



For The Attention of Martin Foerder
Project Director
Bilfinger Berger Siemens CAF Consortium
9 Lochside Avenue
Edinburgh Park
Edinburgh EH12 9DJ

Our Ref: INF CORR 4487

Date: 19th March 2010

Dear Martin,

**Edinburgh Tram Network- Infraco Contract
Clause 80.13 Instruction**



You are instructed to commence, carry out and complete the following works with due expedition. In the event that the any item of the said works is, becomes or is alleged to be the subject of a **tie** Notice of Change, an Infraco Notice of **tie** Change, a **tie** Change Order or a Mandatory **tie** Change Order, at any time, this instruction will be deemed to have been given and shall operate for such works pursuant to Clause 80.13.

We remind you that pursuant to Clause 106, this Agreement constitutes an entire Agreement and in particular refer you to the terms of Clause 34.1 regarding your compliance with instructions from **tie's** Representative.


Yours sincerely,


Steven Bell
Project Director – Edinburgh Tram

Enc:

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INTC No	Description
63	Tensioning of overhead contact system
65	Murrayfield - Patterned Finish
66	Revised specification- RBS Gogarburn Tramstop
67	Provide second access stair, Murrayfield Tramstop
78	Alterations to design of Edinburgh Airport
79	Haymarket Junction Re-Design
80	CEC requesting change to finish of Gogarburn Retaining wall
81	CEC requested using 42 watt pit lamp (Bat Lighting)
88B	Ingliston park & Ride Sub-station Ductwork
89	Balfour Street Crossing
92	Re-design Russell Road retaining Wall to avoid clash with exg sewer
96	Amendments to Shandwick Place Design
97	Balgreen Road Bridge Technical Design
102	Section 5C - Gogar Church & Gogar Castle
103	Change to IFC Drgs - A8 Underpass
106	Change to IFC Drgs - Murrayfield Stadium Retaining Wall
107	Change to IFC Drgs - Bankhead Retaining Wall
108	Change to IFC Drgs - Gyle Stop Retaining Wall
109	Change to IFC Drgs - Murrayfield Underpass
110	Change to IFC Drgs - South Gyle Access Bridge
113	Change to IFC Drgs - Russell Road Bridge
114	Change to IFC Drgs - Roseburn Viaduct
116	Change to IFC Drgs - Water of Leith Bridge
117	Demolition to Roseburn Rd retaining wall / units / garages
120	IFC Drawings Demolition and Reinforcing of existing building for Leith Walk Sub Station
123	Forthports agreement and design completion
134	Lighting columns to be relocated at A8 Underpass
135	Balgreen Road - Demolition of Railway Structure
136	Section 1C - Picardy Place
138	Redesign Water of Leith Bridge Foundations
145	Additional work arising from CEC's additional comments on Section 5C technical approvals
146	IFC Drawings for Russell Road Retaining Wall 4 (Contamination)
146B	IFC Drawings for Russell Road Retaining Wall 3
147	IFC Drawings for Murrayfield Training Pitches
148	IFC Drawings for Balgreen Road Tram Bridge
152	IFC Drawings - Vertical & Horizontal track alignment sheets for Section 5
153	IFC Drawings - Soft Landscaping sheets for section 5
154	IFC Drawings - OLE sheets for section 5
155	IFC Drawings for Gogarburn Retaining Walls 15A, 15C & 14D
156	IFC Drawings for Section 5 Tramstops - Balgreen, Saughton, South Gyle & Edinburgh Park
158	Provisional Sum - Crew Facilities at Haymarket Station Viaduct
160	IFC Drawings for Edinburgh Park Bridge
163	Haymarket Taxi Stance
172	Traffic Modelling - Pedestrian Crossing Timing Standards
180	Reduced land available at Murrayfield
182	Edinburgh Tramstop Kiosk

INTC No	Description
189	Leith Walk Utilities
197	Cyclepath near gyle tramstop
198	Gogar Roundabout Lighting
199	IFC Drawings - Balgreen Bridges S22A/S22B
200	IFC Drawings - Saughton Bridge
201	IFC Drawings - Depot Access Bridge
203c	IFC Drawings - External Hard landscaping
203f	IFC Drawings - Soil Nailing
203h	IFC Drawings - Drainage
203K1	IFC Drawings - Depot (Introduction of piling to OLE bases)
203K2	IFC Drawings - Depot (Increase in number of OLE bases)
203M	Gogar depot gas connections
203L1	IFC Issue of Drawings for Reinforcement to Pit Walls
203L2	IFC Issue of Drawings for Edge Beam Reinforcement Changes
203L3	IFC Issue of Drawings for Introduction of Waterproof Concrete
203Q	Section 6 - IFC Drawings for Earthing and Bonding
203R	Section 6 - IFC Issue of Drawings for Siemens Additional Containment
203S	Section 6 - Change to Kaba Doors
203T	Section 6 - Change to Sub-station slab
203U	Section 6 - Smoke vents
203V	Section 6 - Change to Drainage Rev 6
203W	Section 6 - Change to Blockwork Reinforcement
204	IFC Drawings - Section 5B Highways
205	IFC Drawings - Section 5C Highways
206	IFC Drawings - Section 5B Bankhead Tramstop
209	IFC Drawings - Balfour Street / MacDonald Road Tramstops
210	IFC Drawings - Roads, St Lighting, Landscaping, Drainage, section 1B
211	IFC Drawings - Haymarket Tramstop, Section 2
212	IFC Drawings - Roads, St Lighting, Landscaping, Drainage, section 2A
213	IFC Drawings - Haymarket Terrace Substation
215	Demolition and Alteration at Leith Walk Bus Depot
226	Operational design review of Haymarket
227	Operational design review of Depot b
228	Relocation of Busstop outwith LOD
231	IFC Drawings - Section 1C Drainage
232	IFC Drawings - Section 1C Roads
233	IFC Drawings - Section 1C Lighting
236	Outfall at the airport
239	Additional Trial Holes at Ch 145 - 160 (Section 1B)
240	Removal and reinstatement of BT Phone Box
251	IFC Drawings - Section 1C OLE Layout
252	IFC Drawings - Section 1C Track Horizontal Alignment
253	IFC Drawings - Section 1C Track Vertical Alignment
255	IFC Drawings - Section 1C, 1D - Princes St Central Reservation
261	IFC Drawings - Balfour St Tram Stop
262	IFC Drawing Change - Section 5B Track Drainage
263	IFC Drawings - Victoria Dock Bridge
264	Section 1A - 4 Groundworks
267	Scottish Water Diversion - Gogar Roundabout

INTC No	Description
270	RBS Tramstop, Diversion of LV Power/Water
277	Airport Canopy tie in options
278	Wider Area Modelling Proposals
281	Revised Proposals for Cathedral Lane Substation
283	Edinburgh Park Bridge (S27) - Pier 3 Base Formation
287	Forth Ports Traffic Signal - Section 1A4 - Widened Crossing Required
288	Deviation Road Rail Vehicle Payload
290	CAF - Air Supply
291	CAF - Lifting System
292	Additional Ramp / Steps at Lindsay Road Retaining Wall
301	Diversionary route from Princes Street to George Street / Queen Street
302	Protection of live utilities at Russell Road Bridge during construction
306	Discovery of Underground structure on Leith Walk
310	Gogar Landfill Scottish Water Utility Diversion
311	IFC Drawings - Section 1A
312	IFC Drawings - Leith Walk
313	IFC Drawings - Section 7, Soft Landscaping
314	IFC Drawings - Horizontal / Vertical Alignment
316	IFC Drawings - Section 1D, IFC Drg Changes
317	Earthwork quantity variances between IFC Trackwork drawings and IFC MX Data
319	Shandwick Place TRO Signage
320	Proposed CEC Changes to demarcation requirements
329	Section 1B - Breakout Foamed Concrete Backfill
335	IFC Drawings - 5C Track Drainage
359	Haymarket Junction - Underground Chamber at Clifton Terrace
366	Water Ingress Gogarburn East Abutment
368	Demolish all Structures on Plots 97 & 102 near Roseburn Street
374b	Gogar Landfill Surcharges and monitoring
374c	Gogar Landfill Soil Nailing & Reinforced Earth
375	Revise OLE founds and layout section 1
376	Revise OLE founds and layout - line 2
377	Amend SDS Design documents
378	OHLE Building fixing loads and locations
379	Combined OLE Lighting Poles
380	OHLE Fixings at Depot Access Bridge
381	Charlotte Square West End - On Parking
382	Bus Gate at Shandwick Place
384	Saturn Studs at George Street and Frederick Street
391	Access to Leith Walk from 19/3/09
397	IFC Changes to Series 600 Earthworks Specification
398	IFC Changes to Series 1700 Concrete Specification
400	Bicycle Provision at Haymarket Steps
404	Section 5D - Drainage Ditches
405	Additional Retaining wall at Tower Bridge Pumping Station
406	Gogar Depot Earthworks - North Boundary Drainage Design
408	IFC Changes to Ductwork Specification
411	Trackform changes section 5
412	Depot Floor - Pit for manual bogie turntable
415	Pumping Station at Depot

INTC No	Description
424A	IFC Drawing - Section 7 HRL Drawings Road Layout Scheme
424B	Gogar Farm Road Layout
424C	Ingliston Park & Ride Tram stop access and Car Park
424D	Junction 210 traffic signals (additional civil works)
424E	Glasgow Road footway realignment
440	Utility conflicts within 1.2m clearance Zone
441	Site wide contaminated land and materials (SHEENA)
442	IFC Drgs - 5A Track Drainage
447	Revised OLE location due to Scottish Power Installation
448	Street lighting Haymarket Terrace
450	BAA New Burnside Road Alignment
451	Stage D drawings for Tramstops
452	West depot entry / exit turnout
454	Section 1 C Lothian Road Junction
456	Road constructon - re-use of existing kerbs
458	Revised Junction Layouts - Section 1A
461	Forth Ports Substation re-design
463	Forth Ports Drainage Approval
464	Gogarburn Retaining Walls W14 and W15
465	CCRC Walkway Interface
467	BAA Drainage at depot
468	Underground Chamber - West Maitland Street
470	Re-location of access steps- 33 Ocean Drive
471	Section 5B - IFC issues of drawings cable routes and ducting
473	Construction of 3nr Sewer Protection Slabs / New Chamber - Lindsay Road
478	Issues to close out CEC Roads TAA Sign Off
479	Sewer lining at Water of Leith Bridge
480	IFC Drawings - Airport flood prevention measures
484	Section 7 Culvert 1 Excavation below Formation Level
485	Manderston street - operational track cross over
487	Gogar depot south embankment reinstatement and water supplies
489	Piling Obstructions at Guided Busway
491	Cabling at Tower Place Bridge
492	IFC Drawing Haymarket Depot Car park
493	IFC Drawings Murrayfield Stadium Tramstop
494	Section 5A - IFC issues of drawings cable routes and ducting
495	Section 5C - IFC issues of drawings cable routes and ducting
496	Section 1A - IFC issues of drawings cable routes and ducting
498	Bus lane & Tram lane only zones - system wide
499	Frederick St Pedestrian Crossing
500	Alternative Design for North side of Picardy Place
501	RBS Tramstop Futureproofing Works
503	Trackside Signage
504	Additional Lighting Columns at Carrick Knowe Bridge
506	Removal of Obstructions at Russell Road Bridge
509	OLE Pole Modifications / Supply of Finials
510	Section 7 - IFC issue of drawings Cable Routes and Ducting Layout
512	Compressed Air Supply

INTC No	Description
513	IFC chnages to kerbs, footways, cycleways, laybys, busbays and paved areas specification
514	IFC Changes to Road Restraint Specification
516	IFC Changes to Road Markings & Stud Specification
518	Removal of Asbestos - RRRW - W4
519	Reduced scope - St Andrews Square
521	Disaster Recovery Centre
522	Trackform design at Letih Walk Railway Bridge
523	A8 Underpass support & protect BT apparatus
524	Leith Walk interface with BT apparatus diversions & impact on restarting Leith Walk
527	Network Rail Access Road
528	IFC Drgs - Roads, Street Lighting, Drainage Section 5A
529	Gogar Landfill profile design
537	Noise and vibration works arising from the study carried out under INTC 438
539	Edinburgh Airport OLE Foundations
540	Edinburgh Airpport Platform Changes
541	Edinburgh Airport CEC Changes
542	Section 1B - Cundy Works
543	Transyt & Linsig Modelling
544	Additional Parapet Upstand on Deck of Carrick Knowe Bridge
545	Removal of 4nr bus Shelters
546	Drainage Conflicts
547	Power Conenctions to substation - Gogar Depot
549	Section 1D street lighting
552	Section 5A Viking Yards car park alterations
554	Edinburgh Airport CCRC walkway earthing & bonding
555	Section 5B Busgate existing services
557	South Gyle Access Bridge, existing sewer diversion
558	South Gyle Access Bridge, traffic management
560	Grouting of Existing Sewer - A8 underpass
562	New lighting scheme for gogarburn roundabout
565	Murrayfield Tramstop
566	Traffic Island at Princess St
568	Topographical survey at Scotrail Depot