B		GA	5B Drainage to Guided Busway	-	-	-	-	X	-	-	-	-	-	-
454	56					1D		SK	Alteration of traffic management at Lethian Road junction to accommodate MUDFA BT and Gas works	1,742	1,133	784	1,742	X	-	1,133	840	7.41%	100%	
458						1A		SK	Revised Junction Layouts - Section 1A	500	325	225	-	-	500	-	-	-	-	-
459					1	SW		DG	TRC changes - Informal consultation	-	-	-	-	X	-	-	-	-	-	-
461					1	1A		SK	Forth Ports Substation - redesign	13,794	8,966	6,207	13,794	X	-	13,794	8,966	6,646	7.41%	90%
463					1	1A		SK	Forth Ports drainage approval	13,819	8,982	6,218	13,819	X	-	-	-	-	-	-
465					1	7A		OH	Redesign of Drainage at BAA/CCRC Interface	3,779	2,456	1,701	3,779	X	-	2,456	1,821	7.41%	100%	
467						6		OH	BAA Drainage at Depot	50,000	32,500	22,500	-	X	50,000	-	-	-	-	-
469	59					1A		SK	Utility Diversions associated with Lindsay Road	3,134	2,037	1,410	3,134	X	-	435	-	-	-	-
471						5B		GA	IFC drawing changes - Section 5B - Ducting and Cable Routes	224,281	145,783	100,926	224,281	X	-	145,783	108,067	7.41%	30%	
476	65				1	SW		SK	Tram Stops Development Workshop - changes arising	157,134	102,137	70,710	157,134	X	-	-	-	-	-	-
477					1	SW		SK	Sub Station Development Workshop - changes arising	120,483	78,314	54,217	120,483	X	-	78,314	58,053	7.41%	100%	
478				1		SW ON		SK	Issued to Closeout CEC Roads TAA Sign Off	-	-	-	-	-	-	-	-	-	-	-
479b						5A		GA	Sewer Lining works at Water of Leith Bridge: Additional Manhole	5,000	3,250	2,250	-	-	5,000	-	-	-	-	-
479c						5A		GA	Sewer Lining works at Water of Leith Bridge: Intrusions	3,049	1,982	1,372	3,049	X	-	-	-	-	-	-
483	67				1	SW		SK	Changes to sub-stations arising from development workshops	-	-	-	-	-	-	-	-	-	-	-

2.08b Unapproved Changes

										Assessment			Status on unapproved changes			Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks
484	72					7A		OH	Culvert 1 - Excavation below formation level	29,327	19,062	13,197	29,327	X	17,262	19,062	14,131	7.41%	100%	
485						1B		SK	Manderston Street operational track cross over	-	-	-	-	-	-	-	-	-	-	
487	70					6		OH	Gogar Depot South embankment reinstatement and water supplies	10,000	6,500	4,500	-	X	10,000	-	-	-	-	
488					1	SW		DG	Development workshop for drainage - changes arising	49,508	32,180	22,279	49,508	X	43,088	32,180	23,855	7.41%	95%	
489						5B		GA	Piling obstructions encountered at guided busway	16,188	10,522	7,285	16,188	X	8,288	10,522	7,800	7.41%	100%	
490						1B		SK	Testing to carriageway at Leith Walk	54,198	35,229	24,389	54,198	X	30,670	35,229	26,115	7.41%	100%	
493						5A		GA	Base Date Design to be issued for Construction Drawings - Murrayfield Stadium Tram Stop	130,811	84,897	58,775	130,811	X	8,825	-	-	-	-	
494						5A		GA	IFC drawing changes - Ducting and Cable Routes	87,233	56,702	39,255	87,233	X	-	-	-	-	-	
494a						5A		GA	IFC drawing changes - Ducting and Cable Routes	20,000	13,000	9,000	-	-	20,000	-	-	-	-	
495						5C		GA	IFC drawing changes - Section 5C - Ducting and Cable Routes	318,499	207,021	143,322	318,499	X	-	-	-	-	-	
496						1A		SK	IFC drawing changes - Ducting and Cable Routes	1,109,338	721,068	499,201	1,109,338	X	-	-	-	-	-	
496b						1B		SK	IFC drawing changes - Ducting and Cable Routes	306,672	199,337	138,002	306,672	X	-	-	-	-	-	
496c						1C		SK	IFC drawing changes - Ducting and Cable Routes	754,397	490,358	339,479	754,397	X	-	-	-	-	-	
496d						1D		SK	IFC drawing changes - Ducting and Cable Routes	424,232	275,751	190,904	424,232	X	-	-	-	-	-	
497						1C		SK	Princes street arches	-	-	-	-	X	-	-	-	-	-	
498						SW		SK	IFC Issue drawings for Bus Lane and Tram only zones - Systemwide	732,253	475,984	329,514	732,253	X	-	-	-	-	-	
501	74, 74a, 74b					5C		OH	RBS Tramstop - Provide Future Proofing	8,409	5,466	3,784	8,409	-	-	5,466	4,052	7.41%	100%	
503						SW		DG	Track side signage	-	-	-	-	-	-	-	-	-	-	
506						5A		GA	Removal of obstructions at Russell Road Retaining Wall	62,901	40,885	28,305	62,901	X	-	40,885	30,308	7.41%	100%	
508						5C		OH	Additional footway across Depot Access Bridge	25,000	16,250	11,250	-	-	25,000	-	-	-	-	
510						7A		OH	IFC drawing changes - Section 7A - Ducting and Cable Routes	140,600	91,390	63,270	140,600	-	-	91,390	67,747	7.41%	37%	
511						5A		GA	Piling obstructions - alternative design required.	216,879	140,971	97,596	216,879	X	-	140,971	104,501	7.41%	100%	
513				1		SW		DG	IFC changes to Kerbs, Footways, Cycleways, Laybys, Busbays and Paved Areas Specification	-	-	-	-	-	-	-	-	-	-	
515					1	SW ON		SK	Floating Slab in City Centre	-	-	-	-	X	-	-	-	-	-	
519	76					1C		SK	Revised scope St Andrew Square	-	-	-	-	-	-	-	-	-	-	
520						1C		SK	Traffic Management to accommodate re-introduction of buses on Princes Street	114,311	74,302	51,440	114,311	X	-	-	-	-	-	
523						5C		GA	A8 Underpass - support and protect BT equipment	80,348	52,226	36,157	80,348	X	-	52,226	38,715	7.41%	100%	
525	79				1	SW		DG	Development workshop for earthing and bonding - changes arising	54,703	35,557	24,616	54,703	X	10,275	-	-	-	-	
526					1	1D		SK	Changes to Traffic Regulation Orders at Grosvenor Street	58,677	38,140	26,404	58,677	X	-	-	-	-	-	
527						5B		GA	Network Rail Access Road	157,654	102,475	70,944	157,654	X	-	-	-	-	-	
528						5A		GA	IFC Drawing changes - Roads, Streetlighting, Drainage	123,227	80,098	55,452	123,227	X	73,375	-	-	-	-	
529						7A		OH	Gogar landfill profile redesign	50,000	32,500	22,500	22,789	-	27,211	22,789	32,500	24,092	7.41%	100%
530				1		SW		DG	Notified Departure due to the issue of SDS Design programme V47	-	-	-	-	-	-	-	-	-	-	
531				1		SW		DG	Notified Departure due to the issue of SDS Design programme V48	-	-	-	-	-	-	-	-	-	-	
532				1		SW		DG	Notified Departure due to the issue of SDS Design programme V49	-	-	-	-	-	-	-	-	-	-	
533				1		SW		DG	Notified Departure due to the issue of SDS Design programme V50	-	-	-	-	-	-	-	-	-	-	
534				1		SW		DG	Notified Departure due to the issue of SDS Design programme V51	-	-	-	-	-	-	-	-	-	-	
535					1	1A		SK	Amendments to Tower Place bridge	-	-	-	-	X	-	-	-	-	-	
536				1		SW		DG	Incomplete Utility works	17,324,225	11,260,746	7,795,901	17,324,225	X	-	-	-	-	-	
537	79					SW ON		DG	Noise and vibration works arising from the study carried out under INTC 438	80,431	52,280	36,194	80,431	-	-	-	-	-	-	

2.08b Unapproved Changes

										Assessment			Status on unapproved changes			Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks
540					1	7A		OH	Edinburgh Airport Platform changes	-	-	-	-	-	-	-	-	-		
541					1	7A		OH	Edinburgh Airport - CEC changes	19,938	12,960	8,972	19,938	X	19,938	12,960	9,607	7.41%	100%	
542						1B		SK	Cundy Works - chainage 85-100	1,903	1,237	856	1,903	X	648	1,237	917	7.41%	100%	
544						5B		GA	Additional parapet upstand on deck of Carrick Knowe bridge	13,131	8,535	5,909	13,131	X		8,535	6,327	7.41%	100%	
545						1D		SK	Remove Bus Shelters in George Street	70,300	45,695	31,635	70,300	X						
546				1		7A		OH	Airport Phase A works delay due to drainage setting out conflict	-	-	-	-	-	-	-	-	-		
548	83					SW OFF		GA	Accommodation Works - Section 5	0	0	0	0	X						
549	112				1	1D		SK	CEC's amendments to street lighting	2,225	1,446	1,001	2,225	X						
550	84				1	SW OFF		GA	Amend Trackform at stated locations	-	-	-	-	-	-	-	-	-		
553						5A		GA	Below Ground Obstructions - Piling to Russell Road Retaining Wall W4	66,009	42,906	29,704	66,009	X	16,871	42,906	31,806	7.41%	100%	
554					1	7A		OH	Edinburgh Airport CCRC Walkway Earthing and Bonding	6,208	4,035	2,793	6,208	X						
555						5B		GA	Bus Gate protection or diversion of existing services	43,866	28,513	19,740	43,866	X		28,513	21,136	7.41%	100%	
560						5C		GA	A8 Underpass grouting of existing sewer	85,041	55,277	38,289	85,041	X		55,277	40,976	7.41%	100%	
566					1	1D		SK	Reinstate traffic island on Princes Street - Chainage 130+280	1,338	870	602	1,338	X	1,338					
567	86					7A		OH	Accommodation Works - Section 7	0	0	0	0	X						
569	80					SW OFF		GA	Point Machine Position (SV-0116)	0	0	0	0	X						
572						1D		SK	Out of sequence working at Haymarket/Lothian Road Junction due to MUDFA delayed completion	0	0	0	-	-	0					
573					1	1A		SK	Forth Ports Area - fence alterations	-	-	-	-	X						
574	87					7A		OH	Remove surplus material from Plot 304	289,756	188,341	130,390	289,756	X		188,341	139,616	7.41%	100%	
575						SW		DG	Developed kinematic envelope (DKE) - Site Wide	-	-	-	-	-	-	-	-	-		
576						5B		GA	Busgate, Contamination	10,000	6,500	4,500	-	-	10,000					
577						5C		GA	W19 - Gyle Stop retaining wall - protection of existing services	81,843	53,198	36,830	81,843	X						
579						5C		GA	A8 Underpass - Phase 2 - Change to pile toe levels	40,248	26,161	18,111	40,248	X		26,161	19,393	7.41%	100%	
580				1		SW		DG	Informatives approvals process changes by CEC	-	-	-	-	-	-	-	-	-		
581					1	SW		DG	Revisions to TRO public exhibition document - additional file comments	-	-	-	-	-	-	-	-	-		
582						1A		SK	Lindsay Road retaining wall 1C - Unforeseen ground conditions - Archaeological findings	6,935	4,508	3,121	6,935	X		4,508	3,341	7.41%	100%	
584						7A		OH	Invasive Species - Gogar Landfill Area - Giant Hogweed	77,389	50,303	34,825	77,389	X		50,303	37,289	7.41%	100%	
586	93					1C		SK	Revised traffic management at junction of the Mound, Princes Street and Hanover Street	7,520	4,888	3,384	7,520	X	1,418					
588					1	SW ON		SK	Special trackform construction at shallow depth obstructions	120,959	78,624	54,432	120,959	X						
590						2A		GA	CBR Verification Results - TQ 1518	34,386	22,351	15,474	34,386	X						
591					1	SW		DG	Revisions to TRO general overview document - additional file comments	-	-	-	-	-	-	-	-	-		
592						5A		GA	Contaminated material at Murrayfield Tramstop/W18 retaining wall	1,587,350	1,031,778	714,308	0	X	1,587,350					
593						2A		GA	Revisions to OLE bases - Section 2A	408,641	265,617	183,889	408,641	X						
594						2A		GA	IFC drawing changes - Section 2A - Ducting and Cable Routes	256,573	166,773	115,459	256,573	X						
594A						2A		GA	IFC drawing changes - Section 2A - Ducting and Cable Routes	15,000	9,750	6,750	-	-	15,000					
596				1		2A		GA	Possession of car park at Haymarket - unrestricted access	-	-	-	-	-	-	-	-	-		
597						2A		GA	Remediation of soft ground - Technical Query no. 1550	74	48	33	74	X		48	38	7.41%	100%	
598					1	1A		SK	Victoria Dock Entrance Bridge - road safety audit on existing parapets	-	-	-	-	X						
599						1A		SK	Wall 1C - Unforeseen ground conditions - 500mm dia. Concrete pipe	1,333	866	600	1,333	X		866	642	7.41%	100%	
600						1A		SK	Lindsay Road retaining wall 1A - Unforeseen ground conditions - sand layer	71,707	46,610	32,268	71,707	X		46,610	34,551	7.41%	71%	

2.08b Unapproved Changes

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks	
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %			
603					1	1A		SK	Lindsay Road radio mast - to be relocated	-	-	-	-	-	-	-	-	-	-		
604						5B		GA	Bus Gate - discovery of existing utilities - Street lighting, power supply and ducting	2,517	1,636	1,132	2,517	X	-	1,636	1,213	7.41%	100%		
605	97					1A		SK	Archaeological Findings West Abutment	484	315	218	484	X	-	315	233	7.41%	100%		
607					1	SW		DG	Tram stops - CEC and tie comments not in accordance with Schedule Part 14	-	-	-	-	X	-	-	-	-	-		
608	88					1A		SK	Accommodation Works at plots S1 and S2 at Forth Ports	35,060	22,802	15,786	35,060	X	-	5,468	-	-	-		
610					1	1A		SK	Adoption lines in the Forth Ports area	-	-	-	-	-	-	-	-	-	-		
611						5B		GA	Bus Gate existing drainage	3,823	2,485	1,720	3,823	X	-	2,485	1,842	7.41%	100%		
613						5A		GA	W8 Baird Drive RTW - contaminated material	1,204,952	783,219	542,226	0	X	1,204,952	-	-	-	-		
614						SW ON		SK	BDD1 to IFC Drawing Changes	4,970,323	3,230,710	2,236,645	4,970,323	X	-	-	-	-	-		
616						5C		GA	A8 Utility Works - Slew and protect 4 way Geonet duct bank	6,019	3,913	2,709	6,019	X	-	3,913	2,900	7.41%	100%		
617					1	6		OH	Turning head at depot access road	-	-	-	-	X	-	-	-	-	-		
618						5C		GA	Depot Access Bridge - piling obstructions	9,481	6,163	4,266	9,481	-	-	6,031	6,163	4,568	7.41%	100%	
618B						5C		0	Depot Access Bridge - piling obstructions	29,664	19,281	13,349	29,664	X	-	9,483	19,281	14,293	7.41%	100%	
619						1A		SK	Tower Place Bridge East Abutment - discovery of HV cable	57,078	37,101	25,685	57,078	X	-	-	37,101	27,502	7.41%	100%	
621						1A		SK	Tower Place Bridge - Unforeseen ground conditions - Ch 1500 - existing concrete	1,500	975	675	-	-	1,500	975	723	7.41%	100%		
622						1A		SK	Tower Place Bridge - Unforeseen ground conditions - Ch 1500 - existing bonded rubble breakwater	80,335	52,218	36,151	80,335	X	-	52,218	38,709	7.41%	100%		
623	100					1A		SK	Work to sewers at retaining Wall 1A - Lindsay Road	20,000	13,000	9,000	-	-	20,000	-	-	-	-		
624					1	2A		GA	Unforeseen Ground Conditions - change to piling methodology	50,000	32,500	22,500	9,317	X	40,683	-	-	-	-		
624A						2A		0	Change in Piling Methodology	58,832	38,241	26,474	58,832	X	-	-	-	-	-		
625						5A		GA	Murrayfield Corridor Retaining Walls Ground Improvement	611,127	397,232	275,007	611,127	X	-	19,539	-	-	-		
626						7A		OH	Protected Species mitigation measures Badger tunnels, fences and feeding stations	0	0	0	-	-	0	-	-	-	-		
628	101					1A		SK	Removal of materials from Port of Leith Housing Association land at the Casino	1,148	746	516	1,148	X	-	746	553	7.41%	100%		
629						2A		GA	IFC Drawing changes for Section 2 Track Drainage	-	-	-	8,097	X	8,097	25,120	-	-	-		
630						2A		GA	Haymarket Viaduct - Retaining Wall W21 - Temporary works changes due to projecting footing	5,000	3,250	2,250	4,233	-	767	3,250	2,409	7.41%	100%		
631						7A		OH	OLE pole foundations - BDD1 - IFC - Section 7	94,127	61,182	42,357	94,127	X	-	61,182	45,354	7.41%	60%		
633						1A		SK	Tower Place Bridge - Unforeseen ground conditions - Ch 010425 - existing tie rods	1,500	975	675	-	-	1,500	975	723	7.41%	100%		
634						5B		GA	Invasive Species - Giant Hogweed	10,000	6,500	4,500	-	-	10,000	-	-	-	-		
635					1	2A		0	Haymarket Viaduct - Existing BT Cable and Drainage Pipe	-	-	-	-	-	-	-	-	-	-		
636					1	SW		DG	Notified Departure due to the issue of SDS Design programme V55	-	-	-	-	-	-	-	-	-	-		
637					1	SW		DG	Notified Departure due to the issue of SDS Design programme V56	-	-	-	-	-	-	-	-	-	-		
638					1	3		DG	Section 3 Drainage (Scottish Water) Approvals closeout	-	-	-	-	-	-	-	-	-	-		
639					1	5A		GA	Murrayfield tramstop revised layout	-	-	-	-	X	-	-	-	-	-		
642	106				1	1C		SK	Elder Street Junction redesign	86,124	55,981	38,756	86,124	X	-	-	-	-	-		
647	107					SW ON		SK	Transfer of Principal Contractor CDM responsibility for removal of existing Traffic Management Installations at West End Junction, St Andrew Square and Leith Walk	138,012	89,708	62,105	138,012	X	-	-	-	-	-		
648					1	SW		DG	Promotion of Traffic Regulation Orders (TROs) by CEC	-	-	-	-	-	-	-	-	-	-		
649	105				1	SW		SK	Tramstops - Changing Brand Guidelines, TVMs and Validators	63,593	41,335	28,617	63,593	X	-	-	-	-	-		
650					1	SW ON		DG	Listed Building Consents - Dublin Street	-	-	-	-	-	-	-	-	-	-		
652	103					7A		OH	Removal of Giant Hogweed in Plot 304	19,366	12,588	8,715	19,366	X	-	6,560	12,588	9,331	7.41%	100%	
656	102					1A		GA	Remove existing sewer in Section 1A	18,000	11,700	8,100	-	-	18,000	-	-	-	-		
657					1	1A		SK	Jane Street Radio Mast - Feasibility Study and Site Share Application	3,045	1,979	1,370	3,045	-	-	-	-	-	-		

2.08b Unapproved Changes

										Assessment			Status on unapproved changes			Job Estimate Budgets				
INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %	Stage of Completion	Remarks
658					1	2A		GA	Section 2A - Phase 1A/1B Interface design	-	-	-	-	-	-	-	-	-		
659						5A		GA	Roseburn Viaduct Structures - Additional requirements to value engineered design	500,000	325,000	225,000	-	-	500,000	-	-	-		
662					1	SW		SK	Lit signs requirements from CEC	-	-	-	X	-	-	-	-	-		
663						2A		GA	OLE Foundation 200+249 at Haymarket Yards	-	-	-	-	-	-	-	-	-		
664						1A		SK	Live HV cable discovered at Structure W1 - Lindsay Road Retaining Wall 1D	-4,000	2,600	1,800	-	-	-4,000	2,600	1,927	7.41%	100%	
665						1A		SK	Lindsay Road retaining wall finish	1,500	975	675	-	-	1,500	-	-	-		
667						5A		GA	Test Soil Nailing	42,893	27,880	19,302	42,893	X	-	-	-	-		
668						5B		GA	Busgate: Scottish Power HV Cable Clash with Drainage	14,602	9,492	6,571	14,602	X	-	4,139	-	-		
670						5B		GA	Excavation through rock within drainage run	50,000	32,500	22,500	-	-	50,000	32,500	24,092	7.41%	100%	
670a						5B		0	Balgreen to Carrick Knowe - Ground Conditions - Rock	8,619	5,602	3,878	8,619	X	-	-	-	-		
672						2A		GA	Utilities within Infraco Works TQ 2075 : 125mm watermain at Ch 200+109	5,000	3,250	2,250	-	-	5,000	-	-	-		
673						2A		GA	Ch 200+109 Haymarket Yards - Unforeseen Ground Conditions	11,755	7,641	5,290	11,755	X	-	-	-	-		
674						5B		GA	Edinburgh Park Station Tramstop BDDI to IFC	29,590	19,234	13,316	29,590	X	-	-	-	-		
675						5C		GA	The Gyle Centre	51,624	33,555	23,231	51,624	X	-	-	-	-		
676					1	7A		0	TAA for Nil Crossing 1 & 2	3,757	2,442	1,691	3,757	X	-	-	-	-		
677						7A		0	Extension of the Maccaferri 'RENO' mattresses under Gogar Burn Bridge	22,021	14,314	9,909	22,021	X	-	14,314	10,610	7.41%	100%	
678						7A		0	Installation of Gabion Wall at Ch 711975 - 711995	28,085	18,255	12,638	28,085	X	-	18,255	13,533	7.41%	100%	
681						2A		GA	Trackslab and OHLE base/Existing Gas Main Clash ch200+120	5,000	3,250	2,250	-	-	5,000	-	-	-		
682					1	7A		0	Impact of Tram Infrastructure on flood risk in the gogar burn	-	-	-	-	-	-	-	-	-		
683						1A		SK	Lindsay Road Retaining Wall 1A - Ground Conditions	2,500	1,625	1,125	-	-	2,500	1,625	1,205	7.41%	100%	
687	129				1	5C		OH	Gogar Castle Access - Junction 206	-	-	-	-	-	-	-	-	-		
688					1	1A		0	Lighting Change for combines OLE/Lighting on Ocean Drive	-	-	-	-	-	-	-	-	-		
691						SW OFF		GA	Electrification of Aldrie to Bathgate Rail Link Project	-	-	-	-	-	-	-	-	-		
692						1A		0	Unable to commence IRL operations	5,000	3,250	2,250	-	-	5,000	-	-	-		
694						5A		GA	Utilities Protection Measures (Gas Main)	27,180	17,667	12,231	27,180	X	-	17,667	13,096	7.41%	100%	
695						5A		GA	Scotrail Car Park Barrier and Security	10,000	6,500	4,500	-	-	10,000	-	-	-		
696						2A		GA	Ch 200+127; Utilities Clash	5,000	3,250	2,250	-	-	5,000	-	-	-		
697						2A		0	Ch 200+215 Unforeseen Ground Conditions / Below Ground Obstructions	1,022	664	460	1,022	X	-	-	-	-		
698						SW ON		0	IFC Drawing Changes - Soft Landscaping	88,807	57,725	39,963	88,807	X	-	-	-	-		
699						2A		0	IFC Drawing Changes - Soft Landscaping	5,177	3,365	2,330	5,177	X	-	-	-	-		
700						6		0	IFC Drawing Changes - Soft Landscaping	55,329	35,964	24,898	55,329	X	-	-	-	-		
702	116				1	SW		0	Pedestrian Guardrail - change in CEC Specification	2,471	1,606	1,112	2,471	X	-	-	-	-		
703						1A		SK	Planning Permission Access to cruise liner area	-	-	-	-	-	-	-	-	-		
704						2A		0	Excavation of rock in sections 2A and 5A	74	48	33	74	X	-	-	-	-		
706 pt 2						1A		0	Tower Place Bridge Suspension of Works 19/11/10 to 10/01/11	76,452	49,694	34,403	76,452	X	-	-	-	-		
706 pt 3	119C					1A		0	Tower Place Bridge Diversion TNC 119C	12,193	7,926	5,487	12,193	X	-	-	-	-		
709					1	1A		0	Cycle path to be incorporated as per tie design ref INF CORR 5752/MBU	-	-	-	-	-	-	-	-	-		
718						1A		0	Amendment to South Cope Duct Bank	2,947	1,915	1,326	2,947	X	-	-	-	-		
719						1C		0	Site Clearance BDDI - IFC	324,869	211,165	146,191	324,869	X	-	-	-	-		
720						5B		GA	Section 5B Stenhouse Drive Retaining Wall and associated Utilities Works	150,000	97,500	67,500	-	-	150,000	-	-	-		

										Project: Edinburgh Tram Network as per: 31/07/2011
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2.08b Unapproved Changes

INTC	TNC	TCO	DRP	EOT only	SDS only	Section	Activity	QS	Description	Assessment			Status on unapproved changes			Job Estimate Budgets			Stage of Completion	Remarks	
										Maximum	assessed	Minimum	Submitted	to be submitted	agreed	Revenue	Direct Cost	Margin in %			
723	124				1	5A		0	Incorporate Murrayfield Accommodation Works into "As-Built" documents	-	-	-	-	-	-	-	-	-			
725	122				1	1A		0	RW1A Footpath at toe of wall ADM to Ocean Drive Link Road	-	-	-	-	-	-	-	-	-			
726						1D		SK	HGV Turning constitution Street/ Laurie Street	-	-	-	-	-	-	-	-	-			
727	118					6		OH	Wash Plant throughput/ tram end Wash (Hand Wands)	-	-	-	-	-	-	-	-	-			
728	126					2A		SK	Tie have requested BSC to amend existing TM arrangement at the junction between Roseburn St and the Wester Approach Rd (Ref INF CIRR 7166/IC)	3,905	2,538	1,757	3,905	-	-	-	-	-			
731						5A		GA	OLE Special Foundation Murrayfield Tramstop Retaining Wall	-	-	-	-	-	-	-	-	-			
732						5B		GA	Change Trackform from current design back to BDDI	-	-	-	-	-	-	-	-	-			
736	130					6		0	Depot Access Road, Hammer Head	-	-	-	-	X	-	-	-	-			
737						2A		0	Network Rail development of Haymarket Station	-	-	-	-	X	-	-	-	-			
738	132					1A		SK	Provide access for Utilities at Tower Place and Tower Place Bridge	-	-	-	-	X	-	-	-	-			
TOTALS										86,764,098	56,396,664	39,043,844	76,055,821		10,708,277	6,741,335	6,939,223	5,143,975	7.36%	93%	

submitted	under preparation	not confirmed status on submitted changes	installed revenue	budgets on unapproved changes
		76,055,821		6,424,825
maximum potential of changes				
		86,764,097.82		

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

6,939,223	6,424,825
- 2,562,009	- 2,372,090
4,377,214	4,052,734

2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
BBUKETN001/10	28/06/2010	3	3	100%	All now closed out
ETN QA 11/01 Graham	07/07/2011	1	1	100%	Audit now closed out
				-	
				-	

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

Audit-No	Date	NCRs raised	NCRs Closed-Out	% Closed	Corrective Actions
TSA-09-01 (System Eng / Integration)	28/08/2009	4	3	75%	
TQA-CEC-BSC-01-2010	26/09/2010	13	0	0%	All 13 NCR's responded 30/05/2011, tie response
TQA-BSC-08-2010	07/12/2010	11	10	91%	
TSA-10-03-BSC Design Assurance	29/03/2011	0	0	0%	2 no requests for information

2. Inspection and Testing

Section	ITPs				Non-Audit NCRs				
	Planned	In-Production	Completed	% Comp'd	Raised		Closed out		
					Total	Month	Total	Month	%
1A	66	10	2	3%	11	-	4	-	36%
1B	-	-	-	-	0	-	0	-	0%
1C	13	12	12	92%	17	-	9	-	53%
1D	31	31	29	94%	4	-	3	-	75%
2	37	24	21	57%	22	6	12	2	55%
5A	12	0	0	0%	2	-	2	-	100%
5B	59	34	1	2%	21	-	14	-	67%
5C	27	6	0	0%	16	-	6	-	38%
6	35	27	8	23%	87	8	61	3	70%
7	73	45	39	53%	11	-	9	-	82%
System NCRs (non-audit)					191	14	120	5	63%
Cancelled					10	-	10	-	100%

3. Further quality-related events during this month

(please describe shortly)

A new Quality Engineer has started in the department, he is currently being mentored on the specifics of the project and his daily tasks for the delivery of Quality on the project. Continuing site visits to Barr (Depot building and Tram yards), Grahams (Verity House Access Rd) and Expanded (Depot Access Bridge and A8 Underpass) were undertaken in order to carry out surveillance checks and mentor site staff. efforts to close out and prevent Non-conformances throughout the site are continuing during the mentoring sessions with the subcontractors. A review of NCR's for the depot, section 5C and Section 7 was carried out together with the client, it was noted that further reviews would be carried out in future. The Quality and Technical/Design dept have begun the process of reviewing and compiling As-built records in conjunction with the subcontractors. In addition to this work has commenced on the handover files and regular client interfaces have been undertaken to progress the issue of handover documentation. Participation in meetings regarding the testing and commissioning plans and processes was also undertaken.

Project: **Edinburgh Tram Network**

as per: **31/08/2011**



2.12 Safety Information System - SIS

Bilfinger Berger Civil⁵ - Monthly Safety Report

Form Nr 0611a

Month	August				Prepared by	[REDACTED]		Contact phone or email.	[REDACTED]@civil.bilfinger.co.uk	
Site or office and Unit ⁵	BBIB¹ Managers, Supervisors, Foremen	BBIB¹ workers	JV people under BBIB control	Sub-contractors³	Agency / hired people / BBSE workers eg BIS	Total	Others, eg public			
Number	42		53	209		304				
Hours ²	6960		8285	47811		63056				

Accidents in this month (if no accidents but a previous accident person is still away from work, write in **calender** days lost but leave accident space clear)

Fatal						0				
Serious: over 3 days injury						0				
Duty travelling / commuting 1D+						0				
LTI: 1 -3 days injury						0				
1st Aid only				1		1	Small cut to arm			
Calender days lost this month + from any previous ongoing accidents						0				

Incidents

Damage				2		2	LV cable damages			
Environment Ecology / Pollution				1		1	Burst Hydraulic hose			
Not work related eg flood, bomb scare						0				
Near misses, hazards reported						0				

Details of this months Fatal, Serious accidents (3d+) or serious incidents, and any previous non-RTW accidents, plus any work-related 'Health' incidents

IP Name or incident location/Ref	Employer	Injury / Incident	date of acc / inc	Return to work date ⁴	Cal days lost this month. Max 30

Return to OHS-Wi by **8th** of following month OHS-Wi email: QM@civil.Bilfinger.com OHS-Wi fax 0049 (0)611 708 769

1. Average number of BBIB staff or site workers during the month.
 2. Hours should be included if known. Do not leave boxes blank eg make an estimate or multiply number of staff by monthly hours worked eg x 200
 3. Subcontractor numbers should be estimated if no exact figure known. Average part time workers over month eg 10 workers for half a month = 5.
 4. If Return To Work (RTW) date has not yet occurred, keep name in box until RTW date known
 5. These are summary BBIB Group figures including all R&T's on site. For separate Regions or Technology Reports, please send a R&T specific report to the R&T
 6. Days lost are now calendar not working days, but maximum 180. You may have days lost to continue to report from an old accident but no accidents this month
 *Definition for a 3D+ accident includes weekends but not day of accident. You should check if man is available or fit for work during a weekend, then it may not be a 3Day+

3.01 Overview Movements of Contingencies

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

3.02 Design - Drawing Status

No.	Description Status acc. Sections	Sections							Phase		Total
		SW	1	2	3	5	6	7	1a incl. SW	1b excl. SW	
Original SDS Design:											
1	Draft, to be issued for construction	-	-	-	-	-	-	-	-	-	-
2	Issued for External Approval (IFEA), to be IFC	-	-	-	126	-	-	-	-	-	126
3	Issued for Construction (IFC)	-	-	-	264	-	-	-	-	-	264
4	Partially agreed for Construction (PAFC)	-	-	-	-	-	-	-	-	-	-
5	Agreed for Construction (AFC)	-	-	-	-	-	-	-	-	-	-
6	For As-Built Info Incorporation	-	-	-	-	-	-	-	-	-	-
7	As Built	-	-	-	-	-	-	-	-	-	-
8	Hand over	-	-	-	-	-	-	-	-	-	-
9	Withdrawn	-	-	-	-	-	-	-	-	-	-
10	Not to be IFC	11	24	3	153	1	-	-	48	153	201
11	IFEA, but not to be IFC	-	-	-	40	-	-	-	-	40	40
New Design for Change Order:											
21	Draft, to be issued for construction	-	-	-	-	-	-	-	-	-	-
22	Issued for External Approval (IFEA), to be IFC	14	98	7	-	72	1	32	224	-	224
23	Issued for Construction (IFC)	122	662	142	-	884	304	214	2,328	-	2,328
25	Agreed for Construction (AFC)	-	-	-	-	-	-	-	-	-	-
26	For As-Built Info Incorporation	-	-	-	-	-	-	-	-	-	-
27	As-Built	-	-	-	-	-	-	-	-	-	-
28	Hand over	-	-	-	-	-	-	-	-	-	-
30	Not to be IFC	-	-	-	-	-	-	-	-	-	-
31	IFEA, but not to be IFC	-	-	-	-	-	-	-	-	-	-
Total (1~3+5~52)		147	784	152	583	957	305	246	3,174	583	3,757
Original SDS Design:											
Issued for Construction (3+5~8+43+46)		-	-	-	264	-	-	-	264	264	264
Total Issue for Construction (1~3+5~8+41~46)		-	-	-	390	-	-	-	390	390	390
Percentage of Completion IFC					67.7%				67.7%	67.7%	67.7%
SDS Design incl. Change Orders:											
IFC incl. new Issues for CO (3+5~8+23~28+43+46)		122	662	142	264	884	304	214	2,328	264	2,592
Total IFC incl. new Issues for CO (1~3+5~8+21~28+41~46)		136	760	149	390	956	305	246	2,552	390	2,942
Percentage of Completion IFC		89.7%	87.1%	95.3%	67.7%	92.5%	99.7%	87.0%	91.2%	67.7%	88.1%
Percentage of Completion under consideration of IDR		99.0%	98.7%	99.5%	96.8%	99.2%	100.0%	98.7%	99.1%	96.8%	98.8%