





**SUPPLY OF 27 TRAMS FOR THE EDINBURGH TRAM NETWORK**  
PROJECT PLANNING up to 3 of January

Id	Name	%	Start	Finish	2008												2009												2010												2011											
					M	A	M	J	J	A	S	O	N	D	E	F	M	A	M	J	J	A	S	O	N	D	E	F	M	A	M	J	J	A	S	O	N	D	E	F	M	A	M	J	J							
67	<b>REMAINING TRAM'S</b>	0%	18/03/09	04/02/11	[Gantt bar from 18/03/09 to 04/02/11]																																															
68	<b>2nd Tram</b>	0%	18/03/09	04/06/10	[Gantt bar from 18/03/09 to 04/06/10]																																															
69	BODYSHELLS MANUFACTURING & FINISHING	0%	18/03/09	24/12/09	[Task bar from 18/03/09 to 24/12/09]																																															
70	FACTORY & DYNAMIC TESTS	0%	09/12/09	19/04/10	[Task bar from 09/12/09 to 19/04/10]																																															
71	TRANSPORT	0%	19/04/10	10/05/10	[Task bar from 19/04/10 to 10/05/10]																																															
72	DELIVERY OF THE TRAM	0%	10/05/10	10/05/10	[Task bar from 10/05/10 to 10/05/10]																																															
73	COMMISSIONING OF THE TRAM	0%	10/05/10	04/06/10	[Task bar from 10/05/10 to 04/06/10]																																															
74	<b>3rd Tram</b>	0%	07/04/09	04/06/10	[Gantt bar from 07/04/09 to 04/06/10]																																															
75	BODYSHELLS MANUFACTURING & FINISHING	0%	07/04/09	20/01/10	[Task bar from 07/04/09 to 20/01/10]																																															
76	FACTORY & DYNAMIC TESTS	0%	05/01/10	19/04/10	[Task bar from 05/01/10 to 19/04/10]																																															
77	TRANSPORT	0%	19/04/10	10/05/10	[Task bar from 19/04/10 to 10/05/10]																																															
78	DELIVERY OF THE TRAM	0%	10/05/10	10/05/10	[Task bar from 10/05/10 to 10/05/10]																																															
79	COMMISSIONING OF THE TRAM	0%	10/05/10	04/06/10	[Task bar from 10/05/10 to 04/06/10]																																															
80	<b>4th Tram</b>	0%	29/04/09	04/06/10	[Gantt bar from 29/04/09 to 04/06/10]																																															
81	BODYSHELLS MANUFACTURING & FINISHING	0%	29/04/09	09/02/10	[Task bar from 29/04/09 to 09/02/10]																																															
82	FACTORY & DYNAMIC TESTS	0%	25/01/10	19/04/10	[Task bar from 25/01/10 to 19/04/10]																																															
83	TRANSPORT	0%	19/04/10	10/05/10	[Task bar from 19/04/10 to 10/05/10]																																															
84	DELIVERY OF THE TRAM	0%	10/05/10	10/05/10	[Task bar from 10/05/10 to 10/05/10]																																															
85	COMMISSIONING OF THE TRAM	0%	10/05/10	04/06/10	[Task bar from 10/05/10 to 04/06/10]																																															
86	<b>5th Tram</b>	0%	20/05/09	04/06/10	[Gantt bar from 20/05/09 to 04/06/10]																																															
87	BODYSHELLS MANUFACTURING & FINISHING	0%	20/05/09	01/03/10	[Task bar from 20/05/09 to 01/03/10]																																															
88	FACTORY & DYNAMIC TESTS	0%	12/02/10	19/04/10	[Task bar from 12/02/10 to 19/04/10]																																															
89	TRANSPORT	0%	19/04/10	10/05/10	[Task bar from 19/04/10 to 10/05/10]																																															
90	DELIVERY OF THE TRAM	0%	10/05/10	10/05/10	[Task bar from 10/05/10 to 10/05/10]																																															
91	COMMISSIONING OF THE TRAM	0%	10/05/10	04/06/10	[Task bar from 10/05/10 to 04/06/10]																																															
92	<b>6th Tram</b>	0%	19/06/09	05/07/10	[Gantt bar from 19/06/09 to 05/07/10]																																															
93	BODYSHELLS MANUFACTURING & FINISHING	0%	19/06/09	16/03/10	[Task bar from 19/06/09 to 16/03/10]																																															
94	FACTORY TESTS	0%	26/02/10	01/06/10	[Task bar from 26/02/10 to 01/06/10]																																															
95	TRANSPORT	0%	01/06/10	15/06/10	[Task bar from 01/06/10 to 15/06/10]																																															
96	DELIVERY OF THE TRAM	0%	15/06/10	15/06/10	[Task bar from 15/06/10 to 15/06/10]																																															
97	COMMISSIONING OF THE TRAM	0%	15/06/10	05/07/10	[Task bar from 15/06/10 to 05/07/10]																																															
98	<b>7th Tram</b>	0%	21/07/09	05/07/10	[Gantt bar from 21/07/09 to 05/07/10]																																															
99	BODYSHELLS MANUFACTURING & FINISHING	0%	21/07/09	31/03/10	[Task bar from 21/07/09 to 31/03/10]																																															
100	FACTORY TESTS	0%	15/03/10	01/06/10	[Task bar from 15/03/10 to 01/06/10]																																															
101	TRANSPORT	0%	01/06/10	15/06/10	[Task bar from 01/06/10 to 15/06/10]																																															
102	DELIVERY OF THE TRAM	0%	15/06/10	15/06/10	[Task bar from 15/06/10 to 15/06/10]																																															
103	COMMISSIONING OF THE TRAM	0%	15/06/10	05/07/10	[Task bar from 15/06/10 to 05/07/10]																																															
104	<b>8th Tram</b>	0%	17/09/09	04/08/10	[Gantt bar from 17/09/09 to 04/08/10]																																															
105	BODYSHELLS MANUFACTURING & FINISHING	0%	17/09/09	15/04/10	[Task bar from 17/09/09 to 15/04/10]																																															
106	FACTORY TESTS	0%	30/03/10	01/07/10	[Task bar from 30/03/10 to 01/07/10]																																															
107	TRANSPORT	0%	01/07/10	15/07/10	[Task bar from 01/07/10 to 15/07/10]																																															
108	DELIVERY OF THE TRAM	0%	15/07/10	15/07/10	[Task bar from 15/07/10 to 15/07/10]																																															
109	COMMISSIONING OF THE TRAM	0%	15/07/10	04/08/10	[Task bar from 15/07/10 to 04/08/10]																																															











**Bilfinger Berger – Siemens – CAF Consortium**

## **10.5 RFI Register**

# Process Register

**Company** Bilfinger Berger Civil  
**Channel** etn



Status	System Ref	WorkPackage Ref	Publishing Company	Title	Content
Open	RFI-00048	1111-1	Graham Construction	RFI 048 - LOD AT ROSEBURN GARAGES-MURRAYFIELD SECTION 5A	LOD AT ROSEBURN GARAGES - MURRAYFIELD SECTION 5A Issued 13.06.08 Response Received 03.07.08 - TRN-
Open	RFI-00059	BSC-58	Siemens Transportation Systems	RFI 059 - ELECTRICITY SUPPLIES	ELECTRICITY SUPPLIES Issued 25.06.08 response Received 03.07.08 - TRN-01512
Open	RFI-00060	BSC-59	PB	RFI 060 - RETAINING WALLS	RETAINING WALLS Issued 27.06.08 Response Received 16.07.08 - TRN-01584
Open	RFI-00065	BSC-64	Siemens Transportation Systems	RFI 065 - ELECTRICITY AND METER SUPPLIER	ELECTRICITY AND METER SUPPLIER Issued 03.07.08 Response Received 10.07.08 - TRN-1544
Open	RFI-00073	BSC-72	Siemens Transportation Systems	RFI 073 - DEPOT TRANSFORMER	DEPOT TRANSFORMER Issued 11.07.08 Response Received 16.07.08 - TRN-01584
Open	RFI-00074	BSC-73	Siemens Transportation Systems	RFI 074 - WASHING PLANT DESIGN	WASHING PLANT DESIGN Issued 11.07.08 Response Received 16.07.08 - TRN-01584
Open	RFI-00075	BSC-74	Siemens Transportation Systems	RFI 075 - REQUIREMENTS FPR FLOATING SLAB	REQUIREMENTS FPR FLOATING SLAB Issued 11.07.08 Response Received 21.07.08 - TRN-01600
Open	RFI-00076	BSC-75	Siemens Transportation Systems	RFI 076 - DATA REQUIRED FOR NEW ELECTRICITY APPLICATIONS	DATA REQUIRED FOR NEW ELECTRICITY APPLICATIONS Issued 11.07.08 Response Received 18.07.08
Open	RFI-00077	BSC-76	Siemens Transportation Systems	RFI 077 - RE-ISSUE OF RFI 067	RE-ISSUE OF RFI 067 Issued 14.07.08 Response Received 18.07.08 - TRN-01596
Open	RFI-00079	BSC-78	PB	RFI 079 - LAND	LAND Issued 18.07.08 Response Received 21.07.08
Open	RFI-00082	BSC-81	Siemens Transportation Systems	RFI 082 - TRAMSOP LIGHTING	TRAMSOP LIGHTING Issued 31.07.08
Open	RFI-00098	BSC-97	Siemens Transportation Systems	RFI 00098- ETN(TRW)TIE&ABC#050013; Additional Turnouts	Drawing No. ULE90130-01-TAL-00004 Rev. 4 (see attachment) illustrates a scissor crossover as provisi

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# Process Register

Company Bilfinger Berger Civil  
Channel etn



Open	RFI-00099	BSC-98	Siemens Transportation Systems	RFI 00099-ETN(DWE)TIE&ABC050014_Compresed Air	Following previous versions of the ER the technical proposal for the DWE considers a Compressed Air
Open	RFI-00100	BSC-99	Siemens Transportation Systems	RFI 00100- ETN(TRW)TIE&ABC#050020 - Value Engineering TRW	Value Engineering Opportunity – Change from Embedded track to ballasted track; Tie reference: INF_CO
Open	RFI-00103	BSC-102	Siemens Transportation Systems	RFI 00103- ETN(SIG)TIE&ABC#050027 Timetable System	Please provide details of the tram timetable system proposed for the Edinburgh Tram project and in p
Open	RFI-00108		PB	PB TQ 0005	SEE ATTACHED FILE
Open	RFI-00110		Siemens Transportation Systems	SERVICE VEHICLE PAYLOAD (ETN(DWE)TIE&ABC#050059)	In the Employer's Requirements, Section 29.14-Depot, Provisional Schedule of the Plant and Equipment
Open	RFI-00111		Siemens Transportation Systems	Track Support Stiffness (Please see also attached PDF-File)	See attached RFI form and the attached PDF: ETN(TRW)TIE=T&ABC_055661 Track Support Stiffness_iss2_re
Open	RFI-00113		Siemens Transportation Systems	Application of EN50122-2 or EN50162 standard for corrosion risk of utilities	The corrosion risk of reinforced concrete structures is assessed in BS EN 50122-2:1998, "Railway app
Open	RFI-00114		Siemens Transportation Systems	Ducts	ER Chap 18.2 is demanding 20% spare duct capacity of the maximum sized duct. Considering the heat
Open	RFI-00115		PB	ULE90130-SW-TQF-00608	PB TQ 0006
Open	RFI-00116		Siemens Transportation Systems	Noise & Vibration Protecting Measures	During a meeting on the requirements for noise & vibration we have been informed by Tie, that co
Open	RFI-00117		Siemens Transportation Systems	Gogar Depot OLE Sectioning	The designed sectioning is flexible but complex, there is an opportunity to simplify, reduced ca
Open	RFI-00118		Siemens Transportation Systems	Gogar Depot OLE Sectioning	The designed sectioning is flexible but complex, there is an opportunity to simplify, r
Open	RFI-00121		Siemens Transportation Systems	Gogar Depot OLE Sectioning	The designed sectioning is flexible but complex, there is an opportunity to simplify, r
Open	RFI-00124		Siemens Transportation Systems	Emergency Telephone Lines	In order to progress the Emergency Line requirments listed in the Employee Requirements can Tie pl
Open	RFI-00125		Siemens Transportation Systems	Depot PABX requirments	In order to progress the PABX design can Tie / Transdev, please specify the number of PABX exten
Open	RFI-00135		Bilfinger Berger Civil	Sect 1B Drainage outside 54 Leith Walk ( TQ 279)	Mudfa installed footpath gully drainage in new road excavation profile. Instruction required for wh
Open	RFI-00151		Bilfinger Berger Civil	Invasive Species Reports	From: - John Darbyshire of JDC Ecology who are contracted to provide Ecological services to Bilfinge
Open	RFI-00156		Bilfinger Berger Civil	Section 1B	Thus ducts from chamber at approx ch 210 running to and through Jane St have not been lowered an

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## Process Register

Company Bilfinger Berger Civil  
Channel etn



Open	RFI-00161		Bilfinger Berger Civil	Lindsay Road Retaining Wall (W1) and Associated Works: Ch 100000 to 100500	Areas of the Permanent works fall outside the current LOD and LAU. Further areas are required for c
Open	RFI-00162		Bilfinger Berger Civil	Section 1B Roadworks	New kerb alignment approx ch 510 - 530 runs through new BT and C&W chambers. Please advise (see
Open	RFI-00164		Siemens Transportation Systems	Depot PABX Emergency Lines	Further to the meeting held with members of Transdev (Keating / Parkes), Siemens (Smith) and the
Open	RFI-00165		Bilfinger Berger Civil	Section 1B Roadworks - high water valve	At approx ch550 RHS a water valve (currently in footpath) which is in the new road construction wi
Open	RFI-00166		Bilfinger Berger Civil	Section 1B Roadworks - Drawpit ch474	A new electricity drawpit at approx ch 474 RHS currently on the footway but to be within carriag
Open	RFI-00167		Bilfinger Berger Civil	Section 1B Roadworks - BT chamber ch 490	Edge of BT chamber cover at approx ch 490 LHS lies on line of new kerb. (See attached photo). Plea
Open	RFI-00168		Bilfinger Berger Civil	Section 1B Roadworks - ch 495 gas valve	A gas valve at approx ch 495 RHS will foul the new kerb line (see attached photo). Please advise
Open	RFI-00169		Bilfinger Berger Civil	Section 1B Roadworks - C&W chamber north radius Crown Place	A new chamber for C&W on the north radius of Crown Place, approx ch110, is fouling the new kerblin
Open	RFI-00170		Bilfinger Berger Civil	FW:Section 1B Roadworks - ch399 jointing chamber	raised by Young, Frank of Bilfinger Berger Civil on 07/01/2009----- New chambe
Open	RFI-00171		Bilfinger Berger Civil	Section 1B Roadworks - FH ch405 RHS	New fire hydrant at ch 405 RHS currently in footway has only120mm cover to spindle but will be in
Open	RFI-00172		Bilfinger Berger Civil	Section 1B Roadworks -FHs ch446	2 No fire hydrants (1 old, 1 new ?) currently on footway but to be in new carriageway only have 85
Open	RFI-00173		Bilfinger Berger Civil	Section 1B Roadworks - ch506 FH	Fire hydrant currently in footway but to be in new carriageway only has 80mm cover from current po
Open	RFI-00174		Bilfinger Berger Civil	Section 1B Roadworks ch 592 drawpit	Drawpit fouling new kerb line at ch592 LHS (see attached photo). Please advise
Open	RFI-00175		Bilfinger Berger Civil	FW:HV Cables Haymarket Depot	raised by Rice, Jim of Bilfinger Berger Civil on 12/01/2009----- Drawing Numbe
Open	RFI-00176		Bilfinger Berger Civil	Haymarket Depot entrance existing utilities	Drawing number ULE90130-05-UTL-00001 shows a number of existing utilities running up the access ro
Open	RFI-00177		Bilfinger Berger Civil	Section 1b Site Clearance	Please confirm that Tie have notified the relevant authority for the following street furniture remo
Open	RFI-00178		Bilfinger Berger Civil	Section 1b Site Clearance.	Please confirm that Tie have notified the relevant authority for the following street furniture remo
Open	RFI-00179		Bilfinger Berger Civil	Section1c Site Clearance	Please confirm that Tie have notified the relevant authority for the following street furniture remo

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## Process Register

Company Bilfinger Berger Civil  
Channel etn



Open	RFI-00180		Bilfinger Berger Civil	Section 1B Roadworks - ch 625 RHS BT chamber	The new BT chamber built at ch625 RHS fouls the new kerblines and ducts exiting to the road will have
Open	RFI-00181		Bilfinger Berger Civil	Section 1B Roadworks - ch 882 BT chamber	BT chamber at ch 882 RHS clashes with new kerblines and ducts exiting across carriageway will only
Open	RFI-00182		Bilfinger Berger Civil	Section 1B Roadworks - ch710RHS water valve	Valve on new water main at ch 710 RHS lies on new kerblines (see attached photo). Please advise
Open	RFI-00183		Bilfinger Berger Civil	Section 1B Roadworks - ch900 LHS valve	New valve on water main approx ch 900 LHS clashes with new kerblines (see attached photo). Please advise
Open	RFI-00184		Bilfinger Berger Civil	Section 1B Roadworks - ch 890 valve	New valve on water main approx ch 890 LHS clashes with new kerblines (see attached photo). Please advise
Open	RFI-00185		Bilfinger Berger Civil	Section 1B Roadworks - ch 210 LHS valve	Water valve at ch 210 LHS currently in footway but will be in new carriageway has only approx 120m
Open	RFI-00186		Bilfinger Berger Civil	Section 1B Roadworks - ch 530 RHS drawpit	Existing chamber at approx ch 530 RHS clashes with new kerblines (see attached photos). Please advise



Publishing User
Des Millar
Nigel Baskerville
Alan Dolan
Roland Brueckmann
Robert Kraemer
Norbert Wunder
Robert Kraemer
Nigel Baskerville
Robert Kraemer
Alan Dolan
Roland Brueckmann
Robert Kraemer



Robert Kraemer
Klaus Dieker
Robert Kraemer
Emily Davies
Frank Wenzel
Klaus Dieker
Robert Kraemer
Robert Kraemer
Emily Davies
Robert Kraemer
Robert Kraemer
Robert Kraemer
Robert Kraemer
Robert Kraemer
Robert Kraemer
Robert Kraemer
Brian Donnelly
Brian Donnelly
Frank Young



Tim Lennie
Frank Young
Michael Wilken
Frank Young
Frank Young
Frank Young
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Frank Young
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Frank Young
Frank Young
Frank Young
Frank Young
Frank Young
Frank Young
Jim Rice
Jim Rice
Graham Adcock
Graham Adcock
Graham Adcock

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Frank Young
Frank Young
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Frank Young
Frank Young

## **10.6 Civil Works Procurement Schedule**



Subcontract Procurement / Register Contract : Edinburgh Tram Network				PROGRAMME REQUIREMENTS								PROCESSES											
Order Number	Subcontract Trade	Section	Company	Prospective Companies	QS	PROGRAMME REQUIREMENTS				PROCESSES													
						Enquiry Needs Sent Out By (F74-3)	Status	Order Needs Placed By	Status	Letter of Intent Issued / Limited Order to Proceed	Required for Start on Site	Design Package Issued for Construction	F74-1 Subcontract Questionnaire	F519-1 Subcontract Environmental Questionnaire	F74-4 Subcontract Pre-Award/Start Meeting	F74-5 Subcontract Quality Plan	Authority to Place	C102-2 Approval	F74-9 Subcontract Review	Order Issued	Order Back	F74-11 Start Form	F74-2 Reference Review
1	Land Surveys (SW)	SW	Becker Geomatics Ltd		DG	n/a	✓	n/a	✓		n/a	n/a	✓					n/a	✓	✓	✓		
2	Tree Felling / Advance Works (SW)	SW	W Laing		DG	n/a	✓	n/a	✓		n/a							n/a	✓	✓	✓		
3	Site Clearance / Civils Package (7A)	7A	Farrans (Construction) Ltd		DG	n/a	✓	n/a	✓		n/a		✓	✓				n/a	✓		✓		
4	Setting Out Engineers / Advance Works	SW	Beattie Chalmers ltd		DG	n/a	✓	n/a	✓		n/a		n/a					n/a	✓	✓	✓		
5	Demolition of Caley Alehouse	2A	John Graham (Dromore) Ltd		DG	n/a	✓	n/a	✓		16-Jun-08		✓	✓				n/a	✓		✓		
9	Existing Road Surveys	SW	Mouchel		DG	n/a	✓	n/a	✓		23-Jun-08		✓		✓			n/a	✓	✓	✓		
10	Erection of Temporary Trackside Fencing	5	Lumberjax Environmental		SJ		✓		✓		21-Jun-08					✓		n/a	✓	✓	✓		
11	Civils Package	7A/5C		Farrans	DG	16-Jun-08	✓	28-Jul-08		06-Aug-08	04-Aug-08						✓						
12	Civils Package	2A1D5A		John Graham (Dromore) Ltd	DG	23-Jun-08	✓	21-Jul-08			02-Mar-09												
13	Consortium Office Site Set - up	SW	A & C Construction		SK	02-Jun-08	✓	14-Jul-08	✓		28-Jul-08		✓	✓			n/a	✓			✓		
15	Temporary Sheet Piling	5		SPUK, McGrattan, LB Foundations	SJ	26-May-08	✓	07-Jul-08			21-Jul-08												
16	Contiguous CFA Piling	5		Bachey, Stent	SJ	07-Jul-08	✓	18-Aug-08			01-Sep-08												
17	Temporary Works Design	SW	Tony Gee		TG	12-May-08	✓	23-Jun-08		30-Jun-08	n/a		✓	✓			n/a					✓	
18	Formwork, Rebar, Concrete	5		Expanded Ltd, Dunne Gp, Stephenson plus L Onlys	JMD	23-Jun-08	✓	21-Jul-08			18-Aug-08												
19	Reinforced Earth Retaining Walls	5		Netlon, Reco	SJ	23-Jun-08		21-Jul-08			18-Aug-08												
20	PC Beams	5	Banagher		TG	23-Jun-08	✓	20-Oct-08	✓		01-Dec-08												
21	Bridge Bearings	5			DG																		
22	Earthworks	5		Celmisa, RJT, I & H Brown, Geddes,McGregor	SJ	28-Jul-08		25-Aug-08			01-Sep-08												
23	Drainage Duct	5		AC Construction	SJ	27-Jun-09		25-Jul-09			01-Aug-09												
24	Photography	SW	White House Studios		SK	04-Jun-08	✓	16-Jul-08		n/a	23-Jul-08		✓	✓	✓	n/a	n/a	✓					
25	Structural Steel	5	Fairfield Mabey		SK					26-Jun-08	01-Dec-08	28-Jul-08	✓										
26	Traffic Management (SW)	SW	Class One		TG		✓	22-Jul-08			05-Aug-08		✓	✓	✓	✓							
27	Timber Fencing	SW		G Walker, JKF, DE Fencing, Lumberjacks, Alter	TG		✓																
28	Surfacing - Compound	SW	Crummock		SK												n/a	✓					
29	White lining and road markings	SW		Linemarkings, Markon	DG																		
30	Deck waterproofing & Surface Treatment	SW		Universal Sealants, Pitchmastic, Stirling Loyd	DG																		
31	Metal railings and hadrailing	SW		DE Fencing, JKF	DG																		
32	Soil Nailing Testing	7		Ritchie - 08446 625010	SJ	14-Jul-08		01-Aug-08			01-Sep-08												
34	Designers	SW	Parsons Brickerhoff		DG												n/a					✓	
38	Civils Package	6	Barr Ltd		DG	26-May-08	✓	07-Jul-08	✓	02-Jun-08	04-Aug-08		✓				✓	✓	✓	✓			
42	Property Conditions Survey	SW		DM Hall / PT / DTZ	DG																		
43	Utility Disconnection Fees	SW	Various		DG	n/a		n/a		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
44	Site Investigation Works	5	Raeburn		SJ	02-Jun-08	✓	30-Jun-08		n/a	07-Jul-08				✓				✓				
45	Civils Package	1B	Crummock		DG	04-Aug-08	✓	10-Oct-08		10-Sep-08	06-Oct-08	07-Jul-08	✓	✓	✓	✓	✓	✓	✓				
46	Civils Package	1D	MacKenzie		DG	04-Aug-08	✓	27-Oct-08		17-Dec-08	05-Jan-09	04-Jul-08	✓	✓	✓	✓	✓	✓					
48	Control Network Survey Check - Site Wide		L & M Surveys		SJ	03-Jul-08	✓	14-Jul-08			14-Jul-08						n/a	✓			✓		
49	Utility Diversions	SW		Core Construction, Clancy Doovra, Intuto	DG	14-Jul-08	✓																
53	Acoustic Monitoring	SW	RMP Acoustic Consultants		SK	n/a		20-Jul-08	✓		27-Jul-08		✓	✓	✓		n/a	✓	✓	✓			
55	Tree Felling Adjacent to NR Rail Network		W Laing		SJ	17-Jul-08	✓	11-Aug-08	✓	n/a	25-Aug-08				✓					✓	✓		
58	Ecologist	SW	JDC Ecology Ltd		SK										✓								
65	Supply of Engineers	SW	Siemens TS		SK	n/a		n/a	✓	n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a	✓	✓			
70	Groundworks	5	Gallagher Goundworks		SK	25-Jul-08	✓	04-Aug-08	✓	n/a	11-Aug-08						n/a	✓	✓				
73	Edinburgh Park Hoarding	5	Rapid Hoard Ltd		SK	01-Aug-08	✓	15-Aug-08	✓	n/a	29-Aug-08						n/a	✓	✓	✓			
74	A8 Underpass	5	Expanded Piling Ltd		SJ	06-Aug-08	✓	03-Sep-08	✓	15-Sep-08	15-Sep-08		✓	✓	✓	✓							

Key : F74-1 Subcontractor Questionnaire; F74-2 Subcontract Performance Appraisal; F74-3 Subcontract Enquiry (letter); F74-4 Subcontractor Pre-Award/Start Meeting; F74-5 Subcontract Quality Plan; F519-1 Subcontract Environmental Questionnaire.



Subcontract Procurement / Register Contract : Edinburgh Tram Network				PROGRAMME REQUIREMENTS								PROCESSES												
Item No	Description	Code	Contractor	Code	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End		
77	Temporary Traffic Signals	SW	Beattie Chalmers Ltd	DG			n/a	02-Oct-08																
79	Site drilling		Core Cut Ltd	JA	03-Sep-08	✓	17-Sep-08	✓	n/a	23-Sep-08														
80	Welding Services		Andrew Turner	JA	n/a		19-Sep-08	✓	n/a	23-Sep-08														
81	Edinburgh Park Structure	5	Expanded Structures Ltd	GA	03-Oct-08								✓		✓									
82	Japanese Knotweed Eradication	5	TCM Ltd	GA	16-Sep-08	✓	n/a	✓	30-Sep-08	20-Oct-08			✓	✓	✓						✓	✓		
84	Site Clearance	5	D Methuen Turnstone Ltd	JT	n/a		15-Sep-08	✓	n/a	16-Sep-08											✓	✓		
85	Traffic Management		Faber Maunsell	SK	12-Sep-08	✓	08-Oct-08	✓	n/a	10-Oct-08											✓	✓		
86	Steel Foundations	S27	Steel Foundations Ltd	GA					14-Oct-08	15-Oct-08			✓		✓									
87	Temporary Sheet Piling	S23	McGrattan Piling Ltd	DT	06-Oct-08	✓	20-Oct-08			20-Nov-08			✓		✓									
88	Civils Package	1A1		RJ McLeod, Barr Ltd, McKeen, Land Engineering, Malcom Group	SK	03-Oct-08	✓	14-Feb-09		01-Mar-09														
89	Civils Package	1A2		RJ McLeod, Barr Ltd, McKeen, Land Engineering, Malcom Group	SK	03-Oct-08	✓	28-Mar-09		12-Apr-09														
90	W1, S16, S17 - Structures	1A		Dunne, McKeen, Expanded	SK	03-Oct-08	✓	10-Nov-08		05-Jan-09														
91	Temporary Traffic Signals		Lochwynd	SK						12-Dec-08											✓	✓	✓	✓
95	Site Clearance	5B / 5C	MW Groundworks Ltd	JT	28-Nov-08	✓	12-Dec-08															✓		
96	Fencing to Consortium Office		William Houston Landscaping	JT	19-Dec-08	✓	16-Jan-09															✓		
100	Temporary Traffic Signals	1	Siemens Traffic Controls	SK					09-Jan-09	10-Jan-09												✓		
101	Amendments to Existing Traffic Signals	1	Telent	SK	n/a		19-Jan-09			26-Jan-09			n/a	n/a	n/a	n/a								
102	Amendments to Existing Traffic Signals	1	Peek	SK	n/a		19-Jan-09			26-Jan-09			n/a	n/a	n/a	n/a								
103	Earthworks	5	Geddes Group	GA																				
104	Civils Package	1C2		RJ McLeod, Barr Ltd, McKeen, Land Engineering, Malcom Group, WJ Harte																				

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## **10.7 Change Register**



ETN INFRA CO NOTIFICATION of the CHANGE (INTC)																											
Ref	The Change Order	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Compensation Event	Type	Change Type	Pricing Method	Priority	COSTS										Section	P33/ Agreed Cost				
												Value Estimate (GBP)												Allocation of Cost			
												£ Subtotal		On & P		Totals		£ Agreed		£ Not Agreed		Plum or VE		Number		See Notes	
												£ Subtotal	On & P	Plum	Total	£ Agreed	£ Not Agreed	Plum or VE	Number	See Notes	See Notes	See Notes					
1(A)	TCD	The Issued for Construction (IFC) dates from the Design Delivery Programme have been entered into the Schedule Part 15 Programme and there are differences from the Base Case Assumption resulting in a Notified Departure - SECTION 4	23/05/2008	SEE 1(D)	SEE 1(D)	Y		D	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
1(B)		The Issued for Construction (IFC) dates from the Design Delivery Programme have been entered into the Schedule Part 15 Programme and there are differences from the Base Case Assumption resulting in a Notified Departure - SECTION 5	22/05/2008	SEE 1(D)	SEE 1(D)	Y		D	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,6,7	0
1(C)		The Issued for Construction (IFC) dates from the Design Delivery Programme have been entered into the Schedule Part 15 Programme and there are differences from the Base Case Assumption resulting in a Notified Departure - SECTION 6	23/05/2008	SEE 1(D)	SEE 1(D)	Y		D	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALL	0
1(D)		The Issued for Construction (IFC) dates from the Design Delivery Programme have been entered into the Schedule Part 15 Programme and there are differences from the Base Case Assumption resulting in a Notified Departure - SECTION 7	21/05/2008	20/05/08 21/05/08 25/05/08 11/06/08 11/06/08 12/06/08 12/06/08 12/06/08 13/06/08 27/06/08 04/07/08 09/07/08 25/07/08 21/08/08 23/08/08 09/09/08 10/09/08 17/09/08 22/10/08 25/11/08 04/12/08 18/12/08 07/01/09	08 Email V31 IFC dates 25.1.2017/M136 25.1.2017/M133 be - PRO CORR 39 25.1.2017/M151 25.1.2017/M152 25.1.2017/M162 be-PRO CORR 20/SBUT 08 Email - EG Ref be-PRO CORR 71/SBUT 25.1.2017/M187 be-PRO CORR 022 08/PM Email V26 v V36 25.1.2017/M298 be-INF CORR 103 be-INF CORR 136 25.1.2017/M445 25.1.2017/M489 be-INF CORR 147 be INF CORR 251 25.1.2017/M819/008 be INF CORR 405 be INF CORR 537 25.1.2017/M819/1247	Y		D	4	4	1	0	3,276,391	2,188,041	5,464,432	inc	inc	5,464,432	0	5,464,432	N/A				ALL	0	
2		Instruction to proceed with The Hilton Hotel Car Park (Letter PRO Infraco 2110 dated 09/05/08) is work in respect of Undefined Provisional Sum Item 1 Accommodation Works, in Schedule Part 4 Appendix B Table 2	21/05/2008	12/05/08 29/05/08 30/06/08 11/06/08 11/06/08 23/06/08 27/06/08 18/12/08 07/01/09	be-PRO Infraco 2110 25.1.2017/M138 be-PRO CORR 39 08 Email - Pricing 25.1.2017/M152 25.1.2017/M157 be-PRO CORR 010 25.1.2017/M185 be INF CORR 537 25.1.2017/M819/1247	N		D	1,2,3	1,2,3		0	76,238	0	76,238	8,188	5,642	90,068	0	90,068	UPS	1		7	0		
3		Receipt of the letter PRO Infraco 2106 dated 9 May 2008 instructing us to proceed with road surveys.	21/05/2008	12/05/08 23/05/08 24/05/08 30/05/08 05/06/08 11/06/08 11/06/08 13/06/08 17/06/08 18/12/08 07/01/09	be-PRO Infraco 2106 CET-56269 25.1.2017/M138 25.1.2017/M139 be-PRO CORR 39 25.1.2017/M144 08 Email - Revised Costs 25.1.2017/M152 25.1.2017/M158 RPI 049 & be-PRO CORR 73 25.1.2017/M170 be INF CORR 537 25.1.2017/M819/1247	Y		D	3,4	3,4	1	0	80,056	0	80,056	8,598	5,924	94,578	46,970	46,008	N/A			1C,1D,2	0		
4		Received the letter PRO Infraco 2107 dated 9 May 2008 instructing us to proceed with Russell Road Bridge in advance of receiving IFC drawings which is a notified departure and mandatory be Change	21/05/2008	12/05/08 29/05/08 11/06/08	be-PRO Infraco 2107 25.1.2017/M138 be-PRO CORR 39 25.1.2017/M152	Y		D	1,2,3	1,2,3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	5A	0
5		Received the letter PRO Infraco 2108 dated 9 May 2008 instructing us to proceed with Haymarket Viaduct in advance of receiving IFC drawings which is a notified departure and mandatory be Change	21/05/2008	12/05/08 24/05/08 11/06/08 23/06/08 10/07/08	be-PRO Infraco 2108 25.1.2017/M138 be-PRO CORR 39 25.1.2017/M152 25.1.2017/M176 SOS-ULE90130-07-LET-00392	Y		D	1,2,3	1,2,3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	0
6		Received the letter PRO Infraco 2109 dated 9 May 2008 instructing us to proceed with Gogarburn Bridge in advance of receiving IFC drawings (read as: surcharge subject to be confirmation)	21/05/2008	09/05/08 12/05/08 29/05/08 11/06/08 27/08/08 17/09/08	be ref TBC (J McEwan) be-PRO Infraco 2109 25.1.2017/M138 be-PRO CORR 39 25.1.2017/M152 25.1.2017/M441 be INF CORR 163	Y		D	1,2,3	1,2,3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
7		be Representatives request for a hard standing at Haymarket yards.	23/05/2008	06/05/08 02/06/08 11/06/08 13/06/08 27/06/08 29/10/08 06/11/08 24/11/08 17/12/08 18/12/08 07/01/09	BBGraham - Email re quote be-PRO CORR 40 25.1.2017/M163 be-PRO CORR 72 25.1.2017/M189 25.1.2017/M194 be INF CORR 341 25.1.2017/M297 be INF CORR 540 be INF CORR 537 25.1.2017/M819/1247	Y		D	3,4	3,4	2	0	750	0	750	75	56	881	750	131	N/A			2	0		
8		Various Drawing Revisions since the Base Date Design information amending the Design prepared by the SDS Provider.	26/05/2008	21/05/08 21/05/08 23/05/08 02/06/08 11/06/08 13/06/08 27/06/08	25.1.2017/M138 be-PRO CORR 39 25.1.2017/M139 25.1.2017/M143 be-PRO CORR 40 25.1.2017/153 be-PRO CORR 72 25.1.2017/M189	N/A		D	1,2,3	1,2,3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	ALL	0

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ETN INFRACO NOTIFICATION OF CHANGE (INTC)

Ref. ID	In Charge Order ID	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Compensation Event	Type	Change Type	Pricing	Priority	Value Estimation				Allocation of Cost	Section	Final Agreed Cost				
												£	£	£	£							
18		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	20/05/2008	05/05/08 06/05/08 22/05/08 30/05/08 06/06/08 19/06/08 19/06/08 25/06/08 25/06/08 17/07/08 28/07/08 05/08/08 05/08/08 19/12/08 07/01/09	BBE's Email BBE's Email BBE's Email Depot 25.1.2017M145 BBE's Email BBE's Email 25.1.2017M154 BBE's Email 25.1.2017M188 & BBE's Email 25.1.2017M204 25.1.2017M206 25.1.2017M206 BBE's Email BBE's Email BBE's Email 25.1.2017M247	Y	Y	D	4	4	2	0	35,170	0	39,187	2,455	0	39,187	6	0		
19		Retrospective BE submission to carry out ACD/AR/AR/AR/AR Survey to the Caley Air House as per letter DEL CORR 176 dated 01 July 2008	02/05/2008	10/05/08 27/05/08 02/07/08 02/07/08 05/09/08 15/09/08	BBE's Email 25.1.2017M186 25.1.2017M204 25.1.2017M204 BBE's Email BBE's Email	Y	Y	D	4	4	0	0	4,430	0	5,201	328	5,201	0	5,201	2	5,201	
20		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	02/05/2008	10/05/08 27/06/08 27/06/08 05/09/08	BBE's Email BBE's Email BBE's Email BBE's Email	N/A	N/A	D	4	4	0	0	0	0	0	0	0	0	0	0	0	
21		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	02/05/2008	22/05/08 10/06/08 02/07/08 09/08/08 02/09/08 19/09/08	BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email	Y	Y	D	4	4	0	0	4,488	0	4,488	332	5,268	0	5,268	2	5,268	
22		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	02/05/2008	10/06/08 27/06/08 02/07/08	BBE's Email BBE's Email BBE's Email	Y	Y	D	4	4	0	0	0	0	0	0	0	0	0	0	0	
23		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	02/05/2008	14/03/08 10/04/08 27/06/08 02/07/08 18/12/08 07/01/09	BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email	N	N	D	4	4	2	0	3,420	0	4,040	253	2,020	2,020	2,020	2	2,020	
24		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	09/05/2008	11/06/08 24/11/08 17/01/09 28/04/08 28/04/08 11/05/08 03/06/08	BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email	Y	Y	M	1,2,3	1,2,3	0	0	0	0	0	0	0	0	0	0	0	
25		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	09/05/2008	11/06/08 24/11/08 17/01/09 28/04/08 28/04/08 11/05/08 03/06/08	BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email	N/A	N/A	M	1,2,3	1,2,3	0	0	0	0	0	0	0	0	0	0	0	
26		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	17/06/2008	24/06/08 30/07/08 19/08/08 02/10/08 15/12/08	BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email	N	N	D	1,2,3,4	1,2,3,4	0	0	0	0	0	0	0	0	0	0	0	0
27		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	17/06/2008	27/06/08 01/07/08 30/07/08 19/08/08 02/10/08 15/12/08	BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email	N	N	M	1,2,3,4	1,2,3,4	0	0	0	0	0	0	0	0	0	0	0	0
28		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	17/06/2008	07/06/08 01/07/08 30/07/08 19/08/08 02/10/08 15/12/08	BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email	N	N	M	1,2,3,4	1,2,3,4	0	0	0	0	0	0	0	0	0	0	0	0
29		Notified Departure in accordance with paragraph 3.4.5.1 and 3.5 Schedule Part 4 due to the MCOA Contractor not having received the necessary approvals for the proposed change in safety and disruption to the infraco's intended sequence.	17/06/2008	07/06/08 01/07/08 30/07/08 19/08/08 02/10/08 15/12/08	BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email BBE's Email	N/A	N/A	M	1,2,3,4	1,2,3,4	0	0	0	0	0	0	0	0	0	0	0	0











ETN INFRA CO NOTIFICATION of the CHANGE (INTC)																										
Ref	Ref	The Change Order	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Compensation Event	Type	Change Type	Pricing Method	Priority	COSTS										Section	Final Agreed Cost		
													Value Estimate (GBP)												Allocation of Cost	
													£ Subtotal	£ H&P	£ Prelets	£ Total	£ Agreed	£ Not Agreed	Plum or VE	Number	£ H&P	£ Not Agreed				
See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes					
52	3	7	INC003 - Utilities diversions & associated works deemed more suitable for inclusion with infraco works rather than MUOFA works. Issued with drawings & schedule, Section 5b	06/06/2008	11/07/08 23/07/08 26/07/08 20/08/08 21/08/08 09/09/08 17/09/08 08/10/08 16/10/08 27/10/08 30/10/08 17/11/08 20/11/08 20/11/08 28/11/08 09/12/08 10/12/08 12/12/08 18/12/08 18/12/08 05/01/09	06-PRO CORR 48 SOS-ULE90130-01-LET-00721 25.1.2010/H4269 25.1.2010/H4308 25.1.2010/H4396 25.1.2010/H4293 25.1.2010/H4469 be INF CORR 158 E-mail Infraco-SOS (MRH) be INF CORR 244 be INF CORR 275 25.1.2010/H4311 be INF CORR 387 25.1.2010/MRH973 be INF CORR 416 25.1.2010/MRH1041 be INF CORR 453 25.1.2010/MRH1115 be INF CORR 508 25.1.2010/MRH1209 be INF CORR 490 25/02/10/1231	Y	Y	M			3	2	0	70,478	0	70,478	inc	5,215	75,694	75,694	0	N/A	98	75,694	
53	4	8	INC004 - Utilities diversions & associated works deemed more suitable for inclusion with infraco works rather than MUOFA works. Issued with drawings & schedule, Section 5c	06/06/2008	07/07/08 23/07/08 26/07/08 05/08/08 20/08/08 21/08/08 22/08/08 06/09/08 09/09/08 15/09/08 17/09/08 02/10/08 08/10/08 10/10/08 16/10/08 31/10/08 17/11/08 20/11/08 28/11/08 12/12/08 12/12/08 16/12/08 18/12/08 18/12/08 07/01/09	06-PRO CORR 48 SOS-ULE90130-01-LET-00722 25.1.2010/H4269 25.1.2010/H4309 be INF CORR 068 25.1.2010/H4396 25.1.2010/H4293 25.1.2010/H4400 Reservation Form Lochside House 21.1.2010/H4469 be INF CORR 141 be INF CORR 158 E-mail B&T cost of BT diversion E-mail Infraco-SOS (MRH) be INF CORR 211 be INF CORR 244 25.1.2010/H4261 be INF CORR 387 25.1.2010/MRH973 25.1.2010/MRH1042 be INF CORR 492 be INF CORR 508 25.1.2010/MRH1177 be INF CORR 537 25.1.2010/MRH1209 25.1.2010/MRH1247 be INF CORR 550	Y	Y	I			3	2	0	109,631	0	109,631	9,068	8,361	127,059	33,723	93,337	N/A	98	0	
54	7		INC007 - St Andrew Square Public Realm Works as CEC specification (Draft). Site forming extended area over infraco contract. Issued with drawings & Specification volume 2 Part 7.	24/06/2008	15/07/08 29/07/08 31/07/08 05/08/08 31/08/08 22/09/08 25/09/08 30/10/08 17/12/08 18/12/08 07/01/09	be INF CORR 059 B&S - Email Estimate Inclusions 25.1.2010/H4310 25.1.2010/H4355 be INF CORR 071 be INF CORR 138 Quote - Stonepave E-mail Siemens/B&S Re Programme E-mail B&S-Be be INF CORR 540 be INF CORR 537 25.1.2010/MRH1247	Y		D			3	4	420,000	8,860,291	0	9,280,291	inc	854,047	9,994,438	4,170,130	5,764,308	N/A	10	0	
55			Delay and Disruption due to late approval by CEC of SOS27890 - 3C Roads Street Lighting/Landscaping at SOS Letter 00256 dated 8th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3	29/07/2008		25.1.2010/H4319			M	1,4	1,4			0	0	0	0	0	0	0	0	N/A	3	0		
56			Delay and Disruption by CEC due to late registering Section 1A Batch 1/08 of foot of the walk transtop and associated one of route) as SOS Letter 00721 dated 11th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3	29/07/2008	11/07/08 02/08/08	SOS-ULE90130-01-LET-00721 SOS-ULE90130-01-LET-00783			M	1,4	1,4			0	0	0	0	0	0	0	0	N/A	1A	0		
57			Delay and Disruption due to late approval by CEC of Section 1D as SOS Letter 00722 dated 7th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3	29/07/2008		25.1.2010/H4319			M	1,4	1,4			0	0	0	0	0	0	0	0	N/A	1D	0		
58			Delay and Disruption due to notification from CEC with respect to road safety Auditors comments for Haymarket Area of Section 1D as SOS Letter 00720 dated 11th July 2008 and in accordance with Schedule Part 4 paragraph 3.4.1.3	29/07/2008		25.1.2010/H4319			M	1,4	1,4	-4		0	0	0	0	0	0	0	0	N/A	1D	0		
59	5	5	Hushed Departure in accordance with 3.4.37 and 3.9. Schedule Part 4 due to the Asbestos Survey carried out by be and the presence of Asbestos in Plots 75,77,92,103,130 & 150 causing delay and disruption to the infraco's intended programme and method of work	31/07/2008	11/09/08 21/10/08 27/10/08 29/10/08 30/10/08 06/11/08	25.1.2010/H4307 E-mail B&S - Hurst Demolition Quote E-mail B&S-Be be INF CORR 274 25.1.2010/H4311 be INF CORR 305 be INF CORR 333	Y		M	4	4			22,200	0	22,200	2,220	1,807	26,227	26,048	179	N/A	2,5	26,048		

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ETN INFRA CO NOTIFICATION of the CHANGE (INTC)																								
Ref	Ref.	The Change Order	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Compensation Event	Type	Change Type	Pricing Method	Priority	Costs						Allocation of Cost	Section	F03: Agreed Cost			
													Value Estimate (GBP)									£ Agreed	£ Not Agreed	Plum or VE
£ Subtotal	£ Bilfinger	£ Siemens	£ Sub-Total	OH & P	Profits	Total	£ Agreed	£ Not Agreed	Plum or VE	Number	Site Notes													
67		TCD	Murrayfield Tramstop Provision of secondary staircase	15/07/2008	04/07/08 24/07/08 06/08/08 15/08/08 21/08/08 05/09/08 02/10/08 16/10/08 01/12/08 10/12/08 18/12/08 03/01/09 09/01/09 07/01/09	SDG-ULE90130-05-LE-00286 25.1.2010/HV264 Be-INF CORR 180 Be-INF CORR 088 SDG-ULE-05-LE-00311 25.1.2010/HV265 Be-INF CORR 138 25.1.2010/HV571 SDG-ULE90130-SW-LET-01246 SDG-ULE90130-SW-LET-01305 SDG-ULE90130-SW-LET-01312 Be-INF CORR 537 25.1.2010/MRH1247 25.1.2010/BOC1264 SDG-ULE90130-SW-LET-01330	Y		M	4	3	32,266	440	0	32,706	3,513	2,420	38,639	0	38,639	N/A	5	0	
68			Delay to issue of Edinburgh Park - E bathworks and Drainage (FC Drawings as a result of delayed drainage consents	23/09/2008	19/09/08 17/11/08 16/12/08	25.1.2010/GC405 Be-INF CORR 168.1 25.1.2010/HV947 25.1.2010/HV1181	N		M	4	1	0	0	0	0	0	0	0	0	0	N/A	5	0	
69			Clyde Stop retaining Walls	22/08/2008	18/08/08 22/10/08 30/10/08 05/11/08 02/12/08 03/12/08 10/12/08 12/12/08 16/12/08	25.1.2010/GC407 Be-INF CORR 164 25.1.2010/IL/751 Be-INF CORR 308 25.1.2010/MRH943 25.1.2010/MRH1077 Be-INF CORR 455 25.1.2010/MRH1113 Be-INF CORR 501 25.1.2010/MRH1139	Y	Y	M	4	3	0	0	0	0	0	0	0	0	0	N/A	5	0	
70			Bankhead Retaining Walls - Failure by MUDFA to complete works	22/08/2008	19/09/08 22/10/08 26/10/08 05/11/08 26/11/08 02/12/08 04/12/08 12/12/08 16/12/08	25.1.2010/GC408 Be-INF CORR 165 25.1.2010/IL/752 Be-INF CORR 284 25.1.2010/MRH939 Be-INF CORR 438 25.1.2010/MRH1075 25.1.2010/MRH1064 Be-INF CORR 455 25.1.2010/MRH1176	Y	Y	M	4	3	0	0	0	0	0	0	0	0	0	N/A	5	0	
71			POW to Balfour Street (FC Drawings (As 46)	23/09/2008	19/09/08 17/11/08 16/12/08	25.1.2010/GC409 Be-INF CORR 168.1 25.1.2010/HV947 25.1.2010/HV1181	N		M	4	4	0	0	0	0	0	0	0	0	0	N/A	16	0	
72			Haymarket to Roseburn Junction - SW Consent Issue (as 68)	23/09/2008	19/09/08 17/11/08 16/12/08	25.1.2010/GC410 Be-INF CORR 168.1 25.1.2010/HV947 25.1.2010/HV1181	N		M	4	3	0	0	0	0	0	0	0	0	0	N/A	2	0	
73			Russes road Retaining Wall - Contamination kindreded	22/08/2008	17/09/08 24/11/08	25.1.2010/GC411 Be-INF CORR 166 25.1.2010/GC398	Y		M	4	2	0	0	0	0	0	0	0	0	0	N/A	5	0	
74			Sewer Diversion, Gogar Landfill	05/08/2008	25/08/08 17/09/08 25/09/08 01/10/08 01/10/08 28/10/08 18/12/08 07/01/09	Be-INF CORR 075 25.1.2010/GC415 Be-INF CORR 160 25.1.2010/GC330 Email T468 - Estimate Comments Be-INF CORR 136 25.1.2010/HV786 Be-INF CORR 537 25.1.2010/MRH1247	Y		M	4	2	3,000	20,329	0	23,329	2,087	1,689	27,305	12,729	14,576	N/A	7	0	
74a			Sewer Diversion, Gogar Landfill	05/08/2008	25/08/08	Be-INF CORR 076			M		2											7		
75			Temporary Access Ramp from Depot	05/08/2008	25/08/08 17/09/08 13/10/08 15/10/08 20/10/08 31/10/08 23/10/08 18/12/08 07/01/09 01/09/09	Be-INF CORR 076 25.1.2010/GC416 Be-INF CORR 161 25.1.2010/MRH665 Be-INF CORR 234 25.1.2010/MRH723 25.1.2010/IL/812 Be-INF CORR 295 Be-INF CORR 537 25.1.2010/MRH1247 25.1.2010/HV538 Be-INF CORR 096	Y		M	4	2	0	12,222	0	12,222	1,222	904	14,348	0	14,348	N/A	6	0	
76	15		Gogar Depot Public Tramstop proposals CRIP options 4B & 4C2	09/08/2008	20/08/08 19/09/08 19/09/08 03/10/08 18/12/08 07/01/09	25.1.2010/GC295 SDG-ULE90130-06-LET-00106 SDG-ULE90130-06-LET-00107 25.1.2010/AL427 Be-INF CORR 537 25.1.2010/MRH1247	Y		I	1,2 & 3	1,2 & 3	4	360,000	2,082,200	924,350	3,366,550	36,000	251,811	3,654,661	0	3,654,661	N/A	6	0
77			DESIGN ONLY to Amend line of route design section 5C (Bath 5/22) Prior approval application Ref 08/02211/PA as the letter INF CORR 055 dated 26th July 2008.	29/08/2008	25/07/08 18/09/08 18/09/08 03/10/08 10/10/08 12/10/08 29/10/08 18/12/08 07/01/09	Be-INF CORR 055 SDG-ULE90130-05-LET-00317 25.1.2010/HV655 Be-INF CORR 155 25.1.2010/MRH613 Be-INF CORR 224 25.1.2010/MRH631 Be-INF CORR 291 Be-INF CORR 537 25.1.2010/MRH1247	Y		M	4	4	4	2,962	440	0	3,402	365	252	4,019	0	4,019	N/A	5	0

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ETN INFRA CO NOTIFICATION of the CHANGE (INTC)		COSTS																	F33								
Ref	Ref	The Change Order	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Compensation Event	Type	Change Type	Pricing Method	Priority	Value Estimate (GBP)						Allocation of Cost		Section	Agreed Cost					
													£ Submitted	£ Not Agreed	Plum or VE	Number	£ Agreed	£ Not Agreed									
													Bilfinger	Siemens	Sub-Total	OH & P	Penalty	Total									
													See Notes	See Notes	See Notes	See Notes											
78		TCD	Design Only for Alterations to design of Edinburgh Airport Tramstop and retaining wall design at Jubilee Road as per letter INF_CORR_072 dated 9th August 2008.	02/09/2008	19/06/08 14/07/08 01/08/08 05/08/08 20/08/08 28/08/08 22/09/08 25/09/08 02/10/08 09/10/08 14/10/08 23/09/08 23/10/08 27/10/08 30/10/08 06/11/08 14/11/08 21/11/08 01/12/08 10/12/08 09/01/09 12/01/09 15/01/09	SDS-ULE90130-07-LET-00344 25.1.2010/HW261 25.1.2010/SW21 Be INF CORR_072 SDS-ULE90130-07-LET-00363 Be INF CORR_122 25.1.2010/HW444 25.1.2010/HW518 Be INF CORR_184 25.1.2010/HW67 SDS-ULE90130-SW-LET-01228 25.1.2010/MRH574 Be INF CORR_255 SDS-ULE90130-SW-LET-01249 25.1.2010/MRH773 Be INF CORR_264 25.1.2010/MRH694 Be INF CORR_388 25.1.2010/MRH993 SDS-ULE90130-SW-LET-01305 SDS-ULE90130-SW-LET-01312 25.1.2010/SC01265 Be INF CORR_468 25.1.2010/MRH1247	Y		M	4	4	4	51,815	440	0	52,255	5,512	3,867	61,734	0	61,734	N/A		7	0		
79			Instruction from CEC to design an alternative layout for Haymarket Junction	03/09/2008	20/08/08 02/10/08 16/10/08 22/10/08 18/12/08 18/12/08 07/01/09	SDS-ULE90130-01-LET-00768 25.1.2010/HW482 25.1.2010/HW573 Be INF CORR_228 SDS-ULE90130-SW-LET-01232 25.1.2010/HW740 25.1.2010/HW181 Be INF CORR_537 25.1.2010/MRH1247			M	4	4	4	51,021	440	0	51,461	5,146	3,808	60,415	0	60,415	N/A		2	0		
80			Gogarburn Retaining Wall - CEC requesting change to the finish of the wall as per PB letter ULE901335-07-LET-00369 dated 3 September.	08/09/2008	03/09/08 26/09/08 02/10/08 02/10/08 29/10/08 04/11/08 10/12/08 18/12/08 07/01/09 13/01/09	SDS-ULE90130-07-LET-00369 25.1.2010/HW467 SDS-ULE90130-07-LET-00373 25.1.2010/HW580 SDS-ULE90130-SW-LET-01229 25.1.2010/HW405 Be INF CORR_195 25.1.2010/HW123 25.1.2010/HW186 SDS-ULE90130-SW-LET-01330 Be INF CORR_583	Y		M	4	4	4	4,258	0	0	4,258	426	315	4,999	0	4,999	N/A		7	0		
81			Environmentally Friendly Lighting - CEC have requested using 42 watt pd lamp rather than the 10 watt CEC (watts light) as per PB letter ULE90130-SW-LET-01184 dated 3 September 2008.	09/09/2008	03/09/08 22/09/08 22/09/08 30/09/08 02/10/08 22/10/08 22/10/08 30/10/08 18/12/08 07/01/09	SDS-ULE90130-SW-LET-01184 Change Notification Be INF CORR_173 25.1.2010/HW468 SDS-ULE90130-05-LET-00332 25.1.2010/HW591 25.1.2010/HW739 SDS-ULE90130-05-LET-00341 25.1.2010/HW610 Be INF CORR_537 25.1.2010/MRH1247			M	4	4	4	9,956	0	0	9,956	996	737	11,689	0	11,689	N/A		A3	0		
82			Contamination - Hy tipping, Oil pollution Contaminated material Household waste Giant Hoopweed	26/08/2008	02/07/08 19/08/08	25.1.2010/TM208 25.1.2010/TM424 Be INF CORR_188	N					2	0	0	0	0	0	0	0	0	0	0	N/A		2,3,5	0	
83			Traffic Management - Temporary Traffic Signals	21/08/2008	30/07/08 07/08/08 09/09/08 25/08/08 06/10/08 15/10/08 06/11/08	25.201.00/PW230 Be INF CORR_079 25.1.2010/PW267 25.1.2010/TM472 Be INF CORR_136 Be INF CORR_151 25.1.2010/PW465 Be INF CORR_344	N					2	0	0	0	0	0	0	0	0	0	0	N/A		3	0	
84	5		INC005-Burrowside road Diversion - Fees for design (INF_CORR 006)	20/06/2008	23/06/08 10/07/08 16/07/08 30/07/08 14/08/08 26/08/08 26/08/08 10/09/08 02/10/08 09/10/08 16/10/08 29/10/08 29/10/08 18/11/08 21/11/08 12/12/08 18/12/08 05/01/09 07/01/09	Be INF CORR_006 25.1.2010/TM176 SDS-ULE90130-07-LET-00352 25.1.2010/HW269 Be INF CORR_062 25.1.2010/TM376 25.1.2010/HW419 SDS-ULE90130-05-LET-00229 25.1.2010/HW477 25.1.2010/HW568 SDS-ULE90130-SW-LET-01221 Be INF CORR_230 25.1.2010/HW799 SDS-ULE90130-07-LET-00380 25.1.2010/HW695 Be INF CORR_514 Be INF CORR_537 25.1.2010/SC01240 25.1.2010/MRH1247	Y		M	4	4	3	380	440	0	820	82	61	963	0	963	N/A		7	0		
85	6		INC008 - Lindsay Road Retaining Wall Cost Estimate.	02/07/2008	30/07/08 16/10/08 13/11/08 20/11/08 12/12/08 18/12/08 18/12/08 07/01/09	Be INF CORR_021 09/06 - Email updated position Be INF CORR_244 Be INF CORR_307 25.1.2010/MRH973 Be INF CORR_508 Be INF CORR_537 25.1.2010/MRH1209 25.1.2010/MRH1247	Y		M	4	4	2	0	0	0	0	0	0	0	0	0	0	0	VPS	6	1A	0

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ETN INFRA CO NOTIFICATION of the CHANGE (INTC)																										
Ref	Ref	The Change Order	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Compensation Event	Type	Change Type	Pricing Method	Priority	Costs						Value Estimate (GBP)		Allocation of Cost		Section	FMS Agreed Cost		
													£ Subtotal	Bilfinger	Siemens	Sub-Total	On & P	Penalty	Total	£ Agreed	£ Not Agreed	Plum or VE			Number	£ per Rate
86	10		MUDFA TO INFRA CO transfer of USIBES Diversion Section 1A, 1B, 1C and 1D	09/08/2008	20/08/08 20/08/08 21/08/08 17/08/08 14/10/08 16/10/08 23/10/08 27/10/08 28/10/08 17/11/08 20/11/08 20/11/08 24/11/08 27/11/08 28/11/08 12/12/08 12/12/08 16/12/08 18/12/08 18/12/08 18/12/08 09/01/09 07/01/09	06-INF CORR 091 25.1.2010/C294 25.1.2010/LU287 25.1.2010/LU293 06-INF CORR 167 Email - Conflict Services 06-INF CORR 244 25.1.2010/LU764 06-INF CORR 273 25.1.2010/MRH976 06-INF CORR 367 25.1.2010/MRH979 06-INF CORR 407 06-INF CORR 408 25.1.2010/MRH1029 25.1.2010/MRH1029 06-INF CORR 521 06-INF CORR 508 25.1.2010/MRH1160 06-INF CORR 537 25.1.2010/MRH1209 06-INF CORR 488 25.1.2010/MRH1229 25.1.2010/MRH1247	Y	Y	M			2	0	0	0	0	0	0	0	0	0	0	0	N/A	18	0
87	11	4	Duct installation at Leith Walk	11/07/2008	22/06/08 14/07/08 31/07/08 21/08/08 10/09/08 17/09/08 23/09/08 23/09/08 22/09/08 06/10/08 08/10/08 16/10/08 27/10/08 19/11/08 18/11/08 02/12/08 05/01/09	Email BB/le - re Estimate 06-INF CORR 030 Email BB/BB re INF CORR 030 25.1.2010/H928 25.1.2010/LU293 25.1.2010/LU475 06-INF CORR 158 25.1.2010/LU200-Core Estimate 25.1.2010/LU520 06-INF CORR 175 06-INF CORR 206 E-mail InfraCO-SGS (MRH) 06-INF CORR 240 06-INF CORR 276 06-INF CORR 383 25.1.2010/MRH954 06-INF CORR 441 25.1.2010/LU1237	Y		I		4	4	0	0	255	0	255	26	19	299	0	299	N/A	16	0	
88	14		Power Connectors Phase 1a	08/08/2008	25/09/08 16/10/08 18/12/08 06/01/09 07/01/09	06-INF CORR 054 ETNBBSC/RESABC#005005 06-INF CORR 244 06-INF CORR 537 06-INF CORR 556 25.1.2010/MRH1247	Y		I			-4	0	0	0	2,715,390	2,715,350	461,610	200,536	3,377,895	0	3,377,895	DPB	11	All	0
89			Balfour Street Crossing	30/10/08	01/09/08 08/09/08 22/09/08 24/11/08 26/11/08 12/12/08	SGS-ULE90130-01-LET-00748 25.1.2010/C294 06-INF CORR 104 25.1.2010/H904 06-INF CORR 412 25.1.2010/MRH1019 25.1.2010/JHU1139	Y					-4	0	0	0	0	0	0	0	0	0	0	N/A	18	0	
90			Change order request, SGS Development Workshop Attendance	31/07/2008	30/04/08 23/07/08 21/08/08 26/09/08 16/12/08 18/12/08 07/01/09	06-CORR 06456JUS JLE90130-SWA-LET-61089 25.1.2010/JHU529 06-INF CORR 102 25.1.2010/JHU541 25.1.2010/MRH1181 06-INF CORR 537 25.1.2010/MRH1247	N				2	60,051	440	60,491	6,437	4,476	71,464	0	71,464	N/A	All	All	0			
91			Confirmation of Verbal Instruction Reference ETN002 - Compensation Event Notice Edinburgh Park Structure (S21) Earthworks/Fundations	10/08/2008	02/10/08 03/10/08 23/10/08 30/10/08 06/11/08 12/01/09	25.1.2010/MRH979 25.1.2010/JHU580 06-INF CORR 204 25.1.2010/C294 06-INF CORR 306 25.1.2010/C0988 25.1.2010/C1272	Y					1	0	282,276	0	282,276	incl	123,355	405,631	0	405,631	N/A	5	0		
92			Design the Proposed Road retaining wall to ensure that this avoids clashing with the existing sewer as per the letter INF_CORR_051 dated 23/07/08	11/09/2008	23/07/08 28/07/08 02/09/08 29/09/08 02/10/08 09/10/08 15/10/08 22/10/08 29/10/08 05/11/08 13/11/08 20/11/08 20/11/08 12/12/08 17/12/08	INF CORR 051 25.1.2010/JHU513 SGS-ULE90130-05-LET-00324 25.1.2010/JHU487 SGS-ULE90130-SWA-LET-01230 25.1.2010/JHU574 SGS-ULE90130-SWA-LET-01230 06-INF CORR 226 25.1.2010/JHU737 06-INF CORR 260 25.1.2010/JHU640 06-INF CORR 356 25.1.2010/C097979 25.1.2010/C097976 06-INF CORR 520 25.1.2010/JHU1196	N/A		M				0	0	0	0	0	0	0	0	0	0	N/A	5	0	
93			Lindsay Road, Ocean Drive, Ocean Terminal & Tower Place Planning Permission	24/09/2008	20/10/08 24/10/08 16/12/08 18/12/08 07/01/09	25.1.2010/JHU526 06-INF CORR 248 25.1.2010/HU766 25.1.2010/MRH1181 06-INF CORR 537 25.1.2010/MRH1247	N		M			-4	40,137	440	40,577	4,058	3,803	47,637	0	47,637	N/A	1A	All	0		
94			Hilton Hotel Full Planning	14/07/2008	17/06/08 28/08/08 09/09/08 22/09/08 16/12/08	PG-ULE90130-07-LET-00339 25.1.2010/HU656 06-INF CORR 124 PG-ULE90130-07-LET-00370 25.1.2010/HU614 25.1.2010/JHU1181	N					2	0	0	0	0	0	0	0	0	0	N/A	7	0		

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ETN INFRA CO NOTIFICATION of the CHANGE (INTC)																											
Ref	Ref. No	The Change Order	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Compensation Event	Type	Change Type	Pricing Method	Priority	Costs						Allocation of Cost		Section	F633 Agreed Cost					
													£ Subtotal	£ Bilfinger	£ Siemens	£ Sub-Total	£ On & P	£ Prisms	£ Total	£ Agreed			£ Not Agreed	Plum or VE	Number		
See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes	See Notes							
25		TCD	Additional Depot Prior Approvals	14/07/2008	17/06/08 05/08/08 22/08/08 09/09/08 10/10/08 19/12/08	SDS-ULE90130-06-LET-00073 25.1.2010/HV259 Be INF CORR 089 25.1.2010/HV399 PB-ULE90130-06-LET-00105 25.1.2010/MRH/695 25.1.2010/JH/1181	N					3	0	0	0	0	0	0	0	0	0	0	N/A		6	0	
26			Standwick Place DED preferential Treatments	24/07/2008	02/09/08 11/09/08 02/10/08 16/10/08 15/10/08 20/10/08 21/10/08 30/10/08 07/11/08 13/11/08 08/12/08	SDS-ULE90130-01-LET-00784 25.1.2010/HV489 25.1.2010/HV566 SDS-ULE90130-SW-LET-01242 Be INF CORR 226 25.1.2010/MRH/722 25.1.2010/HV732 Be INF CORR 226 25.1.2010/MRH/71 25.1.2010/HV873 SDS-ULE90130-SW-LET-01814	Y		M		4	4	13,158	0	0	13,158	1,316	974	15,447	0	15,447	N/A		10	0		
27			Balgreen road Bridge Amending Technical Design	14/07/2008	19/06/08 23/07/08 25/07/08 28/08/08 22/09/08 02/10/08 06/10/08 09/10/08 15/10/08 20/10/08 30/10/08 13/11/08 24/11/08 26/11/08 19/12/08 07/01/09	SDS-ULE90130-05-LET-00273 25.1.2010/HV258 ULE90130-05-LET-00300 Be INF CORR 056 25.1.2010/HV322 SDS-ULE90130-05-LET-00329 25.1.2010/HV568 25.1.2010/MRH/821 SDS-ULE90130-SW-LET-01226 Be INF CORR 226 25.1.2010/MRH/721 25.1.2010/HV873 25.1.2010/HV873 Be INF CORR 417 25.1.2010/MRH/1018 Be INF CORR 037 25.1.2010/MRH/1247	N				3	2,621	0	0	2,621	262	194	3,077	0	3,077	N/A		5	0			
28			Notified Departure due to the issue of SDS Design programme V32.	11/09/2008	30/09/08 15/10/08 13/11/08	25.1.2010/GC486 Be INF CORR 190 25.1.2010/MRH/695 Be INF CORR 351	N		M		1		0	0	0	0	0	0	0	0	0	0	N/A		A9	0	
29			Notified Departure due to the issue of SDS Design programme V33.	11/09/2008	30/09/08 15/10/08 13/11/08	25.1.2010/GC486 Be INF CORR 190 25.1.2010/MRH/695 Be INF CORR 351	N		M		1		0	0	0	0	0	0	0	0	0	0	0	N/A		A9	0
100			Notified Departure due to the issue of SDS Design programme V34.	11/09/2008	30/09/08 15/10/08 13/11/08	25.1.2010/GC486 Be INF CORR 190 25.1.2010/MRH/695 Be INF CORR 351	N		M		1		0	0	0	0	0	0	0	0	0	0	0	N/A		A9	0
101			Notified Departure due to the issue of SDS Design programme V35.	11/09/2008	30/09/08 15/10/08 13/11/08	25.1.2010/GC486 Be INF CORR 190 25.1.2010/MRH/695 Be INF CORR 351	N		M		1		0	0	0	0	0	0	0	0	0	0	0	N/A		A9	0
102			Section 9C - Gogar Church and Gogar Castle		07/04/08 26/06/08 03/07/08 21/08/08 25/07/08 28/08/08 17/09/08	FC1 046 25.1.2010/TM180 Be INF CORR 023 Be INF CORR 101 25.1.2010/TM237 25.1.2010/TM441 CWI Ref. SC0001 Be INF CORR 183	N					3	0	0	0	0	0	0	0	0	0	0	N/A		5	0	
103			NOT USED				N/A																N/A		3	0	
104			FC Drawing Change Bard Drive RTW	15/09/2008	23/09/08 02/10/08 23/10/08 29/10/08 30/10/08 04/11/08 04/12/08 11/12/08 11/12/08	25.1.2010/G497 Be INF CORR 179 25.1.2010/JH/576 25.1.2010/G757 25.1.2010/HV797 Be INF CORR 312 25.1.2010/MRH/833 Be INF CORR 434 25.1.2010/MRH/1134 25.1.2010/D1102	TBA	Y	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	N/A		5A	0
105			FC Drawing Change Balgreen Road Retaining Wall	15/09/2008	23/09/08 02/10/08 23/10/08 29/10/08 30/10/08 04/11/08 04/12/08 11/12/08 11/12/08	25.1.2010/G497 Be INF CORR 179 25.1.2010/JH/576 25.1.2010/G757 25.1.2010/HV797 Be INF CORR 312 25.1.2010/MRH/833 Be INF CORR 434 25.1.2010/MRH/1134 25.1.2010/D1101	TBA	N	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	N/A		5A	0
106			FC Drawing Change Murrayfield Stadium RTW	15/09/2008	23/09/08 02/10/08 23/10/08 29/10/08 30/10/08 04/11/08 04/12/08 11/12/08 11/12/08	25.1.2010/G497 Be INF CORR 179 25.1.2010/G757 Be INF CORR 312 25.1.2010/MRH/833 Be INF CORR 434 25.1.2010/MRH/1134 25.1.2010/D1101	TBA	Y	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	N/A		5A	0
107			FC Drawing Change Bankhead RTW	15/09/2008	23/09/08 02/10/08 23/10/08 29/10/08 30/10/08 04/11/08 04/12/08 11/12/08 11/12/08	25.1.2010/G497 Be INF CORR 179 25.1.2010/JH/576 25.1.2010/G757 25.1.2010/HV797 Be INF CORR 312 25.1.2010/MRH/833 Be INF CORR 434 25.1.2010/MRH/1134 25.1.2010/D1109	TBA	Y	M		4	3	0	0	0	0	0	0	0	0	0	0	0	N/A		5B	0

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ETN INFRA CO NOTIFICATION of the CHANGE (INTC)																															
Ref	Ref	The Change Order	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Compensation Event	Type	Change Type	Pricing Method	Priority	Costs										Section	FMS3 Agreed Cost							
													Value Estimate (GBP)												Allocation of Cost						
												£ Subtotal		OH & P		Totals		£ Agreed		£ Not Agreed		Plum or VE		Number		See Notes					
												Bilfinger		Siemens		Sub-Total		OH & P		Totals		£ Agreed		£ Not Agreed		Plum or VE		Number		See Notes	
100		TCD	F/C Drawing Change Gyle Stop RTW	15/09/2008	23/09/08 29/10/08 30/10/08 04/11/08 04/12/08 11/12/08	25.1.2016G497 Be INF CORR 179 25.1.2016G757 Be INF CORR 312 25.1.2016MRH833 Be INF CORR 434 25.1.2016MRH1134	TBA	N	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	SC	0				
108			F/C Drawing Change Murrayfield Underpass	15/09/2008	23/09/08 29/10/08 30/10/08 04/11/08 04/12/08 11/12/08	25.1.2016G497 Be INF CORR 179 25.1.2016G757 Be INF CORR 312 25.1.2016MRH833 Be INF CORR 434 25.1.2016MRH1134	TBA	N	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	SC	0				
110			F/C Drawing Change South Gyle Access Bridge	15/09/2008	23/09/08 29/10/08 30/10/08 04/11/08 04/12/08 11/12/08	25.1.2016G497 Be INF CORR 179 25.1.2016G757 Be INF CORR 312 25.1.2016MRH833 Be INF CORR 434 25.1.2016MRH1134	TBA	Y	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	N/A	SC	0					
111			F/C Drawing Change Gogarburn Bridge	19/09/2008	30/09/08 16/10/08 30/10/08 04/11/08 04/12/08 11/12/08	25.1.2016G509 Be INF CORR 193 25.1.2016MRH799 25.1.2016MRH705 Be INF CORR 313 25.1.2016MRH834 Be INF CORR 434 25.1.2016MRH1134	TBA	N	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	7A	0				
112			F/C Drawing Change Haymarket Viaduct	19/09/2008	30/09/08 15/10/08 16/10/08 30/10/08 04/11/08 04/12/08 11/12/08	25.1.2016G504 Be INF CORR 193 25.1.2016MRH799 25.1.2016MRH705 Be INF CORR 313 25.1.2016MRH834 Be INF CORR 434 25.1.2016MRH1134	TBA	Y	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	2A	0				
113			F/C Drawing Change Russett Road Bridge	19/09/2008	30/09/08 15/10/08 16/10/08 30/10/08 04/11/08 04/12/08 11/12/08	25.1.2016G506 Be INF CORR 193 25.1.2016MRH799 25.1.2016MRH705 Be INF CORR 313 25.1.2016MRH834 Be INF CORR 434 25.1.2016MRH1134	TBA	Y	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	2A	0				
114			F/C Drawing Change Roseburn Viaduct	19/09/2008	30/09/08 15/10/08 16/10/08 30/10/08 04/11/08 04/12/08 11/12/08	25.1.2016G506 Be INF CORR 193 25.1.2016MRH799 25.1.2016MRH705 Be INF CORR 313 25.1.2016MRH834 Be INF CORR 434 25.1.2016MRH1134	TBA	N	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	5A	0				
115			F/C Drawing Change Cantriknowe Bridge	19/09/2008	02/07/08 30/09/08 15/10/08 16/10/08 30/10/08 04/11/08 04/12/08 11/12/08	25.1.2016G507 Erial BS - par3a48 Be INF CORR 193 25.1.2016MRH799 25.1.2016MRH705 Be INF CORR 313 25.1.2016MRH834 Be INF CORR 434 25.1.2016MRH1134	TBA	Y	M		1,4	1	0	0	0	0	0	0	0	0	0	0	0	0	N/A	2B	0				
116			F/C Drawings Water of Leith Bridge	19/09/2008	30/09/08 15/10/08 16/10/08 30/10/08 04/11/08 04/12/08 11/12/08	25.1.2016G508 Be INF CORR 193 25.1.2016MRH799 25.1.2016MRH705 Be INF CORR 313 25.1.2016MRH834 Be INF CORR 434 25.1.2016MRH1134	TBA	N	M		1,4	3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	5A	0				
117			Extra Demolition required at Russett Road Retaining wall to Roseburn Street Units & Roseburn Garage.	19/09/2008	11/09/08, 24/09/08 21/10/08 29/11/08 11/11/08	25.1.2016G509 25.1.2016G497 25.1.2016G755 Be INF CORR 325 25.1.2016G839	N		M		4	3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	5	0				
118			F/C Drawing Change Cathedral Lane Sub Station	14/10/2008	16/09/08 23/09/08 22/10/08 27/10/08 29/10/08 31/10/08 04/11/08 04/12/08 12/12/08 16/12/08	Be INF CORR 153 25.1.2016G830 Be INF CORR 289 Be INF CORR 289 25.1.2016MRH772 25.1.2016MRH778 Be INF CORR 318 25.1.2016MRH836 Be INF CORR 459 25.1.2016MRH1162 25.1.2016MRH1128	TBA	Y	M		3	3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	1C	0				
119			F/C Drawing Change Leith Walk Sub Station	14/10/2008	23/09/08 22/10/08 27/10/08 29/10/08 31/10/08 04/11/08 04/12/08 12/12/08 16/12/08	25.1.2016G831 Be INF CORR 289 Be INF CORR 289 25.1.2016MRH772 25.1.2016MRH778 Be INF CORR 318 25.1.2016MRH836 Be INF CORR 459 25.1.2016MRH1162 25.1.2016MRH1128	TBA	Y	M		3	3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	1B	0				

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ETN INFRACO NOTIFICATION of the CHANGE (INTC)

Ref. ID	Intc Order No.	Description	Date Notified	Date of further Inters	Letter Ref	Agreed in Principle?	Competition Event	Type	Change Type	Pricing Type	Priority	Value Estimatorship					Allocation of Cost	Section	Final Agreed Cost		
												SCS	Struct	Elect	IT & P	Other				Other	Other
120		EC Drawings Demolition and reworking of existing building to Leith Wk. Sub Station sub station now positioned in area of building to be demolished.	14/10/2009	22001008 27101008 29010008 30010008 31010008 32010008 33010008 34010008 35010008 36010008 37010008 38010008 39010008 40010008 41010008 42010008 43010008 44010008 45010008 46010008 47010008 48010008 49010008 50010008 51010008 52010008 53010008 54010008 55010008 56010008 57010008 58010008 59010008 60010008 61010008 62010008 63010008 64010008 65010008 66010008 67010008 68010008 69010008 70010008 71010008 72010008 73010008 74010008 75010008 76010008 77010008 78010008 79010008 80010008 81010008 82010008 83010008 84010008 85010008 86010008 87010008 88010008 89010008 90010008 91010008 92010008 93010008 94010008 95010008 96010008 97010008 98010008 99010008 100010008	TBA	Y	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	16	John Tait's Column (OTC) associated with delivery of the program.	12/09/2009	13100009 14100009 15100009 16100009 17100009 18100009 19100009 20100009 21100009 22100009 23100009 24100009 25100009 26100009 27100009 28100009 29100009 30100009 31100009 32100009 33100009 34100009 35100009 36100009 37100009 38100009 39100009 40100009 41100009 42100009 43100009 44100009 45100009 46100009 47100009 48100009 49100009 50100009 51100009 52100009 53100009 54100009 55100009 56100009 57100009 58100009 59100009 60100009 61100009 62100009 63100009 64100009 65100009 66100009 67100009 68100009 69100009 70100009 71100009 72100009 73100009 74100009 75100009 76100009 77100009 78100009 79100009 80100009 81100009 82100009 83100009 84100009 85100009 86100009 87100009 88100009 89100009 90100009 91100009 92100009 93100009 94100009 95100009 96100009 97100009 98100009 99100009 100010008	Y	M	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122		Delay in receipt of CEC prior approval Sectors 1A, 1B, 1C2	31/07/2009	25010009 26000009 27000009 28000009 29000009 30000009 31000009 32000009 33000009 34000009 35000009 36000009 37000009 38000009 39000009 40000009 41000009 42000009 43000009 44000009 45000009 46000009 47000009 48000009 49000009 50000009 51000009 52000009 53000009 54000009 55000009 56000009 57000009 58000009 59000009 60000009 61000009 62000009 63000009 64000009 65000009 66000009 67000009 68000009 69000009 70000009 71000009 72000009 73000009 74000009 75000009 76000009 77000009 78000009 79000009 80000009 81000009 82000009 83000009 84000009 85000009 86000009 87000009 88000009 89000009 90000009 91000009 92000009 93000009 94000009 95000009 96000009 97000009 98000009 99000009 100010008	Y		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123		Joint Proc. Agreement and Design Completion.	16/09/2009	08010008 14010008 15010008 16010008 17010008 18010008 19010008 20010008 21010008 22010008 23010008 24010008 25010008 26010008 27010008 28010008 29010008 30010008 31010008 32010008 33010008 34010008 35010008 36010008 37010008 38010008 39010008 40010008 41010008 42010008 43010008 44010008 45010008 46010008 47010008 48010008 49010008 50010008 51010008 52010008 53010008 54010008 55010008 56010008 57010008 58010008 59010008 60010008 61010008 62010008 63010008 64010008 65010008 66010008 67010008 68010008 69010008 70010008 71010008 72010008 73010008 74010008 75010008 76010008 77010008 78010008 79010008 80010008 81010008 82010008 83010008 84010008 85010008 86010008 87010008 88010008 89010008 90010008 91010008 92010008 93010008 94010008 95010008 96010008 97010008 98010008 99010008 100010008			3	47,566	0	47,566	0	0	0	0	0	0	0	0	0	0	0
124		Requirement for Electrical Contractors License for Network Rail Related Works	10/10/2009	23000008 24000008 25000008 26000008 27000008 28000008 29000008 30000008 31000008 32000008 33000008 34000008 35000008 36000008 37000008 38000008 39000008 40000008 41000008 42000008 43000008 44000008 45000008 46000008 47000008 48000008 49000008 50000008 51000008 52000008 53000008 54000008 55000008 56000008 57000008 58000008 59000008 60000008 61000008 62000008 63000008 64000008 65000008 66000008 67000008 68000008 69000008 70000008 71000008 72000008 73000008 74000008 75000008 76000008 77000008 78000008 79000008 80000008 81000008 82000008 83000008 84000008 85000008 86000008 87000008 88000008 89000008 90000008 91000008 92000008 93000008 94000008 95000008 96000008 97000008 98000008 99000008 100010008			4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125		Approval of Ground Conditions at Hyatt West Valet	10/10/2009	13010008 14010008 15010008 16010008 17010008 18010008 19010008 20010008 21010008 22010008 23010008 24010008 25010008 26010008 27010008 28010008 29010008 30010008 31010008 32010008 33010008 34010008 35010008 36010008 37010008 38010008 39010008 40010008 41010008 42010008 43010008 44010008 45010008 46010008 47010008 48010008 49010008 50010008 51010008 52010008 53010008 54010008 55010008 56010008 57010008 58010008 59010008 60010008 61010008 62010008 63010008 64010008 65010008 66010008 67010008 68010008 69010008 70010008 71010008 72010008 73010008 74010008 75010008 76010008 77010008 78010008 79010008 80010008 81010008 82010008 83010008 84010008 85010008 86010008 87010008 88010008 89010008 90010008 91010008 92010008 93010008 94010008 95010008 96010008 97010008 98010008 99010008 100010008	N		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126		Revised design for cable power in Section 1B	02/10/2009	19000008 20000008 21000008 22000008 23000008 24000008 25000008 26000008 27000008 28000008 29000008 30000008 31000008 32000008 33000008 34000008 35000008 36000008 37000008 38000008 39000008 40000008 41000008 42000008 43000008 44000008 45000008 46000008 47000008 48000008 49000008 50000008 51000008 52000008 53000008 54000008 55000008 56000008 57000008 58000008 59000008 60000008 61000008 62000008 63000008 64000008 65000008 66000008 67000008 68000008 69000008 70000008 71000008 72000008 73000008 74000008 75000008 76000008 77000008 78000008 79000008 80000008 81000008 82000008 83000008 84000008 85000008 86000008 87000008 88000008 89000008 90000008 91000008 92000008 93000008 94000008 95000008 96000008 97000008 98000008 99000008 100010008			4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127		Site Preparation for Power Approvals: Clean Terminal to East of Leith.	03/10/2009	30000008 31000008 32000008 33000008 34000008 35000008 36000008 37000008 38000008 39000008 40000008 41000008 42000008 43000008 44000008 45000008 46000008 47000008 48000008 49000008 50000008 51000008 52000008 53000008 54000008 55000008 56000008 57000008 58000008 59000008 60000008 61000008 62000008 63000008 64000008 65000008 66000008 67000008 68000008 69000008 70000008 71000008 72000008 73000008 74000008 75000008 76000008 77000008 78000008 79000008 80000008 81000008 82000008 83000008 84000008 85000008 86000008 87000008 88000008 89000008 90000008 91000008 92000008 93000008 94000008 95000008 96000008 97000008 98000008 99000008 100010008			2	4,884	0	4,884	0	0	0	0	0	0	0	0	0	0	0
128		CEC request for change to roads design at Edinburgh Park Station Interchange	06/10/2009	20010009 21010009 22010009 23010009 24010009 25010009 26010009 27010009 28010009 29010009 30010009 31010009 32010009 33010009 34010009 35010009 36010009 37010009 38010009 39010009 40010009 41010009 42010009 43010009 44010009 45010009 46010009 47010009 48010009 49010009 50010009 51010009 52010009 53010009 54010009 55010009 56010009 57010009 58010009 59010009 60010009 61010009 62010009 63010009 64010009 65010009 66010009 67010009 68010009 69010009 70010009 71010009 72010009 73010009 74010009 75010009 76010009 77010009 78010009 79010009 80010009 81010009 82010009 83010009 84010009 85010009 86010009 87010009 88010009 89010009 90010009 91010009 92010009 93010009 94010009 95010009 96010009 97010009 98010009 99010009 100010008			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129		CEC request for revision of Time for Prior Approval 1013, 1016 and 1016	06/10/2009	25000009 26000009 27000009 28000009 29000009 30000009 31000009 32000009 33000009 34000009 35000009 36000009 37000009 38000009 39000009 40000009 41000009 42000009 43000009 44000009 45000009 46000009 47000009 48000009 49000009 50000009 51000009 52000009 53000009 54000009 55000009 56000009 57000009 58000009 59000009 60000009 61000009 62000009 63000009 64000009 65000009 66000009 67000009 68000009 69000009 70000009 71000009 72000009 73000009 74000009 75000009 76000009 77000009 78000009 79000009 80000009 81000009 82000009 83000009 84000009 85000009 86000009 87000009 88000009 89000009 90000009 91000009 92000009 93000009 94000009 95000009 96000009 97000009 98000009 99000009 100010008			4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130		Delay to issue of IFC Drawings for region Park and Road Train Stop	06/10/2009	20000008 21000008 22000008 23000008 24000008 25000008 26000008 27000008 28000008 29000008 30000008 31000008 32000008 33000008 34000008 35000008 36000008 37000008 38000008 39000008 40000008 41000008 42000008 43000008 44000008 45000008 46000008 47000008 48000008 49000008 50000008 51000008 52000008 53000008 54000008 55000008 56000008 57000008 58000008 59000008 60000008 61000008 62000008 63000008 64000008 65000008 66000008 67000008 68000008 69000008 70000008 71000008 72000008 73000008 74000008 75000008 76000008 77000008 78000008 79000008 80000008 81000008 82000008 83000008 84000008 85000008 86000008 87000008 88000008 89000008 90000008 91000008 92000008 93000008 94000008 95000008 96000008 97000008 98000008 99000008 100010008			4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131		Delay to Section 1B due to MUFCA not having completed its works	09/10/2009	25000008 26000008 27000008 28000008 29000008 30000008 31000008 32000008 33000008 34000008 35000008 36000008 37000008 38000008 39000008 40000008 41000008 42000008 43000008 44000008 45000008 46000008 47000008 48000008 49000008 50000008 51000008 52000008 53000008 54000008 55000008 56000008 57000008 58000008 59000008 60000008 61000008 62000008 63000008 64000008 65000008 66000008 67000008 68000008 69000008 70000008 71000008 72000008 73000008 74000008 75000008 76000008 77000008 78000008 79000008 80000008 81000008 82000008 83000008 84000008 85000008 86000008 87000008 88000008 89000008 90000008 91000008 92000008 93000008 94000008 95000008 96000008 97000008 98000008 99000008 100010008	Y		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0







Ref.		Is Change Order	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Compensation Event	Type	Change Type	Pricing Method	Priority	Costs						Allocation of Cost	Section	Final Agreed Cost						
													Value Estimate (GBP)			Allocation of Cost											
													£ Subtotal	£ Subtotal	£ Subtotal	£ Subtotal	£ Agreed	£ Not Agreed	Plum or VE	Number	Site Rates						
													Bilfinger	Siemens	Sub-Total	OH & P	Primes	Total									
158	16	TCO	Provisional Sum - Provide Crew Relief Facilities at Haymarket Station Viaduct Unsettled Provisional Sum	10/10/2008	15/10/08 23/09/08 27/10/08 29/10/08 29/10/08 29/10/08 14/11/08 19/11/08 21/11/08 12/12/08 18/12/08 18/12/08 07/01/09	06 INF CORR 221 25.1.201MRH689 06 INF CORR 298 25.1.201MRH773 25.1.201ALU783 25.1.201ALU784 25.1.201ALU785 06 INF CORR 388 25.1.201ALU792 25.1.201MRH993 06 INF CORR 504 06 INF CORR 537 25.1.201ALU1025 25.1.201MRH1247	Y		D				3	112,010	0	0	112,010	11,201	17,191	140,401	0	140,401	VPS	0	2A	0	
159	19		Provisional Sum - Relocation of Ancient Monuments	14/10/2008	15/10/08 16/10/08 20/10/08 20/10/08 20/10/08 20/10/08 20/10/08 20/10/08 20/10/08 20/10/08 23/09/08 23/10/08 27/10/08 29/10/08 29/10/08 09/11/08 09/11/08 10/11/08 12/11/08 14/11/08 17/11/08 20/11/08 21/11/08 26/11/08 01/12/08 09/12/08 12/12/08 13/12/08 17/12/08 18/12/08 18/12/08	25.1.201GCR61 06 INF CORR 222 25.1.201MRH692 06 INF CORR 227 25.1.201ALU708 25.1.201ALU710 25.1.201ALU711 25.1.201ALU712 25.1.201ALU713 25.1.201ALU714 25.1.201ALU715 06 INF CORR 298 06 INF CORR 255 25.1.201MRH773 25.1.201MRH774 06 INF CORR 293 25.1.201MRH638 06 INF CORR 346 25.1.201MRH688 SOS-ULE90130-01-LET-00866 06 INF CORR 388 25.1.201ALU950 06 INF CORR 415 25.1.201MRH693 06 INF CORR 421 25.1.201MRH1043 06 INF CORR 482 25.1.201ALU1155 06 INF CORR 507 06 INF CORR 538 06 INF CORR 537 25.1.201ALU1295	Y		M				3	0	197,876	0	197,876	10,407	14,643	-200,826	207,604	23,322	0	DPB	3	All	207,604
160			IFC Drawing changes - Edinburgh Park Bridge	16/10/2008	22/10/08 28/10/08 31/10/08 04/11/08 09/12/08 12/12/08 13/12/08 17/12/08 18/12/08 18/12/08	25.1.201GCR699 06 INF CORR 259 25.1.201MRH778 06 INF CORR 318 25.1.201MRH636 06 INF CORR 459 25.1.201MRH1142 25.1.201MRH1173	YBA		M				1	0	0	0	0	0	0	0	0	0	N/A	0	5B	0	
161			Traffic Management - Temporary Traffic Signals Bus Tracker, TPCS and Radio	19/10/2008	19/10/2008	06 INF CORR 219	Y		I				4	0	0	0	0	0	0	0	0	0	N/A	0	All	0	
162	20			19/10/2008	17/10/08 23/09/08 27/10/08 12/11/08 14/11/08 19/11/08 21/11/08 18/12/08 07/01/09	06 INF CORR 225 25.1.201MRH708 06 INF CORR 258 25.1.201MRH773 ETWBSCTIESABCW050102 06 INF CORR 388 06 INF CORR 396 25.1.201MRH993 06 INF CORR 537 25.1.201MRH1247	Y		I				4	0	0	1,410,000	1,410,000	0	0	1,410,000	0	1,410,000	N/A	0	All	0	
163	25		Haymarket Taxi Stance	24/09/2008	07/09/08 29/10/08 07/11/08 18/11/08 18/12/08 07/01/09	SOS-ULE90130-01-LET-00751 25.1.201MRH919 06 INF CORR 292 25.1.201MRH876 SOS-ULE90130-01-LET-00871 06 INF CORR 537 25.1.201MRH1247	Y		I				3	0	0	0	0	0	0	0	0	0	N/A	0	2A	0	
164			Delayed Listed Building Consent Applications	29/07/2008	01/09/08 01/10/08 22/08/08 17/11/08 29/11/08 16/12/08	SOS-ULE90130-01-LET-00747 25.1.201MRH940 SOS-ULE90130-01-LET-00749 25.1.201MRH965 06 INF CORR 108 06 INF CORR 388 25.1.201MRH1026 25.1.201MRH1181	Y		I				4	0	0	0	0	0	0	0	0	0	N/A	0	1	0	
165			Delayed issued of IFCs for Section 544	17/10/08	16/10/08 23/09/08 27/10/08 14/11/08 14/11/08 21/11/08 26/11/08 16/12/08	SOS-ULE90130-01-LET-00831 25.1.201MRH707 06 INF CORR 258 25.1.201MRH773 06 INF CORR 388 06 INF CORR 388 25.1.201MRH993 25.1.201MRH1027 25.1.201MRH1181	Y		I				4	0	0	0	0	0	0	0	0	0	N/A	0	1A4	0	
166	8		Demolition of existing garage and fuel tanks on Ocean Drive	20/10/2008	23/09/08 27/10/08 29/10/08 14/11/08 17/11/08 21/11/08 03/12/08 09/01/09	25.1.201MRH708 06 INF CORR 258 25.1.201MRH773 06 INF CORR 287 06 INF CORR 388 25.1.201MRH940 25.1.201MRH993 06 INF CORR 452 SOS-ULE90130-01-LET-00912	Y		I				0	14,500	0	14,500	1,450	1,073	17,023	17,023	0	N/A	0	1A	17,023		

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ETN INFRA CO NOTIFICATION of the CHANGE (INTC)																											
Ref	Ref	The Change Order	Description	Date Notified	Date of further letters	Letter Ref	Agreed in Principle?	Compensation Event	Type	Change Type	Pricing Method	Priority	Costs										Section	FMS3 Agreed Cost			
													Value Estimate (GBP)												Allocation of Cost		
												£ Submitted		£ Not Agreed		Plum or VE		Number		Site Notes							
												Sub-Total	On & P	Primes	Total	£ Agreed	£ Not Agreed	Plum or VE	Number	Site Notes	Site Notes						
												Bilfinger	Siemens														
177			Provisional Sums: Mandatory be Change Defined no.s 12 & 13 Undefined no.s 2, 7, 8 & 9 No instruction issued by be at trigger date	28/10/08	26/09/08 16/10/08	05.1.2010/CHB/546 06 INF CORR 244 05.1.2010/AMH/798 06 INF CORR 367 05.1.2010/AMH/973 06 INF CORR 528	Y		M			-4	0	0	0	0	0	0	0	0	0	0	0	DPS	Various	A1	0
178	24		Greenhouse Works to Murrayfield Stadium	16/10/2008	26/10/08 07/11/08 16/12/08 07/01/09	06 INF CORR 246 05.1.2010/AMH/776 05.1.2010/AMH/676 06 INF CORR 537 05.1.2010/AMH/1247	Y		L			-3	0	0	0	0	0	0	0	0	0	0	N/A		SA	0	
180			Reduced land available at Murrayfield as a result of Third Party Agreement with SRU.	30/10/08	28/10/08 27/10/08 05/11/08	05.1.2010/AMH/780 05.1.2010/AMH/802 SOS-ULE90130-SW-LET-01250 06 INF CORR 328	N					-4	0	0	0	0	0	0	0	0	0	0	N/A		SA	0	
181			CEC's requirement for a road closure at Roseburn Terrace requires that the entrance installs a new controlled junction at Roseburn Street/Westfield Road/West Approach Road	29/10/2008	06/11/08	05.1.2010/AMH/779 06 INF CORR 347							-4	0	0	0	0	0	0	0	0	0	0	N/A		SA	0
182			Edinburgh Airport Tram stop Hoop	29/10/2008	26/09/08 22/09/08 23/10/08	06 INF CORR 122 05.1.2010/AMH/676 SOS-ULE90130-SW-LET-01248	Y						-4	12,180	0	0	12,180	1,218	901	14,299	0	14,299	0	N/A		7A	0
183			Leith Walk - temporary white lining	03/11/2008	03/12/08	05.1.2010/OC/824 06 INF CORR 481	N						-4	0	0	0	0	0	0	0	0	0	0	N/A		1B	0
184			Discovery of void around existing B1 Ducts - Chainage 368 RHS	13/11/2008	20/11/08 01/12/08 12/12/08 12/12/08 18/12/08 18/12/08	05.1.2010/AMH/908 06 INF CORR 494 05.1.2010/AMH/1048 05.1.2010/OC/161 06 INF CORR 484 05.1.2010/AMH/1206 06 INF CORR 530	Y	Y					-2	0	0	0	0	0	0	0	0	0	0	VPS	2	1B	0
185			Discovery of Three Ducts and Gas Main - Chainage 374 RHS	13/12/2008	20/11/08 01/12/08 12/12/08 18/12/08 18/12/08	05.1.2010/AMH/908 06 INF CORR 494 05.1.2010/AMH/1050 06 INF CORR 485 05.1.2010/AM/1207 06 INF CORR 484	N	Y					-2	0	0	0	0	0	0	0	0	0	0	VPS	2	1B	0
186			CEC's requirement to amend the specification for temporary bus shelters on George Street.	03/11/2008	23/11/08 05/12/08	05.1.2010/OC/827 06 INF CORR 423 05.1.2010/OC/1094	TBA						-1	0	0	0	0	0	0	0	0	0	0	N/A		1C	0
187			Additional excavated material at Depot	03/11/2008	23/11/08 05/12/08 12/12/08	05.1.2010/OC/828 06 INF CORR 436 05.1.2010/OC/1092 06 INF CORR 491	TBA						-3	0	0	0	0	0	0	0	0	0	0	N/A		9C	0
187.1			Additional excavated material at Depot - investigate options to reuse additional material	03/11/2008	13/11/08 05/12/08 12/12/08	06 INF CORR 357 05.1.2010/OC/1091 06 INF CORR 491	Y						-3	0	0	0	0	0	0	0	0	0	0	N/A		9C	0
188			Contaminated Material at Cantic Road	04/11/2008	04/11/2008	05.1.2010/OC/829	TBA						-1	0	0	0	0	0	0	0	0	0	0	N/A		5B	0
189			Discovery of Low Voltage Cable in Road Formation	13/11/2008	20/11/08 01/12/08 18/12/08	05.1.2010/AMH/907 06 INF CORR 404 05.1.2010/AMH/1051 06 INF CORR 484	N	Y					-2	0	0	0	0	0	0	0	0	0	0	VPS	2	1B	0
190			Discovery of Gas Main - Chainage 353 RHS	13/11/2008	20/11/08 01/12/08 18/12/08	05.1.2010/AMH/908 06 INF CORR 404 05.1.2010/AMH/1052 06 INF CORR 484	N	Y					-2	0	0	0	0	0	0	0	0	0	0	VPS	2	1B	0
191			Discovery of concrete encased lighting cable - Chainage 333 RHS	13/11/2008	20/11/08 01/12/08 12/12/08 18/12/08	05.1.2010/AMH/909 06 INF CORR 404 05.1.2010/AMH/1053 06 INF CORR 485 05.1.2010/AM/1207	Y	Y					-2	0	0	0	0	0	0	0	0	0	0	VPS	2	1B	0
192			Discovery of Cable & Wireless ducts - Chainage 108	11/11/2008	27/11/08 01/12/08 12/12/08 18/12/08	05.1.2010/AMH/910 06 INF CORR 439 05.1.2010/AMH/1054 06 INF CORR 485 05.1.2010/AM/1207 05.1.2010/AM/1200	TBA	Y					-2	0	150	0	150	160	11	161	0	161	0	VPS	2	1B	0
193			Discovery of Hydrant in kerb line - Chainage 332 RHS	13/11/2008	20/11/08 01/12/08 12/12/08 18/12/08	05.1.2010/AMH/911 06 INF CORR 404 05.1.2010/AMH/1055 06 INF CORR 485 05.1.2010/AM/1207	N	Y					-2	0	0	0	0	0	0	0	0	0	0	VPS	2	1B	0
194			Discovery of Duct Crossings - Chainage 268 RHS	13/11/2008	20/11/08 01/12/08 18/12/08	05.1.2010/AMH/912 06 INF CORR 404 05.1.2010/AMH/1056 06 INF CORR 484	N	Y					-2	0	0	0	0	0	0	0	0	0	0	VPS	2	1B	0
195			Discovery of temporary pedestrian crossing lighting ducts and junction box above formation and fouling kerb line - Chainage 245-268 RHS	13/11/2008	20/11/08 01/12/08 12/12/08 18/12/08	05.1.2010/AMH/913 06 INF CORR 404 05.1.2010/AMH/1057 06 INF CORR 485 05.1.2010/AM/1207	Y	Y					-2	0	0	0	0	0	0	0	0	0	0	VPS	2	1B	0
196			Leith King Street works required by CEC outside the Limits of Deviation	06/11/08	30/10/08 07/11/08 27/11/08	SOS-ULE90130-01-LET-00652 05.1.2010/AMH/877 05/12/08/AMH/676 06 INF CORR 457	Y						-4	0	0	0	0	0	0	0	0	0	0	N/A		1C	0
197			Cycle path near Cycle tramstop Widening of shared cycleway/footway required by CEC outside the Limits of Deviation.	07/11/08	30/10/08 07/11/08 05/12/08	SOS-ULE90130-05-LET-00347 05.1.2010/AMH/878 05.1.2010/AMH/676 06 INF CORR 457	Y						-3	0	0	0	0	0	0	0	0	0	0	N/A		5	0
198	26		Signal Roundabout Lighting Full re-lighting required by CEC - a portion of the works is outside the Limits of Deviation.	10/11/08	30/01/08 07/11/08 26/11/08 03/11/08 17/12/08	05.1.2010/AMH/876 05.1.2010/AMH/676 06 INF CORR 429 05.1.2010/OC/1078 SOS-ULE90130-05-LET-00361	Y						-4	0	0	0	0	0	0	0	0	0	0	N/A		5	0
199			IFC Drawing Changes - 8 signal bridges 22 and 22a	06/11/2008	13/11/08 19/11/08	05.1.2010/OC/846 06 INF CORR 362 05.1.2010/AMH/967	TBA	Y	M				-3	0	0	0	0	0	0	0	0	0	0	N/A		5A	0

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## PROVISIONAL SUMS

**Table 1 – Defined Provisional Sums**

Item	Description of Provisional Sum	Trigger date	Provisional Duration	£	Amount Submitted	INTC Nos
1.00	Pumped surface water outfall at A8 underpass (by depot)	01-Jun-08	6 months	100,000	-	
2	Scottish Power connections to the Depot and Ingliston Park & Ride	not applicable	Depot 2 weeks (Feb 09) £750,000 IPR 2 weeks (Nov 09)	750,000	-	
3	Relocation of Ancient Monuments – this relates to those monuments noted on the route [SDS drawings ULE 90130-01-HRL 0003B, 6B, 7B, 10B, 12B, 13B, 14B, 15B & 24B refer] – it does not include cleaning and/or restoration	20 Business Day after BBS raise any queries in respect of issued information	Haymarket War Memorial 4 weeks (Mid Nov 08 – Mid Dec 08)	53,700	-	
4	Additional cost of Network Rail compliant ballast	20 Business Day after BBS provide spec.	26 months (Oct 08 – Nov 10)	300,000	-	
5	Extra over for revised alignment to Picardy Place, York Place and London Road junctions (see also next item)	01-Jan-09	23 months (March 09 – Jan 11)	3,340,324	-	
6	Extra over for major utility diversions Picardy Place, York Place and London Road junctions	01-Jan-09	23 months (March 09 – Jan 11)	3,000,000	-	
7	Extra over for shell grip at junctions	01-Aug-08	29 months (Aug 08 – Jan 11)	319,343	-	
8	Allowance for Scottish Power connections to new street lights and new traffic signals	not applicable	29 months (Aug 08 – Jan 11)	115,287	-	
9	Allowance for demolition of existing Leith Walk substation (if required) [SDS drawings ULE 90130-01-SUB-00023 rev 2, 00046 rev 1, 00047 rev 1 and 00051 rev 1 refer]	20 Business Day after BBS raise any queries in respect of issued information	3 months (Aug 08 – Jan 11)	55,662	-	
10	Urban Traffic Controls [UTC] associated with the delivery of the alignment	01-Aug-08	29 months (Aug 08 – Jan 11)	2,500,000	-	
11	Scottish Power connections to Phase 1a sub-stations (8nr x £50,000)	not applicable	21 months (Nov 08 – July 10)	400,000	-	
12	Various Forth Ports requirements including the revised alignment of track at Casino Square, relocated tramstop, junction amendments and removal of 'kink' in alignment from Constitution Street, footpath on south side of Tower Place Bridge and Victoria Dock Bridge	01-Oct-08	25 months (Jan 09 – Jan 11)	150,000	-	
13	Forth Ports requirements at Ocean Terminal amendments	01-Oct-08	3 months (Aug 09 – Oct 09)	350,000	-	
				<b>11,434,316</b>	-	

**Table 2 – Undefined Provisional Sums**

Item	Description of Provisional Sum	Trigger date	Provisional Duration	£	Amount Submitted	INTC Nos
1	Accommodation Works	not applicable	N/A	1,000,000	-	
2	Allowance for minor utility diversions	01-Oct-08	N/A	750,000	-	
3	PICOPS / COSS / Possession Protection Staff support when undertaking works adjacent or over the railway – see also 4b) below	not applicable	N/A	755,307	-	
4	Archaeological Officer – impact on productivity	not applicable	N/A	405,755	-	
5	Additional Crew Relief Facilities at Haymarket [SDS drawings ULE 90130-02-STP-000126 REV 1 and 000127 rev 1 refer]	20 Business Day after BBS raise any queries in respect of issued information	N/A	49,950	-	
6	Urban Traffic Controls [UTC] associated with the wider area impacts	01-Jan-10	N/A	2,500,000	-	
7	Forth Ports requirements for design and construction of by-pass road to adoptable standard	01-Oct-08	N/A	400,000	-	
8	Forth Ports requirements for Lindsay Road amendments	01-Oct-08	N/A	1,750,000	-	
9	Royal Bank of Scotland requirement for enhancement of Gogarburn Tramstop	01-Oct-08	N/A	400,000	-	
				<b>8,011,012</b>	-	

4.0 Basis

a) Relocation of Ancient Monuments applies to those on the route only. Any works in respect of ancient monuments in George Street are undefined.

b) Any costs in connection with PICOPS / COSS / Possession Protection Staff as Network Rail possession support when undertaking works adjacent or over the railway in respect of item 3 of Table 2 above shall relate solely to the possessions planned at signature of the Infraco Contract. This possession support will be adjusted in the event that Network Rail varies the requirement for PICOPS / COSS or otherwise amends the possession arrangement. However if the possession is amended or extended due to Infraco over-running then any additional possession support will not be recoverable.

NH/NH/310299/15/UKM/19240659.1.43

5.0 Requirement to co-operate

5.1 Infraco shall co-operate with tie in the provision of design and pricing information required to satisfy the requirements of the Forth Ports Agreement.

5.2 Infraco shall co-operate with tie in the provision of pricing information required to satisfy the requirements of the Royal Bank of Scotland Agreement in connection with Gogarburn Tramstop (outline design provided by others).

1.2 Table 1 notes the Defined Provisional Sums for which Infraco has deemed to have made a provisional allowance for programming and planning. Preliminaries for Defined Provisional Sums has not been priced by Infraco and the appropriate Preliminaries required to carry out the Defined Provisional Sums will be valued in accordance with the spreadsheet contained in Appendix F herein.

1.3 Table 2 notes the Undefined Provisional Sums for which Infraco has not deemed to have made allowance for programming, planning and pricing Preliminaries.

**VALUE ENGINEERING**

The following table summarizes the agreed identified VE opportunities / savings which are final and non-negotiable, save for the Key Decisions noted.

Item	Description of Identified VE Saving	£	Notes	Key Qualifications	Reserve To Cost (Y/N)	Have to Construct (Y/N)	Date	Instructed		Further Correspondence			RfC Nos	STATUS
								Ref	Ref	Date	Ref	Change Costs		
1	Remove street parking stations / reduce capacity of existing parking system	193,324	It may need to be confirmed that the VE opportunity to remove street parking stations and cost of additional parking spaces is not a net cost.	Subject to the issuing an instruction to implement the VE opportunity to remove street parking stations and cost of additional parking spaces.	N	Y	27/06/08 28/06/08 29/06/08	SA-HOU/CHG/34	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
2	Build part of depot on roof with provision to support the existing overhead cat for overhead power lines	200,000	Final supply of 100 ton parking structure agreed.	Subject to the issuing an instruction to implement the VE opportunity.	N	Y	27/06/08 28/07/08 29/07/08 19/06/08	SA-HOU/CHG/34	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
3	Remove rail vehicle accommodation system at depot and provide alternative accommodation system at train vehicle station	27,240	Accommodation system at depot is to be removed and alternative accommodation system at train vehicle station.	Subject to the issuing an instruction to implement the VE opportunity.	N	Y	26/06/08	SA-PRO/CORR/51	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
4	Alternative scope requirement for Track Maintenance Equipment at Depot and consider fitting at other depot	27,500	Track Maintenance Equipment at Depot and consider fitting at other depot.	Subject to the issuing an instruction to implement the VE opportunity.	N	Y	26/06/08	SA-PRO/CORR/51	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
5	Reduction of one pavement (ramp) to Depot	30,000	Shown on site plan drawings.	Subject to the issuing an instruction to implement the VE opportunity.	N	Y	20/06/08	SA-PRO/CORR/34	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
6	Reduce requirements for concrete to security fence at Depot	14,000	Concrete requirements for concrete to security fence at Depot.	Subject to the issuing an instruction to implement the VE opportunity.	N	Y	27/06/08 28/07/08 29/07/08 19/06/08	SA-PRO/CORR/34	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
7	Consideration of alternative materials for roof structure including hollow core slabs, concrete, steel, brickwork, etc. to reduce weight and improve structural performance. Consider alternative materials for roof structure including hollow core slabs, concrete, steel, brickwork, etc. to reduce weight and improve structural performance.	2,200,000	Roof structure to be considered in conjunction with current structure. Consider alternative materials for roof structure including hollow core slabs, concrete, steel, brickwork, etc. to reduce weight and improve structural performance.	Subject to the issuing an instruction to implement the VE opportunity.	N	Y	27/06/08 28/07/08 29/07/08 19/06/08	SA-PRO/CORR/41	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
8	Remove existing generator and power connection for portable generator	150,000	Remove existing generator and power connection for portable generator.	Subject to the issuing an instruction to implement the VE opportunity.	N	Y	20/07/08 20/07/08	SA-PRO/CORR/34	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
9	Reclaim recovery and 2 options - recoverable sludge & Type 1R	500,000	Reclaim recovery and 2 options - recoverable sludge & Type 1R.	Level of savings subject to the issue of a design based on the final design.	N	N	14/07/08 15/07/08 16/07/08 17/07/08 18/07/08 19/07/08 20/07/08 21/07/08 22/07/08 23/07/08 24/07/08 25/07/08 26/07/08 27/07/08 28/07/08 29/07/08 30/07/08 31/07/08	SA-PRO/CORR/018	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
10	Reduce work and associated reinstatement of pavement	100,000	Reduce work and associated reinstatement of pavement.	Level of savings is subject to the issue of a design based on the final design.	N	N	15/07/08 16/07/08	SA-PRO/CORR/04	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
11	Reduce drainage via form gateway	10,000	Reduce drainage via form gateway.	Level of savings is subject to the issue of a design based on the final design.	N	N	15/07/08 16/07/08	SA-PRO/CORR/018	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
12	Eliminate Park Visited various savings including use of concrete for ramp works, paint of concrete beams	1,470,000	Eliminate Park Visited various savings including use of concrete for ramp works, paint of concrete beams.	Subject to approval of NER /REC and subject to design to cost.	Y	N	27/06/08 28/07/08 29/07/08 30/07/08 31/07/08 18/06/08 19/06/08 20/06/08 21/06/08 22/06/08 23/06/08 24/06/08 25/06/08 26/06/08 27/06/08 28/06/08 29/06/08 30/06/08 31/06/08	SA-PRO/CORR/41	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	
13	Alternative Bridge proposal - change from 10 / 10 to 12 / 12. Various cost of parking, works, cost of parking design (cost)	80,000	Alternative Bridge proposal - change from 10 / 10 to 12 / 12. Various cost of parking, works, cost of parking design (cost).	Subject to approval of design by Network Rail.	N	N	18/07/08 19/07/08 20/07/08 21/07/08 22/07/08 23/07/08 24/07/08 25/07/08 26/07/08 27/07/08 28/07/08 29/07/08 30/07/08 31/07/08	SA-PRO/CORR/013	19/7/08	19/7/08	19/7/08	19/7/08	RfC drops issued in VE opportunity / Date: 19/7/08 Drawings No:	





**Bilfinger Berger – Siemens – CAF Consortium**

## **10.8 Organisation Charts**



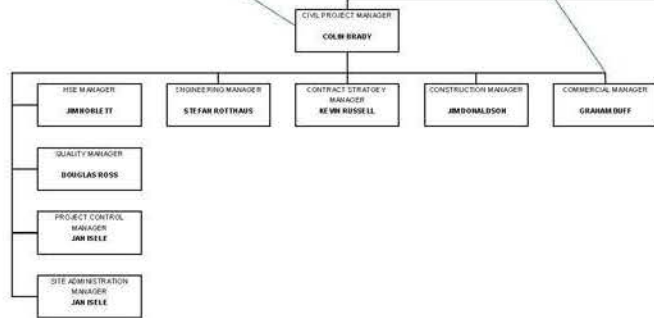
BB HEAD OFFICE SUPPORT  
FINANCIAL/INSURANCE  
PERSONNEL  
OR  
LEGAL

Bilfinger Berger UK  
Managing Director: Richard Walker  
Commercial Director: Guy Dalton

CONSORTIUM BOARD  
BILFINGER BERGER  
RICHARD WALKER, DIRK WEPFERMANN, GARY DALTON, RALF AUMANN  
SIEMENS  
JOSEF FREYTH, MICHAEL FLYNN, DAVID MOTT RAM, EWALD ORVISEK  
CONSTRUCCIONES Y ADJUAN DE FERROCARRILES S.A.  
ANTONIO CAMPOS

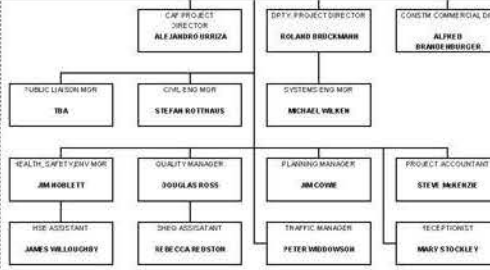
SIEMENS  
HEAD OFFICE SUPPORT  
FINANCIAL/INSURANCE  
PERSONNEL  
OR  
LEGAL

BILFINGER BERGER CIVIL-BUILDING WORKS TEAM

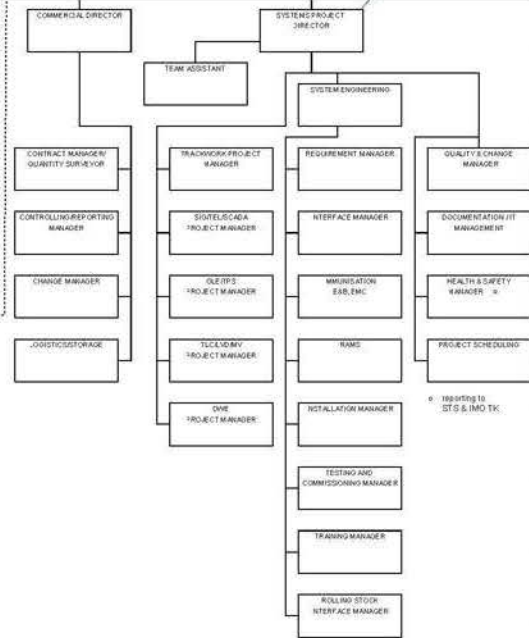


REFER TO CIVIL WORKS TEAM ORGANISATION DIAGRAM

CONSORTIUM MANAGEMENT TEAM



SIEMENS SYSTEMS TEAM  
REFER TO SIEMENS ORG-CHART DIAGRAM



CAF TEAM

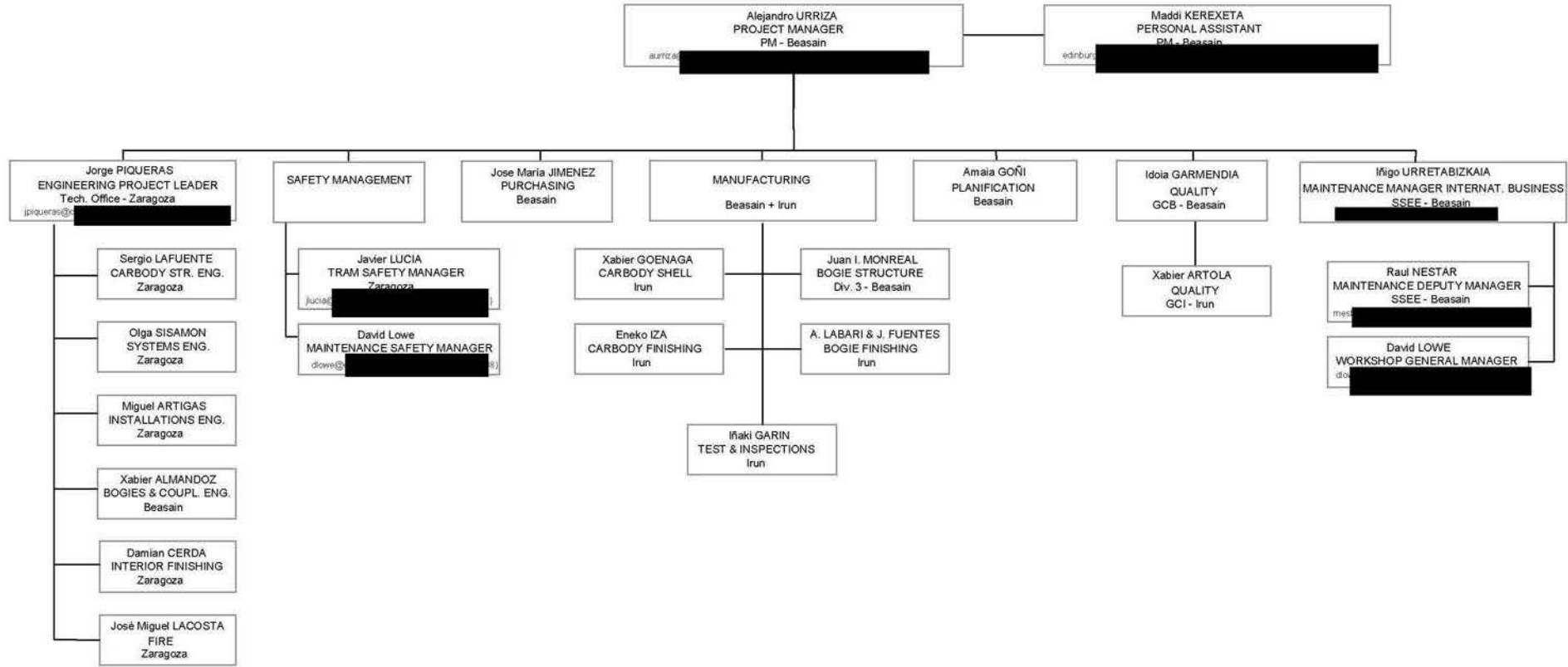


EDINBURGH TRAM NETWORK  
INFRACO ORGANISATION CHART

REV 13 : 01/01/09



# Construcciones y Auxiliar de Ferrocarriles, S.A.

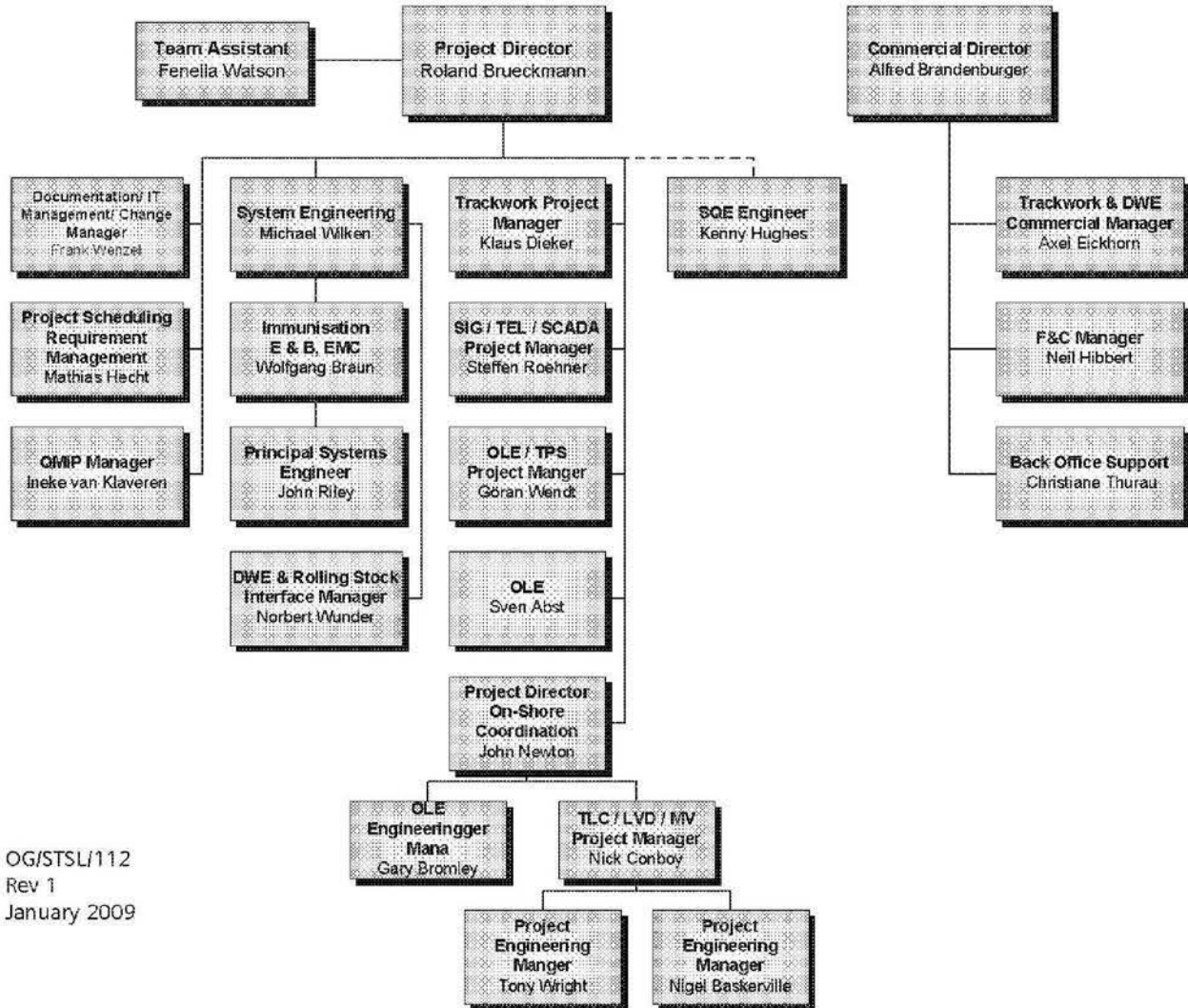


**EDINBURGH TRAM NETWORK – ETN**

**CAF Organizational Chart - V1.0**

2008/09/23

# Edinburgh Tram Network Project



OG/STSL/112  
Rev 1  
January 2009



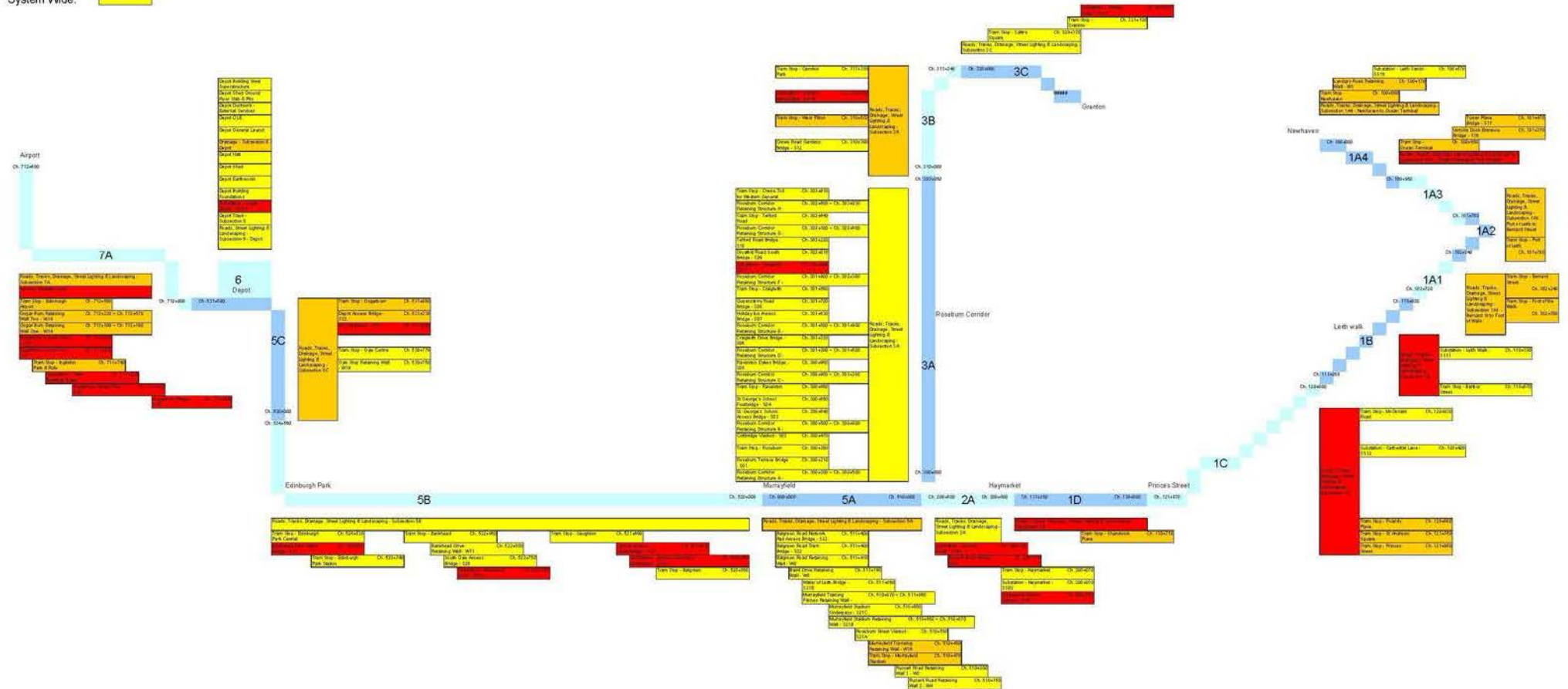
**Bilfinger Berger – Siemens – CAF Consortium**

## **10.9 Production of Design**

# Design Package Tracker

19/01/2009

System Wide: Budget Migration Plan



0	Not issued yet
1	Issued for External Approval
2	Issued for External Approval - GA rejected
3	Issued for Construction
4	Issued for Construction - GA rejected
5	Partially Agreed for Construction
6	Fully Agreed for Construction
7	As-Built info issued to SDCS
8	As-Built Design completed

**Statistic:**

10 nos.	'Not issued yet'
29 nos.	'Issued for External Approval'
0 nos.	'Issued for External Approval - GA rejected'
70 nos.	'Issued for Construction'
0 nos.	'Issued for Construction - GA rejected'
12 nos.	'Partially Agreed for Construction'
0 nos.	'Fully Agreed for Construction'
0 nos.	'As-Built info issued to SDCS'
0 nos.	'As-Built Design completed'
121 nos.	Total

CEC01103816\_0188



7352	Tram Stop - Ravelston	A26190	Tram Stop	3A	BB 2	PB	300+860		30/07/2008	30/07/2008	19/09/2008	
7353	Tram Stop - Craigleith	A26220	Tram Stop	3A	BB 2	PB	301+860		07/09/2008	07/07/2008	05/09/2008	
7354	Tram Stop - Telford Road	A26250	Tram Stop	3A	BB 2	PB	302+640		07/07/2008	07/07/2008	05/09/2008	
7355	Tram Stop - Crewe Tail for Western General Hospital	A26280	Tram Stop	3A	BB 2	PB	303+010		04/07/2008	07/07/2008	05/09/2008	
7361	Tram Stop - West Pilton	A26310	Tram Stop	3B	BB 2	PB	310+670	03/10/2008	15/09/2008			
7362	Tram Stop - Caroline Park	A26360	Tram Stop	3B	BB 2	PB	311+310		18/06/2008	22/07/2008	19/09/2008	
7371	Tram Stop - Saftie Square	A26440	Tram Stop	3C	BB 2	PB	320+370		16/07/2008	17/07/2008	23/09/2008	
7372	Tram Stop - Granton	A26520	Tram Stop	3C	BB 2	PB	321+120		04/07/2008	04/07/2008	05/09/2008	
7551	Tram Stop - Murrayfield Stadium	A26680	Tram Stop	5A	Graham	PB	510+470	03/10/2008	27/06/2008			
7561	Tram Stop - Balgreen	A26760	Tram Stop	5B	BB 1	PB	520+050		24/07/2008	24/07/2008	19/09/2008	
7562	Tram Stop - Saughton	A26840	Tram Stop	5B	BB 1	PB	521+690		13/06/2008	13/06/2008	05/09/2008	
7563	Tram Stop - Braidhead	A26920	Tram Stop	5B	BB 1	PB	522+960		11/07/2008	10/07/2008	01/10/2008	
7564	Tram Stop - Edinburgh Park Station	A27000	Tram Stop	5B	BB 1	PB	523+740		11/07/2008	10/07/2008	19/09/2008	
7565	Tram Stop - Edinburgh Park Central	A27080	Tram Stop	5B	BB 1	PB	524+530		11/07/2008	11/07/2008	19/09/2008	
7571	Tram Stop - Gyle Centre	A27160	Tram Stop	5C	BB 1	PB	530+770		11/09/2008		10/09/2008	
7572	Tram Stop - Gogarburn	A27320	Tram Stop	5C	Farrans	PB	531+660	03/10/2008	11/09/2008			
7611	Depot OLE	VO2140	Overhead Line Equipment	6	Bar	PB	531+020		01/07/2008	29/07/2008	28/09/2008	
7651	Depot H-att	A27240	Tram Stop	6	Bar	PB	531+020		11/09/2008		17/09/2008	
7751	Tram Stop - Ingliston Park & Ride	A27710	Tram Stop	7A	Farrans	PB	711+740	03/10/2008	26/09/2008			
7752	Tram Stop - Edinburgh Airport	A27800	Tram Stop	7A	Farrans	PB	712+660	03/10/2008	09/09/2008			
8111	Substation - Leth Sands - SS16	???	SS16	Substation	1A	BB4	PB	100+570		08/09/2008	02/09/2008	05/09/2008
8121	Substation - Leth Walk - SS11	A548180	SS11	Substation	1B	Crummock	PB	110+380		19/07/2008		05/09/2008
8131	Substation - Cathedral Lane - SS12	A549290	SS12	Substation	1C	Crummock	PB	120+400		23/04/2008	23/04/2008	05/09/2008
8211	Substation - Haymarket - SS02	A549450	SS02	Substation	2A	Graham	PB	200+070		01/09/2008	02/07/2008	05/09/2008
8212	Substation - Russell Road - SS03	???	SS03	Substation	2A	Graham	PB	200+790		17/07/2008		
8311	Substation - Craigleith - SS13	???	SS13	Substation	3A	BB 2	PB	301+860				
8321	Substation - Granton Mains East - SS14	???	SS14	Substation	3B	BB 2	PB	310+850				
8331	Substation - Granton Road - SS15	???	SS15	Substation	3C	BB 2	PB	400+030				
8521	Substation - Jenners Depository (Balgreen) - SS21	???	SS21	Substation	5B	BB 1	PB	520+060				
8522	Substation - Braidhead Drive - SS22	???	SS22	Substation	5B	BB 1	PB	522+960				
8611	Substation - Gogar Depot - SS01	???	SS01	Substation	6	Bar	PB	531+020				
8651	Depot Building Foundations	SO586990	Building	6	Bar	PB	531+020		25/04/2008	25/04/2008	05/09/2008	
8652	Depot Ductwork - External Services	A45810	Building	6	Bar	PB	531+020		17/06/2008	17/06/2008	05/09/2008	
8653	Depot General Layout	SO586980	Building	6	Bar	PB	531+020		12/05/2008	12/05/2008	05/09/2008	
8654	Depot Shed	SO586220	Building	6	Bar	PB	531+020		07/07/2008	07/07/2008	05/09/2008	
8655	Depot Shed Ground Floor Slab & Pits	SO587020	Building	6	Bar	PB	531+020		25/04/2008	25/04/2008	05/09/2008	
8656	Depot Building Steel Superstructure	SO586090	Building	6	Bar	PB	531+020		24/05/2008	24/07/2008	19/09/2008	
8711	Substation - Tram Eastfield Road	???	SS23	Substation	7A	Farrans	PB	711+630				



**Statistic**

No.	Status Description					
		SW	1A	1B	1C	1D
0	Not issued yet	0	1	0	0	0
1	Issued for External Approval	0	11	0	3	1
2	Issued for External Approval - QA rejected	0	0	0	0	0
3	Issued for Construction	1	1	2	2	0
4	Issued for Construction - QA rejected	0	0	0	0	0
5	Partially Agreed for Construction	0	0	1	1	1
6	Fully Agreed for Construction	0	0	0	0	0
7	As-Built Info Issued to SDS	0	0	0	0	0
8	As-Built Design completed	0	0	0	0	0
Total		1	13	3	6	2

Design Packages [nos.]									
Section									1
2A	3A	3B	3C	5A	5B	5C	6	7A	[nc
1	1	1	1	0	2	0	1	2	7
0	0	2	0	3	0	3	1	5	2
0	0	0	0	0	0	0	0	0	0
3	24	2	3	11	8	2	11	0	4
0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	2	1	0	4	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
6	25	5	4	14	12	6	13	11	0

a	Phase	Total
	1b	
[nos.]	[nos.]	[nos.]
7	3	10
7	2	29
)	0	0
1	29	70
)	0	0
2	0	12
)	0	0
)	0	0
)	0	0
)	0	0
)	34	121

## Contract Sections

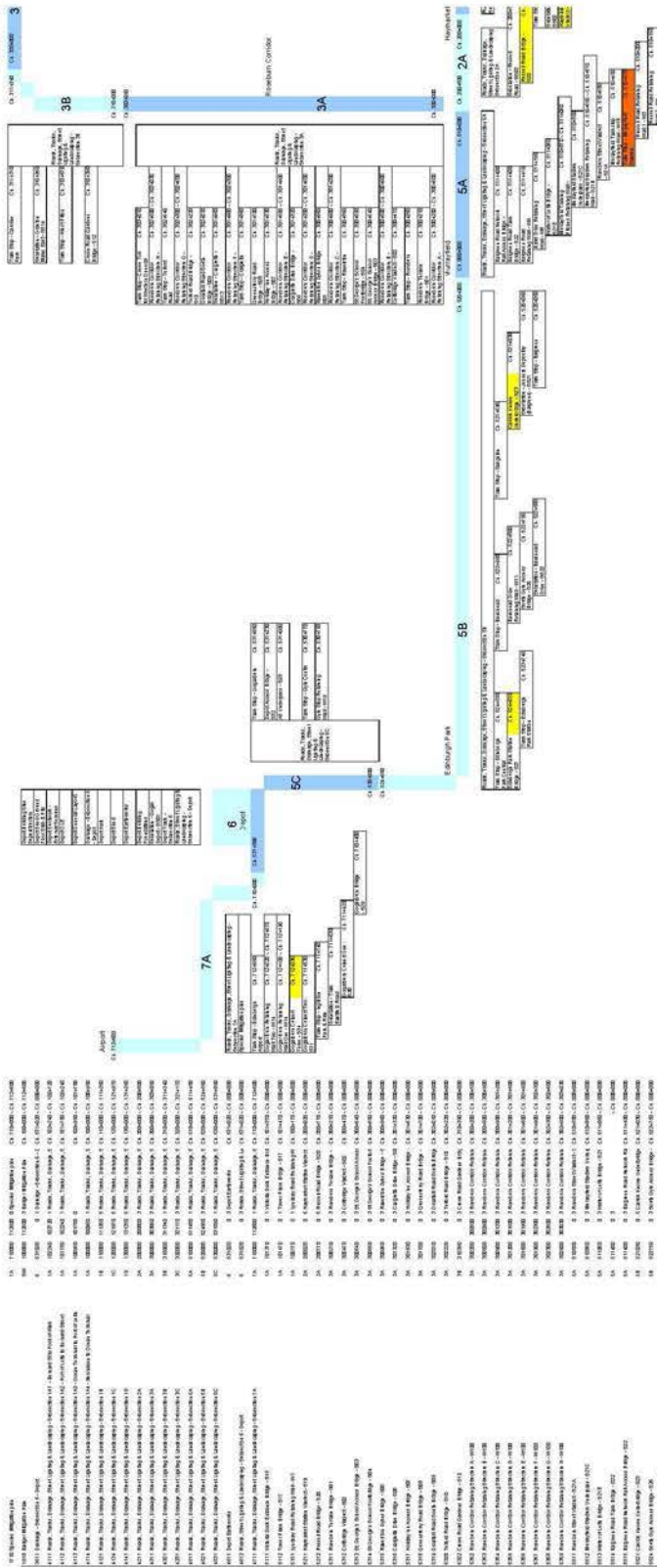
Section	Contractor	Chainage		Length (m)
		from	to	
1A	BB4	100+000	102+720	2720
1B	Crummock	110+000	111+260	1260
1C	Crummock	120+000	120+910	910
1C	MacKenzie	120+910	121+970	1060
1D	MacKenzie	130+000	131+250	1250
2A	Graham	200+000	200+800	800
3A	BB 2	300+000	303+050	3050
3B	BB 2	310+000	311+340	1340
3C	BB 2	320+000	321+170	1170
5A	Graham	510+000	511+375	1375
5A	BB 1	511+375	511+480	105
5B	BB 1	520+000	524+560	4560
5C	BB 1	530+000	531+290	1290
5C	Farrans	531+290	531+890	600
6	Barr	531+020		
7A	Farrans	710+000	712+600	2600
	Total			24090

4612	Roads, Street Lighting & Landscaping - Subsection 6 - Depot	6	531+020	~ 000+000	3
4711	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 7A	7A	710+000	~ 712+600	1
5111	Victoria Dock Entrance Bridge - S16	1A	101+370	~ 000+000	1
5112	Tower Place Bridge - S17	1A	101+470	~ 000+000	1
5151	Lyndsay Road Retaining Wall - W1	1A	100+170	~ 000+000	1
5211	Haymarket Station Viaduct - S19	2A	200+020	~ 000+000	5
5212	Russell Road Bridge - S20	2A	200+770	~ 000+000	5
5311	Roseburn Terrace Bridge - S01	3A	300+210	~ 000+000	3
5312	Coltbridge Viaduct - S02	3A	300+470	~ 000+000	3
5313	St. George's School Access Bridge - S03	3A	300+640	~ 000+000	3
5314	St George's School Footbridge - S04	3A	300+650	~ 000+000	3
5315	Ravelston Dykes Bridge - S05	3A	300+960	~ 000+000	3
5316	Craighleith Drive Bridge - S06	3A	301+320	~ 000+000	3
5317	Holiday Inn Access Bridge - S07	3A	301+630	~ 000+000	3
5318	Queensferry Road Bridge - S08	3A	301+700	~ 000+000	3
5319	Groathill Road South Bridge - S09	3A	302+010	~ 000+000	3
5320	Telford Road Bridge - S10	3A	302+220	~ 000+000	3
5322	Crewe Road Gardens Bridge - S12	3B	310+390	~ 000+000	3
5352	Roseburn Corridor Retaining Structure A - W100	3A	300+200	~ 300+500	3
5353	Roseburn Corridor Retaining Structure B - W100	3A	300+500	~ 300+900	3
5354	Roseburn Corridor Retaining Structure C - W100	3A	300+900	~ 301+200	3
5355	Roseburn Corridor Retaining Structure D - W100	3A	301+200	~ 301+600	3
5356	Roseburn Corridor Retaining Structure E - W100	3A	301+600	~ 301+900	3
5357	Roseburn Corridor Retaining Structure F - W100	3A	301+900	~ 302+300	3
5358	Roseburn Corridor Retaining Structure G - W100	3A	302+300	~ 302+600	3
5359	Roseburn Corridor Retaining Structure H - W100	3A	302+600	~ 303+030	3
5511	Roseburn Street Viaduct - S21A	5A	510+580	~ 000+000	3
5512	Murrayfield Stadium Underpass - S21C	5A	510+860	~ 000+000	3
5513	Water of Leith Bridge - S21E	5A	511+060	~ 000+000	3
5514	Balgreen Road Tram Bridge - S22	5A	511+400	~ 000+000	3
5515	Balgreen Road Network Rail Access Bridge - S22	5A	511+400	~ 000+000	3
5521	Carrick Knowe Underbridge - S23	5B	521+030	~ 000+000	5
5524	South Gyle Access Bridge - S26	5B	522+750	~ 000+000	3
5525	Edinburgh Park Station Bridge - S27	5B	524+010	~ 000+000	5
5531	A8 Underpass - S28	5C	531+000	~ 000+000	5
5532	Depot Access Bridge - S32	5C	531+230	~ 000+000	1
5551	Russell Road Retaining Wall 1 - W3	5A	510+200	~ 000+000	3
5552	Russell Road Retaining Wall 2 - W4	5A	510+150	~ 000+000	3
5553	Baird Drive Retaining Wall - W8	5A	511+190	~ 000+000	3
5554	Balgreen Road Retaining Wall - W9	5A	511+410	~ 000+000	3
5555	Murrayfield Stadium Retaining Wall - S21B	5A	510+650	~ 510+870	3
5556	Murrayfield Tramstop Retaining Wall - W18	5A	510+450	~ 000+000	1
5557	Murrayfield Training Pitches Retaining Wall - S21D	5A	510+870	~ 511+060	3

7251	Tram Stop - Haymarket	2A	200+070	~ 000+000	3
7351	Tram Stop - Roseburn	3A	300+260	~ 000+000	3
7352	Tram Stop - Ravelston	3A	300+860	~ 000+000	3
7353	Tram Stop - Craigleith	3A	301+860	~ 000+000	3
7354	Tram Stop - Telford Road	3A	302+640	~ 000+000	3
7355	Tram Stop - Crewe Toll for Western General Hospital	3A	303+010	~ 000+000	3
7361	Tram Stop - West Pilton	3B	310+670	~ 000+000	1
7362	Tram Stop - Caroline Park	3B	311+310	~ 000+000	3
7371	Tram Stop - Saltire Square	3C	320+370	~ 000+000	3
7372	Tram Stop - Granton	3C	321+120	~ 000+000	3
7551	Tram Stop - Murrayfield Stadium	5A	510+470	~ 000+000	1
7561	Tram Stop - Balgreen	5B	520+050	~ 000+000	3
7562	Tram Stop - Saughton	5B	521+690	~ 000+000	3
7563	Tram Stop - Bankhead	5B	522+960	~ 000+000	3
7564	Tram Stop - Edinburgh Park Station	5B	523+740	~ 000+000	3
7565	Tram Stop - Edinburgh Park Central	5B	524+530	~ 000+000	3
7571	Tram Stop - Gyle Centre	5C	530+770	~ 000+000	3
7572	Tram Stop - Gogarburn	5C	531+860	~ 000+000	1
7611	Depot OLE	6	531+020	~ 000+000	3
7651	Depot Halt	6	531+020	~ 000+000	3
7751	Tram Stop - Ingliston Park & Ride	7A	711+740	~ 000+000	1
7752	Tram Stop - Edinburgh Airport	7A	712+560	~ 000+000	1
8111	Substation - Leith Sands - SS16	1A	100+570	~ 000+000	3
8121	Substation - Leith Walk - SS11	1B	110+380	~ 000+000	3
8131	Substation - Cathedral Lane - SS12	1C	120+400	~ 000+000	3
8211	Substation - Haymarket - SS02	2A	200+070	~ 000+000	3
8212	Substation - Russell Road - SS03	2A	200+790	~ 000+000	0
8311	Substation - Craigleith - SS13	3A	301+960	~ 000+000	0
8321	Substation - Granton Mains East - SS14	3B	310+950	~ 000+000	0
8331	Substation - Granton Road - SS15	3C	400+020	~ 000+000	0
8521	Substation - Jenners Depository (Balgreen) - SS21	5B	520+060	~ 000+000	0
8522	Substation - Bankhead Drive - SS22	5B	522+580	~ 000+000	0
8611	Substation - Gogar Depot - SS01	6	531+020	~ 000+000	0
8651	Depot Building Foundations	6	531+020	~ 000+000	3
8652	Depot Ductwork -External Services	6	531+020	~ 000+000	3
8653	Depot General Layout	6	531+020	~ 000+000	3
8654	Depot Shed	6	531+020	~ 000+000	3
8655	Depot Shed Ground Floor Slab & Pits	6	531+020	~ 000+000	3
8656	Depot Building Steel Superstructure	6	531+020	~ 000+000	3
8711	Substation - Tram Eastfield Road	7A	711+630	~ 000+000	0

# Design Package Tracker

System Wide: **POP REQUEST 1A**



ID	NAME	STATUS	DATE	DESCRIPTION
1	POP REQUEST 1A	Open	1/1/2024	POP REQUEST 1A
2	POP REQUEST 1B	Open	1/1/2024	POP REQUEST 1B
3	POP REQUEST 1C	Open	1/1/2024	POP REQUEST 1C
4	POP REQUEST 1D	Open	1/1/2024	POP REQUEST 1D
5	POP REQUEST 1E	Open	1/1/2024	POP REQUEST 1E
6	POP REQUEST 1F	Open	1/1/2024	POP REQUEST 1F
7	POP REQUEST 1G	Open	1/1/2024	POP REQUEST 1G
8	POP REQUEST 1H	Open	1/1/2024	POP REQUEST 1H
9	POP REQUEST 1I	Open	1/1/2024	POP REQUEST 1I
10	POP REQUEST 1J	Open	1/1/2024	POP REQUEST 1J
11	POP REQUEST 1K	Open	1/1/2024	POP REQUEST 1K
12	POP REQUEST 1L	Open	1/1/2024	POP REQUEST 1L
13	POP REQUEST 1M	Open	1/1/2024	POP REQUEST 1M
14	POP REQUEST 1N	Open	1/1/2024	POP REQUEST 1N
15	POP REQUEST 1O	Open	1/1/2024	POP REQUEST 1O
16	POP REQUEST 1P	Open	1/1/2024	POP REQUEST 1P
17	POP REQUEST 1Q	Open	1/1/2024	POP REQUEST 1Q
18	POP REQUEST 1R	Open	1/1/2024	POP REQUEST 1R
19	POP REQUEST 1S	Open	1/1/2024	POP REQUEST 1S
20	POP REQUEST 1T	Open	1/1/2024	POP REQUEST 1T
21	POP REQUEST 1U	Open	1/1/2024	POP REQUEST 1U
22	POP REQUEST 1V	Open	1/1/2024	POP REQUEST 1V
23	POP REQUEST 1W	Open	1/1/2024	POP REQUEST 1W
24	POP REQUEST 1X	Open	1/1/2024	POP REQUEST 1X
25	POP REQUEST 1Y	Open	1/1/2024	POP REQUEST 1Y
26	POP REQUEST 1Z	Open	1/1/2024	POP REQUEST 1Z
27	POP REQUEST 1AA	Open	1/1/2024	POP REQUEST 1AA
28	POP REQUEST 1AB	Open	1/1/2024	POP REQUEST 1AB
29	POP REQUEST 1AC	Open	1/1/2024	POP REQUEST 1AC
30	POP REQUEST 1AD	Open	1/1/2024	POP REQUEST 1AD
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34	POP REQUEST 1AH	Open	1/1/2024	POP REQUEST 1AH
35	POP REQUEST 1AI	Open	1/1/2024	POP REQUEST 1AI
36	POP REQUEST 1AJ	Open	1/1/2024	POP REQUEST 1AJ
37	POP REQUEST 1AK	Open	1/1/2024	POP REQUEST 1AK
38	POP REQUEST 1AL	Open	1/1/2024	POP REQUEST 1AL
39	POP REQUEST 1AM	Open	1/1/2024	POP REQUEST 1AM
40	POP REQUEST 1AN	Open	1/1/2024	POP REQUEST 1AN
41	POP REQUEST 1AO	Open	1/1/2024	POP REQUEST 1AO
42	POP REQUEST 1AP	Open	1/1/2024	POP REQUEST 1AP
43	POP REQUEST 1AQ	Open	1/1/2024	POP REQUEST 1AQ
44	POP REQUEST 1AR	Open	1/1/2024	POP REQUEST 1AR
45	POP REQUEST 1AS	Open	1/1/2024	POP REQUEST 1AS
46	POP REQUEST 1AT	Open	1/1/2024	POP REQUEST 1AT
47	POP REQUEST 1AU	Open	1/1/2024	POP REQUEST 1AU
48	POP REQUEST 1AV	Open	1/1/2024	POP REQUEST 1AV
49	POP REQUEST 1AW	Open	1/1/2024	POP REQUEST 1AW
50	POP REQUEST 1AX	Open	1/1/2024	POP REQUEST 1AX
51	POP REQUEST 1AY	Open	1/1/2024	POP REQUEST 1AY
52	POP REQUEST 1AZ	Open	1/1/2024	POP REQUEST 1AZ
53	POP REQUEST 1BA	Open	1/1/2024	POP REQUEST 1BA
54	POP REQUEST 1BB	Open	1/1/2024	POP REQUEST 1BB
55	POP REQUEST 1BC	Open	1/1/2024	POP REQUEST 1BC
56	POP REQUEST 1BD	Open	1/1/2024	POP REQUEST 1BD
57	POP REQUEST 1BE	Open	1/1/2024	POP REQUEST 1BE
58	POP REQUEST 1BF	Open	1/1/2024	POP REQUEST 1BF
59	POP REQUEST 1BG	Open	1/1/2024	POP REQUEST 1BG
60	POP REQUEST 1BH	Open	1/1/2024	POP REQUEST 1BH
61	POP REQUEST 1BI	Open	1/1/2024	POP REQUEST 1BI
62	POP REQUEST 1BJ	Open	1/1/2024	POP REQUEST 1BJ
63	POP REQUEST 1BK	Open	1/1/2024	POP REQUEST 1BK
64	POP REQUEST 1BL	Open	1/1/2024	POP REQUEST 1BL
65	POP REQUEST 1BM	Open	1/1/2024	POP REQUEST 1BM
66	POP REQUEST 1BN	Open	1/1/2024	POP REQUEST 1BN
67	POP REQUEST 1BO	Open	1/1/2024	POP REQUEST 1BO
68	POP REQUEST 1BP	Open	1/1/2024	POP REQUEST 1BP
69	POP REQUEST 1BQ	Open	1/1/2024	POP REQUEST 1BQ
70	POP REQUEST 1BR	Open	1/1/2024	POP REQUEST 1BR
71	POP REQUEST 1BS	Open	1/1/2024	POP REQUEST 1BS
72	POP REQUEST 1BT	Open	1/1/2024	POP REQUEST 1BT
73	POP REQUEST 1BU	Open	1/1/2024	POP REQUEST 1BU
74	POP REQUEST 1BV	Open	1/1/2024	POP REQUEST 1BV
75	POP REQUEST 1BW	Open	1/1/2024	POP REQUEST 1BW
76	POP REQUEST 1BX	Open	1/1/2024	POP REQUEST 1BX
77	POP REQUEST 1BY	Open	1/1/2024	POP REQUEST 1BY
78	POP REQUEST 1BZ	Open	1/1/2024	POP REQUEST 1BZ
79	POP REQUEST 1CA	Open	1/1/2024	POP REQUEST 1CA
80	POP REQUEST 1CB	Open	1/1/2024	POP REQUEST 1CB
81	POP REQUEST 1CC	Open	1/1/2024	POP REQUEST 1CC
82	POP REQUEST 1CD	Open	1/1/2024	POP REQUEST 1CD
83	POP REQUEST 1CE	Open	1/1/2024	POP REQUEST 1CE
84	POP REQUEST 1CF	Open	1/1/2024	POP REQUEST 1CF
85	POP REQUEST 1CG	Open	1/1/2024	POP REQUEST 1CG
86	POP REQUEST 1CH	Open	1/1/2024	POP REQUEST 1CH
87	POP REQUEST 1CI	Open	1/1/2024	POP REQUEST 1CI
88	POP REQUEST 1CJ	Open	1/1/2024	POP REQUEST 1CJ
89	POP REQUEST 1CK	Open	1/1/2024	POP REQUEST 1CK
90	POP REQUEST 1CL	Open	1/1/2024	POP REQUEST 1CL
91	POP REQUEST 1CM	Open	1/1/2024	POP REQUEST 1CM
92	POP REQUEST 1CN	Open	1/1/2024	POP REQUEST 1CN
93	POP REQUEST 1CO	Open	1/1/2024	POP REQUEST 1CO
94	POP REQUEST 1CP	Open	1/1/2024	POP REQUEST 1CP
95	POP REQUEST 1CQ	Open	1/1/2024	POP REQUEST 1CQ
96	POP REQUEST 1CR	Open	1/1/2024	POP REQUEST 1CR
97	POP REQUEST 1CS	Open	1/1/2024	POP REQUEST 1CS
98	POP REQUEST 1CT	Open	1/1/2024	POP REQUEST 1CT
99	POP REQUEST 1CU	Open	1/1/2024	POP REQUEST 1CU
100	POP REQUEST 1CV	Open	1/1/2024	POP REQUEST 1CV



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### **10.9.1 Development Schedule**



## Development Workshop Programme

Note: recorded since 21/10/08,  
revisions marked yellow

Version 5 16/01/2009

Development Workshop		Design Package or Discipline				DP No.	Type	Contract Section	Date (scheduled)					
No. (Priority)	Title	No.	Title	SDS Programme IFC Activity ID				BSC Internal	with SDS			with tie		
1	Pavement	Discipline	Pavement										23/10/2008	25/11/2008
2	Trackform	Discipline	Trackform					21/10/2008	04/11/2008	17/11/2008	09/12/2008	05/01/2009	19/11/2008	
3	Public Information Display & OLE Poles	Discipline	Public Information Display					22/10/2008						
4		Discipline	OLE Poles					22/10/2008					17/11/2008	03/12/2008
5		Discipline	Pole Foundations											
4	All Underpass	5531	All Underpass - S28	SDS36780	S28	Bridge	5C		30/10/2008					
5	Cable Ducts and Draw Pits	Discipline	Cable Ducts					29/10/2008	30/10/2008	15/12/2008				
6	Structures Section 5B	5525	Edinburgh Park Station Bridge - S27	81	S27	Bridge	5B		04/11/2008					
7	Substations	8111	Substation - Leith Sands - SS16	???	SS16	Substation	1A		12/11/2008	18/12/2008				
8		8121	Substation - Leith Walk - SS11	A549180	SS11	Substation	1B							
9		8131	Substation - Cathedral Lane - SS12	A549290	SS12	Substation	1C							
10		8211	Substation - Haymarket - SS02	A549450	SS02	Substation	2A							
11		8212	Substation - Russell Road - SS03	???	SS03	Substation	2A							
12		8521	Substation - Jammers Deposty (Balgreen) - SS21	???	SS21	Substation	5B							
13		8522	Substation - Bankhead Drive - SS22	???	SS22	Substation	5B							
14		8611	Substation - Gogar Depot - SS01	???	SS01	Substation	6							
15		8711	Substation - Tram Eastfield Road	???	SS23	Substation	7A							
16		Discipline	Substations											
8	Haymarket Viaduct	5211	Haymarket Station Viaduct - S19	51	S19	Bridge	2A		24/11/2008	12/10/2009				
9	Roads and Tracks Sub-Section 1B	4121	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 1B	SDS25040		Road	1B		04/11/2008	19/11/2008	13/01/2009			
10	Power Supply	Discipline	Power Supply						27/11/2008					02/12/2008
11	Roads and Tracks Sub-Section 1C and 1D	4134	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 1C	SDS25530		Road	1C		01/12/2008		14/01/2009			
12		4141	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 1D	SDS26020		Road	1D							
12	Comms and Radio	Discipline	Comms and Radio											
13	Earthing & Bonding	Discipline	Earthing & Bonding							11/12/2008				
14	Structures Section 5B	5521	Carnick Knowe Underbridge - S23	267	S23	Bridge	5B							
15		5524	South Gyle Access Bridge - S26	SDS36240	S26	Bridge	5B							
15	Structures Russell Road	5212	Russell Road Bridge - S20	SDS63440	S20	Bridge	2A							
16		5551	Russell Road Retaining Wall 1 - W3	185	W3	Retaining Wall	5A							
17		5552	Russell Road Retaining Wall 2 - W4	SDS62400	W4	Retaining Wall	5A							
16	Species Mitigation Plans	1710	Species Mitigation plan	SDS87760		Other	7A							
17		1910	Badger Mitigation Plan	SDS87240		Other	5W							
17	Roads and Tracks Depot	3611	Drainage - Subsection 6 - Depot	VO2760		Drainage	6		08/01/2009					
18		4611	Depot Earthworks	VO2750		Road	6							
19		4612	Roads, Street Lighting & Landscaping - Subsection 6 - Depot	VO2720		Road	6							
20		5611	Depot Internal Retaining Walls	???		Retaining Wall	6							
21		6611	Depot Track - Subsection 6	VO2580		Track	6							
22		7651	Depot Halt	A27240		Tram Stop	6							
18	Depot Shed and OLE	7611	Depot OLE	VO2140		Overhead Line Equipment	6		03/12/2008	18/12/2008	20/01/2009			
19		8651	Depot Building Foundations	SDS86980		Building	6							
20		8652	Depot Outwork - External Services	A45810		Building	6							
21		8653	Depot General Layout	SDS86980		Building	6							
22		8654	Depot Shed	SDS86220		Building	6							
23		8655	Depot Shed Ground Floor Slab & Pits	SDS87020		Building	6							
24		8656	Depot Building Steel Superstructure	SDS86090		Building	6							
19	Composite Bridges	5511	Roseburn Street Viaduct - S21A	SDS59000	S21A	Bridge	5A							
20		5513	Water of Leith Bridge - S21E	SDS59280	S21E	Bridge	5A							
20	Traffic Lights	Discipline	Traffic Lights											
21	Roads and Tracks Sub-Section 2A	4211	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 2A	SDS26510		Road	2A							
22		4511	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 5A	SDS26450		Road	5A							
23		4521	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 5B	SDS29440		Road	5B							
24		4531	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 5C	SDS30430		Road	5C							
22	Roads Sub-Section 7A	4711	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 7A	SDS30920		Road	7A							
23	Structures Section 7A incl Depot Access Bridge and Gyle Stop Retaining Wall	5613	Gogar Burn Retaining Wall One - W14	431	W14	Retaining Wall	7A		15/01/2009					
24		5614	Gogar Burn Retaining Wall Two - W15	461	W15	Retaining Wall	7A							
25		5711	Gogarburn Bridge - S29	SDS36510	S29	Bridge	7A							
26		5712	Gogarburn Culvert One - S30	341	S30	Bridge	7A							
27		5713	Gogarburn Culvert Two - S31	371	S31	Bridge	7A							
28		5714	Gogarburn Culvert Three - S34	401	S34	Bridge	7A							
29		5532	Depot Access Bridge - S32	SDS57660	S32	Bridge	5C							
30		5571	Gyle Stop Retaining Wall - W19	SDS66500	W19	Retaining Wall	5C							
24	Structures Section 5	5512	Murrayfield Stadium Underpass - S21C	SDS59720	S21C	Bridge	5A							
25		5514	Balgreen Road Tram Bridge - S22	SDS35970	S22	Bridge	5A							
26		5515	Balgreen Road Network Rail Access Bridge - S22	SDS35900	S22	Bridge	5A							
27		5553	Bard Drive Retaining Wall - W8	SDS35660	W8	Retaining Wall	5A							
28		5554	Balgreen Road Retaining Wall - W9	SDS51370	W9	Retaining Wall	5A							
29		5555	Murrayfield Stadium Retaining Wall - S21B	SDS58190	S21B	Retaining Wall	5A							
30		5556	Murrayfield Tramstop Retaining Wall - W18	SDS51560	W18	Retaining Wall	5A							
31		5557	Murrayfield Training Pitches Retaining Wall - S21D	SDS59440	S21D	Retaining Wall	5A							
32		5561	Bankhead Drive Retaining Wall - W11	SDS51380	W11	Retaining Wall	5B							
25	Roads and Tracks Sub-Section 1A	4111	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 1A1 - Bernard St to Foot of Walk	SDS24540		Road	1A							
26		4112	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 1A2 - Port of Leith to Bernard Street	SDS87810		Road	1A							
27		4113	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 1A3 - Ocean Terminal to Port of Leith	SDS78940		Road	1A							
28		4114	Roads, Tracks, Drainage, Street Lighting & Landscaping - Subsection 1A4 - Newhaven to Ocean Terminal	SDS78930		Road	1A							
26	Tram Stops	7151	Tram Stop - Newhaven	A25990		Tram Stop	1A							
27		7152	Tram Stop - Ocean Terminal	A25860		Tram Stop	1A							
28		7153	Tram Stop - Port of Leith	A25830		Tram Stop	1A							



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**10.10 Issues and Concerns**

**Not Applicable**