

MEMORANDUM FOR THE RECORD
 2024/04/09
 Change Order Issued

References	ie Change Order	Description	Date Identified	Date of further letters	Letter Ref	Agreed in principle	TMC?	Estimate Issued?	ie Change Order?	Type	Change Type	Pricing Method	Value Estimate (€000)						Allocation of Cost	Section	Change Order Value	Action						
													SOCS	Blitinger	Siemens	C-UF	Sub-total	Other Pmts					Construction Pmts	DHS P	Other Pmts	Total	€ Agreed	€ Not Agreed
324a	324a	Sugar Landfill Area - Additional site investigation and testing to landfill area	24/04/2009	25-1201-00231	24/04/2010	25-1201-00231	1	N/A	M	1	3,4	3,4	0	0	0	0	0	0	0	0	0	0	0	N/A	7	0	BSC	
				25-1201-00231																								
				25-1201-MR/4545																								
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				25-1201-MR/4545																								
324b	324b	Sugar Landfill Area - Surberging and monitoring of surcharge	26/02/2010	2462310	26/02/2010	25-1201-00438	1		M	1	3,4	3,4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC
				2462310																								
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324c	324c	Sugar Landfill Area - Soil Nailing and Reinforced Earth	26/02/2010	2462310	26/02/2010	25-1201-00438	1		M	1	3,4	3,4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC	
				2462310																								
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324d	324d	Sugar Landfill Area - Trenching Change	10/05/2010	0160910	10/05/2010	25-1201-00690	1		M	1	3,4	3,4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC	
				0160910																								
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324e	324e	Revised OLE foundation and layout Section 1	28/04/2009	1764030	28/04/2009	25-1201-00154																					IB	
				1764030																								
				1764030																								
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324f	324f	Redesign of OLE poles foundations due to increased loadings - Line 2	29/04/09	1764030	29/04/09	25-1201-00154																					IB	
				1764030																								
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324g	324g	Amend OLE system design documents	29/04/09	1764030	29/04/09	25-1201-00154																				BSC		
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Ref	ie													TCO	£ Submitted	£ Agreed	£ Not Agreed	P sum or VE	Number	See Notes	See Notes	See Notes				SDS	Bilfinger	Siemens	CAF	Sub-total	OH & P
473	60	147	Construction of 3 no. sewer protection slabs and new chamber at Lindsey Road	20/08/2009	28/09/09 04/09/09 09/03/10 16/03/10 25/03/10 30/03/10 31/03/10 02/04/10 06/04/10 14/04/10 16/04/10 14/05/10 19/05/10 04/06/10 11/06/10	ie INF CORR 2090MPP 25.1.201.JH0384 ie INF C CORR 2244MB 25.1.201.JA4979 25.1.201.JH00122 ie INF CORR 4489/Sba 25.1.201.MRH6221 ie INF CORR 4584Mbu ie INF C CORR 4645ES 25.1.201.JH02345 25.1.201.SKJ5375 25.1.201.JD5442 e-mail MRH to M. Paterson (ie) ie INF CORR 5013MB 25.1.201.MRH6737 ie INF CORR 5162MBU 25.1.201.MRH6390	1	1	1	1	1	1	3.4	0	25,328	0	0	25,328	incl	1,874	4,432	31,635	31,635	0	VPS	8	1A	31,635	lie		
474		135	Additional manhole requirement - Section 5B	27/08/2009	30/09/09 18/10/09 14/01/10 09/02/10	ie INF CORR 2825/TC 25.1.201.KFU4378 ie INF CORR 3235/DC	1		1	1	1	1	1,2,3	0	-5,673	0	0	-5,673	420	983	0	-7,086	7,086	-0	N/A		5B	7,086			
475		105	A8 Underpass - BT works - Slew2 way and 4 vey ducts	11/09/2009	01/10/09 09/10/09 14/10/09	ie INF CORR 2552/McG ie INF CORR 2591/AS ie INF CORR 2143RB	1		1	1	1	1	1,2,3	0	70,144	0	0	70,144	7,344	5,191	12,275	94,954	94,954	-0	VPS	2	5C	94,954			
476		65	Tram Stops Development Workshop - changes arising	28/08/2009	03/09/09 29/09/09 14/10/09 06/01/10 19/02/10 07/04/10 20/05/10 21/05/10	25.1.201.JH0384 25.1.201.JH0423 25.1.201.KS2633 25.1.201.KS3776 25.1.201.BOC4325 SDS-ULE90130-SW-LET-01714 SDS-ULE90130-SW-LET-01985 SDS-ULE90130-SW-LET-02018 25.1.201.JH05772	1	1	1	1	1	1	1,2,3	116,773	0	0	116,773	11,677	8,841	0	137,992	0	137,992	0	N/A		5W	0	lie		
477			Sub Station Development Workshop - changes arising	28/09/09	03/09/09 29/09/09 23/10/09 13/01/10 15/01/10 19/02/10 16/04/10 04/05/10	25.1.201.JH0424 25.1.201.JH0608 25.1.201.KS2634 SDS-ULE90130-SW-LET-01760 SDS-ULE90130-SW-LET-01842 25.1.201.JH04399 25.1.201.JH04732 ie INF CORR 4807/DC 25.1.201.SN5633			1	1	1	1,2,3	123,547	0	0	123,547	12,355	9,142	0	145,044	0	145,044	0	N/A		5W	0				
478			Issued to Closeout CEC Roads TAA Sign Off	04/09/09	01/07/09 20/07/09 01/09/09 01/10/09 09/10/09 16/10/09 10/02/10	SDS-ULE90130-01-LET-1040 25.1.201.BOC4325 SDS-ULE90130-SW-LET-01691 25.1.201.JH0435 ie INF CORR 2527/DS ie INF CORR 2527/DS 25.1.201.JH0625 25.1.201.JH0635			0		1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A		1	0		
479		61	Proposed sewer lining at Water of Leith Bridge	31/08/2009	08/09/09 13/10/09 17/10/09 17/10/09 12/01/10 20/01/10 12/02/10 15/02/10 04/05/10 22/05/10 23/06/10	ie INF CORR 2151/DC 25.1.201.KS2641 ie INF CORR 2825/TC 25.1.201.MRH4038 ie INF CORR 3026/TC 25.1.201.KS4372 25.1.201.JA4442 ie INF CORR 4079/Sba 25.1.201.KS44731 ie INF CORR 5194/SBA 25.1.201.MRH6076 25.1.201.KA6082	1	1	1	1	1	1	1,2,3	0	44,261	0	0	44,261	4,426	3,275	7,746	59,709	59,709	0	N/A		5A	59,709			
480			IPC drawings - Airport food prevention measures	11/12/2009	17/12/09 20/01/10 16/04/10	25.1.201.KA6220 ie INF CORR 3085/McG 25.1.201.JH4447 ie INF CORR 4831			N/A		M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	N/A		7	0		
481			Tower Place bridge bespoke parapet		04/09/09 02/10/09	SDS-ULE90130-01-LET-01064 25.1.201.JH0668																									
482			CEC's request for a turning head at Depot	23/09/09	20/09/09 31/09/09 28/09/09 02/10/09 14/10/09 23/10/09 06/01/10 11/01/10 14/01/10 24/02/10 26/02/10 26/02/10 04/03/10 24/03/10	25.1.201.BOC4325 SDS-ULE90130-06-LET-00127 25.1.201.JH0592 SDS-ULE90130-06-LET-00152 25.1.201.BOC4325 ie INF CORR 2626/DS 25.1.201.JH0376 25.1.201.BOC4325 ie INF CORR 3113/DS 25.1.201.KBR4389 SDS-ULE90130-SW-LET-01905 25.1.201.KBR4791 25.1.201.JH04831 25.1.201.JH04848 25.1.201.JH0484 ie INF CORR 4456/McG			N/A		1	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A		6	0	
483		67	Changes to sub-stations arising from development workshops	15/09/09	07/09/09 02/10/09 22/02/10 04/03/10	ie INF CORR 2290/DC 25.1.201.JA0507 25.1.201.KS2673 ie INF CORR 4182/SG 25.1.201.MRH4897	1	1	0		1	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	N/A		5W	0		
484		72	Culvert 1 - Excavation below formation level	06/10/09	16/09/09 24/03/10	25.1.201.JC03513 ie INF CORR 2537/McG ie INF CORR 4489/McG	1		0		1	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	N/A		7	0		
485			Manderston Street operational track cross over	21/09/09	17/09/09 22/09/09 22/01/10 25/01/10 22/02/10 26/02/10 24/03/10 24/03/10	ie INF C CORR 2372/G ETN (BSC) SDS SC C8 ABC #053720 ETN (BSC) IE C8 ABC #053721 ie INF CORR 3188/LM ie INF CORR 2683/G ETN (REL) IE C8 ABC #053948 ETN (BSC) SDS SC C8 ABC #054075 ETN (BSC) SDS SC C8 ABC #054151			0		1	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A		1B	0	
486		105	TRO Changes September 2009	23/09/09	21/09/09 25/09/09 26/09/09 12/10/09	SDS-ULE90130-SW-LET-01725 25.1.201.BOC4325 ie INF CORR 4489/Sba 25.1.201.JH0507 25.1.201.KBR4750	1		1	1	1	1	1,2,3	2,922	0	0	2,922	292	216	0	3,430	3,430	-0	N/A		5W	3,430				
487		70	Logan Depot South embankment reinstatement and water supplies	18/09/2009	24/03/10	ie INF CORR 2571/DC ie INF CORR 4489/McG	1	1	0		1	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	N/A		5C	0		
488			Development workshop for drainage - changes arising	28/09/2009	28/09/09 14/10/09 11/11/09 21/12/09 06/01/10 21/01/10 03/02/10 22/02/10 24/02/10 26/02/10 07/03/10	25.1.201.JH0613 25.1.201.JH0614 25.1.201.KS03794 ie INF CORR 3769/GM SDS-ULE90130-SW-LET-01798 25.1.201.BOC4325 25.1.201.JH04851 SDS-ULE90130-SW-LET-01943 SDS-ULE90130-SW-LET-01902 25.1.201.JH04788 25.1.201.BOC4813 ie INF CORR 4910/GM			1	1	1	1	1,2,3	39,335	0	0	39,335	-3,334	2,911	0	46,179	0	46,179	0	46,179	0	N/A		5W	0	
489			Piling obstructions encountered at guided busway	29/09/2009	05/02/10 23/02/10 17/03/10	25.1.201.JC03630 25.1.201.KFU4575 ie INF CORR 4202/SBA 25.1.201.KFU4897			1		M	1	1,2,3	0	12,000	0	0	12,000	-1,200	888	2,100	16,186	0	16,186	0	N/A		5B	0	lie	
490			Testing to carriageway at Leith Walk	23/10/2009	17/12/09 01/02/10 14/05/10	25.1.201.JC03637 25.1.201.JM.P.014278 ie INF C CORR 3351/SBA ie INF C CORR 5023/McG	1		1		M	1	1,2,3	0	40,176	0	0	40,176	-4,018	2,973	7,031	54,198	30,670	23,528	0	N/A		1B	0		

BFB00003291_0289



References		ie Change Order TC-0	Description	Date Notified	Date of further letters	Letter Ref	Agreed in principle	THC? T=Y	Estimate issued? T=Y, D=N	ie Change Order? T=Y	Type See Notes	Change Type See Notes	Pricing Method See Notes	Value Estimate (GBP)										Allocation of Cost		Section	Change Order Value	Action	
Ref	ie													£ Submitted	£ Agreed	£ Not Agreed	P sum or VE Number	See Notes											
													SDS	Bilfinger	Siemens	CAF	Sub-total	OH & P	Consortium Prelims	Other Prelims	Total	£ Agreed	£ Not Agreed	P sum or VE Number	See Notes				
503			Track side signage	20/10/09	21/07/09	ie INF CORR 1815/DS ETN(BSC)TIE SAAC #053771 ie INF CORR 4193/LM			0		I	I	4	0	0	0	0	0	0	0	0	0	0	0	N/A	5M	0	BSC	
504			Additional lighting columns at Carrick Knowe Bridge	02/11/2009	01/02/10 08/02/10 26/02/10 09/03/10 12/03/10	25.1.201 JG/6929 ie INF CORR 3290/SG 25.1.201 MR/H4595 25.1.201 JG/H4813 ie INF CORR 4360/SG ie INF CORR 4389/SB			1		I	I	4	0	271	0	0	271	incl	20	47	338	0	338	N/A	5B	0	BSC	
505		124	Traffic signalling control at Junction 41 - Lothian Road/Charlotte Street/Princes Street	28/10/2009	19/11/09 30/11/09	ETN(BSC)TIE SAAC #053780 ETN(BSC)TIE SAAC #053624 ie INF CORR 2929/CB	1		1		I	I	4	0	0	137,105	0	0	137,105	0	0	137,105	137,105	0	DPS	10	10	137,105	
506			Removal of obstructions at Russell Road Retaining Wall	28/10/2009	05/02/10 08/02/10 12/02/10 23/04/10 07/05/10 20/05/10 26/05/10 02/06/10 09/06/10	25.1.201 JG/C918 25.1.201 JG/U4577 ie INF CORR 4027/SB 25.1.201 MR/H4665 25.1.201 JG/A518 ie INF CORR 4845/Sba ie INF CORR 5036 25.1.201 MR/H2793 25.1.201 JG/A5870 ie INF CORR 3269/DM	1		1		I	I	1,2,3	0	46,662	0	0	46,662	4,666	3,453	8,166	62,947	37,036	25,911	N/A	5A	0	lie	
507			Revised IFC at Russell Road Retaining Wall - additional site	02/11/2009	11/03/10 08/04/10 20/05/10 26/05/10	25.1.201 JG/C918 ie INF CORR 4395/DM 25.1.201 JG/C934 ie INF CORR 5036 25.1.201 MR/H2793			N/A		M	I	1,2,3	0	0	0	0	0	0	0	0	0	0	0	N/A	5B	0	lie	
508			Additional footway across Depot Access Bridge	02/11/2009	28/10/09 08/01/10 19/01/10 08/03/10 12/03/10	SDS-JLE90130-06-LET-00166 25.1.201 JH/6935 ie INF CORR 3109/DS 25.1.201 BOC/4429 SDS-JLE90130-SW-LET-01924 25.1.201 BOC/2604			0		I	I	1,2,3	0	0	0	0	0	0	0	0	0	0	0	N/A	6	0	BSC	
509			OLE pole modifications - supply of trials	30/10/2009	20/05/10	ETN(BSC)TIE SAAC #053780 ETN(BSC)TIE SAAC #050984			0		I	I	1,2,3	0	0	0	0	0	0	0	0	0	0	0	N/A	SW ON	0	BSC	
510			IFC drawing changes - Section 7 - Ducting and Cable Routes	03/11/2009	15/12/09 07/01/10 21/01/10 26/01/10 15/02/10 03/03/10 24/03/10 02/04/10 07/05/10 21/05/10 04/06/10 10/06/10 15/06/10 16/06/10	25.1.201 JL/9951 ie INF CORR 3014/GMcG 25.1.201 JG/H4332 ie INF CORR 3186/GMcG 25.1.201 MR/H4495 ie INF CORR 4011/GMcG 25.1.201 JG/H4868 ie INF CORR 4458/GMcG ie INF CORR 4637/GMcG ie INF CORR 4976 25.1.201 MR/H2710 ie INF CORR 5273/DM 25.1.201 JG/A5978 ie INF CORR 5346 ie INF CORR 3252			0		M	I	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	1A	0	BSC
511			Russell Road Retaining Wall 4 - piling obstructions - alternative design required.	06/11/2009	18/11/09 22/02/10 29/03/10 30/03/10 30/03/10 07/04/10 18/04/10 21/04/10 29/04/10 04/05/10 08/05/10 28/05/10	25.1.201 CBR/8969 25.1.201 JG/A4054 ie INF CORR 4189/DC 25.1.201 JMD/9195 SDS-JLE90130-05-LET-00469 25.1.201 JH/5223 SDS-JLE90130-SW-LET-01986 SDS-JLE90130-SW-LET-01988 25.1.201 JH/5498 ie INF CORR 4876/CN SDS-JLE90130-SW-LET-02019 25.1.201 JMD/5852 25.1.201 JMD/5850			1		M	I	1,2,3	9,788	152,262	0	0	162,040	16,204	11,991	26,644	216,679	0	216,679	N/A	5A	0	BSC	
512			Depot - Movement of Air Compressor Room	12/11/09	04/11/09 11/11/09 09/12/09 06/01/10 15/01/10 19/01/10 01/02/10 24/03/10 24/03/10	SDS-JLE90130-06-LET-00166 ETN(BSC)TIE SAAC #059901 ETN(BSC)TIE SAAC #059901 SDS-JLE90130-SW-LET-01811 25.1.201 BOC/4325 SDS-JLE90130-SW-LET-01845 ETN(BSC)TIE SAAC #059901 ie INF CORR 3291/AS ETN(BSC)TIE SAAC #050026 ie INF CORR 4469/GMcG			N/A		I	I	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	N/A	6	0	lie
513			IFC changes to Kerbs, Footways, Cycleways, Lays, Buses and Paved Areas Specification	03/12/2009	08/02/10 03/03/10	25.1.201 MR/H4163 ie INF CORR 4024/SG 25.1.201 JG/A4863			N/A		M	I	1,2,3	0	0	0	0	0	0	0	0	0	0	0	N/A	SW	0	BSC	
514			IFC changes to Road Restraint Systems Specification	13/11/2009	10/11/09 20/11/09 07/04/10 07/04/10 19/04/10 22/04/10 04/05/10 05/05/10 17/06/10	SDS-JLE90130-SW-LET-01763 25.1.201 MR/H4009 25.1.201 JH/4072 ie INF CORR 4667/DS ie INF CORR 4669/DS 25.1.201 MR/H4444 25.1.201 JH/5501 25.1.201 BOC/2627 SDS-JLE90130-SW-LET-02022 25.1.201 JH/6037			0		M	I	1,2,3	0	0	0	0	0	0	0	0	0	0	0	N/A	SW	0	BSC	
515			Floating Slab in City Centre	18/01/2010	28/01/10 16/02/10 15/06/10	ETN(BSC)TIE SAAC #057189 ETN(BSC)TIE SAAC #05917 ETN(SPM)B9-18ABC#057264 ie INF CORR 5298			1		I	I	1,2,3	0	0	121,847	0	0	121,847	0	0	121,847	0	121,847	N/A	1	0	BSC	
516			IFC changes to Road Markings and Signs Specification	16/11/2009	07/04/10 13/04/10	25.1.201 MR/H4024 ie INF CORR 4669/DS 25.1.201 MR/H4444			0		M	I	1,2,3	0	0	0	0	0	0	0	0	0	0	0	N/A	SW	0	BSC	
517	77	139	Scottish Power Utility Diversion SAGP/D/05 at Russell Road Retaining Wall	13/11/2009	13/11/09 18/11/09 09/02/10 12/02/10 22/02/10 22/02/10 02/03/10 15/03/10 31/03/10 13/04/10 30/04/10 05/05/10 20/05/10	25.1.201 JG/C918 ie INF CORR 2831/SJ 25.1.201 MR/H4047 ie INF CORR 4043/DC 25.1.201 JG/U4666 25.1.201 JG/U4757 ie INF CORR 4190/SJ 25.1.201 JG/U4851 25.1.201 JG/U4938 ie INF CORR 4594/SJ 25.1.201 BOC/6356 25.1.201 JG/U4938 25.1.201 JG/U4943 25.1.201 BOC/6745	1		1		I	I	1,2,3	0	18,860	0	0	18,860	1,886	1,396	3,301	25,443	20,006	5,437	VPS	2	5A	20,006	lie
518			Removal of asbestos from plots 96, 97, 101 & 102 at Russell Road Retaining Wall	13/11/2009	10/12/09 01/02/10 20/05/10 26/05/10 26/05/10 09/06/10	ie INF CORR 2805/TC 25.1.201 JG/A215 ie INF CORR 3380/SBA ie INF CORR 5086 25.1.201 MR/H2793 ie INF CORR 5192 ie INF CORR 3269/DM	1		1		I	I	1,2,3	0	1,870	0	0	1,870	187	136	327	2,523	0	2,523	N/A	5A	0	BSC	
519		76	Revised scope St Andrew Square	12/11/2009	18/11/09 01/02/10 29/06/10	25.1.201 MR/H4056 ie INF CORR 3350/Sba 25.1.201 MR/H4119	1		1		I	I	1,2,3	0	0	0	0	0	0	0	0	0	0	0	N/A	1C	0	BSC	
520			Traffic Management to accommodate re-introduction of buses on Princes Street	09/12/09	20/08/2009	ie INF CORR 2088 25.1.201 MR/H4180			0		I	I	4	0	0	0	0	0	0	0	0	0	0	0	N/A	1C, 1D	0	BSC	
521			Disaster Recovery Centre	15/02/2010	17/03/10 10/05/10	ETN(BSC)TIE SAAC #059921 ie INF CORR 4141/LM ETN(BSC)TIE SAAC #050967			1		I	I	4	0	0	37,217	0	0	37,217	0	0	37,217	0	37,217	N/A	1B	0	lie BSC	
522			Leth Walk railway bridge - special track form	16/02/2010	30/11/09	25.1.201 JH/4689 25.1.201 JH/4133			0		I	I	1,2,3	0	0	0	0	0	0	0	0	0	0	0	N/A	1B	0	BSC	
523			A8 Underpass - support and protect BT equipment	16/11/2009	26/02/10 15/03/10 19/03/10 08/04/10 16/04/10 30/04/10 21/05/10	25.1.201 JG/A4272 25.1.201 JG/A4823 ie INF CORR 4400 25.1.201 JG/A5129 ie INF CORR 1741/GMc 25.1.201 JG/A5433 25.1.201 JG/A5580 ie INF CORR 5105/GMc			1		M	I	1,2,3	0	59,561	0	0	59,561	5,966	4,408	10,423	80,348	0	80,348	YPS	2	5C	0	BSC

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ETN INFRACO NOTIFICATION OF THE CHANGE (INTC)
CONFIDENTIAL

MEMBERSHIP: 2024/01/01
2024/01/01
Change Order Issued



Item	References	Change Order	Description	Date Identified	Date of further letters	Letter Ref	Agreed in principle	IMC?	Estimate Issued?	Type	Change Type	Pricing Method	Value Estimate (GBP)										Section	Change Order Value	Action						
													SCS	Blitger	Siemens	C-UF	Sub-total	DH&P	Construction	Other Prelims	Total	E. Agreed				E. Not Agreed	Form of VE	Number			
521			Delayed access to Clifton Terrace (phase 1) due to MUDFA delayed completion	06/03/2010	1702010 1702010 0204010	ie INF CORR 4077 25-1201-PW/4724 ie INF CORR 4811-DOB			N/A	M	1	1,2,3	0	0	0	0	0	0	0	0	0	N/A	0	0	0	TD	0	BSC			
522			Cut of sequence working at Haymarket/Clifton Road Junction due to MUDFA delayed completion	06/03/2010	2603010 0204010	25-1201-PW/4716 ie INF CORR 4811-DOB ie INF CORR 4811-DOB			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	N/A	0	0	0	1C-ID	0	BSC		
523			Forti Pits Area - fence alterations	06/03/2010	0803010	30-SULEM130-01-LET-J01149 25-1201-AM/5432 30-SULEM130-01-LET-J01189 25-1201-AM/5432 25-1201-AM/5432 25-1201-AM/5432			0	I	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1A	0	BSC		
524	87		Remove surplus material from Plot 304	06/03/2010	0904010 2604010 2605010	ie INF CORR 4330-MP 25-1201-AM/5430 25-1201-AM/5430 25-1201-MDR/4587 ie INF CORR 4189	1		1	I	1	1,2,3	0	291,733	321	177,148	40,553	269,766	0	289,796	0	0	0	0	0	0	7	0	BSC		
525			Developed hydraulic embankment (R/S) - 5th Mile	10/03/2010	1405010	ie INF CORR 5056-DC			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	SW	0	lib			
526			Section 8B - Buggate, Contamination	12/03/2010	1804010 2005010 2605010	25-1201-AM/5406 ie INF CORR 4956-AC ie INF CORR 4907 25-1201-MDR/4724			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SB	0	BSC		
527			W/19 - 5th Stop retaining wall - protection over existing services	12/03/2010	120302010	25-1201-AM/5015			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SC	0	BSC		
528			All Underpass - Phase 2 - Piling obstructions	12/03/2010	2304010 0405010 1805010 2105010 2405010 0806010 1806010	25-1201-MDR/4504 ie INF CORR 4570-NOG 25-1201-AM/5391 ie INF CORR 5075-SB 25-1201-MDR/4773 25-1201-MDR/4773 ie INF CORR 5172-SB 2405010 25-1201-MDR/4730 25-1201-MDR/4730 25-1201-MDR/4588			1	M	1	1,2,3	0	7,029	703	1,230	5,638	9,491	0	9,491	0	0	0	0	0	0	SC	0	BSC		
529			All Underpass - Phase 2 - Change to pile toe levels	12/03/2010	2603010 2604010 0705010 0705010 1805010 1805010	25-1201-AM/5053 25-1201-AM/5053 ie INF CORR 4864-SB ie INF CORR 4959-NC 25-1201-AM/5018 ie INF CORR 5172-NOG			0	M	1	1,2,3	0	32,224	0	0	0	0	0	0	0	0	0	0	0	0	0	SC	0	lib	
530			Informative approvals process changes by CEC	17/05/2010	2603010 2604010	25-1201-AM/5053 25-1201-AM/5053			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SW	0	BSC		
531			Revisions to TRC public exhibition document - additional comments	06/04/2010	0804010 1205010	25-1201-SM/6254 25-1201-SM/6259 25-1201-SM/6259			0	I	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SW	0	BSC		
532			Underpass retaining wall (C) - Underpass ground conditions - Archaeological findings	09/04/2010	1604010 3004010 0505010 1805010 2405010 2605010	25-1201-SM/6300 ie INF CORR 4800-MB 3004010 25-1201-MDR/4564 ie INF CORR 5172-SB 2405010 25-1201-MDR/4730 25-1201-MDR/4730			1	M	1	1,2,3	0	5,522	38	409	398	6,935	0	6,935	0	0	0	0	0	0	1A	0	BSC		
533			Part reinstatement of Prince Street contraflow route	08/04/2010	1404010 2505010	25-1201-AM/5012 ie INF CORR 4774-SB ie INF CORR 5411-CB	1		1	I	1	1,2,3	0	16,269	1,627	1,204	2,847	21,947	0	21,947	0	0	0	0	0	1C-ID	0	BSC			
534			Invasive Species - Gogar Landfill Area - Gant Hogweed	09/04/2010	1604010 1805010 0806010 1806010	ie INF CORR 4750-AS 25-1201-AM/5435 25-1201-MDR/4739 ie INF CORR 5172-SB ie INF CORR 5172-SB			1	M	1	1,2,3	0	57,423	5,667	4,249	10,049	77,389	0	77,389	0	0	0	0	0	0	7	0	lib		
535			Reinstatement of MUDFA Works in front of Ocean Terminal	24/03/2010	1903010	30-SULEM130-01-LET-J01185 25-1201-AM/5017			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	lib		
536	93		Revised traffic management at junction of the Mound, Princes Street and Hanover Street	30/03/2010	1804010 2305010	ie INF CORR 4830-CC 30-SULEM130-01-LET-J01180	1		0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1C	0	BSC		
537			New CEC comments - Advance directional signing for Constitution Street	30/03/2010	0903010	30-SULEM130-SW-LET-0000 25-1201-AM/5432 ie INF CORR 4872			1	I	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1A	0	BSC		
538	89	152	Delivery of first item to Edinburgh	26/03/2010	0604010 2304010 3004010	ie INF CORR 4872 25-1201-AM/5430 25-1201-MDR/4581	1		1	I	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1C	40,306	BSC		
539			Section 2A - CER Verification Results - TQ 1518	07/04/2010	1604010 1805010 1005010 1205010 2605010 1005010	25-1201-AM/5298 ie INF CORR 4851-SB 25-1201-AM/5867 25-1201-MDR/4582 ie INF CORR 4858-SB 25-1201-AM/5297			0	I	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC	
540			Revisions to TRC general overview document - additional comments	06/04/2010	0705010 1105010 2605010 1005010	ie INF CORR 4650-SB 25-1201-MDR/4572 ie INF CORR 5059-SB ie INF CORR 4858-SB			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC
541			Comminuted material at Murrayfield Transportway 15 retaining wall	07/04/2010	2304010	ie INF CORR 4858-SB			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC	
542			Revisions to OLE bases - Section 2A	07/04/2010	0605010 0705010 1205010 1005010	25-1201-AM/5276 ie INF CORR 4650-SB 25-1201-MDR/4572 ie INF CORR 5059-SB			1	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC
543			IFC drawing changes - Section 2A - Ducting and Cable Routes	07/04/2010	0605010 0705010 1205010 1005010	25-1201-AM/5276 ie INF CORR 4650-SB 25-1201-MDR/4572 ie INF CORR 5059-SB			1	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC
544			Revisions to OLE bases - Section 2A	06/05/2010	0605010 0705010 1205010 1005010	25-1201-AM/5276 ie INF CORR 4650-SB 25-1201-MDR/4572 ie INF CORR 5059-SB			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC
545			Haymarket Station - additional works to Network Rail access door	06/05/2010	1405010 2305010	25-1201-AM/5275 ie INF CORR 5017-AMB			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC
546			Possession of car park 441 remedial - unexcused access	07/04/2010	0605010 0705010 1205010 1005010	25-1201-AM/5275 ie INF CORR 5017-AMB 25-1201-AM/5275 ie INF CORR 4684-SB			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC
547			Haymarket Viaduct - remediation of foot ground - Technical Query no. 150	07/04/2010	0605010 1105010	25-1201-AM/5275 ie INF CORR 4684-SB			0	I	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC	
548			Victoria Dock Entrance Bridge - road safety audit on existing parapets	09/04/2010	3003010 1304010	30-SULEM130-01-LET-J01174 25-1201-AM/5291			0	M	1	1,2,3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC

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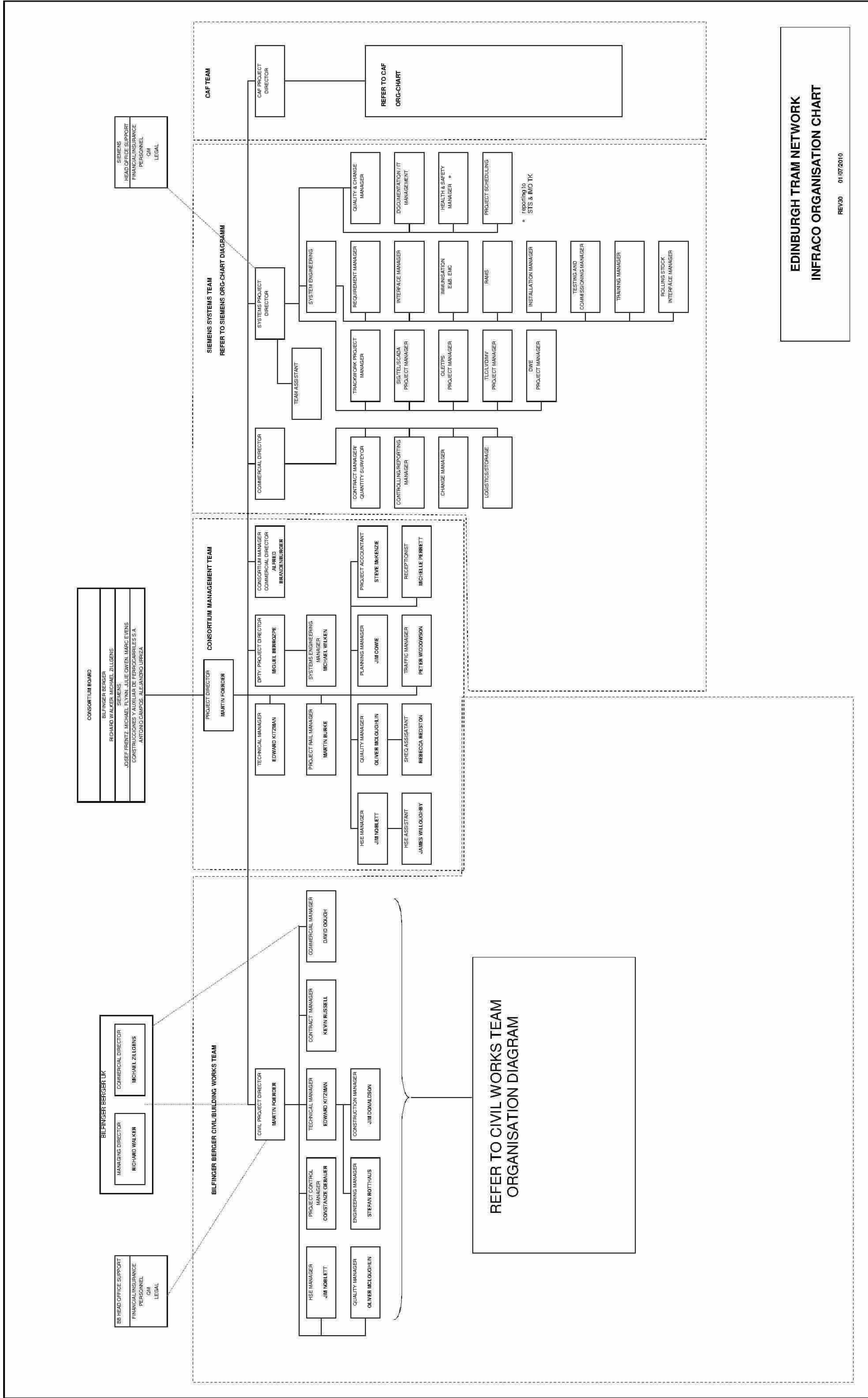
MEMORANDUM
Key City
Change Order Issued

ETN INFRACO NOTIFICATION OF THE CHANGE (INTC)
CONFIDENTIAL

References	ie Change Order / CO	Description	Date Identified	Date of further letters	Letter Ref	Agreed in principle	TMC?	Estimate Issued?	ie Change Order?	Type	Change Type	Pricing Method	Value Estimate (GBP)										Section	Change Order Value	Action					
													SCS	Blitinger	Siemens	C-UF	Sub-Total	DH&P	Construction	Other	Total	E Agreed				E Not Agreed	Allocation of Cost			
B24		Structure S20 - Russell Road Bridge - Underpin Ground Conditions - change to specified pile	20/05/2010		25.1.2010/MS/58			0		M	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC			
B26		Protected Species mitigation measures Bagger tunnels, noise and lighting stations	20/05/2010	18/05/10 07/04/10 14/05/10	25.1.2010/MS/58 25.1.2010/MR/4236/02 25.1.2010/MR/4236/03			0		M	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC		
B27		Removal of materials from Part of Leth Housing Association land at the Casino	14/05/2010	22/05/10	25.1.2010/MS/58			N/A		M			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BSC		
B28	101	IFC Drawing changes for Section 2 Track Drainage	24/05/2010	06/06/10 18/06/10 18/06/10	25.1.2010/MS/58 25.1.2010/MS/58 25.1.2010/MR/4236/03		1	0		M	1		0	-6,483	ind	-480	-1,135	-9,097	0	0	0	0	0	0	0	0	0	0	0	0
B30		Playmarket Viaduct - Raising High Water - Temporary works changes due to reflecting loading	20/05/2010	30/05/10 25/05/10	25.1.2010/MS/58 25.1.2010/MR/4236/03			1		M	1		3,886	0	0	361	287	0	0	0	0	0	0	0	0	0	0	0	0	0
B31		CLE pole foundations - BDD1 - EC - Section 7	29/05/2010	25/05/10	25.1.2010/MS/58			0		M	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B33		Playmarket Viaduct - Existing ground conditions - CH	31/05/2010	15/06/10	25.1.2010/MS/58			0		M	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B34		Playmarket Viaduct - Section SB - Cant Highway	10/05/2010	18/06/10	25.1.2010/MS/58			0		M	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B35		Playmarket Viaduct - Existing G1, Cable and Orange Pipe	10/05/2010	18/06/10	25.1.2010/MS/58			0		M	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B36		Notified Dependent due to the issue of SCS Design programme V65	10/06/2010		25.1.2010/MS/58			N/A		M	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B37		Notified Dependent due to the issue of SCS Design programme V65	10/06/2010		25.1.2010/MS/58			N/A		M	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B38		Section 3 Drainage (Scottish Water) Approvals cleared	10/06/2010	13/07/10	30.1.10/MS/58			0		M	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B39		Murray Field drainage revised layout	10/06/2010	13/07/10	30.1.10/MS/58			0		M	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B40		Provisional Sum - Network Rail Possession Start	23/06/2010	10/06/2010	25.1.2010/MS/58			0		M	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B42		Final Construction at Russell Road Bridge		25/05/2010	25.1.2010/MS/58			0		M	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
							271	85	376	186			3,652,421	46,090,241	11,303,930	352,527	61,430,019	615,707	3,601,970	7,580,689	73,288,182	22,170,857	51,117,225				19,101,015			

- Notes
- 1 - Change Type
 - 2 - Intra-Change
 - 3 - Inter-Change
 - 4 - Accommodation Works Change
 - 5 - Qualifying Change in Law
 - 6 - Network Expansion
 - 7 - Labour & Landfill Tax Fluctuations
- Pricing
- 1 - Schedule of Rates
 - 2 - Fair Rates and Prices
 - 3 - Actual Cost
 - 4 - Other
- Allocation of Cost
- DPS - Defined Professional Sum
 - VPS - Undeclared Professional Sum
 - VE - Value Engineering
 - FVE - Further Value Engineering
 - N/A - None of the above

10.8 Organisation Charts



**EDINBURGH TRAM NETWORK
 INFRACO ORGANISATION CHART**
 REV30 01/07/2010

BSC Infraco Consortium Office
 9 Lochside Avenue
 Edinburgh
 EH12 9DJ

ETN – Edinburgh Tram Network

Working Chart
 Execution Phase
 SPM: Siemens Project Management
 ETN(SPM\$MG&ABB#050486
 Rev J 01.07.2010

Fenella Watson
 Team assistent
 SPM
 +44 [REDACTED]

Miguel Berrozpe
 Project Director
 SPM
 +44 [REDACTED]

Alfred Brandenburger
 Commercial Director
 SPM
 +44 [REDACTED]

Ineke van Klaveren Quality Manager SQM [REDACTED]	Gary Roper HSEQ Manager SRS [REDACTED]	Mathias Hecht Scheduling SPC [REDACTED]	Frank Wenzel Infrastruct., Docu- & Change Mgmt SDO/SCC + [REDACTED]	Axel Eickhorn Deputy Commercial Mgm/ Comm mngr DWE. SAD [REDACTED]	Thomas Schwanse Commercial Mgm. TRW SAD [REDACTED]	Patrick Scully (ext) Contract Manager SCO +4 [REDACTED]	Neil Hibbert Finance & Commercial Management SAD [REDACTED]	Susanne Fersch Logistic Officer SAD +4 [REDACTED]	Christiane Thureau Back office support SPM +4 [REDACTED]
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Frank Wenzel Requirement Management [REDACTED]	Michael Wilken Systems Engineer System coordination SE [REDACTED]	Kenny Hughes Site services & Co-ordination Manager [REDACTED]	Klaus Dieker Trackwork Manager TRW +4 [REDACTED]	Goeran Wendt Project Manager REL [REDACTED]	Tony Wright Engineering Manager COM/SCADA [REDACTED]	Steffen Roehner SIG/TEL/SCADA Project Manager SIG [REDACTED]	Norbert Wunder DWE Project Manager DWE + [REDACTED]	Brian Sutherns TLC Manager TLC +4 [REDACTED]
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N.N Installation Manager [REDACTED]	N.N. Testing and Commisisioning Manager [REDACTED]	Gary Bromley On-shore eng Mngr/Site mngr REL OLE/TPS +4 [REDACTED]	Sven Abst Overhead Contact Line Manager OCL [REDACTED]	Nigel Baskerville Engineering Manager COM/RA [REDACTED]
--	--	--	--	---

Norbert Wunder Rolling Stock Interface Manager + [REDACTED]	John Riley System Assurance / RAMS SRS [REDACTED]	Wolfgang Braun Immunsation EMC/Earthing Bonding SE [REDACTED]
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Legend

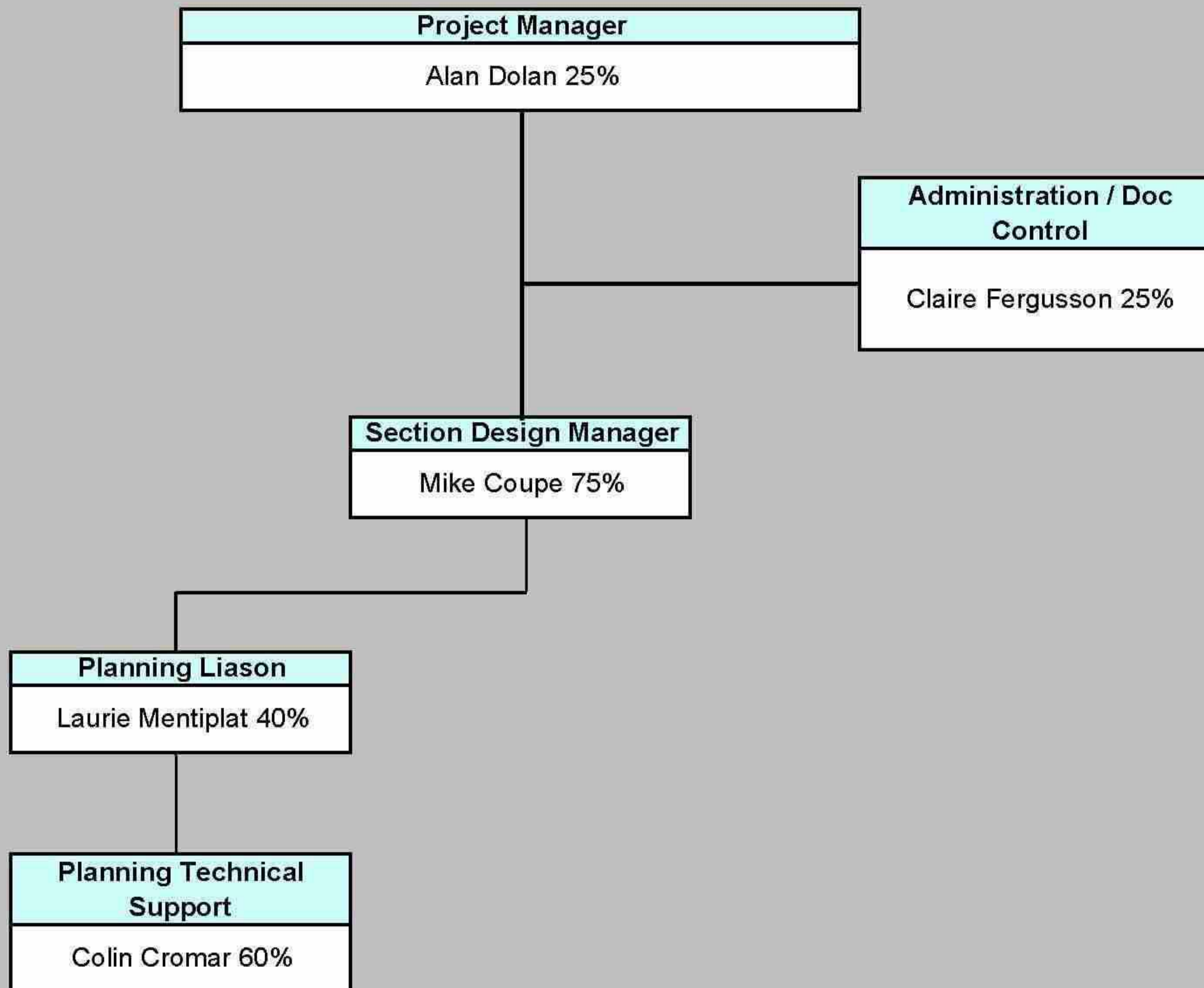
[Solid Box] Location Edinburgh

[Dashed Box] Not located in Edinburgh

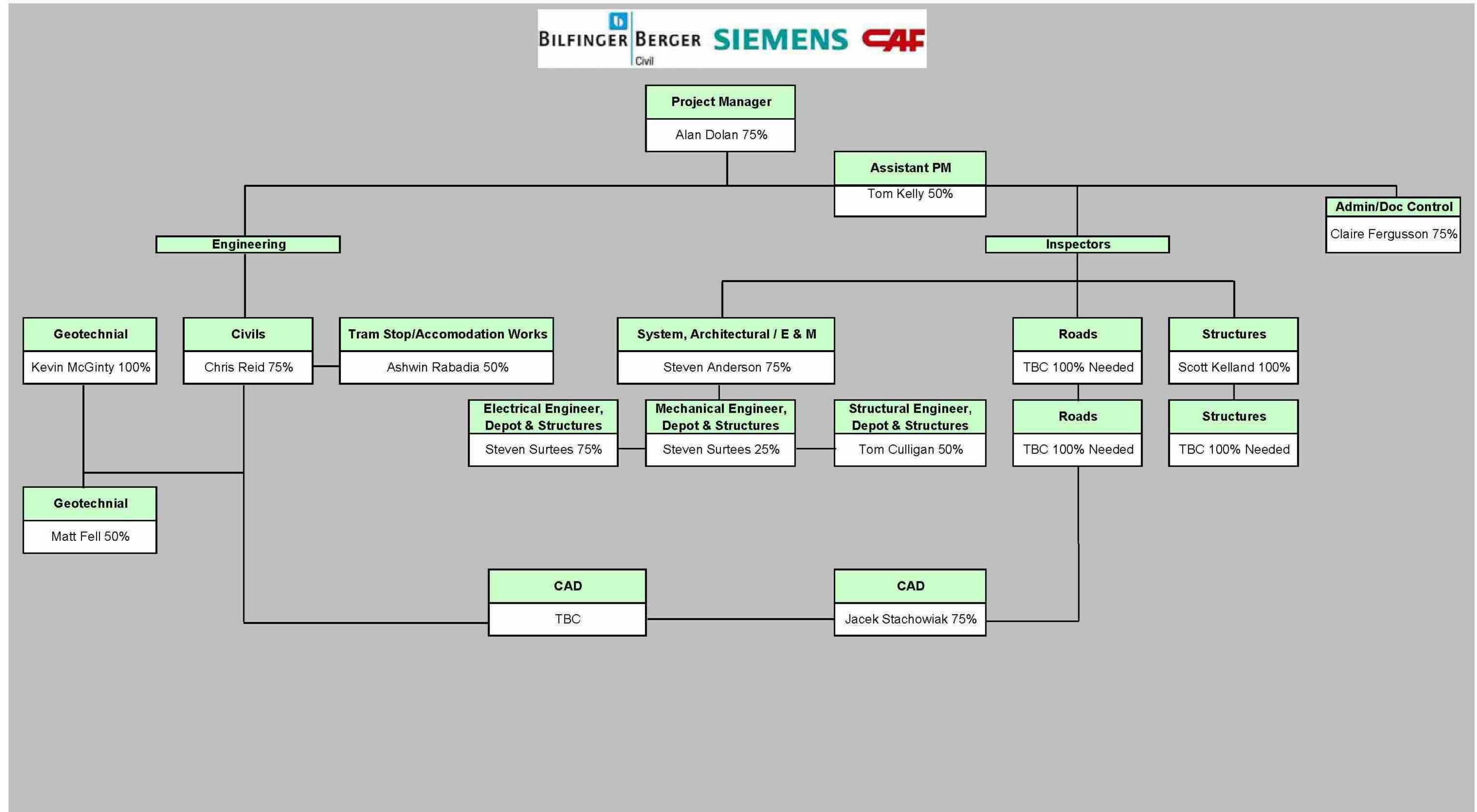
Bernd Nieswand
 DWE Installation &
 Commissioning
 Manager
 +4 [REDACTED]

Approved: Berrozpe, Flynn
 Checked: Brandenburger, Frenz
 Prepared: van Klaveren
 File: ETN(SPM\$MG&ABB#050486_J.vsd
 Valid as of: 01.07.2010

10.9 Development Workshops



Extended Construction Support Services - For The Period 18th July 2010 up to 14th August 2010



BFB00003291_0303

Bilfinger Berger – Siemens – CAF Consortium

10.10 Issues and Concerns

Not Applicable