

EDINBURGH TRAM NETWORK

Monthly Project Report February 2009



Monthly Report Major Projects

Project: Edinburgh Tram Network

Reporting Period: February 2009

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VST, GF, BL, PM, CCS

BL, PM, CCS

2. Performance Report

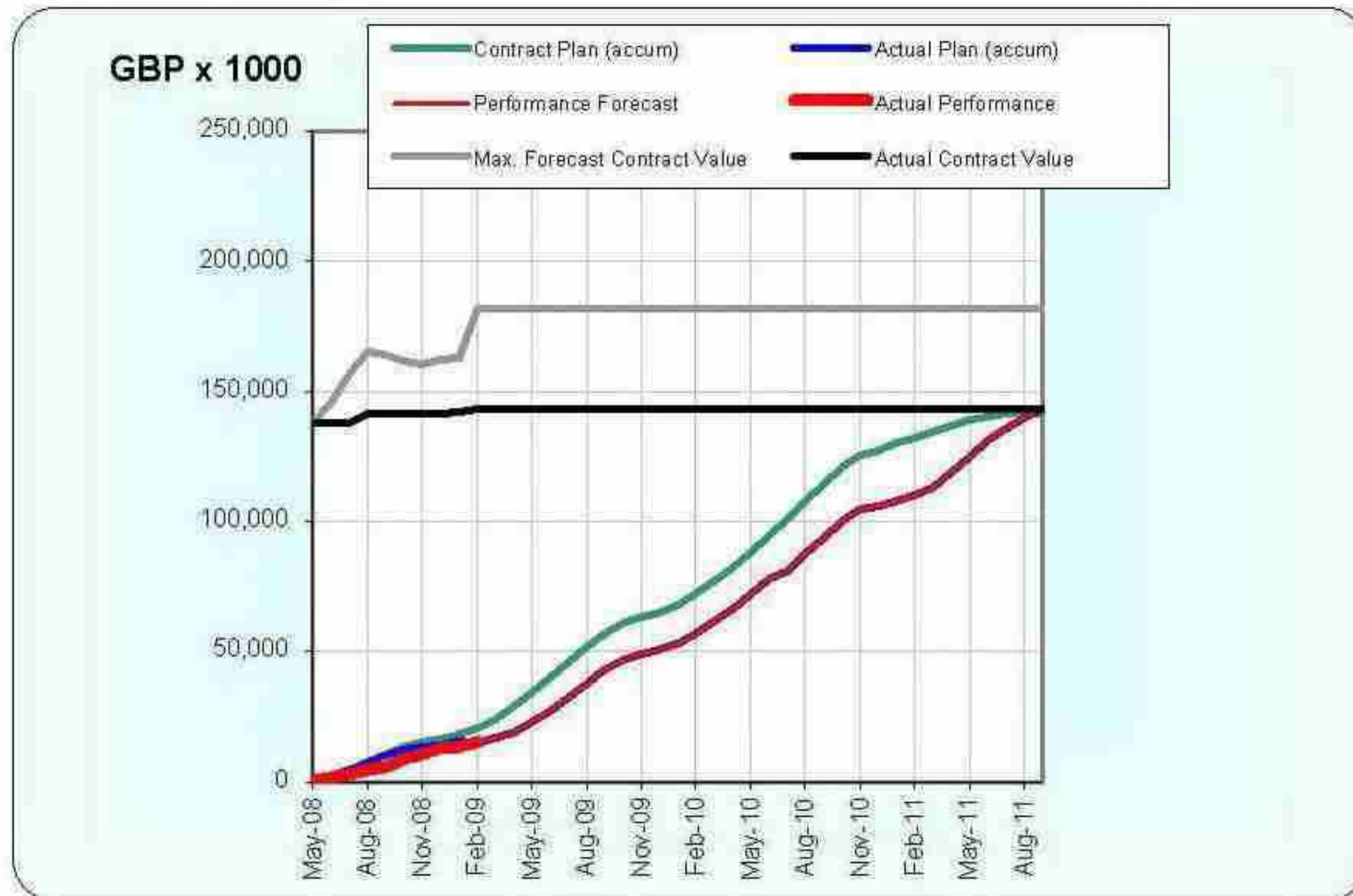
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TBA

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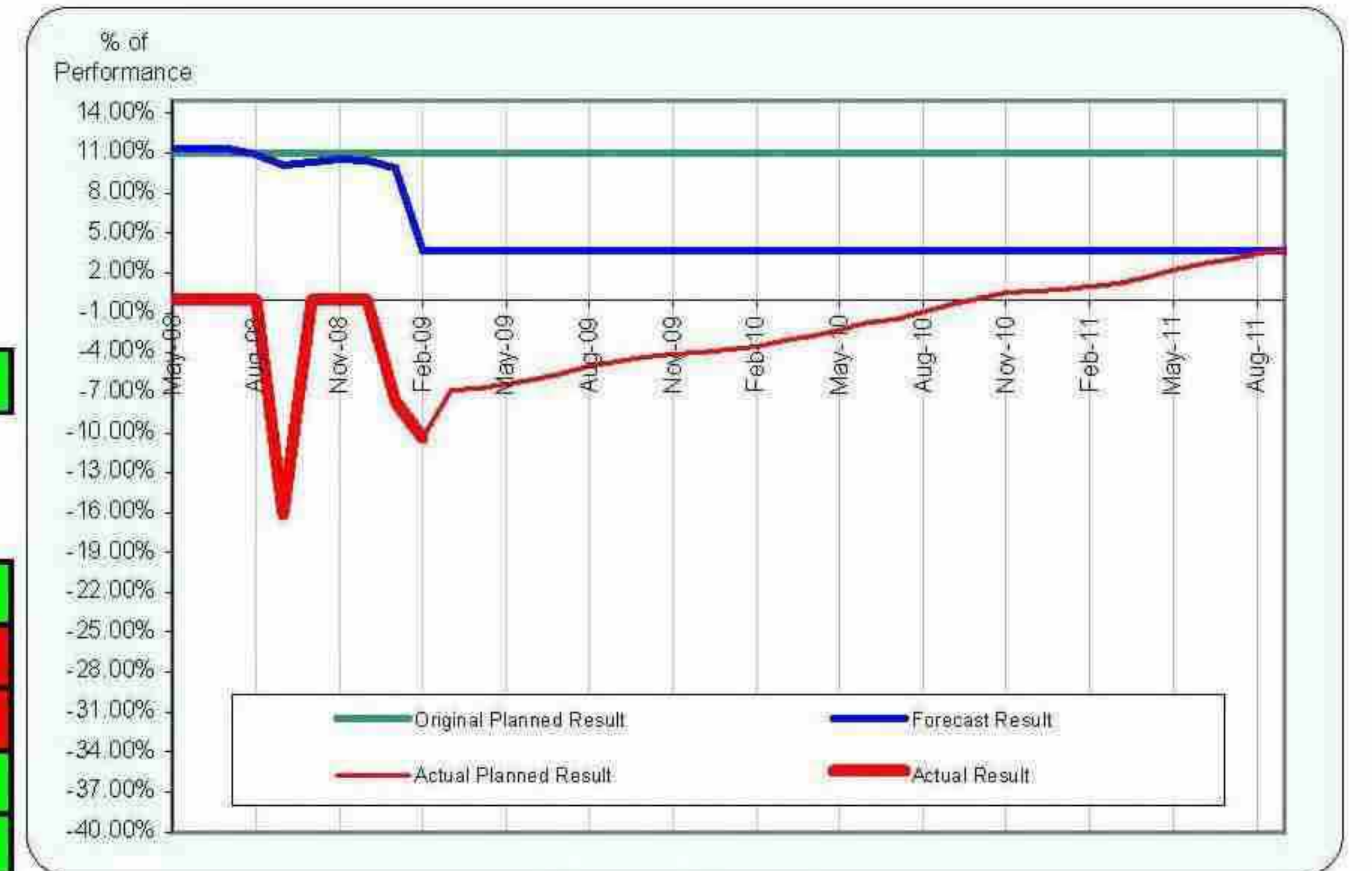
1.01 Project Overview Charts



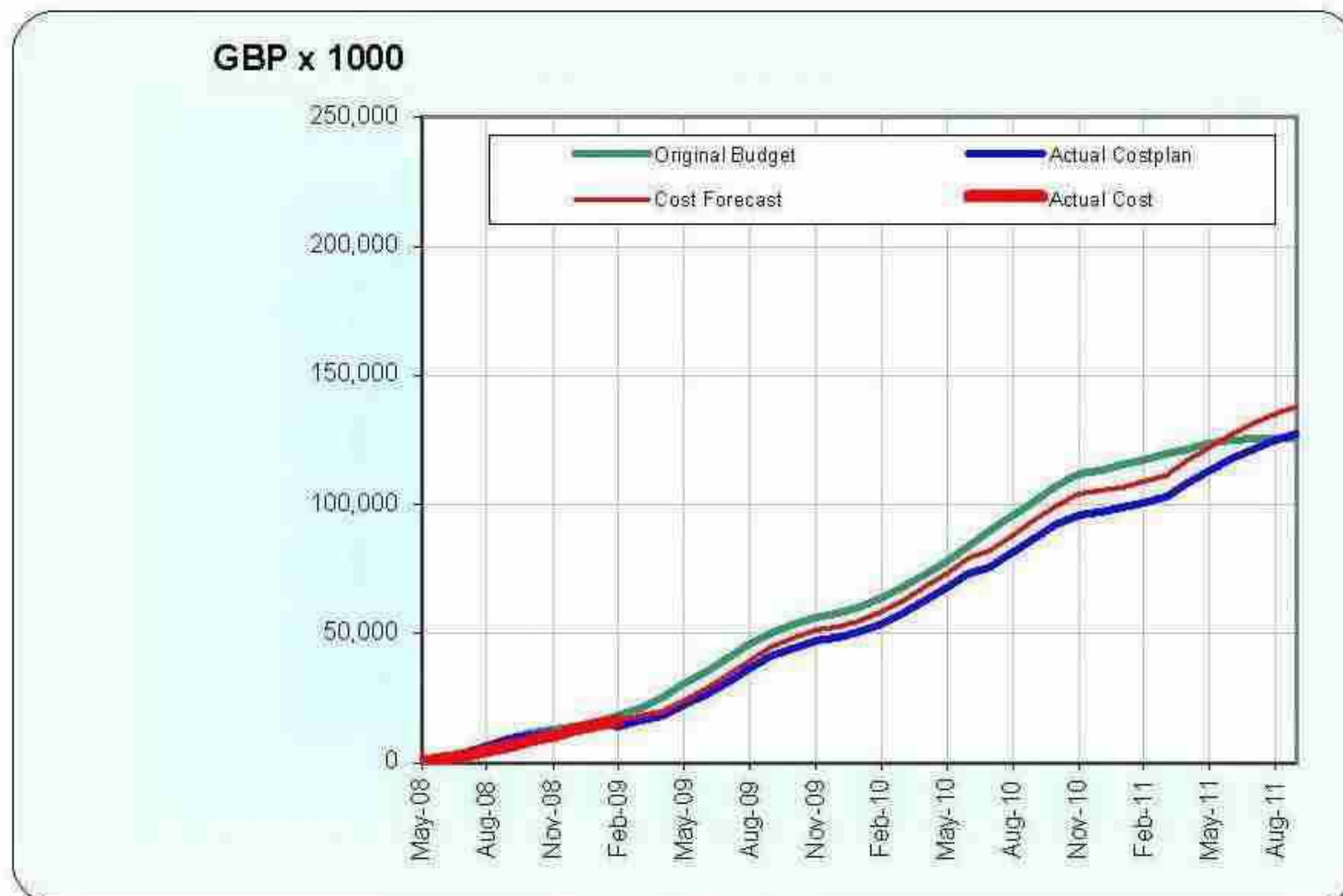
Performance

	Contract Plan (Rev.1)	Revised Plan (actual)	Forecast (actual)	Actual	Status Figures	
Construction start date	15-May-08			15-May-08		
Construction end date	16-Sep-11	16-Sep-11	16-Sep-11		0.0 month	green
Total contract value [GBPx1000]	141,509			143,055		
Claims / Variations agreed				1,076		
Claims / Variations not agreed				38,833		
Performance		14,607		15,264	104.5%	green
Project cost		14,443		16,845	111.6%	red
Result	11.07%	11.07%	3.68%	-10.36%	-7.39%	red
Payment Status		30,933		30,933	100.0%	green
Av.Perf/mth: Rem. & act. 3mth			4,048	1,601		green

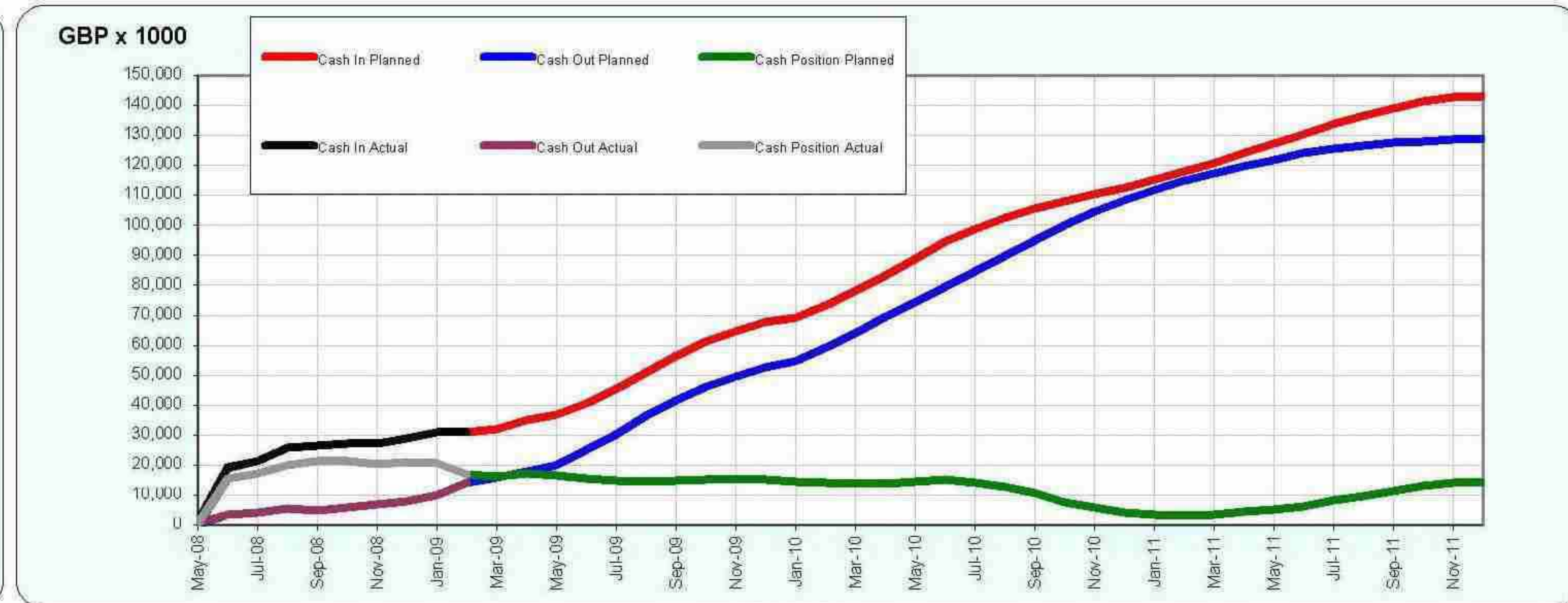
Project Key Figures



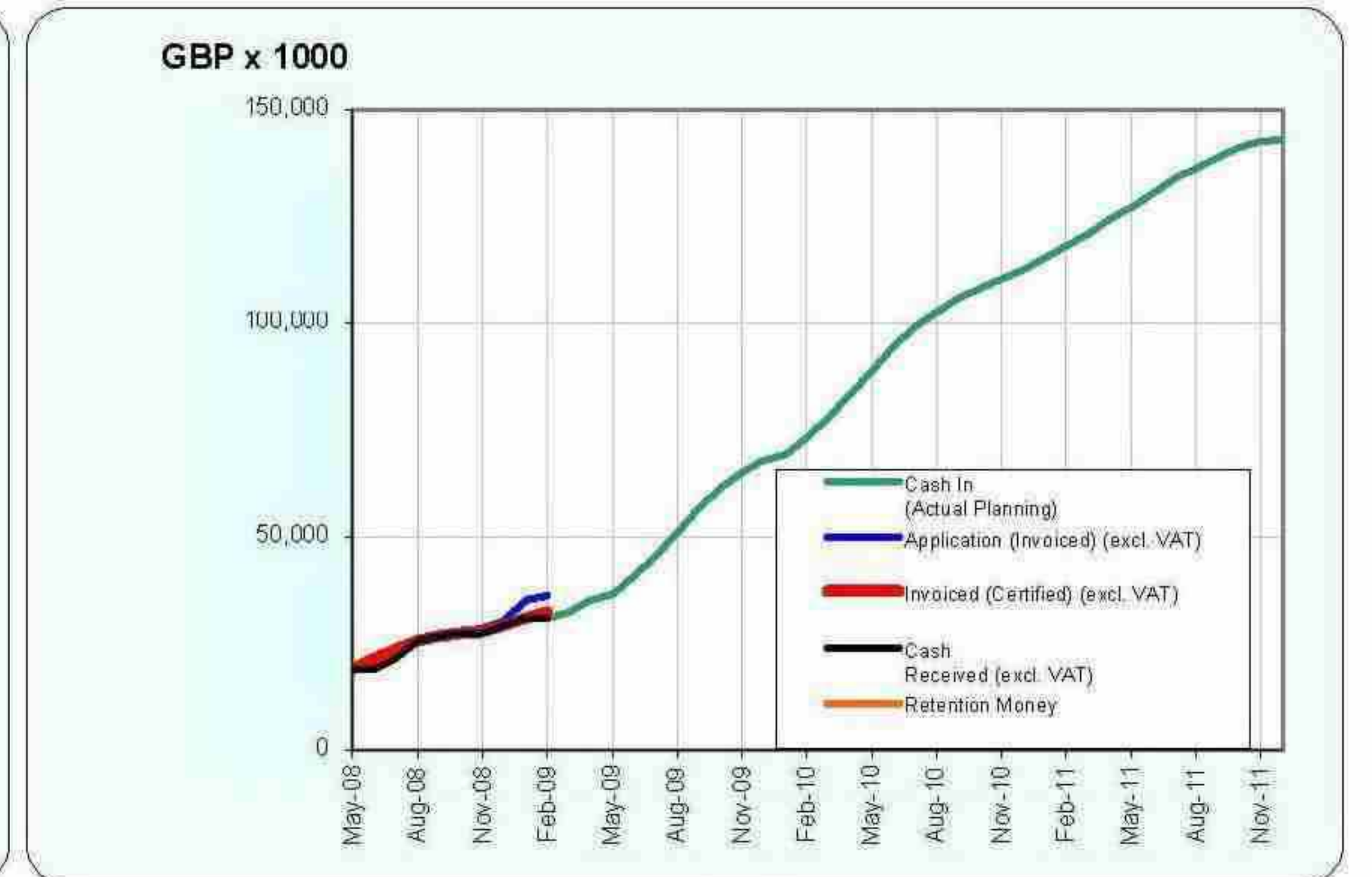
Project Result



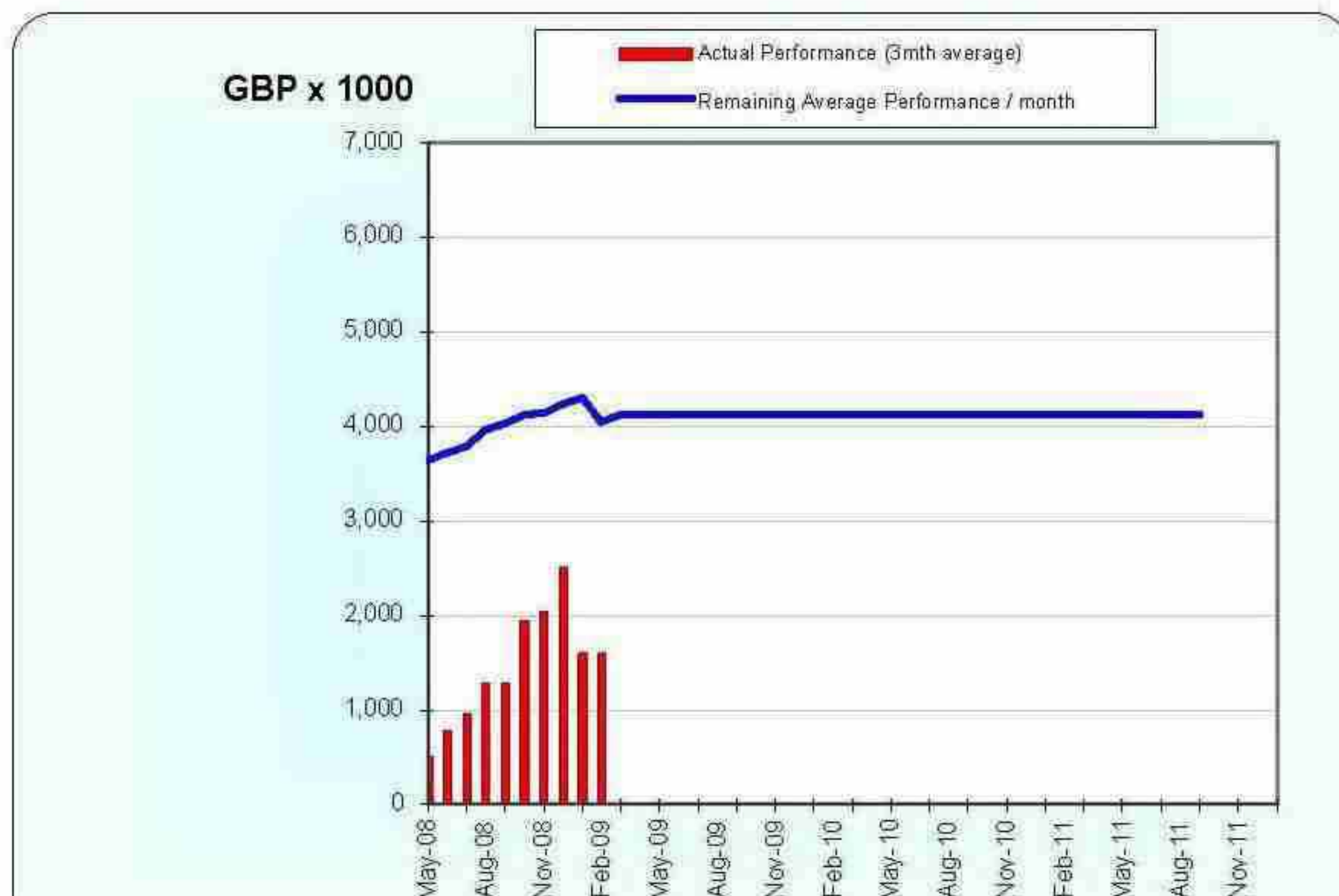
Project Cost



Cashflow



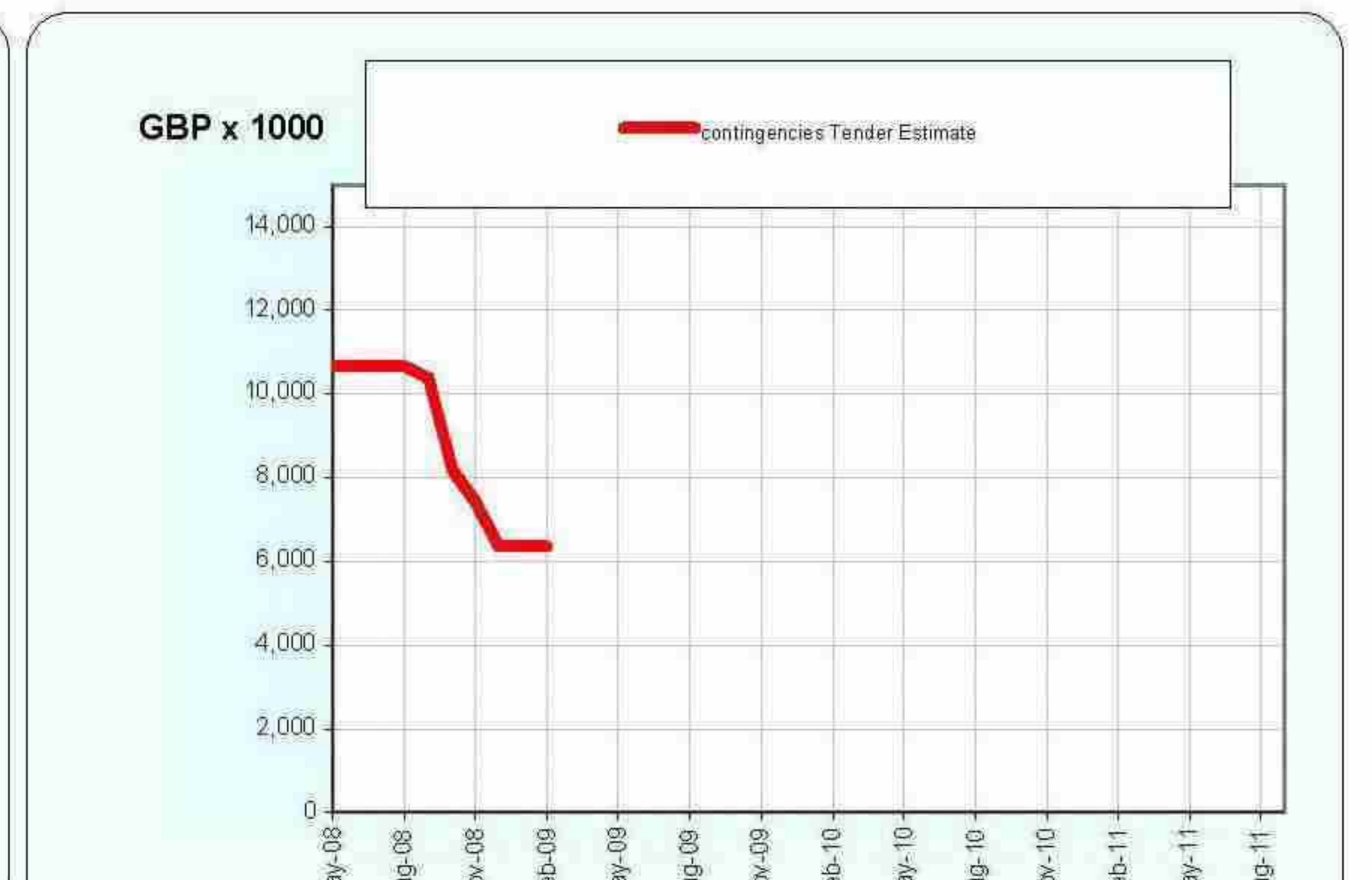
Payment Status



Remaining Performance / Resources



Milestone Trend Analysis



Contingencies vs Risks

1.02 Short note on Overview Charts

1.2.1 Performance

The current policy on site is to limit work to elements which are unaffected by change or which are the subject of acceptable instructions from the Client, such that in either case payment is secure. In practice the work available on this basis is very limited and the performance result in the month reflects this.

1.2.2 Project Cost

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

- staff (numbers and rates)
- site set up
- consultant support
- tender cost

1.2.3 Project Result (Forecast)

Due to the low performance and the running cost the loss in February 2009 increases by 535,499 GBP to a total result of minus 1,581,085 GBP.

1.2.4 Payment Status

The payments from the client tie remain in time based on the agreed invoice application before the invoice submission.

Paid net from the client: £ 30,933,127

Certified net from the client: £ 32,222,091

1.2.5 Cashflow

The ETN Project Cashflow as per 28.02.09 remains cash positive. Furthermore the achievement of Milestones in timely manner (monthly cut off dates) needs to be clarified with the client to allow or enable an optimized cashflow forecast.

The Mobilization payment about 16,000,000 GBP is still placed on the Intercompany account in between BBUK and BB AG to earn a positive project interest result.

cash in net: 30,933,127 ./ Net cash out 14,070,034 GBP = Net Cash balance BCS 16,863,092 (./ 16,000,000.00 GBP Account Germany)

1.2.6 Contingencies

The today value for in the tender estimated contingencies is 6,349,554 GBP (see attachment 3.02)

1.2.7 Construction Programme

Reporting is now against the revised Contract Programme which shows the agreed 7 1/2 week extension of time. The actual current delay against original programme is of the order of 10 months and the potential delay to the end date, based on current forecast design and access delays, is 16 months, if no mitigating action such as instructed acceleration, is taken.

Preparation of a recovery programme, to achieve best possible end date, is in progress with a view to completion in March. This programme will be based on best available data on design and access etc, and could be used in support of a negotiated acceleration package.

1.03 General Information

1.3.1 Short note on progress, events this month

Mobilisation : Mobilisation (erection of site offices only) now complete in Section 6 (Depot) .

Design : Design of civil works enhancements to suit Siemens proposals, notably for a ground improvement layer under the track, duct and OLE foundation designs which were delayed by Siemens late design finalisation and protracted negotiations with tie over payment for the design work are now in progress. Additional resources are in place to address the significant design interface workload required.

Procurement : Where work is available, subcontractors are working under limited notices to proceed but all our contractors are very concerned about the impact on their works of unresolved change issues and are unwilling to commit fully to the project at present. Negotiations with Subcontractors for on-street track and highways works, Crummock and McKenzie, have been finalised at or below tender allowances but non-availability of access means little work can be done. Subcontract prices for bridgeworks are in excess of tender allowances but the situation will be partially mitigated by recovery from the Client for changes (which are already included in the subcontractor pricing).

Construction : On-street works have recommenced in Leith Walk on a cost plus fee basis but in practice, access is very limited. We have written to tie seeking instructions to demobilise until adequate access is available. Traffic Management to allow works to commence in Princes Street was completed and traffic switched over successfully on 21st February, but no work is possible in this area due to unresolved change instructions. Off-Street works have continued on site clearance, at Edinburgh Park Bridge, and at Gogarburn Bridge to the extent possible without taking any risk for unagreed changes.

1.3.2 Significant extraordinary events

Date	Description	Remarks
	<p>Senior Management meetings with tie have continued in February to seek resolution to the fundamental commercial problems, so far with little result.</p> <p>On 20th February, tie initiated the Dispute Resolution Procedure in respect of works in Princes Street and this process is ongoing. In the meantime, no permanent work construction is in progress. The issue is attracting significant media coverage.</p>	

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

326 Changes have been notified to date - 37 by tie and 289 by Infraco.
 19 of these changes have been superseded by further changes or withdrawn.
 56 of these changes have a delay only impact and will not require an estimate.
 Therefore there are 251 changes requiring estimates.
 Of these, 14 have been agreed in full and 5 are partly agreed (application of preliminary percentages remains in dispute with tie).
 Of the 232 remaining notified Changes, 99 have been accepted in principle by tie.
 Infraco has submitted a total of 72 (of the 232) estimates for design only or design and construction.
 There are a further 13 Estimates proceeding through the internal Consortium Approvals Process.


1.04 Performance Sheet


1. General Information				2. Construction Period		Contract (Rev. 1)	Actual	Variance					
Client:	tie LIMITED			Construction start date	15-May-08	15-May-08	0 days						
Leadership:	BILFINGER BERGER UK LIMITED Share: 75%			Construction end date	16-Sep-11	16-Sep-11	0 days						
	BILFINGER BERGER VWB GMBH Share: 25%			Total excl. Site Removal	40 month	40 month	0 %						
Currency:	GBP	Rp.	(all amounts without V.A.T.)	Expired construction time	9.5 month	9.5 month	24 %						
Rate of Exchange Top Sheet:	1 GBP =	1.25 EUR	Actual: 1.14 EUR	Performance to date	15,263,565 GBP		11 %						
2. Total Contract Value				Total Previous Month		February 2009	Total Reporting Month						
Contract Value with Client	141,508,815 (incl. SDS NovaAgree) 100.00%			142,183,042	100.5%	871,938	143,054,980	101.1%					
Contract Value with 3rd Parties (without interest)				0	0.0%	0	0	0.0%					
Total Contract Value				142,183,042	100.5%	871,938	143,054,980	101.1%					
3a. Provisional Sums				Total Previous Month		February 2009	Total Reporting Month						
SDS Novation Agreement Provisional Sums				360,000	0.3%	110,000	470,000	0.3%					
3b. Claims and Variations				Total Previous Month		February 2009	Total Reporting Month						
Claims and Variations approved				314,227	0.2%	761,938	1,076,165	0.8%					
Claims and Variations submitted but not approved yet				20,885,608	14.8%	779,703	21,665,311	15.3%					
Claims and Variations under preparation				0	0.0%	17,167,330	17,167,330	12.1%					
4a. Performance				Total Previous Month		February 2009	Total Reporting Month						
Performance for Actual Contract Value with Client				13,524,254	9.51%	1,739,311	15,263,565	10.67%					
Performance for 3rd Parties (without interest)				0	0.00%	0	0	0.00%					
Total Performance to Date				13,524,254	9.51%	1,739,311	15,263,565	10.67%					
Remaining Performance to Date				128,658,788	90.49%		127,791,415	89.33%					
Actual Planned Performance				15,861,000	11.16%	-1,254,000	14,607,000	10.21%					
4b. Cost				Total Previous Month		February 2009	Total Reporting Month						
Actual Cost at Reporting Date				14,569,840	10.25%	2,274,809	16,844,649	11.77%					
5. Result				Total Previous Month		February 2009	Total Reporting Month						
Planned Result for Contract with Client	15,670,750 11.07%			15,739,663	11.07%	-31,216	15,708,447	10.98%					
Actual Result at Reporting Date				-1,045,586	-7.73%	-535,498	-1,581,084	-10.36%					
Forecast Result at the End of Contract				14,068,266	9.89%	-8,797,536	5,270,730	3.68%					
Weighted Result at the End of Contract (Likely Case)				15,792,178	9.91%	480,415	16,272,594	9.89%					
6. Invoices, Payment and Bank account				Total Previous Month		February 2009	Total Reporting Month						
Application to the client - excl. VAT	incl. Ret. Money	0	0.00%	35,090,604	24.68%	955,306	36,045,910	25.20%					
Certified by the client (Invoice) - excl. VAT	incl. Ret. Money	0	0.00%	30,933,127	21.76%	1,288,964	32,222,091	22.52%					
Cash in from the client - excl. VAT	excl. Ret. Money	0	0.00%	30,933,127	21.76%	0	30,933,127	21.62%					
Cash in from 3rd Parties - excl. VAT				0	0.00%	0	0	0.00%					
Interest income				0	0.00%	0	0	0.00%					
Cash out (excl. VAT)				10,238,980	7.20%	3,831,054	14,070,034	9.84%					
Net Liquidity	creditline	0	0%	20,694,147	14.55%	-3,831,054	16,863,092	11.79%					
7. Subcontractor Work (incl. Design)				Total Previous Month		February 2009	Total Reporting Month						
Total Portion of Subcontractor Budget	60,353,024 (incl. SDS) 42.65%			66,224,145	46.58%	0	66,224,145	46.29%					
Total Amount of signed Subcontracts incl. approved Variation Order				0	0.00%	0	0	0.00%					
Total Subcontractor Result to date				0	0.00%	0	0	0.00%					
Actual Subcontractor Costs to date (incl. Accruals)				0	0.00%	0	0	0.00%					
Therefrom invoiced to date				0	0.00%	0	0	0.00%					
8. Actual Forecast for Performance and Result in TSD GBP													
Performance	Original planned				Actual / Forecast					Yearly Forecast			
	2008	2009	2010	2011	2008	2009	2010	2011	2012	Performance and Result in 2008			
Jan		1,706	2,786	2,346		584	2,359	1,648		Performance	12,940,002	9.0%	
Feb		2,526	4,026	2,026		1,739	3,618	2,472		Result	2	0.0%	
Mrz		3,526	5,026	2,526		1,718	4,636	3,000		Performance and Result in 2009			
Apr		4,526	5,276	2,526		1,754	4,905	6,000		Performance	37,650,000	26.3%	
Mai	855	5,776	6,026	2,526		500	3,893	6,000		Result	-2,020,930	-5.4%	
Jun	1,355	5,776	6,526	1,026		1,052	4,610	6,185	6,000	Performance and Result in 2010			
Jul	2,375	5,776	6,526	1,026		1,331	5,183	3,200	4,449	Performance	55,442,000	38.8%	
Aug	2,855	6,026	6,526			1,465	5,553	6,213	4,227	Result	2,667,440	4.8%	
Sep	3,055	4,626	6,526			1,047	4,827	6,226	3,227	Performance and Result in 2011			
Okt	2,855	4,026	6,526			3,340	3,504	6,245		Performance	37,023,109	25.9%	
Nov	1,535	2,526	5,026			1,725	2,981	4,750		Result	4,624,349	12.5%	
Dez	1,446	1,866	1,706			2,481	1,303	1,435		Performance and Result in			
Total	16,334	48,678	62,498	13,999		12,940	37,650	55,442	37,023	0	Performance	143,055,111	100.0%
	Linear Calculation										Result	5,270,861	3.7%
Edinburgh,					Edinburgh,								
Place and Date,	Signature Commercial Manager				Place and Date	Signature Project Director							

1.05 Weighted Result with Chances and Risks

Revenue		best case	likely case	worst case	Cost		best case	likely case	worst case
		' GBP	' GBP	' GBP			' GBP	' GBP	' GBP
1	Actual Contract Value according to Job Site Estimate w/o integrated CO	143,055	143,055	143,055	1	Actual Cost Forecast according to Job Site Estimate incl. cost for integrated CO	-137,784	-137,784	-137,784
2	Unapproved, but in Job Site Estimate integrated Change Orders	10,025	8,285	6,896	2	Unapproved Change Orders			
3	Unapproved, but in Job Site Estimate not integrated Change Orders	28,808	13,221	11,268	3	Unapproved, but in Job Site Estimate not integrated Change Orders	-8,953	-10,504	-21,462
4.1	Value Engineering				4.1	Staff Forecast			
4.2					4.2	Employer's Requirement			
4.3					4.3	Temp. Works			
4.4					4.4	Design Costs			
4.5					4.5	Liquidated Damage			
4.6					4.6	Schedule of Rates			
4.7					4.7	Consortium Scope (Siemens)			
4.8					4.8	Subcontractors			
4.9					4.9				
4.10					4.10				
4.11					4.11				
4.12					4.12				
4.13					4.13				
4.14					4.14				
4.15					4.15				
4.16					4.16				
4.17					4.17				
4.18					4.18				
4.19					4.19				
4.20					4.20				
Σ 4.1 : 4.20	Risks not included in JSE	0	0	0	Σ 4.1 : 4.20	Risks not included in JSE	0	0	0
5.1					5.1	Value Engineering			
5.2					5.2				
5.3					5.3				
5.4					5.4				
5.5					5.5				
5.6					5.6				
5.7					5.7				
5.8					5.8				
5.9					5.9				
5.10					5.10				
5.11					5.11				
5.12					5.12				
5.13					5.13				
5.14					5.14				
5.15					5.15				
5.16					5.16				
5.17					5.17				
5.18					5.18				
5.19					5.19				
5.20					5.20				
Σ 5.1 : 5.20	Chances	0	0	0	Σ 5.1 : 5.20	Chances	0	0	0
6 =1+2+3+4+5	Forecast Final Revenue	181,888	164,561	161,219	6 =1+2+3+4+5	Forecast Final Costs	-146,737	-148,288	-159,246

	Costs	best case	likely case	worst case
Forecast Final Result (best case) (Revenue Best Case + Forecast Cost all cases)	Revenue	181,888	181,888	181,888
	Costs	-146,737	-148,288	-159,246
	Result	35,151	33,599	22,641
% Gross Margin based on Revenue Best Case	Revenue: 181,888	19.33%	18.47%	12.45%
Forecast Final Result (most likely case) (Revenue most likely case + Forecast Costs all cases)	Revenue	164,561	164,561	164,561
	Costs	-146,737	-148,288	-159,246
	Result	17,824	16,273	5,314
% Gross Margin based on Revenue Likely Case	Revenue: 164,561	10.83%	9.89%	3.23%
Forecast Final Result (worst case) (Revenue worst case + Forecast Costs all cases)	Revenue	161,219	161,219	161,219
	Costs	-146,737	-148,288	-159,246
	Result	14,482	12,931	1,973
% Gross Margin based on Revenue Worst Case	Revenue: 161,219	8.98%	8.02%	1.22%
Gross Margin previous month (most likely case)		10.68%	9.91%	9.23%

	Project: Edinburgh Tram Network as per: 28/02/2009	
2.01 Cost Reconciliation Sheet		
see attached pdf-file		

	Project: Edinburgh Tram Network as per: 28/02/2009	
2.02 Construction Programme		
see attached pdf-file		

2.06a Staff List

employe as	Depart ment	ETN Staff Mamo February 09	Estimate No.	Names	planned start date	start date	planned release date	release date	estim.	forec.	actual
									total mamo without tender portion	total mamo without tender portion	total mamo without tender portion
			33A						38	43	9.0
cloc	DC	Document Control Manager	4			04/02/08	31/12/11		0	3	3
eloe	PMC	Project Director	5			01/01/08	15/09/08	15/09/08	0	1.75	1.75
eloe	PMC	Engineering Manager	2			15/01/08	15/09/08	15/09/08	0	38	9
cloc	PMC	Personnel Assistant	1			01/04/08	31/12/11		38	42.5	8.5
cloc	PMC	Project Director	7			16/06/08	31/12/10		37	30.25	8.25
cloc	PMC	Traffic Management Manager	6			23/06/08	31/07/11	30/09/08	0	3.25	3.25
eloe	PMC	Quality Manager	6			22/10/08	31/07/11		38	33.25	4.3
cloc	PMC	Quality Manager	3			22/07/08	30/04/11		35	33.25	7.25
cloc	PMC	Health, Safety and Env. Manager	n		28/07/08	01/01/08	30/09/08	30/09/08	34	2.5	2.5
eloe	PMC	Planning Manager (Programme Man.) freel-	8			01/10/08	31/12/11		38	39	5
cloc	PMC	Project Accountant exp.	5			01/07/08	30/04/11		35	34	8
cloc	PMC	Engineering Manager exp.							38	0	0
cloc	PMC	Public Liaison Manager	10			09/06/08	31/12/11	28/02/09	8.75	8.75	8.75
eloe	PMC	Receptionist				16/02/09	31/12/11		29.25	34	0.25
cloc	PMC	Receptionist									
		Consortium staff							404	351.5	78.75
		Consortium staff									
loc	ACC	Accountant	n		01/10/08	17/06/08	31/01/09	31/01/09	0	7.5	7.5
loc	ACC	Account Assistant (Cost Clerk)	71		24/11/08	24/11/08	31/07/11		33	33	4
loc	CM	QS Assistant	n		01/09/08	01/09/08	31/12/11		0	40	6
loc	CM	Estimator Changes	n			01/01/09	30/06/09		0	3.96	1.32
loc	CO	Commercial Manager	12		25/08/08	01/09/08	31/12/11		38	40	6
loc	CO	Commercial Assistant	24		25.08.08	25/08/08	31/12/10		0	28.25	6.25
loc	CO	Clerk 2				18/09/08	31/05/10	24/10/08	4.5	8.5	4.5
loc	CO	Clerk 2				27/10/08	31/05/10	12/12/08	4.5	4.5	4.5
loc	CO	Clerk 2				22/01/09	31/05/10		17.25	8.25	0
loc	CO	QS Assistant	23			02/09/08	31/03/11		20.75	31	6
loc	CPA	Office Manager/Buyer (Purchaser)	n			08/09/08	31/12/11		0	39.75	5.75
loc	CPA	Office Manager/Buyer (Purchaser)	18			16/06/08	31/03/11		33	33.5	8.5
loc	CPA	Buyer Assistant	n			15/09/08	30/06/10		37	21.5	5.5
loc	ENG	Design Manager	n		01/10/08	01/11/08	31/12/09		38	13	3
loc	DC	Document Control Assistant	34			18/08/08	31/07/11		38	35.5	6.5
loc	DC	Document Control Assistant	71a			06/10/08	31/12/09	30/11/08	0	2.75	2.75
loc	DC	Document Control Assistant	71a			05/01/09	31/12/09		0	11.75	1.75
loc	QM	Administration Assistant	35		01/01/09	01/12/08	31/03/11		37	28	3
loc	SHE	Health, Safety, Environmental	38		15/09/08	15/09/08	30/04/11		37	31.5	5.5
loc	SHE	Environmental Engineer			01/11/08	19/01/09	30/07/11		35	30.5	1.5
loc	IT	IT Manager	n			15/06/08	31/12/10		0	15.75	4.75
loc	IT	IT Assistant	n			01/10/08	31/12/10		0	13.5	2.5
loc	PE	Planning Engineer 1 (Scheduler)	4			28/07/08	31/07/11		29	36	7
loc	SM	Construction Manager	11			14/07/08	31/03/11		34	32.5	7.5
loc	SM	Senior Engineer	56			18/02/08	31/12/10		21	31	9
loc	SALL	Works Manager, Off-Street	70			27/08/08	31/12/10		21	29	7
loc	SALL	Works Manager On-Street	43		01/09/08	01/09/08	31/12/10		24	28	6
loc	SALL	General Foreman	44			18/08/08	31/12/10		21	28.5	6.5
loc	1BCD	Section Manager 1B, C, D	39		06/10/08	06/10/08	31/12/10		26	26.75	4.75
loc	1BCD	Engineer 3	59			23/09/08	31/12/10		19.75	27.25	5.25
loc	1BCD	Engineer			01/10/08	01/10/08	31/12/10	11/10/08	0.5	0.5	0.5
loc	1BCD	Engineer			14/10/08		31/12/10		31.5	25	0
loc	1ABCD	QS Section 1A,B,C,D	16		01/07/08	01/07/08	31/03/11		28	35	8
loc	1BCD	QS Assistant	48		29/09/08	01/10/08	31/03/11		23	30	5
loc	1BCD	QS Assistant			01/10/08	15/09/08	31/03/11		23	30.5	5.5
loc	S4B	Assistant QS				07/07/08	11/09/08	11/09/08	2.25	2.25	2.25
loc	S4CD	Clerk 2				23/06/08	11/09/08	11/09/08	2.75	2.75	2.75
loc	2A,5A	Section Manager 2A,5A	n			10/10/08	31/12/10		0	31	9
loc	5ABC	Site agent 1 / Sub Agent	66			01/09/08	31/12/10		23	27.75	5.75
loc	5ABC	QS Section 5A, 5B, 5C	68		25/08/08	25/08/08	31/03/11		21	31.25	6.25
loc	5ABC	QS Assistant	49		02/06/08	02/06/08	31/03/11		21	34	9
loc	5ABC	QS Assistant	51		07/09/08	07/09/08	30/03/11		30	30.75	5.75
loc	567	Section Manager 5C(W), 6, 7	64			27/10/08	31/03/10		23	17	4
		Local staff							772	1015.7	207.82
		Local staff									
freel	CM	Claims Manager only 0.25 from 01/09/08	n			16/11/06	15/09/08	15/09/08	3	3.5	3.5
freel	CM	Claims Manager replaced Tom	n			01/09/08	31/12/11		31	40	6
freel	CM	Senior QS 1	n			26/05/08	31/12/11		0	43	9
freel	CM	Senior QS 2	n			18/06/08	31/12/11		0	42.5	8.5
freel	CM	Senior QS 4	n			23/06/08	31/12/11		0	42.25	8.25
freel	CM	Senior QS 3	n		01/08/08	04/08/08	31/12/11		0	44	7
freel	ENG	Engineer 2 (Parson Brinkerhoff 3Month)			01/11/08	07/01/09	15/04/09		14	4	2
freel	ENG	Approval Engineer (Parson Brinkerhoff 3Month)			01/10/08	19/01/09	15/04/09		38	11.5	1.5
freel	CO	QS Project	60			01/11/07	31/12/11		25	43	9
freel	CO	QS Senior System Wide	22			01/01/08	31/12/10		0	16.48	5.18
freel	CO	QS	21			16/06/08	31/03/11		23	33.5	8.5
freel	CO	Administration Assistant for QS Causeway			01/01/09	28/01/09	31/03/11	13/02/09	0.5	0.5	0.5
freel	PE	CRE Rimini Planner / (Trd parties interfaces too)	30			12/05/08	30/06/10		25	25	9
freel	SM	Land Surveyor	50			11/07/08	30/06/10	06/02/09	6.75	6.75	6.75
freel	SM	Land Surveyor	50			07/02/08	30/06/10		17.25	16.75	0.75
freel	SM	Area Materials Manager	29			01/01/08	31/05/09		0	7.75	7
freel	1A	Section Engineer	55		01/11/08	20/10/08	31/03/10	23/01/09	3.25	3.25	3.25
freel	1A	Section Engineer	55			01/02/09	31/03/10		19.75	14.25	0.5

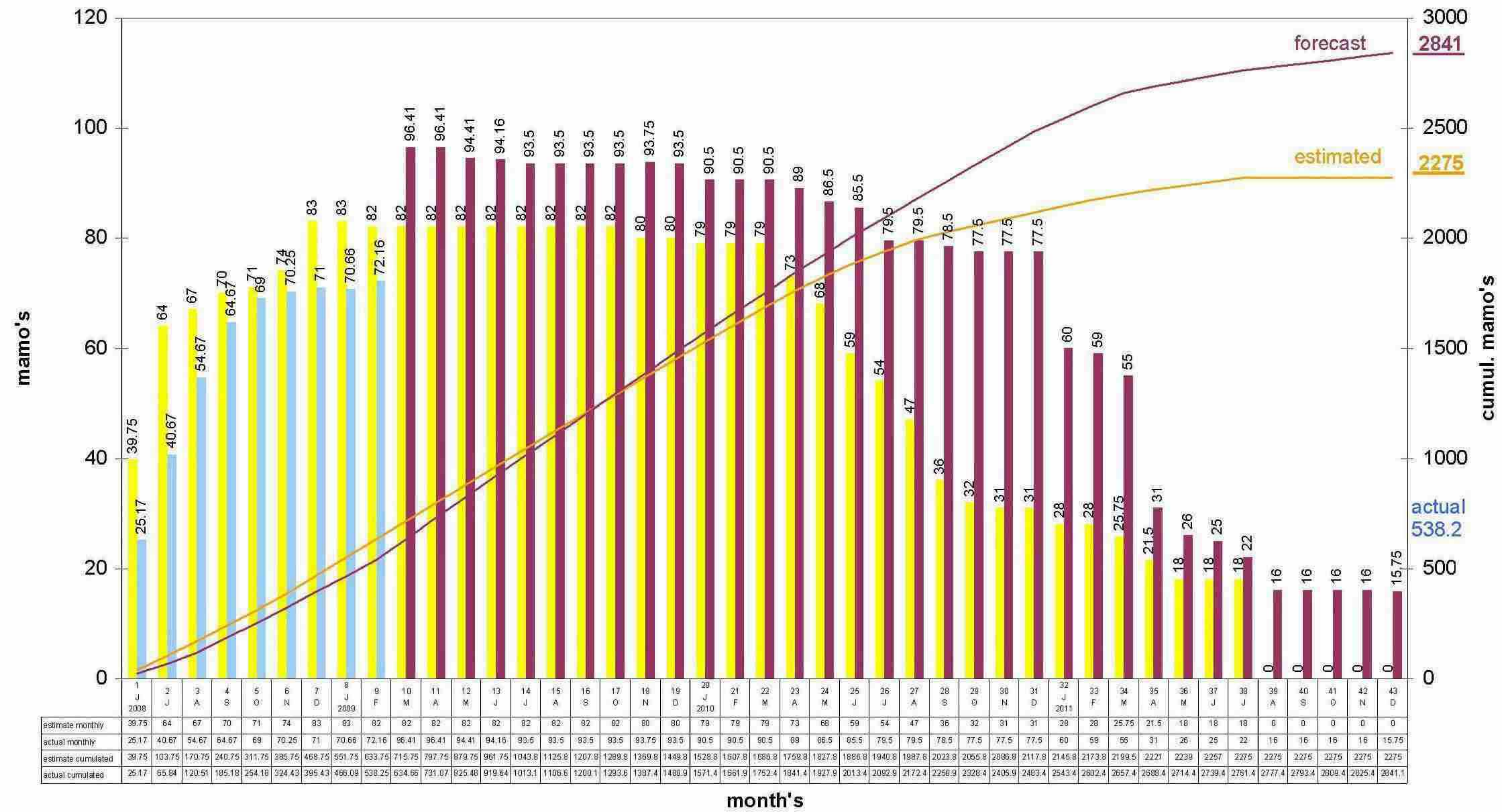
2.06a Staff List

employed as	Department	ETN Staff Mamo February 09	Estimate No.	Names	planned start date	start date	planned release date	release date	estim.	forec.	actual
									total mamo without tender portion	total mamo without tender portion	total mamo without tender portion
freel	1BCD	Site Agent	40			19/02/08	31/12/10		22	31	9
freel	1BCD	Sub Agent West	53			17/03/08	31/12/10		22	31	9
freel	1BCD	Engineer 3				24/07/08	31/12/10	30/09/08	2.25	2.25	2.25
freel	1BCD	Engineer 4 for Sec. 2A				13/07/08	30/06/10	30/09/08	5.5	5.5	5.5
		Engineer 4 for Sec. 2A				01/02/09	31/07/10		15.5	18	0
freel	1BCD	Engineer	42		01/10/08	04/08/08	30/06/10		20.5	23	7
freel	1BCD	Engineer			04/10/08	11/08/08	30/06/10	21/11/08	3	3.5	3.5
freel	1BCD	Engineer			01/10/08	11/08/08	30/06/10		24	19	0
freel	1BCD	QS Senior	45			04/08/08	31/03/11		21	32	7
freel	2A/5A	Engineer	64		04/10/08	11/08/08	31/03/10	06/02/09	6	6	6
freel	2A/5A	Engineer	61			01/03/09			16	13.75	0
freel	5ABC	Senior Engineer 2	41			18/03/08	31/12/10		23	31	9
freel	5ABC	Engineer 2	67			21/07/08	31/12/10		21	29.25	7.25
freel	5ABC	QS Senior			-	09/06/08	31/03/11	26/09/08	3.75	3.75	3.75
freel	5ABC	QS Senior	52			30/09/08	31/03/11		18.25	30	5
freel	567	Section Manager 5C(W), 6, 7	64			18/02/08	31/03/10	30/09/08	0	4	4
		Freelance staff							430.25	677.68	174.43
		Freelance staff									
exp	ENG	Design Manager 1	25		11/08/08	18/08/08	30/06/10		25	22.5	6.5
exp	ENG	Design Co-ordinator	26			16/06/08	30/06/10		25	24.5	8.5
exp	ENG	Interface Engineer	31			01/07/08	31/12/10		37	30	8
exp	ENG	Engineer 4	n			04/07/08	27/02/09	31/12/08	4	6	6
exp	CM	Engineer 1	n			17/11/08	27/02/09		19	1.25	1.25
exp	ENG	Engineer 2	n		04/08/08	04/08/08	27/02/09	31/10/08	3	3	3
exp	ENG	Engineer 3	n		04/08/08	04/08/08	27/02/09		21	7	7.0
loc	PE	Planning Engineer	n		01/02/09	01/02/09	31/12/10		34	23	0
exp	PCO	Project Control Manager	20			15/05/08	15/06/08	15/08/08	0	2.5	2.5
exp	PCO	Project Control Manager	20			14/07/08	31/07/11		0	36.5	7.5
exp	PCO	Cost Controller	19			16/06/08	30/04/11		34	34.5	8.5
exp	PCO	Cost Controller	n			04/07/08	31/12/10		0	30	8
exp	ACC	Account Assistant	n		01/03/09				0	0	0
exp	CM	Contract Strategy Manager	n		01/02/09	01/02/09	31/12/11		0	35	1
exp	CM	Change Manager	17			01/10/08	31/12/11		0	39	5
exp	CM	Estimator Changes	n			01/02/09	31/05/09		0	3	1
exp	1A	Section Manager			04/08/08	04/08/08	31/12/10	31/10/08	3	3	3
exp	1A	Section Manager			01/11/08				25	26	0
exp	SM	Package Manager, Barr and Farrane			-	14/07/08	31/07/08	31/08/08	0.5	0.5	0.5
		Expatriate staff							230.5	327.25	77.25
		Expatriate staff									
	TM	Traffic Management Engineer			01/02/09		31/12/10		30	25	0
	1BCD	Sub Agent East			01/02/09		31/12/10		19	25	0
	1BCD	Senior Engineer			01/02/09		31/12/10		24	25	0
	1BCD	Senior Engineer			01/02/09		31/12/10		21	25	0
	1BCD	Engineer			01/02/09		31/12/10		21	25	0
	2A5A	Section Manager 2A, 5A(E)			01/02/09		31/12/10		21	25	0
	5ABC	Engineer			01/02/09	29/09/08	31/12/10		3	25	0
	5ABC	Engineer			01/02/09	29/09/08	31/12/10		23	25	0
	5ABC	Engineer			01/02/09		31/12/10		17	25	0
	5ABC	Senior Engineer			01/02/09		31/12/10		22	24	0
	5ABC	Engineer			01/02/09		31/12/10		23	24	0
	5ABC	Engineer			01/02/09		31/12/10		23	24	0
	5ABC	Engineer			01/02/09		31/12/10		19	24	0
	567	Engineer			01/02/09		31/03/10		25	14	0
	SALL	General Foreman, East			01/02/09		31/12/10		25	25	0
	SALL	General Foreman, West			01/02/09		31/12/10		25	25	0
	CO	QS Section Subcontract			01/02/09		31/03/11		22	28	0
	5ABC	QS			01/02/09		31/03/11		38	28	0
	CPA	Administration Assistant			15/02/09	29/09/08	31/03/11		37.5	28	0
	ZZZ	Training					02/09/08)		0	0	0
	ZZZ	Recruitment							0	0	0
		still to be start cumulated							438.5	469	0
Total Project Staff cumulated									2275	2841	538.25

2.06b Staff Chart

Staff mammo performance Edinburgh Tram

Has to be updated with the revised program



Project: **Edinburgh Tram Network**
as per: **28/02/2009**



2.08a Approved Change Orders

Internal No.	External No.	Section	Description	Approval		Working Estimate							
				Date	Amount	Cost for performance, design & estimate	Consortium Fee	Total Indirect Costs	Total Cost	OH & P	Revenue	HKD	Stage of Completion acc. to Perf.Report
				1	2	3	4	5=3+4	6=3+5	7	8	9=7/8	10
			SDS Novation Agreement Provisional Sums	28/02/09	470,000	470,000.00			470,000.00		470,000.00	0.00%	100.00%
007	17	BSC	Hard standing at Haymarket Yards.	29/01/09	881	750.00	55.50	55.50	805.50	75.00	880.50	8.52%	100.00%
019	1	Graham	Archaeological Survey to the Caley Ale House	19/09/08	5,201	4,430.40	327.85	327.85	4,758.25	443.04	5,201.29	8.52%	100.00%
021	2	Graham	Asbestos in the Caledonian Ale House	19/09/08	5,268	4,487.50	332.08	332.08	4,819.58	448.75	5,268.33	8.52%	100.00%
023	12	Graham	Demolition of Access Steps to Haymarket Station Carpark	23/01/09	2,020	1,710.00	126.54	126.54	1,836.54	183.46	2,020.00	9.08%	
048	15	SDS	Additional TRO Drawings as SDS-Letter dated 4th July 2008	22/01/09	3,550	3,024.00	223.78	223.78	3,247.78	302.39	3,550.17	8.52%	
051	6	5A	TNC002-Utilities diversions & associated works	03/12/08	64,912	54,944.68	4,472.49	4,472.49	59,417.17	5,494.47	64,911.64	8.46%	
052	7	5B	TNC003-Utilities diversions & associated works	03/12/08	75,694	64,070.99	5,215.38	5,215.38	69,286.37	6,407.13	75,693.50	8.46%	
053	3	5C	TNC004-Utilities diversions & associated works	10/10/08	33,723	28,539.95	2,323.54	2,323.54	30,863.49	2,859.29	33,722.78	8.48%	
059	5	Graham	Notified Departure in acc. With Schedule 4 due to tie-Asbestos Survey	30/10/08	26,048	22,200.00	1,642.80	1,642.80	23,842.80	2,205.20	26,048.00	8.47%	90.60%
084	18	SDS/BSC	TNC005-Burnside road Diversion - Fees for design (INF_CORR.006)	03/02/09	720	613.29	45.38	45.38	658.67	61.33	720.00	8.52%	
087	4/13	BSC	Duct Installation at Leith Walk	22/01/09	299	255.00	18.87	18.87	273.87	25.50	299.37	8.52%	100.00%
166	8	1A	Demolition of existing garage and fuel tanks on Ocean Drive.	03/12/08	17,023	14,500.00	1,073.00	1,073.00	15,573.00	1,450.00	17,023.00	8.52%	
176	9	5C	Temporary Ramps (2 no.) at Gogar Church Road Construct Car Park	18/12/08	6,643	5,622.74	457.69	457.69	6,080.43	562.27	6,642.70	8.46%	100.00%
192	14	1B	Discovery of Cable & Wireless ducts - Chainage 108	22/01/09	161	136.36	11.10	11.10	147.46	13.64	161.10	8.47%	100.00%
237	10	Graham	Move site boundary fencing at Haymarket Car Park	17/12/08	850	719.09	58.53	58.53	777.62	71.91	849.53	8.46%	
269	20	SDS	Instructions arising from Trackform Development Workshop	13/02/09	371,058	316,063.00	23,388.66	23,388.66	339,451.66	31,606.30	371,057.96	8.52%	
271	19	SDS	Road Construction Details - Construction Methodology Statements for	13/02/09	372,540	317,325.50	23,482.08	23,482.08	340,807.58	31,732.55	372,540.13	8.52%	
272	11	5B	Starter Layer below Subsoil Level at Carrick Knowe	17/12/08	83,029	70,280.00	5,720.79	5,720.79	76,000.79	7,028.00	83,028.79	8.46%	
274	21	1C,1D	Princes Street Construction Works-closure to traffic during construction works.	13/02/09	6,547	5,576.28	412.64	412.64	5,988.92	557.62	6,546.54	8.52%	
TOTALS:					1,546,165	1,385,248.78	69,388.70	69,388.70	1,454,637.48	91,527.85	1,546,165.33	5.92%	

2.08b Unapproved Change Orders

Internal No.	External No.	Section	Description	Assessment				Status			Status of Working Estimate							Remarks	
				Maximum	assessed	Minimum	Percentage for ARRB/EA Evaluation	to be submitted	in principle agreed, but not approved	not agreed	Cost for performance, design & estimate	Consortium Fee 7.4 %	Total Cost	OH & P	Revenue	HKD	Stage of Completion acc. to Perf. Report		
				1	2	3	4=2/12		5	6	7	8	9=7+8	10	11=9+10	12=10/11	13		
1A-D		ALL	IFC dates entered into the Schedule Part 15 (Sect 1A-1D)	3,109,422	2,500,000	1,808,544	100.00%				3,109,422	2,129,471.88	157,580.92	2,287,052.81	212,947.19	2,500,000.00	8.52%	54.94%	
002		Farrans	Instruction to proceed with Hilton Hotel Car Park	90,068							90,068								
003		1C,1D	Instruction to proceed with road surveys	94,578	65,000	46,570	100.00%		46,570	48,008	55,366.27	4,097.10	59,463.37	5,536.63	65,000.00	8.52%	82.30%		
004			Instruction to proceed with Russell Road Bridge																
005			Instruction to proceed with Haymarket Viaduct																
006			Instruction to proceed with Gogarburn Bridge																
009			Various Drawing Revisions since Base Date Design Information																withdrawn
009			Archaeological Dig currently ongoing in area Gogar Tramstop - Sect. 7																
010			Archaeological Dig currently ongoing in area Gogar Tramstop - Sect. 5 C																
011			Archaeological Dig currently ongoing in area Gogar Tramstop - Sect. 5 C																withdrawn because duplicate of INTC 010
012			Archaeological Dig at Gogar Tramstop causes damage to Tram Corridor																submitted under INTC 60
013			Notified Departure due to CEC Planning consents delay communicated																withdrawn because duplicate
014			No completion of 800 mm dia Water Main Diversion in Depot Area																
015			No completion of 250 mm dia Water Main Diversion in Depot Area																
016			No completion of 1500 mm dia Sewer Diversion in Depot Area																
017	x		South Gyle Access Bridge west abutment piled foundations	2,000	1,000	750		2,000											estimate withdrawn, abortive costs of preparing initial estimate, superseded by 17a
017a		SDS	South Gyle Access Bridge west abutment piled foundations	286,598	275,000	260,000	100.00%				286,598	234,241.91	17,333.90	251,575.81	23,424.19	275,000.00	8.52%		
018		barr	No completion of various Utility Diversions in Depot area	39,187	30,000	20,000	100.00%				39,187	25,553.66	1,890.97	27,444.63	2,555.37	30,000.00	8.52%		Revised Estimate submitted
022			Disconnect Utilities to Calcey No House																withdrawn
022			Asbestos in th existing Steps to Haymarket Station Carpark																
024			Instruction to proceed with Verity House Access Road pre IFC																withdrawn
025			Instruction to proceed with demolition of Calcey No House pre IFC																withdrawn
026			Delay to Issue of Picardy Place (Batch 1/13) to CEC for Prior Approval																
027			Delay to IFC Submissions (Sect. 1 D) due to changed approval periods																
028			Delay to IFC Submissions (Sect. 1 B) due to changed approval periods																
029			Haymarket Station Carpark Access Road - additional and revisions																
030		SDS	Instruction to SDS to accelerate Delivery of IFC to Meet BBS	21,184							21,184								
032			Single handrail to Leith Road Bridge																withdrawn
032			CEC failure to approve within agreed timescales																
033			Network Rail failure to approve within agreed timescales																
034			New Requirements by Public Realm Design Workbook (SDS Letter 643)																
035			New Requirements by Public Realm Design Workbook (SDS Letter 643)																withdrawn because duplicate
036			Delay and Disruption to Crew Road Gardens Bridge IFC																
037			Delay and Disruption Roseburn Terrace Bridge, Tramstop, Ret Walls																
038			Delay and Disruption to Roads detailed design as SDS Letter 010/4																
039			Delay and Disruption to Roads detailed design as SDS Letter 010/4																
040			Delay and Disruption to Ground Investigation																
041			Delay and Disruption to Havelston Tramstop, Lykes Bridge																
042		SDS	Delay and Disruption to Havelston Tramstop Landscaping	2,855	2,500	2,000	100.00%				2,855	2,129.47	157.58	2,287.05	212.95	2,500.00	8.52%		
043	x		Amended design for Shandwick Place Lighting	50,000				50,000											
044		1A	Amendments to Ocean Terminal Layout	125,932	75,000	-25,000	100.00%		-25,201	151,133	63,884.16	4,727.43	68,611.59	6,388.42	75,000.00	8.52%		reduction of scope of work, therefore decrease of initially submitted amount	
045			Delay and Disruption due to amended design A25620 Balfour St Tram Stop																
046			Delay and Disruption due to amended design SDS2500040																
047			Delay and Disruption due to amended design SDS24720																
048	15	SDS	Additional TRO Drawings as SDS-Letter dated 4th July 2008	446							446								
049		1A	TNC 6 Bernard Street Public Realm Works	1,224,685					720,358	504,326									
050			Various Traffic Signal requirements letter																
053	3	5C	TNC004-Utilities diversions & associated works	93,334	41,277						93,334								just concerning Siemens
054		1C/BSC	TNC007-St Andrew Square Public Realm Works as CEC specification	9,934,438					4,170,130	5,764,307									partly approved
055			Delay & Disruption due to late approval CEC of SDS 27980																
056			Delay & Disruption by CEC due to late registering Section 1A Batch 1/08																
057			Delay & Disruption due to late approval CEC of Section 1 D																
058			Notification from CEC with respect to road safety Auditors comments for Haymarket																
060		Farrans/SDS	Diversion of Existing Sewer at Gogarburn Bridge - conflict with the 300 mm dia	49,018	30,000	25,945	100.00%		25,945	23,073	25,553.66	1,890.97	27,444.63	2,555.37	30,000.00	8.52%	100.00%		
061		Farrans/SDS	Infra to investigate proposals for re-use of RBS Bundled Material	109,274	50,000	30,000	100.00%				109,274	42,589.44	3,151.62	45,741.06	4,258.94	50,000.00	8.52%	100.00%	
062			Draw down from Defined Prov/Sum Item 2 - Power connections to Depot																
063			Trolley Wire for Street Running Areas & Catenary - Haymarket to Airport																
064			TNC009 - Ocean Terminal Revised Finishes																estimate withdrawn, revised to be submitted again
065		SDS	Murrayfield Retaining Walls - Introduce Visual Pattern to Murrayfield RTW	3,346	2,750	2,500	100.00%				3,346	2,342.42	173.34	2,515.76	234.24	2,750.00	8.52%		

2.08b Unapproved Change Orders

Internal No.	External No.	Section	Description	Assessment				Status			Status of Working Estimate							Remarks
				Maximum	assessed	Minimum	Percentage for ARRIBA-Evaluation	to be submitted	in principle agreed, but not approved	not agreed	Cost for performance, design & estimate	Consortium Fee 7.4 %	Total Cost	OH & P	Revenue	HKD	Stage of Completion acc. to Perf. Report	
				1	2	3	4=2/12	5	6	7	8	9=7+8	10	11=9+10	12=10/11	13		
066			TNC 013: RBS Gogarburn Tramstop Feasibility cost														withdrawn, scope of works has changed, superseded by INTC 66a (abortive costs included)	
066a	Farrans/SDS/BS/C		Revised specification (RBS) Gogarburn Tramstop Version 2	2,049,589	1,750,000	1,590,000	100.00%			2,049,589	1,490,630.32	110,306.64	1,600,936.97	149,063.03		1,750,000.00	8.52%	
067	SDS		Murrayfield Tramstop - Provision of Secondary Staircase	38,639	25,000	15,000	100.00%			38,639	21,294.72	1,575.31	22,870.53	2,129.47		25,000.00	8.52%	
068			Edinburgh Park - Earthworks and Drainage IFC Drawings															
069			Gyle Stop Retaining Walls															
070			Bankhead Retaining Walls															
071			FoW to Balfour Street IFC Drawings (As 68)															
072			Haymarket to Roseburn Junction - SW Consent Issue (As 68)															
073	x		Russel Road Retaining Wall - Contamination Hogweed	750	500	400		750										
074	x		Sewer Diversion, Gogar Landfill	750	500	500		750										
074a	x		Sewer Diversion, Gogar Landfill	25,000	20,000	15,000		25,000									superseded by INTC 74a, submit estimate for abortive cost	
075	Farrans		Temporary Access Ramp from Depot	14,348	12,500	10,000	100.00%			14,348	10,647.38	787.90	11,435.28	1,064.74	12,500.00	8.52%		
076			Gogar Depot Public Tramstop proposals GRIP options 4B & 4C2															
077	5A/B/C/SDS		DESIGN ONLY to Amend line of route design section 5#c (Batch 5/22)	65,968	45,000	30,000	100.00%			65,968	38,330.49	2,836.46	41,166.95	3,833.05	45,000.00	8.52%		
078	SDS		Design only for alterations to design of Edinburgh Airport	50,194	45,000	40,000	100.00%			50,194	38,330.49	2,836.46	41,166.95	3,833.05	45,000.00	8.52%		
079	SDS		Instruction from CEC to design an alternative layout for Haymarket Junction	53,856						53,856							Estimate is for Design only	
080	SDS		Gogarburn Retaining Wall-CEC requesting change to finish of the wall	4,999	4,500	4,000	100.00%			4,999	3,833.05	283.65	4,116.70	383.30	4,500.00	8.52%		
081	SDS		Environmentally Friendly Lighting - C&C have requested using 42 pit lamp	11,366	9,500	8,500	100.00%			11,366	8,091.99	598.81	8,690.80	809.20	9,500.00	8.52%		
082	x		Contamination - fly tipping	4,000	2,500	1,500		4,000										
083			Traffic Management - Temporary Traffic Signals															
085	x		INC008 - Lindsey Road Retaining Wall Cost Estimate	1,200,000	900,000	750,000		1,200,000										
086	x		Request for Extended Period of Time - INC010	1,700,000	1,250,000	1,000,000		1,700,000										
088			Power Connections Phase 1a														only concerning Siemens	
089	x		Balfour Street Crossing	12,000	10,000	7,500		12,000										
090	SDS		Change order request SDS Development Workshop Attendance	71,464						71,464								
091	5A/B/C		Confirmation of Verbal Instruction Reference ETN002	405,631	300,000	250,000	100.00%			405,631	255,536.62	18,909.71	274,448.34	25,553.68	300,000.00	8.52%		
092			Design the Russell Road retaining wall														withdrawn	
093	SDS		Linsay Road, Ocean Drive, Ocean Terminal, Tower Place Planning Permission	47,637						47,637								
094			Hilton Hotel Full Planning														estimate withdrawn, revised to be submitted again	
095			Additional Depot Prior Approvals														estimate withdrawn, revised to be submitted again	
096	SDS		Shandwick Place DED preferential Treatments	58,742	52,500	50,000	100.00%			58,742	44,718.91	3,309.20	48,028.11	4,471.89	52,500.00	8.52%	Estimate for Preliminary Design only, not for the full design	
097	SDS		Balgreen road Bridge Amending Technical Design	2,988						2,988							Design Estimate only	
098			Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5.															
099			Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5.															
100			Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5.															
101			Infraco Notifications due to issue of SDS programme V32, V33, V34 and V5.															
102			Section 5C - Gogar Church and Gogar Castle															
103			Saltire Square Tramstop															
104	x		IFC Drawing Change Baird Drive RTW	1,126,176	800,000	700,000		1,126,176										
105	x		IFC Drawing Change Balgreen Road Retaining Wall	741,009	500,000	450,000		741,009										
106	x		IFC Drawing Change Murrayfield Stadium RTW	1,400,000	1,100,000	1,000,000		1,400,000										
107	x		IFC Drawing Change Bankhead RTW	604,805	400,000	350,000		604,805										
108	x		IFC Drawing Change Gyle Stop RTW	106,000	75,000	60,000		106,000										
109	x		IFC Drawing Change Murrayfield Underpass	30,000	25,000	20,000		30,000										
110	x		IFC Drawing Change South Gyle Access Bridge	500,000	400,000	350,000		500,000										
111	x		IFC Drawing Change Gogarburn Bridge	100,000	75,000	60,000		100,000										
112	x		IFC Drawing Change Haymarket Viaduct	60,000	50,000	40,000		60,000										
113	x		IFC Drawing Change Russell Road Bridge	60,000	50,000	40,000		60,000										
114	x		IFC Drawing Change Roseburn Viaduct	125,000	100,000	75,000		125,000										
115	x		IFC Drawing Change Carricknowe Bridge	275,000	225,000	200,000		275,000										
116	x		IFC Drawings Water of Leith Bridge	60,000	50,000	40,000		60,000										
117			Extra Demolition required at Russell Road Retaining wall															
118			IFC Drawing Change Cathedral Lane Sub Station															
119	x		IFC Drawing Change Leith Walk Sub Station	12,500	10,000	7,500		12,500										
120			IFC Drawings Demolition & reinforcing existing building for Leith Walk Sub															
121	x		Urban Traffic Controls (UTC) associated with delivery of the alignment	1,750,000	1,500,000	1,350,000		1,750,000										
122			Delay in receipt of C&C prior approval Sections 1A1 & 1A2															
123	1A		Forth Ports Agreement and Design Completion	55,842	40,000	30,000	100.00%			55,842	34,071.59	2,521.29	36,592.84	3,407.16	40,000.00	8.52%		
124	ALL		Requirement for Contractors License for Network Rail Related Works	1,021,439	950,000	850,000	100.00%			1,021,439	809,199.32	59,880.75	869,080.07	80,919.93	950,000.00	8.52%		
125	x		Unforeseen Ground Conditions at Haymarket Viaduct	15,000				15,000										

2.08b Unapproved Change Orders

Internal No.	External No.	Section	Description	Assessment				Status			Status of Working Estimate							Remarks
				Maximum	assessed	Minimum	Percentage for ARRIBA-Evaluation	to be submitted	in principle agreed, but not approved	not agreed	Cost for performance, design & estimate	Consortium Fee 7.4 %	Total Cost	OH & P	Revenue	HKD	Stage of Completion acc. to Perf. Report	
				1	2	3	4=2/12	5	6	7	8	9=7+8	10	11=9+10	12=10/11	13		
126	x		Revised design for OLE poles in Section 1B	12,500	10,000	7,500		12,500										
127		SDS	Split Packages for Prior Approvals: Ocean Terminal to Port of Leith.	5,734					5,734									
128	x		CEC request for change to roads design at Edinburgh Park Station	6,000	5,000	4,000		6,000										
129			CEC's Request for Extension of Time for Prior Approvals 1/01a, 1/01b, 1/01c															
130			Delay to issue of IFC Drawings for Ingliston Park and Ride Tram Stop															
131			Delay to Section 1B due to MUDFA not having completed its works.															
132			War Memorial Relocation (Psum)														withdrawn because duplicate	
133			Additional cost to mobilisation at Gogar. Additional Varioguard required															
134			Lighting Columns required to be relocated at A8 Underpass															
135			Balgreen Road - Demolition of Railway Structure															
136			Picardy Place - add design work & additional works to pavements Playhouse														withdrawn	
137			Sect. 1A1 and 1A2 - CEC's proposed amendments to tree build-outs															
138		SDS	Design the piled foundations to the Water of Leith Bridge	33,567	30,000	27,500	100.00%		33,567	25,553.66	1,890.97	27,444.63	2,555.37	30,000.00	8.52%			
139		1B	Revised location of OLE poles in Section 1A at the request of CEC.	8,333					8,333									
140			Delay to issue of IFC Drawings for															
141		SDS	West End Tramstop - revised requirements from CEC/te.	17,082	15,000	12,500	100.00%		17,082	12,776.83	945.46	13,722.32	1,277.68	15,000.00	8.52%			
142			Christmas and Festival Suspensions - conflict of information.														withdrawn - contract embargos apply	
143			CEC's intent to adopt private roads between Lochside Crescent and Avenue.															
144			Land drains encountered in pasture area ch / 10500 / 10800															
145			Additional work arising from CEC's additional comments on Section 5C															
146	x		IFC Drawing Change Russell Road RTWs 1,2,3 & 4	600,000	500,000	400,000		600,000										
147	x		IFC Drawings Change Murrayfield Training Hitches	917,000	700,000	650,000		917,000										
148	x		IFC Drawing Change Balgreen Road Underbridge	2,500	2,000	1,500		2,500										
149			Removal and deposition of material from previous works section 7															
150			IFC Drawing Changes S 21 Rosebank Viaduct															
151		1B	Excavate and replace existing BO material within existing utility trenches.	47,458	25,000	20,216	100.00%		20,216	27,240	21,294.72	1,575.87	22,870.53	2,129.47	25,000.00	8.52%		
152	x		IFC Drawing changes Vertical & horizontal Alignment Section 5 Sheets 1-26	5,000	4,000	3,000		5,000										
153	x		IFC Drawing changes Soft Landscaping Section 5 sheets 1 to 26	12,500	10,000	7,500		12,500										
154			IFC Drawing changes OLE Section 5 sheets 1 to 13															
155	x		IFC Drawing changes Gogarburn RTWs 15A, 15C, 144D	125,000	100,000	75,000		125,000										
156			IFC Drawing changes Stops Edinburgh Park Saughton and South Gyle															
157	x		Survey of Existing Drainage (Gogar Landfill)	2,500	2,000	1,500		2,500										
158		Graham	Provisional Sum - Provide Crew Relief Facilities at Haymarket Station Viaduct	140,401	125,000	115,000	100.00%		140,401	106,473.59	7,879.05	114,352.64	10,647.36	125,000.00	8.52%			
159		1	Provisional Sum - Relocation of Ancient Monuments	208,526	185,000	180,000	100.00%		208,526	157,580.92	11,660.93	169,241.91	15,758.09	185,000.00	8.52%			
160	x		IFC Drawing changes - Edinburgh Park Bridge	350,000	250,000	200,000		350,000										
161			Traffic Management - Temporary Traffic Signals															
162			Bus Tracker, TPDS and Radio														only concerning Siemens	
163		Graham	Haymarket Taxi Stance	27,525	25,000	22,500	100.00%		27,525	21,294.72	1,575.87	22,870.53	2,129.47	25,000.00	8.52%			
164			Delayed Listed Building Consent Applications															
165			Delayed issued of IFCs for Section 1A4															
167	x		Accommodation Works to Wanderers Clubhouse Building at Murrayfield	100,000	75,000	60,000		100,000										
168		bAB/C	Demolition of existing building at 33 Ocean Drive.	5,870	4,000	3,000	100.00%		5,870	3,407.16	252.12	3,659.28	340.72	4,000.00	8.52%			
169		1C	Demolition of Police Box Coffee Bar - Picardy Place	22,495	19,000	17,500	100.00%		22,495	16,183.99	1,197.67	17,381.61	1,618.40	19,000.00	8.52%			
170			Demolition and alteration of existing building at Cathedral Lane															
171		Haber	Contract with Faber Maunsell for Transit and Linsig Modelling Assessments.	28,852	20,000	15,000	100.00%		28,852	17,035.73	1,260.65	18,296.42	1,703.58	20,000.00	8.52%			
172		SDS	Traffic Modelling - Pedestrian Crossing Timings Standard	43,290					43,290									
173			Discovery of underground petrol tank at National Car Rental Site.															
174	x		Discovery of new BT ducts under kerb line in Section 1B	1,000	750	500		1,000										
175			Extended Construction Support and Design Support Team														INTC withdrawn - refer to Schedule Part 4 Clause 4.7	
177			Harbour Trunkwork Storage Area														only concerning Siemens	
178			Mandatory tie Change - No instruction issued by tie at trigger date															
179		5A	Gatehouse Works to Murrayfield Stadium	108,664	100,000	95,000	100.00%		108,664	85,178.88	6,303.24	91,482.11	8,517.89	100,000.00	8.52%			
180			Reduced land available at Murrayfield as a result of Third Party Agreement.															
181			CEC's requirement for a road closure at Roseburn Terrace															
182		SDS	Edinburgh Airport Tramstop Kiosk	14,062	12,000	11,000	100.00%		14,062	10,221.47	758.33	10,977.85	1,022.15	12,000.00	8.52%			
183			Leith Walk - temporary white lining															
184	x		Discovery of void around existing B1 Duct - Chainage 360 RHS	600	500	400		600										
185			Discovery of 11 bus Ducts and Gas Main - Chainage 374 RHS															
186			CEC's requirement - specification temporary bus shelters on George Street.															
187	x		Additional excavated material at Depot	750,000	600,000	500,000		750,000										

2.08b Unapproved Change Orders

Internal No.	External No.	Section	Description	Assessment				Status			Status of Working Estimate							Remarks
				Maximum	assessed	Minimum	Percentage for ARRIBA-Evaluation	to be submitted	in principle agreed, but not approved	not agreed	Cost for performance, design & estimate	Consortium Fee 7.4 %	Total Cost	OH & P	Revenue	HKD	Stage of Completion acc. to Perf. Report	
				1	2	3	4=2/12	5	6	7	8	9=7+8	10	11=9+10	12=10/11	13		
187.1			Additional excavated material at Depot - Investigate options to reuse															
188	x		Contaminated Material at Carricknowe	20,000	15,000	12,500		20,000										
189	x		Discovery of Low Voltage Cable in Road Formation	800	500	400		800										
190	x		Discovery of Gas Main - Chainage 353 RHS	1,200	1,000	800		1,200										
191	x		Discovery of concrete-encased lighting cable - Chainage 339 RHS	800	500	400		800										
193	x		Discovery of Hydrant in kerb line - Chainage 333 RHS	175	150	125		175										
194	x		Discovery of Duct Crossings - Chainage 268 RHS	1,200	1,000	800		1,200										
195		1B	Discovery of temporary pedestrian crossing lighting ducts	1,041	650	600	100.00%		1,041	553.66	40.97	594.63	55.37	650.00	8.52%			
196		SDS	Little King Street works required by CEC outside the Limits of Deviation	11,116	10,000	9,000	100.00%		11,116	8,517.89	630.32	9,148.21	851.79	10,000.00	8.52%			
197		5A/B/C	Cycle path near Gyle transtop	12,539	10,000	9,000	100.00%		12,539	8,517.89	630.32	9,148.21	851.79	10,000.00	8.52%			
198		SDS	Gogar Roundabout Lighting	5,147	4,500	4,000	100.00%		5,147	3,833.05	283.62	4,116.70	383.30	4,500.00	8.52%			
199			IFC Drawing changes - Balgreen bridges 22 and 22a															
200			IFC Drawing changes - Saughton Bridge															
201	x		IFC Drawing changes - Depot Access Bridge	250,000	200,000	150,000		250,000										
202	x		IFC Drawing changes - Gogarburn Culverts 1, 2 and 3	40,000	30,000	20,000		40,000										
203	x		IFC Drawing changes - Gogarburn Depot	600,000	250,000	200,000		600,000										
204	x		IFC Drawing changes - Roads, Streetlighting, Drainage Section 5B	750,000	600,000	500,000		750,000										
205	x		IFC Drawing changes - Roads, Streetlighting, Drainage Section 5C	600,000	500,000	400,000		600,000										
206	x		IFC Drawing changes - blankhead tramstop	2,000	1,500	1,000		2,000										
207		Farrans	Scottish Gas Networks - Final Investigations to protect gas main at Culvert 2	1,085	900	845	100.00%		845	766.61	56.73	823.34	76.62	900.00	8.52%	100.00%		
208	x		Leith Walk Christmas Embargo	175,000	150,000	125,000		175,000										
209	x		IFC Drawing changes - McDonald Road and Balfour Street Tram Stops	2,000	1,500	1,000		2,000										
210			IFC Drawing changes - Road, Lighting, Landscaping and Drainage Sect. 1B															
211	x		IFC Drawing changes - Haymarket Tram Stop	2,000	1,500	1,000		2,000										
212			IFC Drawing changes - Roads, Street Lighting, Landscaping and Drainage															
213	x		IFC Drawing changes - Haymarket Station Substation	2,500	2,000	1,500		2,500										
214	x		Allow bus traffic to continue to run westbound along Princes Street	25,000	20,000	15,000		25,000										
215	x		Demolition and alteration of existing Bus Depot at Leith Walk	350,000	300,000	250,000		350,000										
216	x		Discovery of alkathene water pipe above formation level - Chainage 265 RHS	175	150	125		175										
217	x		Discovery of THUS ducts above formation level and fouling kerb line - 250 RHS	800	500	400		800										
218	x		Discovery of 2 No. LV and 1 No. LV cables above formation level - 182 RHS	425	270	250		425										
219	x		Discovery of Hydrant above formation level - Chainage 177 RHS	300	250	200		300										
220	x		Discovery of Water connection pipework above formation level - 161 RHS	600	500	400		600										
221	x		Mudfa excavations containing water main and connections - 125 RHS	2,500	2,000	1,500		2,500										
222	x		Discovery of valves and a hydrant fouling the new kerb line - 120 RHS	600	500	400		600										
223	x		Discovery of stone culvert - Chainage 100 RHS	1,770	1,100	1,000		1,770										
224			Discovery of Scottish Power cables - Chainage 90 RHS														Withdrawn - no action required.	
225		1B	Repairs required to footpath to allow pedestrian access - Chainage 170 RHS	474	400	350	100.00%		474	340.72	25.21	365.92	34.07	400.00	8.52%			
226			Operational Design Review of Depot - changes arising															
227			Operational Design Review of Haymarket - changes arising															
228	x		Relocation of bus stop outwith LOD at Princes Mall	1,250	1,000	750		1,250										
229			Picardy Place design changes															
230	x		IFC Drawing Changes - Tower Bridge Structure	80,000	50,000	40,000		80,000										
231	x		IFC Drawing Changes - Section 1C drainage	-30,000	-25,000	-20,000		-30,000										
232			IFC Drawing Changes - Section 1C road design															
233			IFC Drawing Changes - Section 1C lighting layout															
234	x		Leith Walk (Section 1B) Groundworks - Move THUS ducts - Ch 345 - 365	800	500	400		800										
235	x		Leith Walk (Section 1B) Groundworks - Move BT ducts - Ch 345 - 365	600	500	400		600										
236	x		Options for drainage outfall consent at the Airport	3,000	2,500	2,000		3,000										
238	x		Temporary Traffic Lights opposite Manderson Street required	6,000	5,000	4,000		6,000										
239		1B	Additional Trial Holes at CH145 - CH160 (Section 1B)	836	500	500	100.00%		836	425.83	31.52	457.41	42.58	500.00	8.52%			
240	x		Removal and Reinstatement of BT Phone Box	2,500				2,500										
241			MUDFA has commenced works on Bankhead Dr preventing Infraco progress															
242	x		TRO Presentations by SDS to the public during September 2008	2,500	2,000	1,500		2,500										
243		SDS	Forth Ports Substation - lack of as-built information	8,538	7,500	6,500	100.00%		8,538	6,388.42	472.74	6,861.16	638.84	7,500.00	8.52%			
244		ALL	Building Fixing Owner Agreements - Info required due to Court Proceedings	17,750					17,750									
245			Accommodation Works SHU Murrayfield - Major Event Notification															
246			Notified Departure due to the issue of SDS Design programme V35															
247			Notified Departure due to the issue of SDS Design programme V37															
248			Notified Departure due to the issue of SDS Design programme V38															

2.08b Unapproved Change Orders

Internal No.	External No.	Section	Description	Assessment				Status			Status of Working Estimate							Remarks
				Maximum	assessed	Minimum	Percentage for ARRIBA-Evaluation	to be submitted	in principle agreed, but not approved	not agreed	Cost for performance, design & estimate	Consortium Fee 7.4 %	Total Cost	OH & P	Revenue	HKD	Stage of Completion acc. to Perf. Report	
				1	2	3	4=2/12		5	6	7	8	9=7+8	10	11=9+10	12=10/11	13	
249			Notified Departure due to the issue of SDS Design programme V39															
250			Not used															
251			IFC Drawing Changes - Section 1C OLE Layout															
252	x		IFC Drawing Changes - Section 1C Track Horizontal Alignment	2,500	2,000	1,500		2,500										
253	x		IFC Drawing Changes - Section 1C Track Vertical Alignment	2,500	2,000	1,500		2,500										
254	x		IFC Drawing Changes - Section 1C Traffic Management	2,500	2,000	1,500		2,500										
255			Removal by others of materials from central reserve on Princes Street															
256			Additional Trial Holes at Leith Walk - Chainages 145 to 160															
257		1A	Feasibility Study (Design Only) Forth Ports access to ADM Milling	11,582	11,000	10,000	100.00%		11,582		9,369.68	693.36	10,063.04	936.97	11,000.00		8.52%	
258		Farrans	Future Proofing on behalf of New Ingleston Ltd and Highland Properties Ltd	1,256,330	1,010,000	900,000	100.00%		1,256,330		860,306.64	63,662.69	923,969.34	86,030.66	1,010,000.00		8.52%	
259	x		Cycleway at Edinburgh Park Station repositioned outwith the LOD	6,000	5,000	4,000		6,000										
260		1B	Relocate existing Control Box - Section 1B	2,062	1,250	1,200	100.00%		2,062		1,064.74	78.79	1,143.53	106.47	1,250.00		8.52%	
261	x		IFC Drawing Changes - Section 1B - Balfour Street Tram Stop	2,500	2,000	1,500		2,500										
262	x		IFC Drawing Changes - Section 5B - Track Drainage	1,244,000	1,100,000	1,000,000		1,244,000										
263	x		IFC Drawing Changes - Section 1A - Victoria Dock Bridge	5,000	4,000	2,500		5,000										
264			Not used															
265		Graham	Accommodation Works Section 2A Access Retaining Wall	91,680	71,000	70,000	100.00%			91,680	60,477.00	4,475.30	64,952.30	6,047.70	71,000.00		8.52%	
266		Barr	Monthly Track Monitoring Network Rail East Coast North Line / Gogar Depot	5,772	5,000	1,840	100.00%		1,840	3,931	4,258.94	315.16	4,574.11	425.89	5,000.00		8.52%	
267	x		Carry out Scottish Water Diversion at Gogar Roundabout	100,000	75,000	60,000		100,000										
268	x		Carry out Scottish Power Diversion at Gogar Roundabout	30,000	25,000	20,000		30,000										
269	20	SDS	Instructions arising from Trackform Development Workshop	12,011						12,011								partly approved
270		Farrans	RBS Tramstop - Estimate diversion LV Power and Water crossing tram track	6,165	5,000	4,000	100.00%		6,165		4,258.94	315.16	4,574.11	425.89	5,000.00		8.52%	
271	19	SDS	Road Construction Details - Construction Methodology Statements for	12,056						12,056								partly approved
273	x		Gogarburn Retaining Wall W14 - Re-design Water Mains and Gas Main	12,500	10,000	7,500		12,500										
274	21	1C,1D	Princes Street Construction Works-closure to traffic during construction works	1,455						1,455								partly approved
275	x		EAL Tramstop - BAA Interface	7,500	6,000	5,000		7,500										
276			OLE Design changes in the area between Haymarket and Newhaven															
277	x		Airport Tramstop Canopy tie in options	15,000	12,500	10,000		15,000										
278			Wider Area Modelling Proposals															
279			West Hillon Tram stop															
280			Change to demarcation requirements															
281			Revised proposals for Cathedral Lane Sub-station															
282			Request for instruction to deal with Japanese Knotweed - Retaining Wall W4															
283		5B	Edinburgh Park Bridge (S27) - Pier 3 Base Formation	10,807	8,000	7,500	100.00%		10,807		6,814.31	504.26	7,318.57	681.43	8,000.00		8.52%	
284			Russell Road Retaining Wall 4 - Options Report															
285			Notified Departure due to the issue of SDS Design programme V40															
286			Princes Street - Change to specification - full depth reconstruction															
287			Forth Ports Traffic Signal - Section 1A4 - Widened Crossing required															
288			Deviation Road Rail vehicle payload															
289			Cycleway change at Hawthornvale - Section 1A4															
290			CAF - Air Supply															
291			CAF - Lifting System															
292			Additional Ramp / Steps at Lindsay Road Retaining Wall - Section 1A4															
293		Farrans	Gogar Castle Road tree felling	1,453	1,050	1,050	100.00%		1,453		894.38	66.16	960.56	89.44	1,050.00		8.52%	
294			Reinstate access ramp at Gogar Depot															
295			Carry out works to protect existing SGN gas main at Culvert 2															
296			Formation Level of Gogarburn Bridge West Abutment															
297			Formation Level of Gogarburn Bridge East Abutment															
298			Revised access arrangements to Depot															
299			IFC Drawing changes - Edinburgh Park Bridge (Piers, bearings)															
300			Network Rail's requirement for CAT 3 checking															
301		Faber	Develop diversionary route from Princes Street to George Street/Queen Street	16,194	15,000	14,000	100.00%		16,194		12,776.83	945.49	13,722.32	1,277.68	15,000.00		8.52%	
302			Protection of live utilities at Russell Road Bridge during construction															
303			TBA															
304			Provisional Sum for Extra Over for Shell Grip at Junctions															
305			Crawley Tunnel - insufficient ground cover															
306			Underground structure Leith Walk/Crawley Tunnel - insufficient ground cover															
307			Contaminated Soil assessment at Haymarket Depot															
308			Additional excavation at Carrick Knowe South Abutment															
309		5B	Edinburgh Park Bridge (S27) - South Abutment Base Formation	53,127	41,000	41,000	100.00%		53,127		34,923.34	2,584.35	37,507.67	3,492.35	41,000.00		8.52%	

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2.08b Unapproved Change Orders

Internal No.	External No.	Section	Description	Assessment				Status			Status of Working Estimate						Remarks	
				Maximum 1	assessed 2	Minimum 3	Percentage for ARRIBA-Evaluation 4=2/12	to be submitted	in principle agreed, but not approved 5	not agreed 6	Cost for performance, design & estimate 7	Consortium Fee 7.4 % 8	Total Cost 9=7+8	OH & P 10	Revenue 11=9+10	HKD 12=10/11		Stage of Completion acc. to Perf. Report 13
310	x		Gogar Landfill Scottish Water Utility Diversion	15,000	12,500	10,000		15,000										
311			TBA															
312			IFC Drawing Changes - Leith Walk															
313			TBA															
314			TBA															
315			IFC Drawing Changes - Drainage - Gogarburn to Airport															
316			Princes Street IFC Drawing Changes															
317			TBA															
318			TBA															
319		1D	Shandwick Place TRO Signage	8,386	8,000	7,500	100.00%			8,386	6,814.31	504.26	7,318.57	681.43	8,000.00	8.52%		
320			Proposed CEC changes to demarcation requirements															
321			Revised alignment to Picardy Place, York Place and London Road Junctions															
322			Carrick Knowe Underbridge Obstructions															
323			A8 Underpass Phase 1 Pile Toe Levels															
324			A8 Underpass Phase 1 Piling Obstructions															
325		SDS	Advertisement Consents	268,779	250,000	240,000	100.00%			268,779	212,947.19	15,758.09	228,705.28	21,294.73	250,000.00	8.52%		
326			Expose existing gully connections at Chanage 2/2-328 RHS															
327			Dye test and camera survey at Chanage 1/0 RHS															
328		x	Reinstate slabbed footway following MUDFA works	2,045	1,300	1,200		2,045										
329			break out toamed concrete backfill															
330			install additional gully Chanage 250 RHS															
331			TBA															
332			TBA															
333			Investigate stability of and reinstate existing batters north of Gogar Depot															
334			Access at New Ingliston															
335			IFC Drawing Changes - Track Drainage Section 5C															
TOTALS:				38,832,642	21,505,747	18,164,261		17,167,330	5,169,227	16,496,084	7,057,069.85	522,223.17	7,579,293.02	705,706.98	8,285,000.00	8.52%		

Sum for Performance Sheet "Claims & Variations under preparation" **21,665,311**
 Sum for Performance Sheet "Claims & Variations submitted & not approved"
maximum potential of CO: 38,832,642

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2.09 Payment Status

PROGRESS		INVOICE							PAYMENT				
PERIOD	PROGRESS	No.	Application	Invoiced (Accepted)	DISPUTED	ADVANCE PAYMENT %	RETENTION MONEY %	OTHERS (%)	TOTAL	DUE DATE	RECEIVED ON	excluding VAT	REMARKS
Actual Performance													
		1	2	3	4=3-2	5	6	7	8=3-5+6-7	9	10	11	12
1	MONTH	500,000	19,100,000	19,100,000	0	0	0	0	19,100,000	30/06/2008	04/06/2008	19,100,000	
May-08	ACCUM	500,000	19,100,000	19,100,000	0	0	0	0	19,100,000			19,100,000	
2	MONTH	1,052,000	2,289,899	2,289,899	0	0	0	0	2,289,899	15/07/2008	04/07/2008	0	
Jun-08	ACCUM	1,552,000	21,389,899	21,389,899	0	0	0	0	21,389,899			19,100,000	
3	MONTH	1,330,784	2,414,100	2,295,133	-118,967	0	0	0	2,295,133	11/08/2008	01/08/2008	2,290,000	
Jul-08	ACCUM	2,882,784	23,803,998	23,685,031	-118,967	0	0	0	23,685,031			21,390,000	
4	MONTH	1,465,472	2,048,076	2,099,228	51,151	0	0	0	2,099,228	11/09/2008	29/08/2008	4,394,259	
Aug-08	ACCUM	4,348,256	25,852,074	25,784,259	-67,815	0	0	0	25,784,259			25,784,259	
5	MONTH	1,046,633	868,647	739,994	-128,654	0	0	0	739,994	08/10/2008	29/09/2008	739,994	
Sep-08	ACCUM	5,394,889	26,720,722	26,524,252	-196,469	0	0	0	26,524,252			26,524,252	
6	MONTH	3,339,638	971,518	809,079	-162,440	0	0	0	809,079	14/11/2008	31/10/2008	809,079	
Oct-08	ACCUM	8,734,527	27,692,240	27,333,331	-358,909	0	0	0	27,333,331			27,333,331	
7	MONTH	1,724,602	705,826	625,106	-80,720	0	0	0	625,106	22/12/2008		-331	
Nov-08	ACCUM	10,459,129	28,398,066	27,958,437	-439,629	0	0	0	27,958,437			27,333,000	
8	MONTH	2,480,873	1,584,058	1,116,659	-467,400	0	0	0	1,116,659	22/01/2009	23/12/2008	1,742,000	
Dec-08	ACCUM	12,940,002	29,982,124	29,075,095	-907,029	0	0	0	29,075,095			29,075,000	
9	MONTH	584,252	5,108,480	1,858,032	-3,250,448	0	0	0	1,858,032	02/03/2009	30/01/2009	1,858,127	
Jan-09	ACCUM	13,524,254	35,090,604	30,933,127	-4,157,477	0	0	0	30,933,127			30,933,127	
10	MONTH	1,739,311	955,306	1,288,964	333,659	0	0	0	1,288,964			0	
Feb-09	ACCUM	15,263,565	36,045,910	32,222,091	-3,823,818	0	0	0	32,222,091			30,933,127	
11	MONTH	-15,263,565	-36,045,910	-32,222,091	3,823,818	0	0	0	-32,222,091			-30,933,127	
Mar-09	ACCUM	0	0	0	0	0	0	0	0			0	
12	MONTH	0	0	0	0	0	0	0	0			0	
Apr-09	ACCUM	0	0	0	0	0	0	0	0			0	
13	MONTH	0	0	0	0	0	0	0	0			0	
May-09	ACCUM	0	0	0	0	0	0	0	0			0	
14	MONTH	0	0	0	0	0	0	0	0			0	
Jun-09	ACCUM	0	0	0	0	0	0	0	0			0	
15	MONTH	0	0	0	0	0	0	0	0			0	
Jul-09	ACCUM	0	0	0	0	0	0	0	0			0	
16	MONTH	0	0	0	0	0	0	0	0			0	
Aug-09	ACCUM	0	0	0	0	0	0	0	0			0	
17	MONTH	0	0	0	0	0	0	0	0			0	
Sep-09	ACCUM	0	0	0	0	0	0	0	0			0	
18	MONTH	0	0	0	0	0	0	0	0			0	
Oct-09	ACCUM	0	0	0	0	0	0	0	0			0	
19	MONTH	0	0	0	0	0	0	0	0			0	
Nov-09	ACCUM	0	0	0	0	0	0	0	0			0	
20	MONTH	0	0	0	0	0	0	0	0			0	
Dec-09	ACCUM	0	0	0	0	0	0	0	0			0	
21	MONTH	0	0	0	0	0	0	0	0			0	
Jan-10	ACCUM	0	0	0	0	0	0	0	0			0	
22	MONTH	0	0	0	0	0	0	0	0			0	
Feb-10	ACCUM	0	0	0	0	0	0	0	0			0	
23	MONTH	0	0	0	0	0	0	0	0			0	
Mar-10	ACCUM	0	0	0	0	0	0	0	0			0	
24	MONTH	0	0	0	0	0	0	0	0			0	
Apr-10	ACCUM	0	0	0	0	0	0	0	0			0	
25	MONTH	0	0	0	0	0	0	0	0			0	
May-10	ACCUM	0	0	0	0	0	0	0	0			0	
26	MONTH	0	0	0	0	0	0	0	0			0	
Jun-10	ACCUM	0	0	0	0	0	0	0	0			0	
27	MONTH	0	0	0	0	0	0	0	0			0	
Jul-10	ACCUM	0	0	0	0	0	0	0	0			0	
TOTALS	0		0 <i>(w/o Advance Payment)</i>	0	0	0	0	0	0 <i>(w/o Advance Payment)</i>			30,933,127 <i>(w/o Advance Payment)</i>	
									0 <i>(with Advance Payment)</i>			30,933,127 <i>(with Advance Payment)</i>	

Project: **Edinburgh Tram Network**
 as per: **28/02/2009**



2.11 Monthly Report on Quality Management

1. Audits

1.1 Internal Audits

Audit-No. and date	Number of Non-Conformance-Report or number of audit minutes	Non-Conformances	Non-Conformance cleared (date)	Corrective action
None				

1.2 External Audits (e.g. by Client)

Audit-No. and date	Number of Non-Conformance-Report or number of audit minutes	Non-Conformances	Non-Conformance cleared (date)	Corrective action
None				

2. Inspection and Testing

Type of Work	Frequency acc. to stipulations laid down in Project Quality Plan/ lot/size	No. of lots inspected/tested		No. of lots with Non-Conformances detected				clearing cost this month (EUR)
		total	this month	total	this month	cleared total	cleared this month	
N/A	N/A	N/A	N/A	14	1	7	0	

3. Further quality-related events during this month

(please describe shortly)

The Internal Design Audit scheduled for the 24/02/09 was put back until the 02/03/09 because SDS did not turn up and BB's Design Manager was off sick. Scott Wilson (SW) had arranged two Project Management Audits on Siemens on the 17th March and CAF on the 19th March, but as the audit plans state that System Safety Assurance is again the subject matter, DR has requested that SW look again at the subject matter and provide new dates. SW to arrange through tie next time. BAM have still not produced an ITP for Track Installation. This is causing concern as we may well be expected to begin track laying very soon, but don't have the necessary documentation in-place. DR pushing Siemens to push BAM. Staff are reminded that NCRs should not be closed-out until tangible verification has taken place, i.e. objective evidence of satisfactory corrective and preventative actions have been obtained. In one recent example an NCR (no 10) was closed before pile test results had first been obtained. DR to see if BIW can be changed so that only Controllers can close-out NCRs.

Project: **Edinburgh Tram Network**



as per: **28/02/2009**

2.12 Safety Information System - SIS

OH&S Reporting System

Monthly Report Construction Site

F313-4 revB

Please return the completed report to the responsible person until the 15th working day following the end of the month.

Month: **Feb-09**

Construction site: **Edinburgh Tram Network**

Org. Unit: **Bilfinger Berger Civil**

Date: **3rd March 2009**

Prepared by: **[Redacted]**

Phone: **[Redacted]**

	Complete the following columns:	In case of an internal JV, the following columns have to be completed:
<input type="checkbox"/> BB Civil site	A, B, C	by internal JV leader: A, B, C (for own org.unit only) by internal JV partner: A, B, C (for own org.unit only)
<input checked="" type="checkbox"/> External JV BB is technical leader	A, B, C, D, E (whole JV)	by internal JV leader: A, B, C, D, E (but without A+B+C of the internal JV partners) by internal JV partner: A, B, C (for own org.unit only)
<input type="checkbox"/> External JV BB is NOT technical leader	A, B, C (only BB subcontractors)	by internal JV leader: A, B, C (for own org.unit only) by internal JV partner: A, B, C (for own org.unit only)

	BB Employees (A)	BB Workers, supervisors (B)	Sub-contractor staff (C)	JV Partner staff (D)	Staff hired by JV (E)	Sum (F)
1 Average number of site staff	76	0	115	28	48	267
2 Man-hours worked by site staff	15,000	0	22,735	5,516	9,504	52,755
3 Incidents causing injury with 1 - 3 days lost						0
4 Incidents causing injury with more than 3 days lost						0
5 Incidents causing fatality						0
6 Days lost due to incidents causing injury (1 - 3 days lost)						0
7 Days lost due to incidents causing injury (more than 3 days lost)						0
8 First Aid cases			2			2

The figures refer to the current month only! First aid cases were 1 cut finger and 1 ankle injury, but both were not reportable.

2.13 Project Photographs

see attached pdf-file

Picture 01	Section 5C	Gogar Burn piling works
Picture 02	Section 5B	Piers Foundation Edinburgh Park Bridge
Picture 03	Section 5B	Piers Edinburgh Park Bridge
Picture 04	Section 5B	Reinforcing works Piers Edinburgh Park Bridge
Picture 05	Section 5B	Finished Piers
Picture 06	Section 5B	Sheet Piling Carrick Knowe Bridge
Picture 07	Section 5A	Site Clearance Murrayfield Stadion
Picture 08	Section 1C/D	Princes Street

Project: **Edinburgh Tram Network**

as per: **28/02/2009**



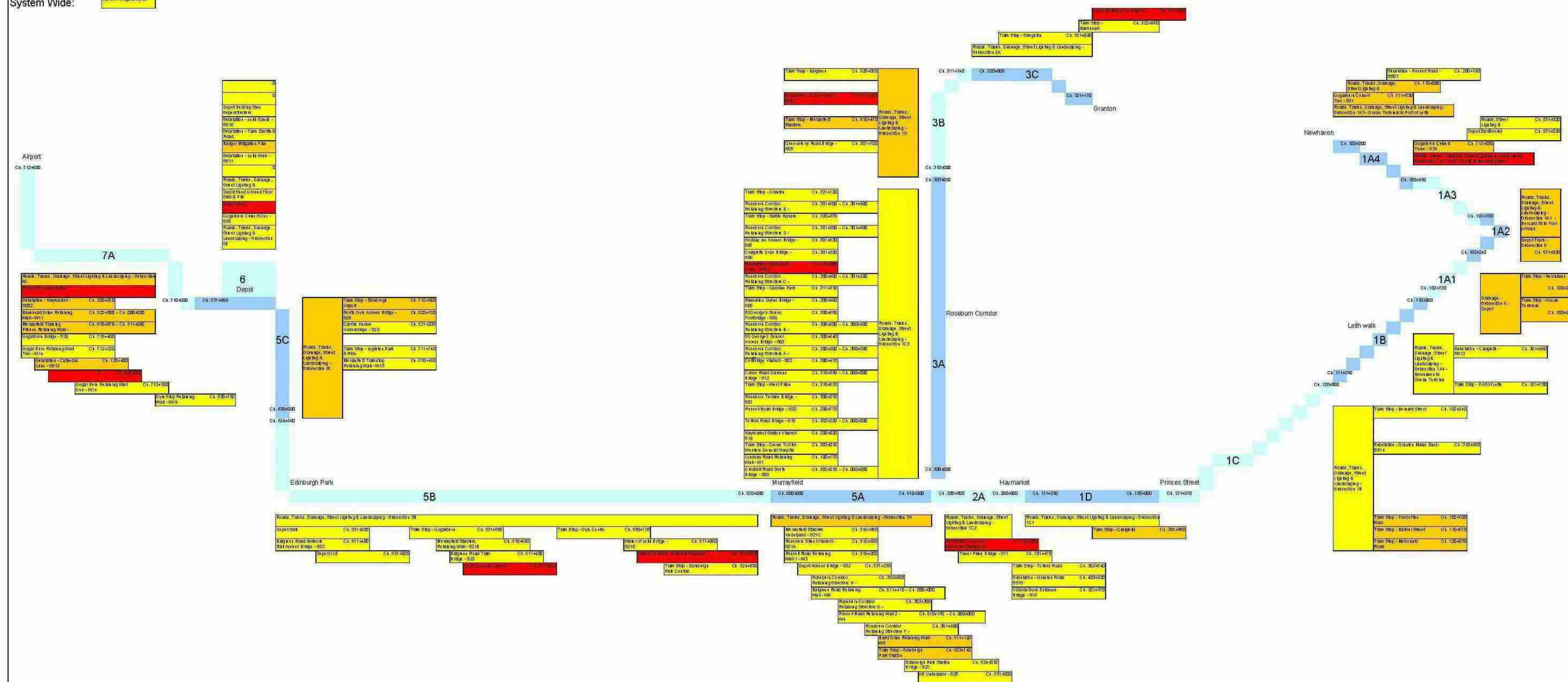
3.01 Consultants Analysis (Third Parties Costs)

Act-Code	Acc-Code	Jan's list	Company	S-No.	Works's Description	Budget	Forecast	Allowance to date	Cost to date	Source
71	open	Becker Geomatics Ltd		1	Performance Survey		750.00	9.50%	750.00	
71	61870080	Grontmij	Grontmij	8	Design		4,307.00		4,307.00	
71	61870080	Mouchel	Mouchel	9	Pavement analyses Princess Street		80,000.00		62,512.00	
71	61870080	Lumberjax	Lumberjax	10	Environmental		4,000.00		3,780.00	
71	61870080	Tony Gee	Tony Gee	17	Works preparation		175,000.00		135,280.00	
71	61840140	White House Studios	White House Studios	24	Site pictures monthly		21,168.00		3,152.00	Employers requirement
71	61870080	Nestrack (Martin Burke is staff)	Nestrack	37	Safety track line		40,000.00		21,500.00	without Martin Burke (is in staff)
71	61870080	L&M Surveys	L&M Surveys	39	Survey	33,047.00	33,047.00	19,125.00	20,315.00	Allowance equal performance
71	61852070	Pinsent Mason	Pinsent Mason	52	Legal	100,000.00	500,000.00	25,000.00	307,856.00	Account Code 61852070 (Act.39 and 48)
71	61870080	RMP Noice/Vibration	RMP Noice/Vibration	53	Ecology		15,000.00		12,250.00	
71	61870080	John Derbyshire	JDC Ecology Ltd	58	Environment		15,000.00		6,907.00	
71	61870080	Glasgow University	Glasgow University	61	Archaeology		25,000.00		22,393.00	
71	61870080	Corderoy	Corderoy	64	Design changes		100,000.00		65,002.00	claimed Part is Phase 1B (Section 3)
71	61853020	Steve Osbalderston	BCS Ltd (Siemens)	65	Safety		284,720.00		218,672.00	claimed Safety license network rail of Siemens used by BBUK
71	61627010	Dr Security	SD Security	71	Main Office Security	345,000.00	160,000.00	69,000.00	63,947.00	
71	61870080	Steve Sharp	Construction Programming Solutions	75	Scheduling		100,000.00		85,134.00	
71	61870080	Faber Manusell	Faber Manusell	85	Modelling TM		250,000.00		114,526.00	claimed
71		Gratons								May replaced Toni Gee
71	61870080	BB Ger + BBUK	(Mueller, G. Budge)		Support, Design	106,236.00	100,000.00	10,092.42	15,032.04	Updated Budget in ARRIBA, QM Support
71	61841050	BB Germany	BEBIT		BCS	5,000.00	5,000.00	3,000.00	2,974.00	
71	61870080	Quaec			Claims support					
71	61870080	Chris Powell	Chris Powell Consultancy		Quality Management	Manchester	7,498.00		7,498.00	All other cost on BBUK account (Manchester)
71	61410020	McMI System	McMI System		Work Package Plan Sec. 2A-5		4,700.00		4,684.00	on off
71	61852070	Acumen / Ireland	Acumen		Tax Advisor	Manchester	???			Cost of Acumen on BBUK account (Manchester)
Total Consultant Third Parties						589,283.00	1,925,190.00	126,217.42	1,182,471.04	
64	61332000	Harper Generator Service	Harper Generator Service	72			100,000.00		66,878.00	Site installation
64	61840030	Initial	Initial Cleaning		Office Cleaning		80,000.00		11,597.00	Site installation
53 / 61	61652210	Stanger	Stanger		Material testing	400,000.00	20,000.00	15,000.00	6,992.00	Supplier
Sums						400,000.00	200,000.00	15,000.00	85,467.00	
Mix	A&C Construction			41					44,990.00	
Mix	Beattie Chalmers LO			77					122,993.00	
									167,983.00	

Design Package Tracker

16/02/2009

System Wide: System Wide



1	Not issued yet
2	Issued for External Approval
3	Issued for External Approval - QA rejected
4	Issued for Construction
5	Issued for Construction - QA rejected
6	Partially Agreed for Construction
7	Fully Agreed for Construction
8	As-Built Info issued to SDS
9	As-Built Design completed

Statistic:

0 nos.	Not issued yet
124 nos.	Issued for External Approval
0 nos.	Issued for External Approval - QA rejected
0 nos.	Issued for Construction
0 nos.	Issued for Construction - QA rejected
0 nos.	Partially Agreed for Construction
0 nos.	Fully Agreed for Construction
0 nos.	As-Built Info issued to SDS
0 nos.	As-Built Design completed
124 nos.	Total