

# EDINBURGH TRAM NETWORK

## Monthly Project Report November 2008



## Monthly Report Major Projects

**Project: Edinburgh Tram Network**

**Reporting Period: November 2008**

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VST, GF, BL, PM, CCS

BL, PM, CCS

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TBA

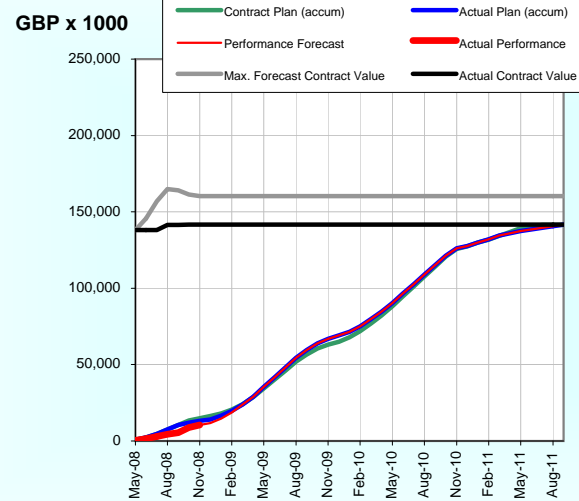
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Project: **Edinburgh Tram Network**

as per: **30/11/2008**

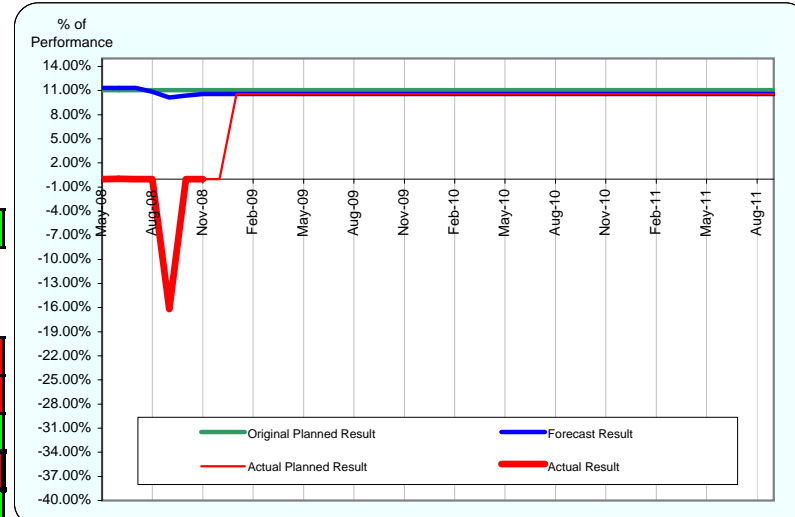
## 1.01 Project Overview Charts



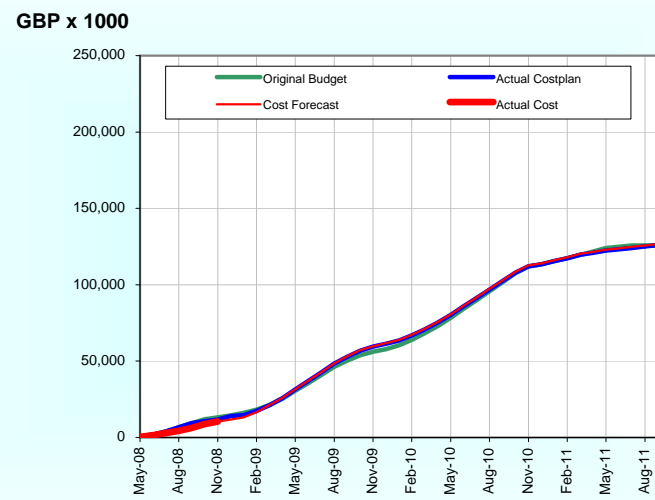
Performance

	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			141,579		
Claims / Variations agreed				70		
Claims / Variations not agreed				18,649		red
Performance		13,307		10,459	78.6%	red
Project cost		11,833		10,459	112.5%	red
Result	11.07%	11.07%	10.58%	0.00%	-0.49%	green
Payment Status		27,333		27,333	100.0%	#DIV/0!
Av.Perf/mth: Rem. & act. 3mth			4,151	2,037		green

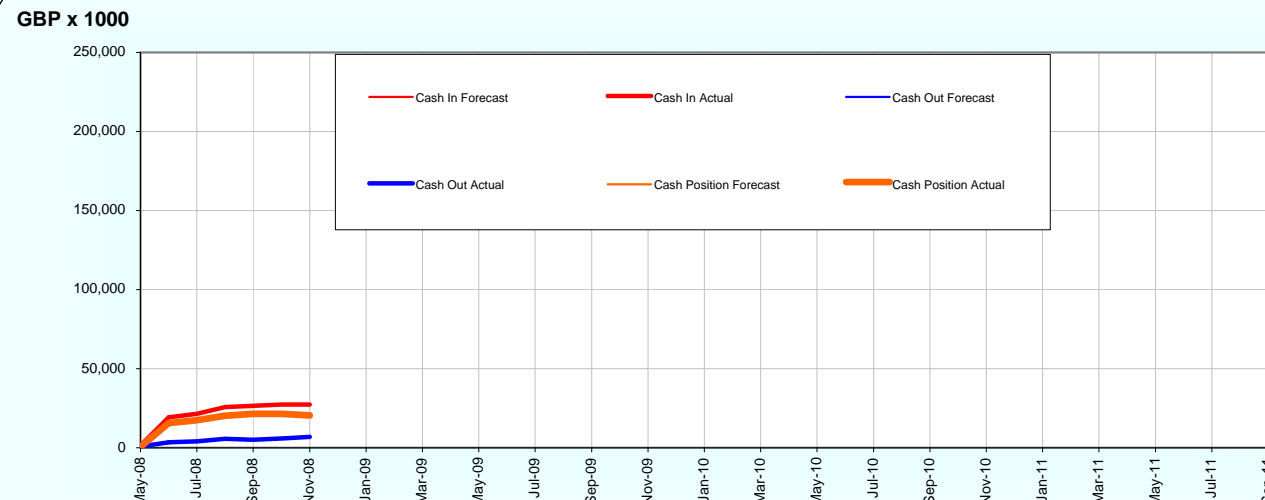
Project Key Figures



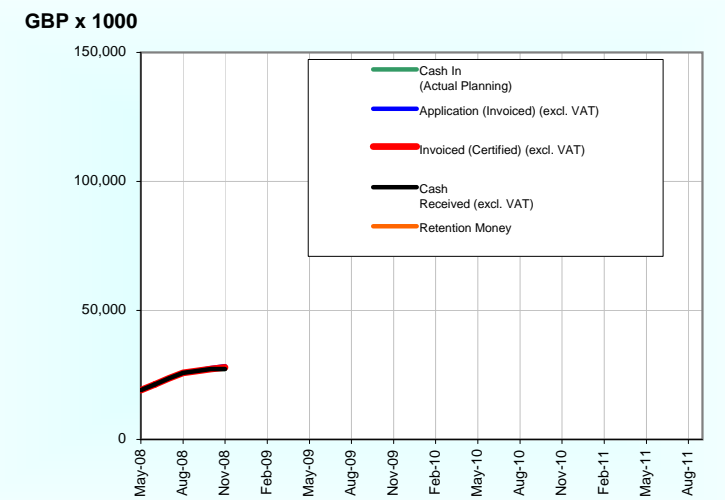
Project Result



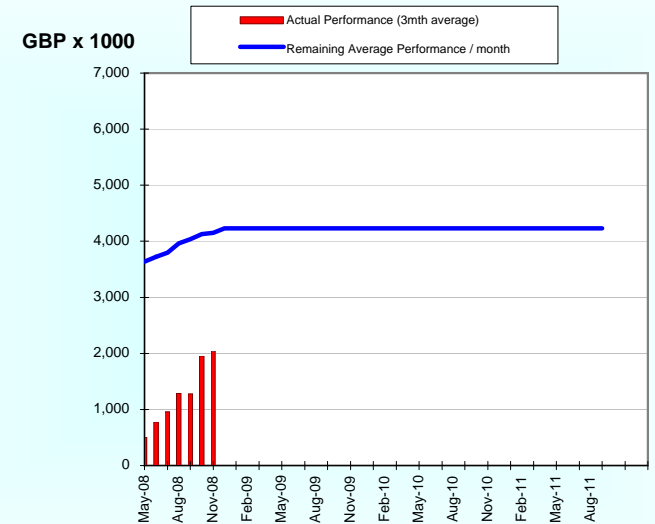
Project Cost



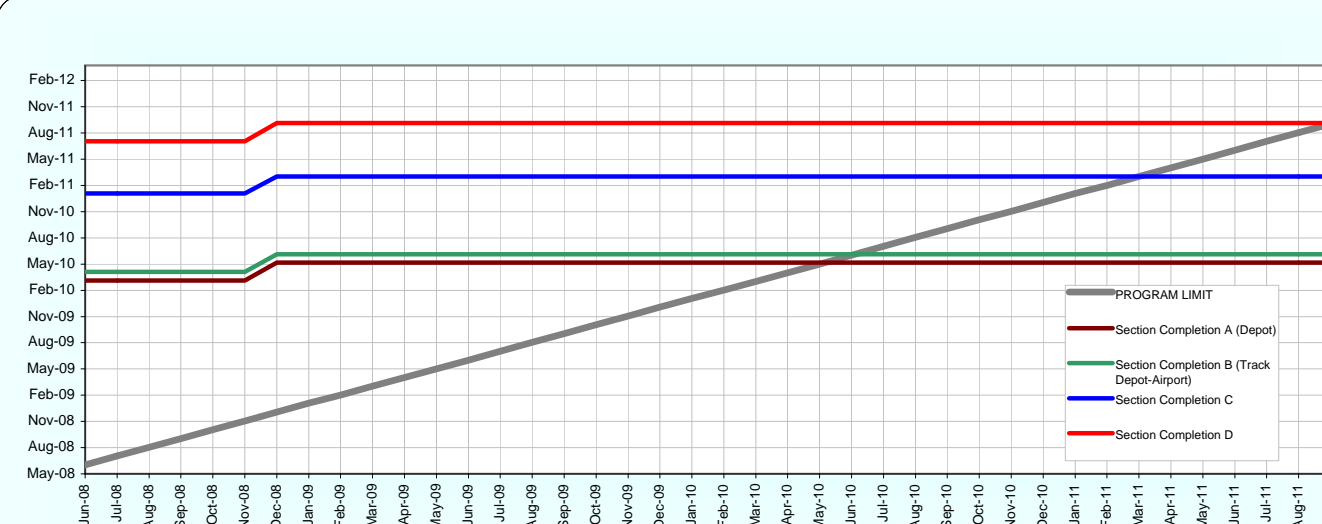
Cashflow



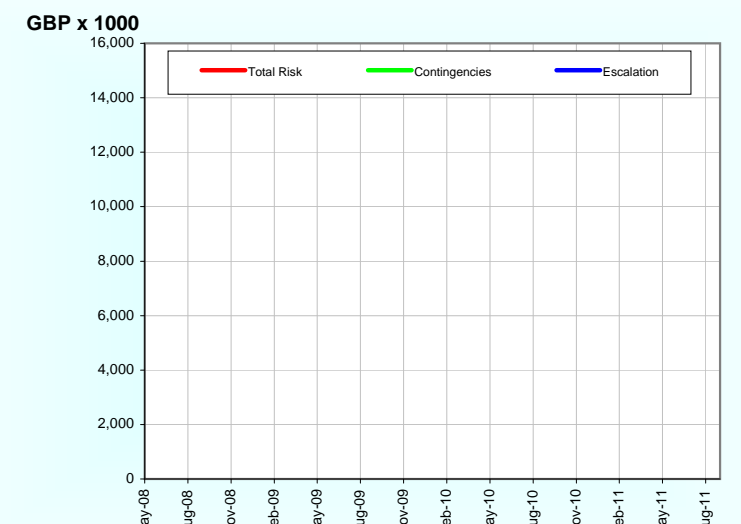
Payment Status




Remaining Performance / Resources



Milestone Trend Analysis



Contingencies vs. Risk

		<b>Project: Edinburgh Tram Network</b> <b>as per: 30/11/2008</b>	
<b>1.02 Short Note on Overview Charts</b>			
<b>1.2.1</b>	<b>Performance</b>	<p>Performance in the period was in line with target. The limited works in progress are affected by changes or obstructed by undiverted utilities in many areas, reducing efficiency and increasing costs.</p>	
<b>1.2.2</b>	<b>Project Cost</b>	<p>The main cost overrun is due to cost and resource increase like:</p> <ul style="list-style-type: none"> <li>- staff (numbers and rates)</li> <li>- consultant support</li> <li>- site set up</li> <li>- tender costs</li> <li>- temporary works</li> </ul>	
<b>1.2.3</b>	<b>Project Result (Forecast)</b>	<p>Considering the major changes in the work scope and program, we assume no change to the tender result (HKD) yet. So far, a time extension of seven weeks was agreed with the client this month.</p>	
<b>1.2.4</b>	<b>Payment Status</b>	<p>The Payments from the client "tie" remains in time based on the agreed Invoice application before the Invoice submission.</p> <p>Invoice net to the client: £27,958,436.60  paid net from the client: £27,333,331.00</p> <hr/> <p>Balance: £625,105.60</p>	
<b>1.2.5</b>	<b>Cashflow</b>	<p>The ETN Project Cashflow per 30.11.08 remains cash positiv. The ETN Revenue planning related to the payment schedule no. 5 The Mobilization payment about 16.000.000 GBP is still placed on the Intercompany account in between BBUK and BB AG to earned a positiv project interest result.</p> <p>cash in received net: 27,333,331 ./ Net cash out 6,642,926.00 GBP = Net Cash balance BCS 20.690.405 ./ 16,000,000.00  GBP/Intercompany = 4,690,405.00 GBP per 30.11.08</p>	
<b>1.2.6</b>	<b>Contingencies</b>	<p>The new risk and contingency list is attached with the report. But for the coming reports the figures must be analysed and updated in more detail. The estimated risk and contingency list is attached.</p>	
<b>1.2.7</b>	<b>Construction Program</b>	<p>Following agreement in principle by the Client to an extension of time of 7.5 weeks, the Contract Programme has been revised and being used as the basis of reporting, pending formal acceptance. The end date against this revised contract programme is now 29 weeks (36 weeks against the original contract programme), following the release of significantly delayed utility diversion completion dates by the Client during the period.</p>	

Project: **Edinburgh Tram Network**

as per: **30/11/2008**



## 1.03 General Information

### 1.3.1 Short note on progress, events this month

Mobilisation : The section office for off-street works, at Edinburgh Park, is now occupied.

Design : Progress in finalising approvals and consents for track and highway drawings by SDS has been poor and is threatening to delay commencement of works in Princes Street in January. Some progress has been made in securing Tie agreement for civil works enhancements to suit Siemens proposals, notably for a ground improvement layer under the track, but duct and OLE foundation designs remain delayed by Siemens late design finalisation. Additional resources have been mobilised. A Design Tracker you will find in the attachments.

Procurement : Package subcontractors remain reluctant to accept terms and conditions fully consistent with the main contract, and are working under limited notices to proceed. Subcontractors for on-street track and highways works, Crummock and McKenzie, will be appointed at or below tender allowances, but subcontract prices for bridgeworks are coming in significantly in excess of allowances.

Construction : On-street works have continued in one area of Leith Walk to establish a method for dealing with existing undiverted utilities and other obstructions. Traffic Management is being installed to allow works to commence in Princes Street in February 2009. Off-Street works have continued at Haymarket Viaduct, Edinburgh Park Bridge, Carricknowe Bridge and A8 Underpass to the extent possible without taking any risk for unagreed changes.

### 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
Nov 08	Tie instructed that works in Princes Street be amended to maintain a bus lane through the worksite (original basis was full closure).	This will extend the construction duration outside the existing blockade period.


### 1.3.4 Status on Major Unapproved Claims / Variations / Changes

240 changes have been notified to date, 26 by the Client and 214 by BSC. Of these notifications, the Client has acknowledged that 87 are valid, has rejected 54 and has yet to state a position on 99. We continue to contest all rejected changes. From the 240 changes notified, BSC have submitted 51 cost estimates, of which the Client has agreed 4 and partially agreed 9. We have recruited a planner and are recruiting an estimator, to improve performance on submission of change estimates.

Work to produce a delay entitlement submission for the period from July to December is ongoing, with weekly meetings with the Client. A submission is planned in January 2009.

Following indications from the Client that they intended to dispute changes from Base Date (tender design freeze) to Construction Issue drawings, meetings have been held to explain the scope and reasons for the changes, particularly to structures adjacent to the main railway line. Confirmation of acceptance of these changes and the consequential costs is awaited.

Discussions with the Client to agree a mutually acceptable form of urgent instructed change process and interim payments, have been progressed but more work is required to finalise terms and conditions. In the mean time, no more work is being carried out until changes are agreed and we are working to secure instructions for works carried out at Edinburgh Park Bridge in advance of agreement on costs for changes.

		Project: <b>Edinburgh Tram Network</b>			
		as per: <b>30/11/2008</b>			
<b>1.04 Performance Sheet</b>					
<b>1. General Information</b>		<b>2. Construction Period</b>		Contract (Rev. 1)	Actual
Client: tie LIMITED		Construction start date		15-May-08	15-May-08
Leadership: BILFINGER BERGER UK LIMITED Share: 75%		Construction end date		16-Sep-11	16-Sep-11
BILFINGER BERGER VWB GMBH Share: 25%		Total excl. Site Removal		40 month	40 month
Currency: GBP Rp. (all amounts without V.A.T.)		Expired construction time		7 month	7 month
Rate of Exchange Top Sheet: 1 GBP = 1.25 EUR Actual: 1.21 EUR		Performance to date		10,459,129 GBP	7 %
<b>2. Total Contract Value</b>		Date of Contract		Total Previous Month	November 2008
Contract Value with Client		141,508,815 (incl. SDS NovaAgree)		100.00%	141,579,055
Contract Value with 3rd Parties (without interest)				0	0
Total Contract Value				141,579,055	100.00%
<b>3. Claims and Variations</b>		Total Previous Month		November 2008	Total Reporting Month
Claims and Variations approved		70,240		0.00%	70,240
Claims and Variations submitted but not approved yet		19,824,674		14.00%	18,648,531
Claims and Variations under preparation		0		0.00%	0
<b>4. Performance</b>		Total Previous Month		November 2008	Total Reporting Month
Performance for Actual Contract Value with Client		8,734,527		6.17%	10,459,129
Performance for 3rd Parties (without interest)		0		0.00%	0
Total Performance to Date		8,734,527		6.17%	10,459,129
Remaining Performance to Date		132,844,528		93.83%	131,119,926
Actual Planned Performance		11,977,830		8.46%	13,306,543
<b>5. Result</b>		Date of Contract		Total Previous Month	November 2008
Planned Result for Contract with Client		15,670,714		11.07%	15,678,492
Actual Result at Reporting Date				-2	44
Forecast Result at the End of Contract		14,710,513		10.39%	14,984,417
<b>6. Invoices, Payment and Bank account</b>		Total Previous Month		November 2008	Total Reporting Month
Application to the client - excl. VAT incl. Ret. Money		0		0.00%	27,692,240
Certified by the client (Invoice) - excl. VAT incl. Ret. Money		0		0.00%	27,333,331
Cash in from the client - excl. VAT excl. Ret. Money		0		0.00%	27,333,331
Cash in from 3rd Parties - excl. VAT		0		0.00%	0
Interest income		90,000		1.03%	285,000
Cash out (excl. VAT)		5,894,660		4.16%	1,032,977
Net Liquidity creditline		0		0%	21,438,671
<b>7. Subcontractor Work (incl. Design)</b>		Date of Contract		Total Previous Month	November 2008
Total Portion of Subcontractor Budget		60,353,024 (incl. SDS)		42.65%	66,224,145
Total Amount of signed Subcontracts incl. approved Variation Order		0		0.00%	0
Total Subcontractor Result to date		0		0.00%	0
Actual Subcontractor Costs to date (incl. Accruals)		0		#DIV/0!	0
Therefrom invoiced to date		0		0.00%	0
<b>8. Actual Forecast for Performance and Result in TSD GBP</b>					
<b>Performance</b>		<b>Original planned</b>		<b>Actual / Forecast</b>	
		2008 2009 2010 2011		2008 2009 2010 2011 2012	
Jan		1,706 2,786 2,346		2,921 2,359 2,346	
Feb		2,526 4,026 2,026		3,910 3,618 2,026	
Mirz		3,526 5,026 2,526		5,206 4,636 2,526	
Apr		4,526 5,276 2,526		5,180 4,905 1,526	
Mai		855 5,776 6,026 2,526		500 6,345 5,670 1,525	
Jun		1,355 5,776 6,526 1,026		1,052 6,312 6,185 1,025	
Jul		2,375 5,776 6,526 1,026		1,331 6,282 6,200 1,025	
Aug		2,855 6,026 6,526		1,465 6,505 6,213 1,000	
Sep		3,055 4,626 6,526		1,047 5,079 6,226 1,000	
Okt		2,855 4,026 6,526		3,340 4,456 6,245	
Nov		1,535 2,526 5,026		1,725 2,933 4,750	
Dez		1,446 1,866 1,706		1,295 2,254 1,433	
Total		16,334 48,678 62,498 13,999		11,754 57,384 58,442 13,999 0	
Linear Calculation					
<b>Yearly Forecast</b>					
Performance and Result in 2008					
Performance		11,753,969		8.3%	
Result		0		0	
Performance and Result in 2009					
Performance		57,384,034		40.5%	
Result		7,317,414		12.8%	
Performance and Result in 2010					
Performance		58,441,563		41.3%	
Result		6,185,327		10.6%	
Performance and Result in 2011					
Performance		13,999,487		9.9%	
Result		1,269,999		9.1%	
Performance and Result in					
Performance					
Result					
Total Performance and Result					
Performance		141,579,054		100.0%	
Result		14,772,740		10.4%	
Edinburgh, Edinburgh,					
Place and Date,		Signature Commercial Manager		Signature Project Director	


Project: **Edinburgh Tram Network**  
as per: **30/11/2008**




### 1.05 Weighted Result with Chances and Risks

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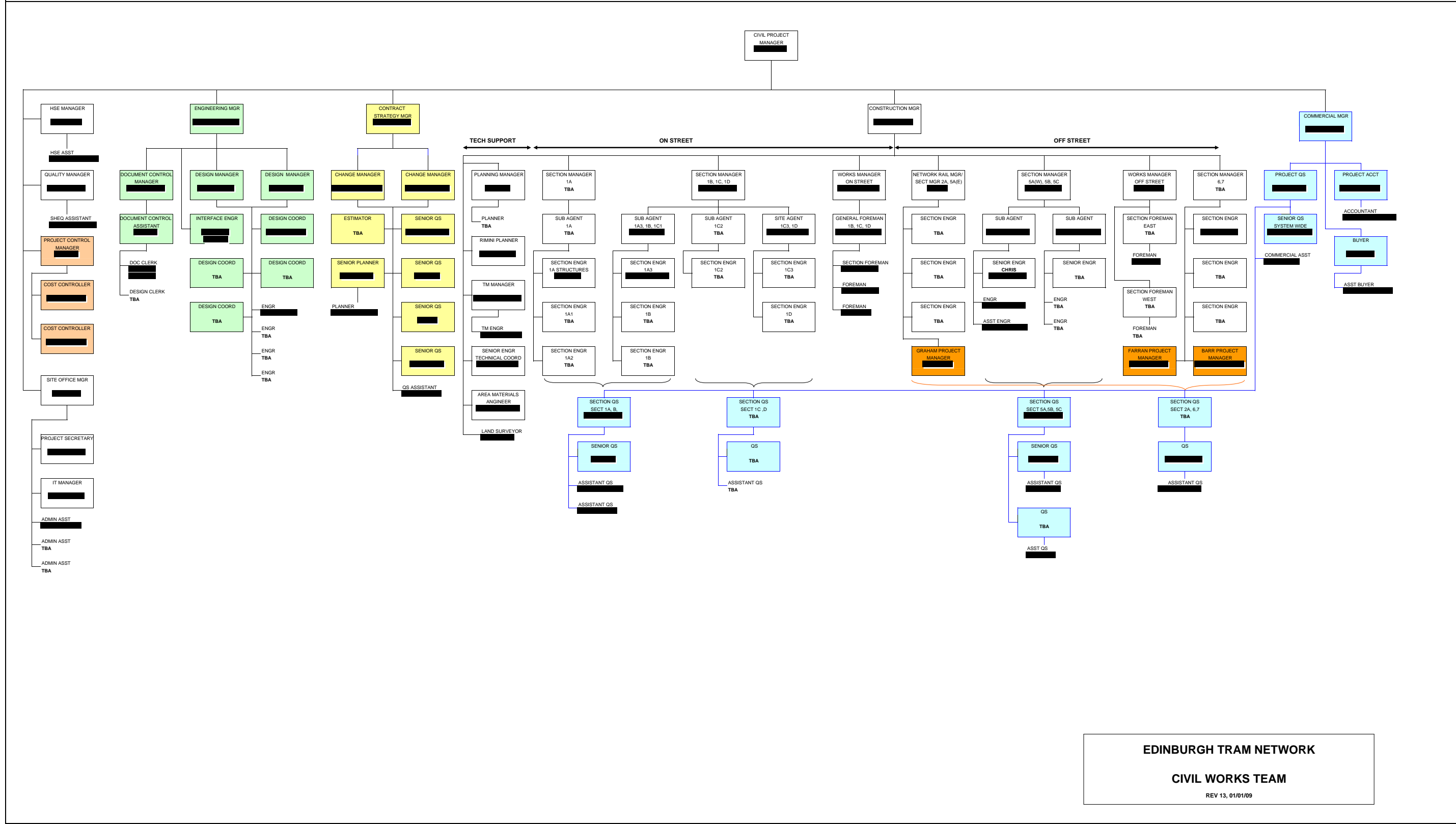
Forecast Final Result <b>(best case)</b> (=Forecast Revenue + Forecast Cost)	14,984	14,984	14,984
% Gross Margin	10.58%	10.58%	10.58%
Forecast Final Result <b>(most likely case)</b> (=Forecast Revenue + Forecast Cost)	14,984	14,984	14,984
% Gross Margin	10.58%	10.58%	10.58%
Forecast Final Result <b>(worst case)</b> (=Forecast Revenue + Forecast Cost)	14,984	14,984	14,984
% Gross Margin	10.58%	10.58%	10.58%
Gross Margin previous month <b>(most likely case)</b>	10.14%	10.14%	10.14%

	Project: <b>Edinburgh Tram Network</b> as per: <b>30/11/2008</b>	
2.01 Cost Reconciliation Sheet		
see following pdf-printout		




	<b>Project: Edinburgh Tram Network</b> <b>as per: 30/11/2008</b>	
2.02 Construction Programme		
see following pdf-printout		

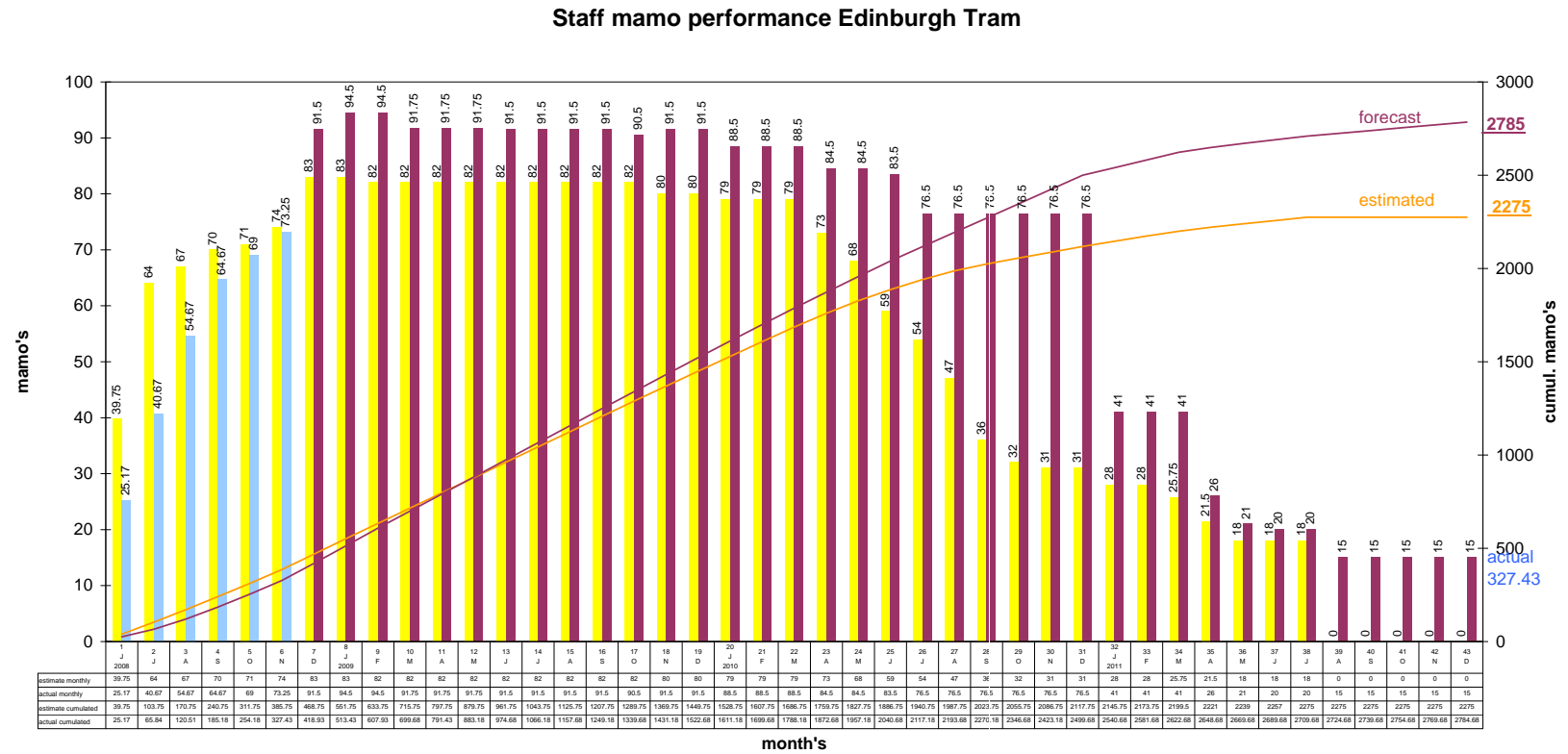
2.05 Organisation Chart





			Project: Edinburgh Tram Network			BILFINGER BERGER Civil				
			as per: 30/11/2008							
2.06a Staff List										
employ ed as	Depart ment	ETN Staff Mamo November 08	Names	planned start date	start date	planned release date	release date	estim. total mamo without tender portion	forec. total mamo without tender portion	actual total mamo without tender portion
cloc	DC	Document Control Manager	Document Control Manager		04/02/08	31/12/11		38	43	6.0
cloc	PMC	Project Director	Project Director		01/04/08	15/09/08	15/09/08	0	3	3
cloc	PMC	Engineering Manager	Engineering Manager	-	15/01/08	15/09/08	15/09/08	0	1.75	1.75
cloc	PMC	Personnel Assistant	Personnel Assistant		01/04/08	31/12/11		38	43	6
cloc	PMC	Project Director	Project Director		16/06/08	31/12/11		38	42.5	5.5
cloc	PMC	Traffic Management Manager	Traffic Management Manager		23/06/08	31/12/10		37	30.25	5.25
cloc	PMC	Quality Manager	Quality Manager		23/06/08	24/07/11	30/09/08	0	3.25	3.25
cloc	PMC	Quality Manager	Quality Manager		22/10/08	31/07/11		38	33.25	1.25
cloc	PMC	Health, Safety and Env. Manager	Health, Safety and Env. Manager		22/07/08	30/04/11		35	33.25	4.25
cloc	PMC	Planning Manager (Programme Man.)-freel.	Planning Manager (Programme Man.)-freel.	28/07/08	01/04/08	30/09/08	30/09/08	34	2.5	2.5
cloc	PMC	Project Accountant exp.	Project Accountant		17/06/08	31/12/11		38	42.5	5.5
cloc	PMC	Engineering Manager exp.	Engineering Manager		01/07/08	30/04/11		35	34	5
cloc	PMC	Public Liaison Manager	Public Liaison Manager					38	0	0
cloc	PMC	Receptionist	Receptionist		09/06/08	31/12/11		38	42.75	5.75
		Consortium staff						404	355	55
		Consortium staff								
loc	ACC	Accountant		01/10/08	01/10/08			0	3	2.0
loc	ACC	Account Assistant (Cost Clerk)	Cost Clerk	24/11/08	24/11/08	31/07/11		33	33	1
loc	CM	QS Assistant	QS	01/09/08	01/09/08	31/12/11		0	40	3
loc	CO	Commercial Manager	Commercial Manager	25/08/08	01/09/08	31/12/11		38	40	3
loc	CO	Commercial Assistant		25.08.08	25/08/08	31/12/10		0	28.25	3.25
loc	CO	Clerk-2			18/09/08	24/06/10	24/10/08	1.6	8.6	4.6
loc	CO	Clerk 2			27/10/08	31/05/10		18.75	11	1
loc	CO	QS Assistant			02/09/08	31/03/11		20.75	31	3
loc	CPA	Office Manager/Buyer (Purchaser)			08/09/08	31/12/11		0	39.75	2.75
loc	CPA	Office Manager/Buyer (Purchaser)	Buyer		16/06/08	31/03/11		33	33.5	5.5
loc	CPA	Buyer Assistant	TM Engineer		15/09/08	30/06/10		37	21.5	2.5
loc	DC	Document Control Assistant	Document Controller's Asst		18/08/08	31/07/11		38	35.5	3.5
loc	DC	Document Control Assistant			06/10/08	31/12/09		0	14.75	1.75
loc	QM	Administration Assistant	HSE Assistant	01/01/09	01/12/08	31/03/11		37	28	0
loc	SHE	Health, Safety, Environmental	TM Engineer	15/09/08	15/09/08	30/04/11		37	31.5	2.5
loc	IT	IT Manager	IT Manager		15/06/08	31/12/10		0	15.75	3.25
loc	IT	IT Assistant			01/10/08	31/12/10		0	13.5	1
loc	PE	Planning Engineer 1 (Scheduler)	Planning Engineer 1 (Scheduler)		28/07/08	31/07/11		29	36	4
loc	PE	Planning Engineer	Driver Storeman	29/09/08		31/12/10		34	26	1
loc	SM	Construction Manager	Construction Manager		14/07/08	31/03/11		34	32.5	4.5
loc	SALL	Works Manager, Off-Street	Foreman		27/08/08	31/12/10		21	29	4
loc	SALL	Works Manager On-Street		01/09/08	01/09/08	31/12/10		24	28	3
loc	SALL	General Foreman	Foreman		18/08/08	31/12/10		21	28.5	3.5
loc	1BCD	Section Manager 1B, C, D	Driver Storeman	06/10/08	06/10/08	31/12/10		26	26.75	1.75
loc	1BCD	Senior Engineer	Section Manager		18/02/08	31/12/10		19	31	6
loc	1BCD	Engineer 3			23/09/08	31/12/10		19.75	27.25	2.25
loc	1BCD	Engineer	QA Engineer	04/10/08	04/10/08	24/12/10	14/10/08	0.6	0.6	0.6
loc	1BCD	Engineer	QA Engineer	14/10/08	14/10/08	31/12/10		31.5	25	0
loc	1BCD	QS Section 1B,C,D	QS	01/07/08	01/07/08	31/03/11		28	35	5
loc	1BCD	QS Assistant		29/09/08	01/10/08	31/03/11		23	30	2
loc	1BCD	QS Assistant	Admin Assistant	01/10/08	15/09/08	31/03/11		23	30.5	2.5
loc	54B	Assistant-QS	Assistant-QS		07/07/08	14/09/08	14/09/08	2.25	2.25	2.25
loc	54CD	Clerk-2	Clerk		23/09/08	14/09/08	14/09/08	2.75	2.75	2.75
loc	5ABC	Section Manager 5A, 5B, 5C	Construction Manager		01/01/08	31/12/10		0	31	6
loc	5ABC	Site agent 1 / Sub Agent	Agent		10/09/08	31/12/10		23	27.75	2.75
loc	5ABC	QS Section 5A, 5B, 5C	QS	25/08/08	25/08/08	31/03/11		21	31.25	3.25
loc	5ABC	QS Assistant		02/06/08	02/06/08	31/03/11		21	34	6
loc	5ABC	QS Assistant	Package QS, RJ Macleod and	07/09/08	07/09/08	30/03/11		30	30.75	2.75
loc	567	Section Manager 5C(W), 6, 7	Senior Engineer		27/10/08	31/03/10		23	17	1
		Local staff						733	991.25	107.25
		Local staff								
freel	CM	Claims Manager only 0.25 from 04/09/08	Change Manager		16/11/08	15/09/08	15/09/08	3	3.5	3.5
freel	CM	Claims Manager replaced Tom	Change Manager		01/09/08	31/12/11		31	40	3
freel	CM	Senior QS 1	Senior QS 1		26/05/08	31/12/11		0	43	6
freel	CM	Senior QS 2	Senior QS 2		18/06/08	31/12/11		0	42.5	5.5
freel	CM	Senior QS 4	Senior QS 4		23/06/08	31/12/11		0	42.25	5.25
freel	CM	Senior QS 3	Senior QS 3		04/08/08	31/12/11		0	41	4
freel	CO	QS Project	QS	01/08/08	01/11/07	31/12/11		25	43	6
freel	CO	QS Senior System Wide	QS		01/01/08	31/12/10		0	16.18	3.68
freel	CO	QS	QS		16/06/08	31/03/11		23	33.5	5.5
freel	PE	CRE Rimini Planner / (Trd parties interfaces too)	CRE Rimini Planner / (Trd parties interfaces too)		12/05/08	30/06/10		25	25	6
freel	SM	Land Surveyor	Surveyor		14/07/08	31/12/08		24	5.5	4.5
freel	SM	Area Materials Manager	Lab Technician		01/01/08	31/05/09		0	7.75	5.5
freel	1A	Section Engineer	Agent	01/11/08	20/10/08	31/03/10		23	17.5	1.5
freel	1BCD	Site Agent	Agent		19/02/08	31/12/10		22	31	6
freel	1BCD	Sub Agent West	Agent		17/03/08	31/12/10		22	31	6
freel	1BCD	Engineer 3	Engineer		24/07/08	24/12/10	30/09/08	2.25	2.25	2.25
freel	1BCD	Engineer 2	Engineer		21/07/08	31/12/10		21	29.25	4.25
freel	1BCD	Engineer 4 for Sec. 2A	Engineer		13/07/08	30/06/10		21	23.5	4.5
freel	1BCD	Engineer	Package Manager, Barr and	01/10/08	04/08/08	30/06/10		20.5	23	4
freel	1BCD	Engineer	Package Manager/QS, Graf	01/10/08	11/08/08	30/06/10	21/11/08	3	3.5	3.5
freel	1BCD	Engineer	Package Manager/QS, Graf	01/10/08	11/08/08	30/06/10		24	19	0
freel	1BCD	QS Senior	QS		04/08/08	31/03/11		21	32	4
freel	2A/5A	Engineer	Agent	01/10/08	11/08/08	31/03/10		22	19.75	3.75
freel	5ABC	Senior Engineer 2			18/03/08	31/12/10		23	31	6
freel	5ABC	QS Senior	QS	-	09/06/08	24/03/11	26/09/08	3.75	3.75	3.75
freel	5ABC	QS Senior	QS		30/09/08	31/03/11		18.25	30	2
freel	567	Section Manager 5C(W), 6, 7	Senior Engineer		18/02/08	24/03/10	30/09/08	0	4	4
		Freelance staff						377.75	643.68	113.93
		Freelance staff								
exp	ENG	Design Manager 1	Design Manager 1	11/08/08	18/08/08	30/06/10		25	22.5	3.5
exp	ENG	Design Co-ordinator	Design Co-ordinator		16/06/08	30/06/10		25	24.5	5.5
exp	ENG	Interface Engineer	Interface Engineer		01/07/08	31/12/10		37	30	5
exp	ENG	Engineer-1			04/07/08	27/02/09	31/12/08	4	6	6
exp	CM	Engineer 1			17/11/08	27/02/09		19	1.75	0.25
exp	ENG	Engineer-2	Engineer	04/08/08	04/08/08	27/02/09	31/10/08	3	3	3
exp	ENG	Engineer 2			01/11/08			14	4	1
exp	ENG	Engineer 3	Engineer	04/08/08	04/08/08	27/02/09		21	7	4
exp	PCO	Project Control Manager	Project Control Manager		15/05/08	15/06/08	15/06/08	0	2.5	2.5
exp	PCO	Project Control Manager	Project Control Manager		14/07/08	31/07/11		0	36.5	4.5
exp	PCO	Cost Controller	Cost Controller 1		16/06/08	30/04/11		34	34.5	5.5
exp	PCO	Cost Controller	Estimator		04/07/08	31/12/10		0	30	5
exp	CM	Change Manager			01/10/08	31/12/11		0	39	2
exp	4A	Section Manager	Engineer	04/08/08	04/08/08	24/12/10	31/10/08	3	3	3
exp	1A	Section Manager		01/11/08				25	26	1
exp	SM	Package Manager, Barr and Farrane	Package Manager, Barr and	-	14/07/08	24/07/08	31/08/08	0.6	0.6	0.6
		Expatriate staff						210.5	270.75	51.3
		Expatriate staff								
ENG	ENG	Design Manager	Cleaner	01/10/08	01/11/08	31/12/09		38	13	0
ENG	ENG	Approval Engineer	Cleaner	01/10/08		31/12/09		38	13	0
SM	SM	Environmental Engineer	Materials Manager	01/11/08	01/01/09	30/04/11		35	28	0
TM	TM	Traffic Management Engineer	Driver Storeman	01/11/08		31/12/10		30	25	0
1BCD	1BCD	Sub Agent East	Design Co-ordinator	01/11/08		31/12/10		19	25	0
1BCD	1BCD	Senior Engineer	Planning Engineer 2	01/11/08		31/12/10		24	25	0
1BCD	1BCD	Senior Engineer	Clerk	01/11/08		31/12/10		21	25	0
1BCD	1BCD	Engineer	Clerk	01/11/08		31/12/10		21	25	0
2A/5A	2A/5A	Section Manager 2A, 5A(E)	Clerk	01/10/08		31/12/10		21	25	0
5ABC	5ABC	Engineer	Setting Out Engineer	01/10/08	29/09/08	31/12/10		3	25	0


				Project: <b>Edinburgh Tram Network</b>							
				as per: <b>30/11/2008</b>							
2.06a Staff List											
	SABC	Engineer	Clerk		01/11/08	29/09/08	31/12/10		23	25	0
	SABC	Engineer	QS		01/11/08		31/12/10		17	25	0
	SABC	Senior Engineer	Agent		01/01/09		31/12/10		22	25	0
	SABC	Engineer	Foreman		01/01/09		31/12/10		23	24	0
	SABC	Engineer	Foreman		01/01/09		31/12/10		23	24	0
	SABC	Engineer	Setting Out Engineer		01/01/09		31/12/10		19	24	0
	567	Engineer	Site Supervisor		01/01/09		31/03/10		25	15	0
	SALL	General Foreman, East			01/11/08		31/12/10		25	25	0
	SALL	General Foreman, West			01/11/08		31/12/10		25	25	0
	CO	QS Section Subcontract	Package QS, Barr and Farr		01/10/08		31/03/11		22	28	0
	SABC	QS	Security		01/10/08		31/03/11		38	28	0
	CPA	Administration Assistant			01/01/09	29/09/08	31/03/11		38	27	0
	ZZZ	Training	Training						0	0	0
	ZZZ	Recruitment	Recruitment						0	0	0
	still to be start monthly										
	still to be start cumulated								550	524	0
	Total Project Staff monthly										
	Total Project Staff cumulated								2275.25	2784.68	327.43

**2.06b Staff Chart**




		Project: <b>Edinburgh Tram Network</b>											
		as per: <b>30/11/2008</b>											
													
2.08 Claims / Variations / Changes													
Internal No.	External No.	Description	Submitted		Forecast			Approval		Status of Negotiation			Remarks
			Date	Amount	Maximum	assessed	Minimum	Date	Amount	agreed	not agreed	no further negotiation	
1A-D		IFC dates entered into the Schedule Part 15 (Sect 1A-1D)	12/06/2008	3,000,398	3,000,398	1,000,000	750,000				3,000,398		
002		Instruction to proceed with Hilton Hotel Car Park	11/06/2008	90,068	90,068	80,000	0				90,068		
003		Instruction to proceed with road surveys.	11/06/2008	94,578	94,578	46,570	46,570			46,570	48,008		
004		Instruction to proceed with Russell Road Bridge											
005		Instruction to proceed with Haymarket Viaduct											
006		Instruction to proceed with Gogaburn Bridge											
007		Hard standing at Haymarket Yards.	11/06/2008	43,131	881	750	750			750	131	42,250	estimate withdrawn, works have not to be done, claim now just for costs of estimate
<del>008</del>		<del>Various Drawing Revisions since Base Date Design Information</del>											withdrawn
009		Archaeological Dig currently ongoing in area Gogar Tramstop - Sect. 7											
010		Archaeological Dig currently ongoing in area Gogar Tramstop - Sect. 5 C											
<del>011</del>		<del>Archaeological Dig currently ongoing in area Gogar Tramstop - Sect. 5 C</del>											withdrawn because duplicate of 010
<del>012</del>		<del>Archaeological Dig at Gogar Tramstop causes damage to Tram Corridor</del>											submitted under INTC 80
<del>013</del>		<del>Notified Departure due to CEC Planning consents delay communicated</del>											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											
<del>017</del>		<del>South Gyle Access Bridge west abutment piled foundations</del>		11,000								11,000	estimate withdrawn
018		No completion of various Utility Diversions in Depot area	11/06/2008	79,538	39,187	30,000	20,000				39,187	40,351	Revised Estimate submitted
019	1	Archaeological Survey to the Caley Ale House	02/06/2008	5,234				19/09/08	5,201			33	Revised Estimate submitted
<del>020</del>		<del>Disconnect Utilities to Caley Ale House</del>	02/06/2008	1,418								1,418	withdrawn
021	2	Asbestos in the Caledonian Ale House	02/06/2008	8,509				19/09/08	5,268			3,241	Revised Estimate submitted
022		Asbestos in th existing Steps to Haymarket Station Carpark											
023		Demolition of Access Steps to Haymarket Station Carpark	02/06/2008	4,040	4,040	3,000	0				4,040		
024		Instruction to proceed with Verity House Access Road pre IFC											
<del>025</del>		<del>Instruction to proceed with demolition of Caley Ale House pre IFC</del>											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		Instruction to SDS to accelerate Delivery of IFC to Meet BBS		21,184	0	0	0				21,184		
<del>031</del>		<del>Single handrail to Telford Road Bridge</del>											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 648)											
<del>035</del>		<del>New Requirements by Public Realm Design Workbook (SDS Letter 648)</del>											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 01074											
039		Delay and Disruption to Roads detailed design as SDS Letter 01074											
040		Delay and Disruption to Ground Investigation											
041		Delay and Disruption to Ravelston Tramstop, Dykes Bridge											
042		Delay and Disruption to Ravelston Tramstop Landscaping											
043		Amended design for Shandwick Place Lighting											
044		Amendments to Ocean Terminal Layout	25/06/2008	2,613,386	155,344	75,000	-25,000				155,344	2,458,042	reduction of scope of work, therefore decrease of initially submitted amount
045		Delay and Disruption due to amended design A25920 Balfour St Tram Stop											
046		Delay and Disruption due to amended design SDS2500040											
047		Delay and Disruption due to amended design SDS24720											
048		Additional TRO Drawings as SDS-Letter dated 4th July 2008	15/07/2008	3,996	3,996	3,000	1,000				3,996		
049		TNC 6 Bernard Street Public Realm Works	17/07/2008	1,224,685	1,224,685	0	0			720,356	504,329		
050		Various Traffic Signal requirements tie letter		24,558	24,000	15,000	10,000				24,558		
051		TNC002-Utilities diversions & associated works	25/07/2008	94,850	82,574	75,000	60,807			60,807	21,767	12,276	reduction of scope of work, therefore decrease of initially submitted amount
052		TNC003-Utilities diversions & associated works	25/07/2008	190,008	86,313	70,000	66,032			66,032	20,282	103,694	reduction of scope of work, therefore decrease of initially submitted amount
053	3	TNC004-Utilities diversions & associated works	25/07/2008	236,901	127,059	75,000	33,723	10/10/08	33,723		93,336	109,842	scope of work was reduced, therefore total amount to be reduced
054		TNC007-St Andrew Square Public Realm Works as CEC specification	25/07/2008	9,934,437	9,934,437	5,658,032	0			5,658,032	4,276,405		
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 Haymark											

			Project: <b>Edinburgh Tram Network</b>										
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2.08 Claims / Variations / Changes													
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			Date	Amount	Maximum	assessed	Minimum	Date	Amount	agreed	not agreed	no further negotiation	
059	5	Notified Departure in acc. With Schedule 4 due to tie-Asbestos Survey	31/07/2008	26,227				30/10/08	26,048			179	
060		Diversion of Existing Sweer at Gogarburn Bridge - conflict with the 300 mm dia	08/08/2008	44,661	44,661	30,000	25,945			25,945	18,716		
061		Infraco to investigate proposals for re-use of RBS Bunded Material	08/08/2008	109,274	109,274	75,000	50,000				109,274		
062		Draw down from Defined ProvSum Item 2 - Power connections to Depot											
063		Trolley Wire for Street Running Areas & Catenary - Haymarket to Airport											
064		TNC009 - Ocean Terminal Revised Finishes	21/08/2008	1,689,839								1,689,839	estimate withdrawn, revised to be submitted again
065		Murrayfield Retaining Walls - Introduce Visual Pattern to Murrayfield RTW	21/08/2008	4,190	4,190	3,000	1,500				4,190		
066		TNC 013: RBS Gogarburn Tramstop Feasibility cost	21/08/2008	1,251,237	2,500	0	0				2,500	1,248,737	estimate withdrawn, will probably come up again (scope of works has changed) claim now just for costs of estimate
067		Murrayfield Tramstop - Provision of Secondary Staircase	21/08/2008	38,639	38,639	25,000	15,000				38,639		
068		Edinburgh Park - Earthworks and Drainage IFC Drawings											
069		Gyle Stop Retaining Walls											
070		Bankhead Retaining Walls											
071		FoW to Bailour Street IFC Drawings (As 68)											
072		Haymarket to Roseburn Junction - SW Consent Issue (As 68)											
073		Russel Road Retaining Wall - Contamination Hogweed											
074		Sewer Diversion, Gogar Landfill	25/08/2008	27,305	27,000	20,000	12,729			12,729	14,576		
075		Demolition of 2 Nr. Workshops Adjacent to NCR	25/08/2008	14,348	14,348	14,348	10,000				14,348		
076		Gogar Depot Public Tramstop proposals GRIP options 4B & 4C2	28/08/2008	2,661,909	2,661,909	0	0				2,661,909		Non scope works not instructed - Various Options
077		DESIGN ONLY to Amend line of route design section 5/c (Batch 5/22)	29/08/2008	4,019	4,019	3,000	2,000				4,019		
078		Design only for alterations to design of Edinburgh Airport	02/09/2008	61,734	61,734	45,000	30,000				61,734		
079		Instruction from CEC to design an alternative layout for Haymarket Junction	02/09/2008	60,795	60,415	0	0				60,415	380	Estimate is for Design only
080		Gogarburn Retaining Wall-CEC requesting change to finish of the wall											
081		Environmentally Friendly Lighting - CEC have requested using 42 pit lamp		11,688	11,688	0	0				11,688		
082		Contamination - fly tipping											
083		Traffic Management - Temporary Traffic Signals											
084		TNC005-Burnside road Diversion - Fees for design (INF_CORR.006)	02/09/2008	30,598	963	500	0				963	29,635	design works will be carried out by others, awaiting tie CO for abortive Costs
085		TNC008 - Lindsey Road Retaining Wall Cost Estimate											
086		Request for Extended Period of Time - TNC010											
087	4	Duct Installation at Leith Walk		104,905								104,905	tie placed the order for works with MUDFA
088		Power Connections Phase 1a											only concerning Siemens
089		Balfour Street Crossing											
090		Change order request: SDS Development Workshop Attendance		71,464	71,464	0	0				71,464		
091		Confirmation of Verbal Instruction Reference ETN002											
092		Design the Russell Road retaining wall		95,164								95,164	withdrawn
093		Lindsay Road,Ocean Drive,Ocean Terminal,Tower Place Planning Permission		47,637	47,637	0	0				47,637		
094		Hilton Hotel Full Planning		11,492							11,492		estimate withdrawn, revised to be submitted again
095		Additional Depot Prior Approvals		17,216							17,216		estimate withdrawn, revised to be submitted again
096		Shandwick Place DED preferential Treatments		80,413	15,447	12,000	10,000				15,447	64,966	Estimate for Preliminary Design only, not for the full design
097		Balgreen road Bridge Amending Technical Design		3,594	3,077	0	0				3,077	517	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											amount of last month was wrong - not submitted yet
104		IFC Drawing Change Baird Drive RTW											
105		IFC Drawing Change Balgreen Road Retaining Wall											
106		IFC Drawing Change Murrayfield Stadium RTW											
107		IFC Drawing Change Bankhead RTW											
108		IFC Drawing Change Gyle Stop RTW											
109		IFC Drawing Change Murrayfield Underpass											
110		IFC Drawing Change South Gyle Access Bridge											
111		IFC Drawing Change Gogarburn Bridge											
112		IFC Drawing Change Haymarket Viaduct											
113		IFC Drawing Change Russell Road Bridge											
114		IFC Drawing Change Roseburn Viaduct											
115		IFC Drawing Change Carrickknowe Bridge											
116		IFC Drawings Water of Leith Bridge											

			Project: <b>Edinburgh Tram Network</b>										
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2.08 Claims / Variations / Changes													
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			Date	Amount	Maximum	assessed	Minimum	Date	Amount	agreed	not agreed	no further negotiation	
117		Extra Demolition required at Russell Road Retaining wall											
118		IFC Drawing Change Cathedral Lane Sub Station											
119		IFC Drawing Change Leith Walk Sub Station											
120		IFC Drawings Demolition& reinforcing existing building for Leith Walk Sub											
121		Urban Traffic Controls (UTC) associated with delivery of the alignment											
122		Delay in receipt of CEC prior approval Sections 1A1 & 1A2											
123		Forth Ports Agreement and Design Completion		56,520	56,520	0	0				56,520		
124		Requirement for Contractors License for Network Rail Related Works											
125		Unforeseen Ground Conditions at Haymarket Viaduct											
126		Revised design for OLE poles in Section 1B											
127		Split Packages for Prior Approvals: Ocean Terminal to Port of Leith.		5,734	5,734	0	0				5,734		
128		CEC request for change to roads design at Edinburgh Park Station											
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.											
442		<del>War Memorial Relocation (Pavement)</del>											withdrawn because duplicate
133		Additional cost to mobilisation at Gogar. Additional Vario-guard required											
134		Lighting Columns required to be relocated at A8 Underpass											
135		Balgreen Road - Demolition of Railway Structure											
446		<del>Picardy Place-add design work &amp; additional works to pavements-Playhouse.</del>											withdrawn
137		Sect. 1A1 and 1A2 - CEC's proposed amendments to tree build-outs											
138		Design the piled foundations to the Water of Leith Bridge											
139		Revised location of OLE poles in Section 1A at the request of CEC.											
140		Delay to issue of IFC Drawings for											
141		West End Tramstop - revised requirements from CEC/ie.		17,761	17,761						17,761		
442		<del>Christmas and Festival Suspensions - conflict of information.</del>											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 710500 /710600											
145		Additional work arising from CEC's additional comments on Section 5C											
146		IFC Drawing Change Russell Road RTWs 1,2,3 &4											
147		IFC Drawings Change Murrayfield Training Pitches											
148		IFC Drawing Change Balgreen Road Underbridge											
149		Removal and deposition of material from previous works section 7											
150		IFC Drawing Changes S 21 Rosebank Viaduct											
151		Excavate and replace existing BO material within existing utility trenches.		55,212	47,456	25,000	12,746			12,746	34,711	7,755	
152		IFC Drawing changes Vertical & horizontal Alignment Section 5 Sheets 1-26											
153		IFC Drawing changes Soft Landscaping Section 5 sheets 1 to 26											
154		IFC Drawing changes OLE Section 5 sheets 1 to 13											
155		IFC Drawing changes Gogarburn RTWs 15A,15C, 144D											
156		IFC Drawing changes Stops Edinburgh Park Saughton and South Gyle											
157		Survey of Existing Drainage (Gogar Landfill)											
158		Provisional Sum - Provide Crew Relief Facilities at Haymarket Station Viaduct		140,401	140,401	133,000	130,000				140,401		
159		Provisional Sum - Relocation of Ancient Monuments		230,926	120,000	100,000	75,000				230,926		
160		IFC Drawing changes - Edinburgh Park Bridge											
161		Traffic Management - Temporary Traffic Signals											
462		<del>Bus-Tracker, TPDS and Radio</del>											only concerning Siemens
163		Haymarket Taxi Stance											
164		Delayed Listed Building Consent Applications											
165		Delayed issued of IFCs for Section 1A4											
166		Demolition of existing garage and fuel tanks on Ocean Drive.		17,023	17,023	15,000	15,000				17,023		
167		Accommodation Works to Wanderers Clubhouse Building at Murrayfield											
168		Demolition of existing building at 33 Ocean Drive.		5,870	5,870	4,000	2,500				5,870		
169		Demolition of Police Box Coffee Bar - Picardy Place		1,922	1,922	1,500	1,000				1,922		
170		Demolition and alteration of existing building at Cathedral Lane											
171		Contract with Faber Maunsell for Transyt and Linsig Modelling Assessments.											
172		Traffic Modelling - Pedestrian Crossing Timings Standard		40,416	40,416						40,416		
173		Discovery of underground petrol tank at National Car Rental Site.											
174		Discovery of new BT ducts under kerb line in Section 1B											



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Internal No.	External No.	Description	Submitted		Forecast			Approval		Status of Negotiation			Remarks	
			Date	Amount	Maximum	assessed	Minimum	Date	Amount	agreed	not agreed	no further negotiation		
175		Extended Construction Support and Design Support Team												INTC withdrawn - refer to Schedule Part 4 Clause 4.7
176		Temporary Ramps (2 no.) at Gogar Church Road Construct Car Park		6,643	6,643	5,000	4,000				6,643			
177		Harbour Trackwork Storage Area												only concerning Siemens
178		Mandatory tie Change - No instruction issued by tie at trigger date												
179		Gatehouse Works to Murrayfield Stadium												
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		Edinburgh Airport Tramstop Kiosk		14,299	14,299	10,000	75,000				14,299			
183		Leith Walk - temporary white lining												
184		Discovery of void around existing BT Duct - Chainage 360 RHS												
185		Discovery of Thus Ducts and Gas Main - Chainage 374 RHS												
186		CEC's requirement - specification temporary bus shelters on George Street.												
187		Additional excavated material at Depot												
187.1		Additional excavated material at Depot - Investigate options to reuse												
188		Contaminated Material at Carricknowe												
189		Discovery of Low Voltage Cable in Road Formation												
190		Discovery of Gas Main - Chainage 353 RHS												
191		Discovery of concrete encased lighting cable - Chainage 339 RHS												
192		Discovery of Cable & Wireless ducts - Chainage 108												
193		Discovery of Hydrant in kerb line - Chainage 333 RHS												
194		Discovery of Duct Crossings - Chainage 268 RHS												
195		Discovery of temporary pedestrian crossing lighting ducts												
196		Little King Street works required by CEC outside the Limits of Deviation												
197		Cycle path near Gyle tramstop.												
198		Gogar Roundabout Lighting.												
199		IFC Drawing changes - Balgreen bridges 22 and 22a												
200		IFC Drawing changes - Saughton Bridge												
201		IFC Drawing changes - Depot Access Bridge												
202		IFC Drawing changes - Gogarburn Culverts 1, 2 and 3												
203		IFC Drawing changes - Gogarburn Depot												
204		IFC Drawing changes - Roads, Streetlightning, Drainage Section 5B												
205		IFC Drawing changes - Roads, Streetlightning, Drainage Section 5C												
206		IFC Drawing changes - Bankhead Tramstop												
207		Scottish Gas Networks - Trial Investigations to protect gas main at Culvert 2												
208		Leith Walk Christmas Embargo												
209		IFC Drawing changes - McDonald Road and Balfour Street Tram Stops												
210		IFC Drawing changes - Road, Lighting, Landscaping and Drainage Sect. 1B												
211		IFC Drawing changes - Haymarket Tram Stop												
212		IFC Drawing changes - Roads, Street Lighting, Landscaping and Drainage												
213		IFC Drawing changes - Haymarket Station Substation												
214		Allow bus traffic to continue to run westbound along Princes Street												
215		Demolition and alteration of existing Bus Depot at Leith Walk												
216		Discovery of alkathene water pipe above formation level - Chainage 265 RHS												
217		Discovery of Thus ducts above formation level and fouling kerb line - 250 RHS.												
218		Discovery of 2 No. LV and 1 No. LV cables above formation level - 182 RHS.												
219		Discovery of Hydrant above formation level - Chainage 177 RHS												
220		Discovery of Water connection pipework above formation level - 161 RHS												
221		Mudfa excavations containing water main and connections - 125 RHS												
222		Discovery of valves and a hydrant fouling the new kerb line - 120 RHS												
223		Discovery of stone culvert - Chainage 100 RHS												
224		Discovery of Scottish Power cables - Chainage 90 RHS												Withdrawn - no action required.
225		TBA												
226		TBA												
227		TBA												
228		TBA												
229		TBA												
230		TBA												
231		TRA												


[illegible]

Project: **Edinburgh Tram Network**  
as per: **30/11/2008**



### 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										0				
		0	1	2	3	4-5-2	5	6	7	8-9-5-6-7	8	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				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	2,289,899	
Jun-08	ACCUM	1,552,000		21,389,899	21,389,899	0				21,389,899			21,389,899	
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	2,295,133	
Jul-08	ACCUM	2,882,784		23,803,998	23,685,031	-118,967				23,685,031			23,685,031	
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	2,099,228	
Aug-08	ACCUM	4,348,256		25,852,074	25,784,259	-67,815				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				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				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		0	
Nov-08	ACCUM	10,459,129		28,398,066	27,958,437	-439,629				27,958,437			27,333,331	
8	MONTH	-10,459,129		-28,398,066	-27,958,437	439,629	0	0	0	-27,958,437			-27,333,331	
Dec-08	ACCUM	0		0	0	0				0			0	
9	MONTH	0		0	0	0	0	0	0	0			0	
Jan-09	ACCUM	0		0	0	0				0			0	
10	MONTH	0		0	0	0	0	0	0	0			0	
Feb-09	ACCUM	0		0	0	0				0			0	
11	MONTH	0		0	0	0	0	0	0	0			0	
Mar-09	ACCUM	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	
13	MONTH	0		0	0	0	0	0	0	0			0	
May-09	ACCUM	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	
15	MONTH	0		0	0	0	0	0	0	0			0	
Jul-09	ACCUM	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	
17	MONTH	0		0	0	0	0	0	0	0			0	
Sep-09	ACCUM	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	
19	MONTH	0		0	0	0	0	0	0	0			0	
Nov-09	ACCUM	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	
21	MONTH	0		0	0	0	0	0	0	0			0	
Jan-10	ACCUM	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	
23	MONTH	0		0	0	0	0	0	0	0			0	
Mar-10	ACCUM	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	
25	MONTH	0		0	0	0	0	0	0	0			0	
May-10	ACCUM	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	
27	MONTH	0		0	0	0	0	0	0	0			0	
Jul-10	ACCUM	0		0	0	0				0			0	
TOTALS		0		0	0	0	0	0	0	0			27,333,331	
				(w/o Advance Payment)					(w/o Advance Payment)	(w/o Advance Payment)				
								0	(with Advance Payment)	27,333,331			(with Advance Payment)	

		Project: <b>Edinburgh Tram Network</b>	
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## 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
25.1.2015/5	N/A	0	0	0
27/11/2008				
MacKenzie Construction				

#### 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
N/A				

### 2. Inspection and Testing

Type of Work	Frequency acc. to stipulations laid down in Project Quality Plan/	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	0	0	0	0	0	0	

### 3. Further quality-related events during this month


(please describe shortly)

The issues of SDS's role in BSC's ITPs, together with Format of ITPs to be resolved during Nov 2008. Outstanding ITPs to be drafted and submitted as a priority as well as the revision and re-submission of the PMP/QP.

5 ITP's have been 'accepted with comments' and will be re-submitted in a new agreed format form of ITP by the first week of December - with TIE's comments having been addressed. Five new ITPs will also submitted at the same time. SDS's role within the Inspection & Test Plans has now been clarified and agreed between all parties and SDS have revised the weekly 'Construction Support Site Visit Inspection' reporting format in accordance with Tie's replied comments. SDS review all draft ITPs by email and return their comments for amendment. ITP Workshops are then held with BSC and their WPCs. An ITP Workshop will be held on the 21/11/08.

Barr Construction have agreed to submit a Project Quality Plan and Task Specific ITPs for their scope of the works for Depot Construction, showing how their own Quality Management System will be applied to the ETN Project and will address specific ER requirements as necessary.

Project Management Plan: It is intended to re-submit revised components of the BSC PMP/QP on the 12/12/08.

Project: <b>Edinburgh Tram Network</b>	
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## 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.

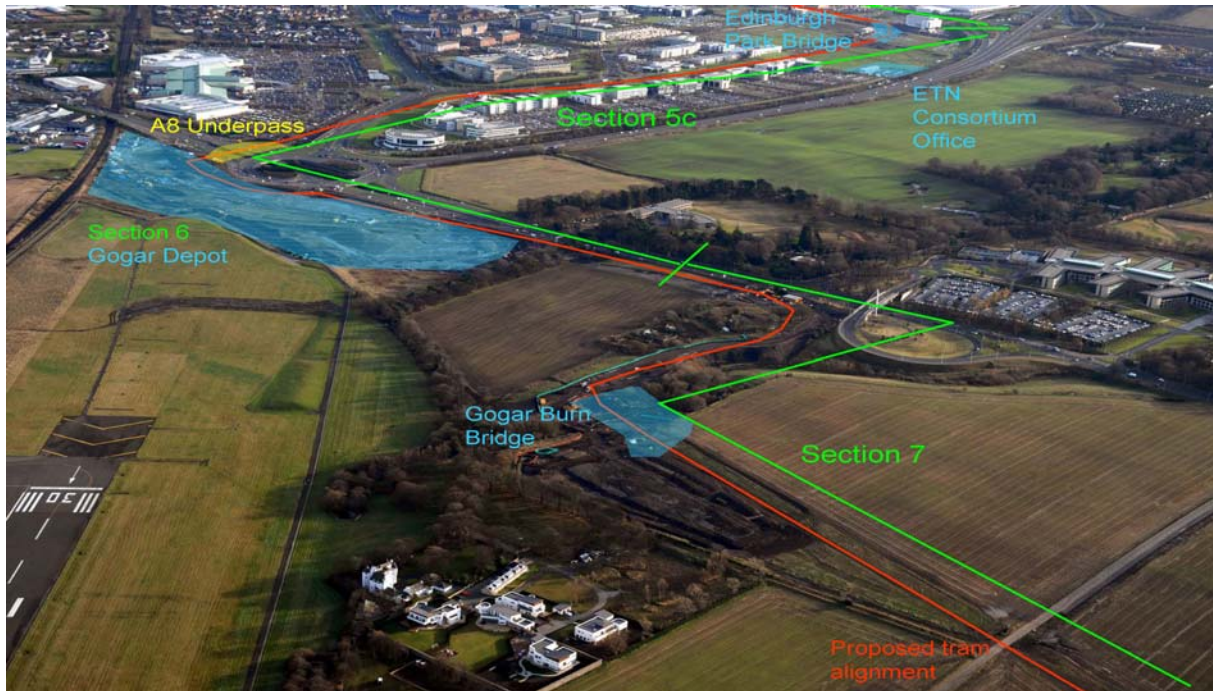
Month:	<b>Nov-08</b>
Construction site:	<b>Edinburgh Tram Network</b>
Org. Unit:	<b>Bilfinger Berger Civil</b>
Date:	<b>30th November 2008</b>
Prepared by:	<b>[Redacted]</b>
Phone:	<b>[Redacted]</b>

	Complete the following columns:	In case of an internal JV, the following columns have to be completed:
<input type="checkbox"/> <b>BB Civil site</b>	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"/> <b>External JV BB is technical leader</b>	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"/> <b>External JV BB is NOT technical leader</b>	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	57	0	65	16	24	162
2 Man-hours worked by site staff	11,229	0	12,805	3,152	4,278	31,464
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					1	1

The figures refer to the current month only!

2.13 Project Photographs



Overview Sect. 5c - 7 (08/12/08)



Overview Sect. 1b (08/12/08)





Sect. 1b - Leith Walk (27/11/08)



Sect. 2a - Piers at Haymarket Viaduct (27/11/08)





Sect. 2a - Piers at Haymarket Viaduct (27/11/08)



Sect. 5c - Edinburgh Park Track Sub Base (27/11/08)





Sect. 5c - Piling Rig 8a Underpass (27/11/08)



Sect. 7 - Temp Bridge and works at Gogar Burn Bridge abutments (27/11/08)



Site Office Edinburgh Park Bridge (27/11/08)

	<b>Project: Edinburgh Tram Network</b> <b>as per: 30/11/2008</b>
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### 3.01 Overview Estimated Chances & Risks

	Risk Title	estimated	dissoluted	remaining
		' GBP	' GBP	' GBP
01.	Add. Insurances acc. CL. 76.17	10		10
02.	Liquidated Damages	464		464
03.	Interface with Railway Authorities	25		25
04.	Uninsured Econmic Losses	133		133
05.	Delayed Start Of Construction Works	360		360
06.	Firm items In Value Engineering	280		280
07.	Quantity Risk	1,000	293	707
08.	Corderoy's Quantities For Pavements in Sect. 5	389		389
09.	CEC Planning	25		25
10.	Road Safety Audit	250		250
11.	Network Rail	75		75
12.	Edinburgh Park	38		38
13.	Forth Ports	5		5
14.	HMRI	25		25
15.	Rails Drainage, Connections to existing drainage	70		70
16.	Tramstop	72		72
17.	Bonding and Earthing Not Priced	15		15
18.	Obstructions / Boulders (Piling And Achoring)	30		30
19.	Settlement / Consolidation	20		20
20.	Soil Stabilization For Traffic on Embankments	100		100
21.	Reconstruction In Full Depth Of Pavement 1B	198		198
22.	Labour	40		40
23.	Staff	40		40
24.	Performance Of Utility Companies	5		5
25.	Ecology	1		1
26.	Pollution	2		2
27.	Changes In Law	30		30
28.	Legal Support	100		100
29.	Value Engineering	200		200
30.	Interpretation Of Code Of Constuction Practice	100		100
31.	Siemens/BB Scope Split	500		500
32.	Enhanced Labour Rate	294		294
33.	Interface Systems & Civils	1,000		1,000
34.	Escalation	4,871	2,927	1,944
	Chance Title	estimated	dissoluted	remaining
		GBP	GBP	GBP
01.	Changes in Employers Requirements	-100		-100
02.	Package Contractors Interface	-10		-10
	Chance (n)			
	<b>total</b>	<b>10,654</b>	<b>3,220</b>	<b>7,434</b>

Project: **Edinburgh Tram Network**

as per: **30/11/2008**



### 3.02a Design Package Tracker Statistic

No.	Description Status																		
		Design Packages [nos.]																	
		Section														Phase		Total	
		SW	1A	1B	1C	1D	2A	3A	3B	3C	5A	5B	5C	6	7A	1a [nos.]	1b [nos.]	[nos.]	
0	Not issued yet	0	1	0	0	0	1	1	1	1	0	2	0	2	2	8	3	11	
1	Issued for External Approval	0	11	0	4	2	0	0	2	0	3	0	3	1	5	29	2	31	
2	Issued for External Approval - QA rejected	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Issued for Construction	1	1	2	2	0	3	24	2	3	11	8	2	11	4	45	29	74	
4	Issued for Construction - QA rejected	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Partially Agreed for Construction	0	0	1	0	0	2	0	0	0	0	2	1	0	0	6	0	6	
6	Fully Agreed for Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	As-Built Info Issued to SDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	As-Built Design completed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total:	1	13	3	6	2	6	25	5	4	14	12	6	14	11	0	34	122	



System Wide:

Bidger Mitigation Plan

