Legally privileged and FOISA exempt

EDINBURGH TRAM NETWORK - INFRACO CONTRACT
ESTIMATED COST OF WORK TO COMPLETE AS AT END FEB-11

보는 기는 전 전에 전에 보고 있는 것이 되었습니다. 이 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전		WWW.	1 10000	A SENTAL PROPERTY OF THE PROPE
	Contra	ict Sum	CS Est of Cost of Worl	ς to Complete
Civils Works				
Preliminaries Construction Works	52,755,022 82,125,313)3	10,999,477 61,108,206	72,10
Siemens Works				5)
Preliminaries Design Construction Works	25,547,050 12,763,273 58,606,683		22,998,625 10,210,618 54,130,370	
Value Engineering		96,917,006		87,33
Sub-totals		219,162,335		159,44
Defined Provisional Sums Undefined Provisional Sums	11,434,316 8,011,012		5,945,949 5,748,562	11,694
		19,445,328 238,607,663		171,14
Sub-totals SDS Price SDS Prov Sum - Extended Construction Support SDS Prov Sum - Design Team Support		3,308,815 1,000,000 675,000		1,000
Sub-totals		243,591,478		172,14
Design and risk completion allowance (3%) (on civils works only)				2,163
Inflation (0.9%)				1,549
Sub-totals		243,591,478		175,85
CAF 08A Tram Supply Contract		55,781,634		9,11:
Maintenance Infraco Maintenance Mobilisation BBUK Siemens		1,782,292		1,51
Tram Maintenance Mobilisation CAF		2,275,806		2,27
Infraco Spare Parts Infraco		1,013,090		1,010
Totals		304,444,300		189,77

Comments
Est cost based on 22% of remaining civils and provisional sums only Est Cost to Complete based on attached summary sheet
Est Cost to Complete based on attached summary sheet
Assumes value engineering has been incorporated within the CSL measures
Est Cost to Complete based on attached summary sheet
Allowance only for completing design pending further clarity on status of design work to date
Est cost based on balance of Contract Sum Amount not yet certified
Est cost based on balance of Contract Sum Amount not yet certified
Est cost based on balance of Contract Sum Amount not yet certified Est cost based on balance of Contract Sum Amount not yet certified

EDINBURGH TRAM NETWORK - INFRACO CONTRACT ESTIMATED COST OF PROVISIONAL SUMS TO COMPLETE AS AT END FEB-11 DEFINED PROVISIONAL SUMS

ltem Ref	Description
	pumped surface water at A8 underpass
2	Scottish Power connections
3	relocation of Ancient Monuments
4	additional cost of Network Rail compliant ballast
5	revised realignment of road junctions
6	extra over for major utility diversions
7	extra over for shell grip at junctions
8	allowance for SP connections to street lights and traffic signals
9	demolition of existing Leith Walk substation
10	Urban traffic controls
11	SP connections to Phase 1a substations
12	Various Forth Port requirements
13	Forth Ports requirements at Ocean Terminal amendments
	Totals

PROVISIONAL SUMS					
Value	Est to Complete				
100,000	0				
750,000	750,000				
53,700	O				
300,000	0				
3,340,324	0				
3,000,000	2,250,000				
319,343	O				
115,287	115,287				
55,662	55,662				
2,500,000	1,875,000				
400,000	400,000				
150,000	150,000				
350,000	350,000				
11,434,316	5,945,949				

Assumed included in CSL measure	
Assumed included in value of additional wo	rks
Assumed included in CSL measure	
Assumed included in CSL measure and ad	dittional works
Est based on 75% of original sum - assuma	ed partly included in additional works
Issumed included in CSL measure	
est based on 75% of original sum - assume	ed partly included in additional works

undefined provisional sums

tem lef	Description
1	Accommodation Works
2	Minor utility diversions
3	PICOPS/COSS/Possession Protection Staff support
4.	Archaelogical officer
5	Additional Crew Relief Facilities at Haymarket
6	Urban Traffic Controls (wider area impacts)
7	Forth Ports requirements for by pass road
8	Forth Ports requirements for Lindsay Fload works
9	RBS requirement for Gogarburn Tramstop
	Totals

PROVISIONAL SUMS					
Est to Complete	Value				
0	1,000,000				
562,500	750,000				
755,307	755,307				
405,755	405,755				
0	49,950				
1,875,000	2,500,000				
400,000	400,000				
1,750,000	1,750,000				
0	400,000				
5,748,562	8,011,012				

Comments
Est based on 75% of original sum - assumed partly included in additional works
Assumed included in CSL measure Est based on 75% of original sum - assumed partly included in additional works
Assumed included in CSL measure

ESTIMATED COST OF SIEMENS WORK TO COMPLETE AS AT END FEB-11

ESTIMATED COST OF SIEMENS WORK TO COMPLETE AS AT END FE		t Sums Amounts	Estimated Cost of Work Feb 1	
Section A - Airport to Haymarket (Off Street)				
Preliminaries Design Track and Formation Guided busway track as Tie milestone schedules Saughton Road North to South Gyle Access track as Tie	619,278 1,157,765 18,828,201		557,350 926,212 15,990,094	
milestone schedules materials on site say Depot Depot trackwork as Tie milestone schedules	5,330,320		4,543,382	
Depot works as Tie milestone schedules Supervisory Control and Comms Systems Tramstop Equipment OHL & Sub-stations	1,581,699 841,640 10,031,474		1,581,699 841,640 10,031,474	34,471,85
Section B - Haymarket to Newhaven (On Street)				
Preliminaries Design	125,607 0		119,327	
Track and Formation Princes Street Track as Tie milestone schedules Supervisory Control and Comms Systems Tramstop Equipment OHL & Sub-stations	9,282,200 1,612,356 768,499 5,664,900		8,430,932 1,612,356 768,499 5,664,900	16,596,01
System Wide Works				
Preliminaries Design Tram Supply/Detection Equipment Testing and Commissioning Supervisory Control and Comms Systems Spares Third Party Works	24,802,165 11,605,508 1,058,276 40,751 3,492,980 45,878 27,509		22,321,949 9,284,406 1,058,276 40,751 3,492,980 45,878 27,509	36,271,74
Totals		96,917,006		87,339,61
Summary				
Preliminaries Design Tram Supply Testing Track Formation Depot Supervisory Control and Comms Systems Spares Third Party Works Tramstop Equipment OHL & Sub-stations	25,547,050 12,763,273 1,058,276 40,751 28,110,401 5,330,320 6,687,035 45,878 27,509 1,610,139 15,696,374		22,998,625 10,210,618 1,058,276 40,751 24,421,026 4,543,382 6,687,035 45,878 27,509 1,610,139 15,696,374	
Totals		96,917,006		87,339,61
				and the second

st cost based on 90% of Contract Sum to reflect extent of work to complete	
st cost based on 80% of Contract Sum to reflect extent of design work to complete	
st cost based on balance or works to complete alue Tie completed and partially completed milestone amounts (£863,256)	
alue Tie completed and partially completed milestone amounts (£1,474,851)	
alue previously included for track stored at Depot and at Edinburgh Park (£500,000) at cost based on balance or works to complete	
alue Tie completed and partially completed milestone amounts (£273,073) alue Tie completed and partially completed milestone amounts (£513,865)	
st Cost based on original contract sum amount	
st Cost based on original contract sum amount	· ·
st Cost based on original contract sum amount	
st cost based on 95% of Contract Sum to reflect extent of work to complete	
st cost based on balance or works to complete	
alue Tie completed and partially completed milestone amounts (£851,268)	
st Cost based on original contract sum amount st Cost based on original contract sum amount	
st Cost based on original contract sum amount st Cost based on original contract sum amount	
st cost based on 90% of Contract Sum to reflect extent of work to complete	
st cost based on 80% of Contract Sum to reflect extent of design work to complete	

ESTIMATED COST OF CIVILS WORKS TO COMPLETE AS AT END FEB-11

	550 550			THE RESERVE OF THE PERSON OF T	Comments
■6 	Tin I to Construction	- Milostono Amounto	Estimated Cost of	Work to Complete at	
3 3 ***	HE LU CONSTRUCTION	n Milestone Amounts	End I	Feb 11	
				T	
onstruction Work Carried Out					
01 Newhaven Road to Haymarket					
01A Newhaven Road to Foot of the Walk					
Trackwork CH 0 - 265	195,918		195,918		
Trackwork CH 265 - 425	118,290		118,290		
Trackwork CH 425 - 475	36,965		36,965		
Trackwork CH 475 - 600	92,414		92,414		
Trackwork CH 600 - 700	73,165		73,165	120	
Trackwork CH 700 - 850	110,897	E a	110,897	.E.	
Ocean Terminal CH 850 - 1080	170,041		170,041	1	
OT to Rennies Isle CH 1080 - 1410	243,974 247,477		243,974 347,477	2 ■ 21 4A	
RI to Casino Square CH 1410 - 1850 CS to Baltic Street CH 1850 - 2110	347,477 192,219	F .	192,219	4	
BS to Queen Charlotte Square CH 2110 - 2340	170,041		170,041		
QCS to Foot/Walk CH 2340 - 2730	288,331		288,331	A .	
Lindsay Road Retaining Walls (W1) (Structures)	1,468,331		814,189	7	
Newhaven Road Tramstop	258,466	E	258,466		Est Costs based on balance of Tie milestone amounts not completed
Leith Sands Substation	166,039	E E	166,039		
Victoria Dock Entrance Bridge	680,839		680,839	•	
Tower Place Bridge	1,676,205	C.	635,017		
Ocean Terminal Tramstop	258,492	i e	258,492	1	
Port of Leith Tramstop Complitution Street Tramston	258,492 258,492	•	258,492 258,492	- 52.6	
Constitution Street Tramstop Lindsay Road Retaining Walls (W1) (Highways)	258,492 686,958		686,958	T	
Ocean Terminal CH 850 - 1080 (Highways)	185,883		185,883		
OT to Rennies Isle CH 1080 - 1410 (Highways)	266,701		266,701		
RI to Casino Square CH 1410 - 1850 (Highways)	379,847		379,847		
CS to Baltic Street CH 1850 - 2110 (Highways)	185,883		185,883		
BS to Queen Charlotte Square CH 2110 - 2340 (Highways)	185,883		185,883		
QCS to Foot/Walk CH 2340 - 2730 (Highways)	315,192	9,271,435	315,192	7,576,105	
Tower Place Bridge		260,973		260,973	Est Costs based on balance of Tie milestone amounts not completed
TOTTO LILLY					
01B Foot of the Walk to McDonald Rd					
Trackwork CH 0 - 100	76,241		76,241		
Leith Walk CH 100 - 350	192,493		192,493		
Leith Walk CH 350 - 600	192,494		192,494		
Balfour Steet CH 600 - 850	192,493 76,998		192,493 76,998	1	
Pilrig/łona Street CH 850 - 950 McDonald/Brunswick Rd CH 950 - 1250	230,990		230,990	301	
Foot of the Walk Tramstop	233,262		233,262		
Leith Walk Substation	149,659		149,659		Est Costs based on balance of Tie milestone amounts not completed
Balfour Steet Tramstop	233,262		233,262		
Foot of the Walk Highways	126,340		126,340		
Leith Walk CH 100 - 350 (Highways)	315,850		261,129		
Leith Walk CH 350 - 600 (Highways)	315,850		315,850		
Balfour Street (Highways)	315,849		315,849		
Pilrig/Iona Street (Highways)	126,340		126,340 379,010	II	
McDonald/Brunswick Rd (Highways)	379,019	3,157,140	379,019	3,102,418	
01C McDonald Rd to Princess St West					
Leith Walk CH 0 - 375	378,391		378,391		
London Road CH 375 - 450	75,932		75,932		
Piccardy Place CH 450 - 700	184,118		184,118		
York Place CH 700 - 850	151,356		151,356		
York Place CH 850 - 1000	151,356		151,356		
St Andrews Sq to Waverley Bridge	362,511		362,511		
McDonald Road Tramstop	152,433		152,433		
Piccardy Place Tramstop	152,433		152,433		Est Costs based on balance of Tie milestone amounts not completed
Cathedral Substation	155,729		155,729 1 524	· · · · · · · · · · · · · · · · · · ·	
Princess Street West Tramstop St Andrews Sa tramstop	152,433 152,433		1,524 152,433		
St Andrews Sq tramstop Leith Walk CH 0 - 375 (Highways)	1,016,613		1,016,613		
London Road CH 375 - 450 (Highways)	203,323		203,323		
York Place CH 700 - 850 (Highways)	406,645		406,645		
York Place CH 850 - 1000	406,645		406,645		
St Andrews Sq to Waverley Bridge	975,948	5,078,298	975,948	4,927,390	
	The state of the second st	>>			

ESTIMATED COST OF CIVILS WORKS TO COMPLETE AS AT END FEB-11

IMATED COST OF CIVILS WORKS TO COMPLETE AS AT END FEB	3-11				
			Estimated Cost of Work	to Complete at	Comments
	Tie Ltd Construction N	Milestone Amounts	End Feb 1	- PA	
01D Princess St West to Haymarket Lothian Road Junction CH 440 - 280	77,863		63,380		
Princes Street CH 280 - 0, 1980 - 1360	437,982		12,892		
Haymarket CH 1250 - 1125	60,569		60,569		
Torphicen Street CH 1125 - 940	90,029		90,029		
West Maitland CH 940 - 850	43,798		43,798		
Shandwick Place CH 850 - 440	199,525 427,219		199,525 427,219		Est Costs based on balance of Tie milestone amounts not completed
Shandwick Place Tram Stop Lothian Road Junction CH 440 - 280 (Highways)	139,764		18,692	-2	
Princes Street CH 280 - 0, 1980 - 1360 (Highways)	786,176		7,862		99
Haymarket CH 1250 - 1125 (Highways)	109,188		109,188		
Torphicen Street CH 1125 - 940 (Highways)	161,603		161,603		
West Maitland CH 940 - 850 (Highways)	78,617 358,147	2,970,480	78,617 358,147	1,631,521	
Shandwick Place CH 850 - 440 (Highways)	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	2,570,700			*
02 Haymarket Corridor					
Site clearance and accommodation works	68,346		68,346		
Earthworks	258,500		180,939		
Soft ground, starter and capping Soft landscaping	20,000		20,000		
Highway works	469,000		348,255		
Drainage	344,400		172,196		
Cable routes and ducting	315,200		312,250) (#1);
OHLE bases	193,400		147,600 151,900	9 2 6	
Tramstops Trackform	151,900 672,000		672,000		
Crew Relief Facilities	113,800		113,800		
Substations Civils Works	69,500		69,500		
S19 Haymarket Viaduct (inc W21)	1,053,000		306,127	0.000.040	
S20 Russell Road Bridge	817,700	4,546,746	817,700	3,380,613	
05A Roseburn Junction to Balgreen Road					
Site Clearance Boundary and Accommodation Works	314,516		314,516		
Highways and Roads	431,635		409,328		
OHLE bases	181,613	•	181,613 44,810		
Soft Landscaping Excavation and Earthworks	57,843 839,645		839,645		
Trackform	719,200		719,200		
Drainage	367,728		355,420		
Balgreen Sub-station	71,508		71,508		
Tramstop	983,095		983,095 344,001		
Ducting S21A Roseburn Street Viaduct	344,001 2,149,925		2,149,925		
S22A Balgreen Tram Bridge	396,090		396,090		
S22B Balgreen Road Access Bridge	86,097	EF.	86,097		
S21B Murrayfield Stadium Retaining Walls	1,597,689		1,597,689		
S21C Murrayfield Underpass	227,411 889,957		227,411 889,957		
S21D Murrayfield Stadium Retaining Walls S21E Water of Leith Bridge	779,283		779,283		
W3 Russell Road Retaining Wall	1,285,429		1,285,429		
W4 Russell Road Retaining Wall	3,721,225		2,025,344		
W8 Baird Drive Retaining Wall	1,065,268		1,065,268		
W9 Balgreen Road Retaining Wall W18 Murrayfield Tram Stop Retaining Wall	324,676 44,227	16,878,061	324,676 44,227	15,134,532	
vv 10 Miditayireid Hairi Gibp Fielenning vvan					
05B Balgreen Rd to Edinburgh Park					
Site Clearance, Boundary and Accommodation Works	129,501		2,880		
Highways and Roads	625,123		456,458 1,272,049		
Earthworks OHLE bases	2,115,518 334,850		296,498		
Soft Landscaping	216,961		195,281		
Trackform	3,675,000		2,142,000		
Bankhead Station	88,351		88,351		
Drainage Transton	2,059,467 1,245,790		1,799,946 1,245,790		
Tramstop Ducting	1,051,033		840,826		
S23 Carrick Knowe Underbridge	956,108		70,576		
S26 South Gyle Access Bridge	1,221,503		1,221,503		
S27 Edinburgh Park Bridge	3,374,187	47 404 700	368,105	10,331,594	
W11 Bankhead Retaining Wall	331,331	17,434,723	331,331	10,001,094	

ESTIMATED COST OF CIVILS WORKS TO COMPLETE AS AT END FEB-11

	Tie Ltd Construction Milestone Amounts	Estimated Cost of Work to Complete at End Feb 11	Comments
O5C Edinburgh Park to Gogarburn Site Clearance Highways and Roads Earthworks OHLE bases Soft Landscaping Trackform Tramstops Drainage Ducting S32 Depot Access Bridge S28 A8 Underpass W19 Gyle Tramstop Retaining Wall	55,650 714,839 1,137,498 263,942 342,916 1,995,000 179,876 839,797 480,257 2,501,607 5,075,454 0 13,586,836	7,240 714,839 1,001,494 250,233 327,022 1,995,000 179,876 778,253 480,257 70,576 2,058,033 0 7,862,823	
Depot Building Depot Power Centre Depot Sub-station Depot Drainage Depot Ducting Service Yard Access Roads Car Parks Trackform Hard Landscaping Soft Landscaping Fencing & Gates Sundries OHLE bases Excavation and Earthworks	4,463,291 195,878 234,675 653,844 317,955 133,745 403,469 118,388 1,520,511 101,079 134,411 263,100 230,666 476,050 2,974,347	58,589 6,322 0 338,112 253,666 65,337 359,579 20,175 615,144 34,630 83,575 165,625 149,400 127,465 0 2,277,619	
O7 Gogar to Edinburgh Airport Site Clearance Boundary and Accommodation Works Eathworks OHLE bases Soft Landscaping Civils Highways and Roads Trackform Ingliston Substation Tramstops Drainage Ducting \$29 Gogarburn Bridge \$30 Culvert 1 \$31 Culvert 2 \$34 Culvert 3 W14 Gogarburn Retaining Walls W15 Gogarburn Retaining Walls	118,120 1,656,032 274,607 206,208 224,434 1,628,000 86,525 560,000 982,665 614,638 760,582 57,211 54,796 66,079 616,995 92,066 7,998,958	17,650 867,083 152,476 34,710 224,434 1,628,000 86,525 560,000 271,159 398,601 38,029 0 0 0 0 339,347 4,603 4,622,617	
Totals	93,405,059	61,108,206	