

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	PRELIMINARIES AND GENERAL ITEMS				
	Contractual Requirements				
A110	Contractor's bond	sum	1.00	£670,742.81	£670,742.81
A120	Professional Indemnity Insurance	sum	1.00	£0.00	£0.00
A130	Marine Cargo Insurance	sum	1.00	£0.00	£0.00
A140	All other insurance required by the Contract	sum	1.00	£881,247.16	£881,247.16
A150	Administration of all insurances required under the Contract including but without limitation Employee's Compensation and Statutory Employee's Compensation Levy.	sum	1.00	£0.00	£0.00
A160	Progress Reporting in accordance with the Contract.	sum	1.00	£0.00	£0.00
	Specified Requirements				
	Accommodation for the Engineer's and Client's Staff; establish and remove				
A211.1	offices	sum	1.00	£44,320.72	£44,320.72
	Accommodation for the Engineer's and Client's Staff for Railway Systems and Operations and Maintenance Departments; establish and handover				
A211.2	offices	sum	1.00	£0.00	£0.00
A211.3	depot office	sum	1.00	£0.00	£0.00
	Accommodation for the Community Liaison Officers; establish and remove				
A211.4	offices	sum	1.00	£0.00	£0.00
	Accommodation for O&M maintenance staffs; establish and remove				
A211.5	container offices	sum	1.00	£0.00	£0.00
	Facilities for the O&M maintenance; establish and handover				
A211.6	diesel fuel station	sum	1.00	£0.00	£0.00
	Accommodation for the Engineer's and Client's Staff; maintain and operate				
A211.7	offices	wk	169.00	£1,023.35	£172,946.73
Prelims and General Items - Page 1					£1,769,257.42

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	PRELIMINARIES AND GENERAL ITEMS				
	Accommodation for the Engineer's and Client's staff for Tram Systems and Operations and Maintenance Departments; maintain and operate				
A211.8	offices	wk			
A211.9	depot office	wk			
	Accommodation for the Community Liaison Officers; maintain and operate				
A211.10	offices	wk			
	Accommodation for O&M maintenance staffs; maintain and operate				
A211.11	container offices	wk			
	Facilities for the O&M maintenance; maintain and operate				
A211.12	diesel fuel station	wk			
	Services for Engineer's and Client's Staff; establish and remove				
A221.1	transport vehicles	sum			
	Services for Engineer's and Client's Staff; maintain and operate				
A221.2	transport vehicles	wk	169.00	£656.90	£111,015.29
	Services for Engineer's and Client's Staff; establish and remove				
A222.1	telephone	sum	1.00	£0.00	£0.00
A229.1	computing and networking facilities	sum	1.00	£0.00	£0.00
	Services for Engineer's and Client's Staff for Tram Systems and Operations and Maintenance Department; maintain and operate				
A222.2	telephone	sum	1.00	£0.00	£0.00
A229.2	computing and networking facilities	sum	1.00	£0.00	£0.00
Prelims and General Items - Page 2					£111,015.29

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	PRELIMINARIES AND GENERAL ITEMS				
	Services for community Liaison Officers; establish and remove				
A222.3	telephone	sum	1.00	£0.00	£0.00
A229.3	computing facilities	sum	1.00	£0.00	£0.00
	Services for Engineer's and Client's Staff; maintain and operate				
A222.4	telephone	wk			
A229.4	computing and networking facilities	wk			
	Services for Engineer's and Client's Staff for Railway Systems and Operations and Maintenance Department; maintain and operate				
A222.5	telephone	wk			
A229.5	computing and networking facilities	wk			
	Services for Community Liaison Officers; maintain and operate				
A222.6	telephone	wk			
A229.6	computing facilities	wk			
	Equipment for use by the Engineer's and Client's Staff; establish and handover				
A231.1	office equipment	sum	1.00	£0.00	£0.00
A233.1	surveying equipment	sum	1.00	£0.00	£0.00
A239.1	photographic equipment	sum	1.00	£0.00	£0.00
A239.2	safety equipment	sum	1.00	£0.00	£0.00
A239.3	audio and visual equipment	sum	1.00	£0.00	£0.00
	Equipment for use by the Engineer's and Client's Staff for Railway Systems and Operations and Maintenance Departments; establish and handover				
A231.2	office equipment	sum	1.00	£0.00	£0.00
A239.4	safety equipment	sum	1.00	£0.00	£0.00
Prelims and General Items - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	PRELIMINARIES AND GENERAL ITEMS				
	Equipment for use by the Community Liaison Officers; establish and handover				
A231.3	office equipment	sum	1.00	£0.00	£0.00
	Equipment for use by the Engineer's and Client's Staff; maintain and operate				
A231.4	office equipment	wk			
A233.2	surveying equipment	wk	169.00	£0.00	£0.00
A239.5	photographic equipment	wk	169.00	£60.64	£10,247.64
A239.6	safety equipment	wk			
A239.7	audio and visual equipment	wk			
	Equipment for use by the Engineer's and Client's Staff for Tramway Systems and Operations and Maintenance Departments; maintain and operate				
A231.5	office equipment	wk			
A239.8	safety equipment	wk			
	Equipment for use by the Community Liaison Officers; maintain and operate				
A231.6	office equipment	wk			
	Attendance upon the Engineer's and Client's Staff; establish and remove				
A241.1	drivers	sum	1.00	£0.00	£0.00
A250.1	testing of materials	sum	1.00	£0.00	£0.00
A260.1	testing of the works	sum	1.00	£0.00	£0.00
	Attendance upon the Engineer's and Client's Staff for Tram Systems and Operations and Maintenance Departments; establish and remove				
A249.1	general cleaning and tea services	sum	1.00	£0.00	£0.00
Prelims and General Items - Page 4					£10,247.64

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	PRELIMINARIES AND GENERAL ITEMS				
	Attendance upon the Engineer's and Client's Staff; maintain and operate				
A241.2	drivers	wk			
A250.2	testing of materials	wk			
A260.2	testing of the works	wk			
	Attendance upon the Engineer's and Client's Staff for Tram Systems and Operation and Maintenance Departments; maintain and operate				
A249.2	general cleaning and tea services	wk			
	Other Specified Requirements				
	General and special attendances for Project Contractors & Third Parties				
A710.1	TRAMCO	sum	1.00	£0.00	£0.00
A710.2	MUDFA	sum	1.00	£0.00	£0.00
A710.3	Advance Works Contractor	sum	1.00	£0.00	£0.00
A710.4	Network Rail	sum	1.00	£0.00	£0.00
A710.5	First Scotrail	sum	1.00	£0.00	£0.00
A710.6	Others (ref Schedule 13)	sum	1.00	£0.00	£0.00
	Environmental requirements and Environmental Monitoring and Assessment Programme; establish and remove				
A790.1	air pollution	sum	1.00	£0.00	£0.00
A790.2	noise pollution	sum	1.00	£0.00	£0.00
A790.3	water pollution	sum	1.00	£0.00	£0.00
	Environmental requirements and Environmental Monitoring and Assessment Programme; maintain, monitor and report				
A790.4	air pollution	wk			
A790.5	noise pollution	wk			
Prelims and General Items - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	PRELIMINARIES AND GENERAL ITEMS				
A790.6	water pollution	wk			
	Other requirements				
A790.7	quality management; establish, remove, maintain and operate	sum	1.00	£0.00	£0.00
A790.8	site cleaning; establish, remove maintain and operate	sum	1.00	£0.00	£0.00
A790.9	compliance of existing trees protection, treatment and transplantation requirements; establish, remove, maintain and operate	sum	1.00	£0.00	£0.00
A790.10	durability requirements; establish, remove, maintain and operate	sum	1.00	£0.00	£0.00
A790.11	reliability demonstration plan, establish, remove, maintain and operate	sum	1.00	£0.00	£0.00
A790.12	instrumentation and monitoring works for all elements of the Works; establish and remove	sum	1.00	£0.00	£0.00
A790.13	instrumentation and monitoring works for all elements of the Works; maintain, monitor, audit and report	wk			
A790.14	independent checking engineer	sum	1.00	£0.00	£0.00
A790.15	building services coordination team	sum	1.00	£0.00	£0.00
	Contractor's Requirements				
	Contractor's design costs	sum	1	£0.00	£0.00
A810.01	develop, complete and design of all outstanding works associated with Onboard Supervisory and Comms Equipment - Item Code A1(1)	sum	1.00	£0.00	£0.00
A810.02	develop, complete and design of all outstanding works associated with Track and Formation - Item Code B1	sum	1.00	£0.00	£0.00
A810.03	develop, complete and design of all outstanding works associated with Tamstops - Item Code B2	sum	1.00	£0.00	£0.00
A810.04	develop, complete and design of all outstanding Architectural Builder's Works and Finishes Works - Item Code B3	sum	1.00	£0.00	£0.00
A810.05	develop, complete and design of all outstanding electrical and mechanical works - Item Code B3	sum	1.00	£0.00	£0.00
Prelims and General Items - Page 6					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	PRELIMINARIES AND GENERAL ITEMS				
A810.06	develop, complete and design of all outstanding structural works - Item Code B3	sum	1.00	£0.00	£0.00
A810.07	develop, complete and design of all outstanding depot maintenance equipment works - Item Code B3	sum	1.00	£0.00	£0.00
A810.08	develop, complete and design of all outstanding highways works - Item Code B4	sum	1.00	£0.00	£0.00
A810.09	develop, complete and design of all outstanding Substation Building works - Item Code B5	sum	1.00	£0.00	£0.00
A810.10	develop, complete and design of all outstanding wayside equipment cabinet works - Item Code B5	sum	1.00	£0.00	£0.00
A810.11	develop, complete and design of all outstanding structure works cabinets - Item Code B6	sum	1.00	£0.00	£0.00
A810.12	develop, complete and design of all outstanding Supervisory and Control Systems works - Item Codes C, C1 and C2	sum	1.00	£0.00	£0.00
A810.13	develop, complete and design of all outstanding Tramstop Equipment works - Item Code C3	sum	1.00	£0.00	£0.00
A810.14	develop, complete and design of all outstanding Depot Equipment works - Item Code C4	sum	1.00	£0.00	£0.00
A810.15	develop, complete and design of all outstanding traction power system works - Item Code D1	sum	1.00	£0.00	£0.00
A810.16	develop, complete and design of all outstanding OHLE works - Item Code D2	sum	1.00	£0.00	£0.00
	Documentation and Manuals				
A810.17	prepare, submit and update Operation and Maintenance Manuals for all Civil and Building works	sum	1.00	£0.00	£0.00
A810.18	prepare, submit and update all Operation and Maintenance Manuals for Onboard Supervisory and Comms Equipment	sum	1.00	£0.00	£0.00
A810.19	prepare, submit and update all Operation and Maintenance Manuals for Track and Formation works	sum	1.00	£0.00	£0.00
A810.20	prepare, submit and update Operation and Maintenance Manuals for depot maintenance equipment	sum	1.00	£0.00	£0.00
Prelims and General Items - Page 7					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	PRELIMINARIES AND GENERAL ITEMS				
A810.21	prepare, submit and update Operation and Maintenance Manuals for all Supervisory and Control systems	sum	1.00	£0.00	£0.00
A810.22	prepare, submit and update Operation and Maintenance Manuals for all Tramstop Equipment	sum	1.00	£0.00	£0.00
A810.23	prepare, submit and update Operation and Maintenance Manuals for all Traction Power systems, equipment and works	sum	1.00	£0.00	£0.00
A810.24	prepare, submit and update Operation and Maintenance Manuals for all OHLE systems, equipment and works	sum	1.00	£0.00	£0.00
A810.25	prepare, maintain and submit necessary as-constructed drawings and survey records	sum	1.00	£0.00	£0.00
A810.26	prepare and submit Manufacturers' Design Warranties for all equipment installed as part of the Tram System	sum	1.00	£0.00	£0.00
A810.27	prepare, submit and update hazard analysis report for depot maintenance equipment	sum	1.00	£0.00	£0.00
A810.28	prepare, submit and update life cycle cost report for depot maintenance equipment	sum	1.00	£0.00	£0.00
A810.29	prepare and conduct training courses on operation and maintenance of depot maintenance equipment	sum	1.00	£0.00	£0.00
A810.30	prepare and conduct training courses on operation and maintenance of all Supervisory and Control Systems	sum	1.00	£0.00	£0.00
A810.31	prepare and conduct training courses on operation and maintenance of all Traction Power and OHLE systems	sum	1.00	£0.00	£0.00
A810.32	prepare and conduct training courses on operation and maintenance of all Tramstop Equipment	sum	1.00	£0.00	£0.00
	Supply, erect and remove on completion				
A821	offices - Main and Satellite	sum	1.00	£0.00	£0.00
A822	laboratories	sum	1.00	£0.00	£0.00
A823	cabins	sum	1.00	£0.00	£0.00
A824	stores and workshops	sum	1.00	£0.00	£0.00
A825	canteens and mess rooms	sum	1.00	£0.00	£0.00
Prelims and General Items - Page 8					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
	PRELIMINARIES AND GENERAL ITEMS				
	Supply, install and remove on completion				
A831	electricity supply	sum	1.00	£0.00	£0.00
A832	water supply	sum	1.00	£0.00	£0.00
A833	site communication facilities	sum	1.00	£0.00	£0.00
A834	temporary drainage and sewage disposal	sum	1.00	£0.00	£0.00
A271	Temporary works				
	The Contractor shall insert hereinafter such temporary works items and sums required to carry out the works under Section B of the Project.				
Prelims and General Items - Page 9					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	PRELIMINARIES AND GENERAL ITEMS				
A271	Temporary works (Cont'd)				
	Prelims and General Items - Page 10				£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	PRELIMINARIES AND GENERAL ITEMS				
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
	The unit of measurement for any Contractor's Other Charges shall be "sum".				
	Consortium Supervision	wk	169.00	£8,559.23	£1,446,509.32
	Consortium Office Hire	wk	169.00	£643.76	£108,795.18
	Consortium Office Maintenance	wk	169.00	£1,883.98	£318,392.37
	Consortium Surveying Instruments Maintenance	wk	169.00	£82.77	£13,988.06
	Consortium IT Equipment	wk	169.00	£971.74	£164,223.33
	Consortium Testing	wk	169.00	£1,943.48	£328,447.64
	Consortium Establish/Remove Offices	sum	1.00	£157,637.77	£157,637.77
	Consortium Establish/Remove Surveying Equipment	sum	1.00	£9,853.43	£9,853.43
Prelims and General Items - Page 11					£2,547,847.09

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	METHOD RELATED CHARGES				
	METHOD RELATED CHARGES				
A	Site management and supervision				
	Sub-Section 1A	sum	1.00	£0.00	£0.00
	Sub-Section 1B	sum	1.00	£0.00	£0.00
	Sub-Section 1C	sum	1.00	£0.00	£0.00
	Sub-Section 1D	sum	1.00	£0.00	£0.00
	<u>The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets</u>				
	BB Section B Preliminaries (Fixed)	sum	1.00	£636,770.13	£636,770.13
	BB Section B Preliminaries (Time Related))	sum	1.00	£1,853,812.54	£1,853,812.54
	SC1 Section B Preliminaries	sum	1.00	Included	£0.00
	SC2 Section B Preliminaries	sum	1.00	£2,868,332.94	£2,868,332.94
	SC3 Section B Preliminaries (Fixed)	sum	1.00	£2,536,622.51	£2,536,622.51
	SC3 Section B Preliminaries (Time Related)	sum	1.00	£2,270,208.00	£2,270,208.00
	SC3 Section B Supervision (Time Related)	sum	1.00	£2,153,869.77	£2,153,869.77
	High Level Section B Establish Sections & Sites (fixed)	sum	1.00	£801,175.04	£801,175.04
	High Level Section B Packages Supervision	sum	1.00	£1,485,223.10	£1,485,223.10
	High Level Section B Maintain Section Offices(Time Related)	wks	169.00	£3,338.23	£564,160.76
Method Related Charges - Page 1					£15,170,174.79

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B1	TRACK AND FORMATION				
	Bill 5 TRACK AND FORMATION 1A				
	TRACK AND FORMATION SUB-SECTION 1A				
	Track and Formation				
	Trackwork - twin track configuration				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
A	Pre-Cast Rail Beams with pre-cast infill Units.	m		£812.67	
B	Direct fixing on Bridges, Viaducts etc.	m		£210.31	
	Trackwork - twin track configuration				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
C	Precast Rail Beams with precast infill units	m		£406.36	
	Extra Over Items				
D	Bonding/earth mats	ITEM		£0.00	
B1 - Sub-Section 1A - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B1	TRACK AND FORMATION				
	Bill 5 TRACK AND FORMATION 1A				
	Points & Points Machines Switches and Crossings Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
A	Turnouts complete including points, tail cables and plug couplers. Turnouts installed in preformed track panels	nr		£179.29	
B	Crossovers complete including points motors, tail cables and plug couplers. Turnouts installed in preformed track panels.	nr		£179.29	
C	Diamonds	nr		£179.29	
D	Buffer stops	nr		£1,947.24	
E	Points Heating	Item		£0.00	
	Drainage				
	Track drainage				
	Track drainage to include gullies and connection into existing drainage system	m		£213.05	
	Cable Routes				
G	Multi way cable duct min cover 750mm	m		£62.07	
H	Multi Way cable duct min cover 750mm	m		£124.14	
I	Draw Pit (code 1586)	nr		£1,565.79	
J	Isolator Pit (Code A 1586)	nr		£1,565.79	
	Fencing and Track Barriers				
K	Segregated track : entirely separate from road corridors ; fencing 1.8m high chain link inc strainers	m		£44.25	
B1 - Sub-Section 1A - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B1	TRACK AND FORMATION				
	Bill 5 TRACK AND FORMATION 1A				
A	Segregated on street track; double ; double keystone paving barrier elevated section.	m		£116.70	
B	Noise barriers	m		£301.75	
	Testing and Commissioning				
C	Testing and commissioning of all Track and Formation works	Sum		£0.00	
	Contractor's Other Charges				
P	BY TRACK INSTALLATION CONTRACTOR	m2		£0.00	
B1 - Sub-Section 1A - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B1	TRACK AND FORMATION				
	SUB-SECTION 1B				
B1	Track and Formation				
B1(1)1	Track				
	Trackwork - twin track configuration				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
001	Pre-Cast Rail Beams with pre-cast infill Units.	m		£928.81	
002	Pre-Cast Track Panels with pre-cast infill Units.	m		£928.81	
B1(1)3	Extra Over Items				
001	Bonding/earth mats	Item			
B1(2)	Points & Points Machines				
	Switches and Crossings				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
001	Crossovers complete including points motors, tail cables and plug couplers. Turnouts installed in preformed track panels.	nr		£0.00	
002	Points Heating	Item		£0.00	
B1 - Sub-Section 1B - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B1	TRACK AND FORMATION				
B1(3)	Drainage				
	Track Drainage				
001	Track drainage to include gullies and connection into existing main carrier drain	m		£66.90	
B1(4)	Cable Routes				
001	Multi way cable duct min cover 750mm (either side of track slab)	m		£23.73	
002	Draw Pit (code 1586)	nr		£52.73	
003	Isolator Pit (Code A 1586)	nr		£125.55	
B1(5)	Fencing and Track Barriers				
001	Segregated on street track; double ; double keystone paving barrier elevated section.	m		£58.66	
B1(7)	Testing and Commissioning				
001	testing and commissioning of all Track and Formation works	sum		£251,108.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector m				
001A	Pre-Cast Rail Beams with pre-cast infill Units.	m		£928.81	
002A	Pre-Cast Track Panels with pre-cast infill Units.	m		£928.81	
B1 - Sub-Section 1B - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B1	TRACK AND FORMATION				
	SUB-SECTION 1C				
B1	Track and Formation				
B1(1)1	Track				
	Trackwork - twin track configuration				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
001	Pre-Cast Rail Beams with pre-cast infill Units.	m		£749.23	
002	Pre-Cast Track Panels with pre-cast infill Units.	m		£749.23	
B1(1)2	Trackwork - single track configuration				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
001	Pre-Cast Rail Beams with pre-cast infill Units.	m		£475.26	
002	Pre-Cast Track Panels with pre-cast infill Units.	m		£475.26	
B1(1)3	Extra Over Items				
001	Bonding/earth mats	Item		£0.00	
B1 - Sub-Section 1C - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B1	TRACK AND FORMATION				
B1(2)	Points & Points Machines				
	Switches and Crossings				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
001	Crossovers complete including points motors, tail cables and plug couplers. Turnouts installed in preformed track panels.	nr		£0.00	
002	Points Heating	Item		£0.00	
B1(3)	Drainage				
	Track Drainage				
001	Track drainage to include gullies and connection into existing main carrier drain	m		£227.01	
B1(4)	Cable Routes				
001	Multi way cable duct min cover 750mm (either side of track slab)	m		£169.48	
002	Multi way cable duct min cover 750mm	m		£169.48	
003	Draw Pit (code 1586)	nr		£2,576.86	
004	Isolator Pit (Code A 1586)	nr		£2,576.86	
B1(5)	Fencing and Track Barriers				
001	Segregated on street track; double ; double keystone paving barrier elevated section.	m		£46.08	
B1(7)	Testing and Commissioning				
001	testing and commissioning of all Track and Formation works	sum		£0.00	
B1 - Sub-Section 1C - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B1	TRACK AND FORMATION				
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector m				
				B1 - Sub-Section 1C - Page 3	£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B1	TRACK AND FORMATION				
	SUB-SECTION 1D				
B1	Track and Formation				
B1(1)1	Track				
	Trackwork - twin track configuration				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
001	Pre-Cast Rail Beams with pre-cast infill Units.	m		£749.23	
002	Pre-Cast Track Panels with pre-cast infill Units.	m		£749.23	
B1(1)3	Extra Over Items				
001	Bonding/earth mats	Item			
B1(2)	Points & Points Machines				
	Switches and Crossings				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
003	Crossovers complete including points motors, tail cables and plug couplers. Turnouts installed in preformed track panels.	nr		£0.00	
006	Points Heating	Item		£0.00	
B1(3)	Drainage				
	Track Drainage				
001	Track drainage to include gullies and connection into existing main carrier drain	m		£227.01	
B1 - Sub-Section 1D - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B1	TRACK AND FORMATION				
B1	TRACK AND FORMATION				
	SUB-SECTION 1D				
B1	Track and Formation				
B1(1)1	Track				
	Trackwork - twin track configuration				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
001	Pre-Cast Rail Beams with pre-cast infill Units.	m			
002	Pre-Cast Track Panels with pre-cast infill Units.	m		£455.80	
B1(1)3	Extra Over Items				
001	Bonding/earth mats	Item			
B1(2)	Points & Points Machines				
	Switches and Crossings				
	Items coverage to include for all works associated with the complete construction of the track form; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector mat, steel reinforcement, precast concrete rail beam, precast infill panel with appropriate surface finish dependent upon location of installation, rails and fixings.				
003	Crossovers complete including points motors, tail cables and plug couplers. Turnouts installed in preformed track panels.	nr		£0.00	
006	Points Heating	Item			
B1(3)	Drainage				
	Track Drainage				
001	Track drainage to include gullies and connection into existing main carrier drain	m		£141.18	
B1 - Sub-Section 1D - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B1	TRACK AND FORMATION				
B1(4)	Cable Routes				
001	Multi way cable duct min cover 750mm (either side of track slab)	m		£32.33	
002	Draw Pit (code 1586)	nr		£1,144.39	
003	Isolator Pit (Code A 1586)	nr			
B1(5)	Fencing and Track Barriers				
001	Segregated on street track; double ; double keystone paving barrier elevated section.	m			
B1(7)	Testing and Commissioning				
001	testing and commissioning of all Track and Formation works	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
B1 - Sub-Section 1D - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	NEWHAVEN TRAMSTOP				
	Tramstops				
	Waiting Shelters				
A	8m Enclosed Shelter on Island platform - Steel Shelter and canopy, with integral lighting	nr		£19,407.96	
	Platforms				
B	Island Platform - Foundations	nr		£5,324.64	
C	Platform Finishes	Item		£32,397.09	
D	Drainage	m		£179.55	
E	Tactiles 400x400x50mm lozenge paving colour grey	m		£31.89	
F	Provision for mobility impaired (Platform Only)	Item		£280.95	
G	Platform Ducting	m		£149.36	
	Access Routes				
H	7m access ramps to island platforms.	nr		£0.00	Included
	Lighting & Signage Lighting Columns Including Foundation.				
I	Lighting column complete on Island Platforms - (twin luminaries)	nr		£1,735.07	
	Cabling				
J	Wiring to columns	m		£10.85	
K	Isolator /power supply	nr		£0.00	
	Name plates				
L	Name plates for Island platforms	nr		£0.00	Included
M	Stop Logo	nr		£0.00	Included
	Ancillary Equipment				
N	Stainless Steel Cycle parking units	nr		£560.76	
O	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£1,716.32	
P	Stainless Steel Perch Seating within Shelter.	nr		£0.00	Included
B2 - Newhaven Road Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	NEWHAVEN TRAMSTOP				
A	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£754.38	
	Equipment Interfaces Interface only, Equipment measured under Item Code C3				
B	CCTV	Item		£143.24	
C	Passenger Help Point	Item		£143.24	
D	Public Address	Item		£143.24	
E	Passenger Information Display	Item		£311.29	
F	Ticket Vending Machine	Item		£311.29	
G	Advertising Panels	Item		£311.29	
H	Stop Phone	Item		£180.77	
B2 - Newhaven Road Tramstop - Page 2					£0.00
	NEWHAVEN TRAMSTOP				
	Platforms Finishes				
M	General plant labour & transport	item		£17,757.67	
N	Traffic Management	item		£2,402.27	
	Drainage connections	item		£2,011.68	
B2 - Newhaven Road Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	Bill 15 OCEAN TERMINAL TRAMSTOP				
	Tramstops				
	Waiting Shelters				
A	8m Enclosed Shelter on Island platform - Steel Shelter and canopy, with integral lighting Gullwing	nr		£19,407.96	
A	8m single cantilever on side platform - Steel Shelter and canopy, with intergral lighting Cantilever	nr		£14,133.63	
	Platforms				
B	Island Platform - Foundations	nr		£5,331.23	
C	Platform Finishes	Item		£65,155.48	
D	Drainage	m		£172.22	
E	Tactiles 400x400x50mm lozenge paving colour grey	m		£31.89	
F	Provision for mobility impaired (Platform Only)	Item		£450.84	
G	Platform Ducting	m		£96.11	
	Access Routes				
H	7m access ramps to island platforms.	nr			Included
	Lighting & Signage Lighting Columns Including Foundation.				
I	Lighting column complete on Island Platforms - (twin luminaries)	nr		£1,735.07	
	Cabling				
J	Wiring to columns	m		£10.85	
K	Isolator /power supply	nr		£0.00	
	Name plates				
L	Name plates for Island platforms	nr		£0.00	Included
M	Stop Logo	nr		£0.00	Included
	Ancillary Equipment				
N	Stainless Steel Cycle parking units	nr		£560.76	
O	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£1,716.32	
P	Stainless Steel Perch Seating within Shelter.	nr		£0.00	Included
B2 - Ocean Terminal Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	Bill 15 OCEAN TERMINAL TRAMSTOP				
A	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£754.38	
	Equipment Interfaces Interface only, Equipment measured under Item Code C3				
B	CCTV	Item		£286.49	
C	Passenger Help Point	Item		£286.49	
D	Public Address	Item		£286.49	
E	Passenger Information Display	nr		£311.29	
F	Ticket Vending Machine	nr		£311.29	
G	Advertising Panels	nr		£311.29	
H	Stop Phone	nr		£180.77	
B2 - Ocean Terminal Tramstop - Page 2					£0.00
	Bill 15 OCEAN TERMINAL TRAMSTOP				
	Platforms Finishes				
	General				
K	General plant transport & labour	item		£30,749.68	
L	Traffic management	item		£2,402.27	
	Drainage connections	item		£3,017.52	
B2 - Ocean Terminal Tramstop - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	Bill 20 OCEAN DRIVE TRAMSTOP				
	Tramstops				
	Waiting Shelters				
A	8m single cantilever Shelter on platform - Steel Shelter and canopy, with intergral lighting. Cantilevered shelter	nr		£14,133.63	
	Platforms				
B	Platform - Foundations	nr		£5,157.08	
C	Platform Finishes	Item		£67,836.62	
D	Drainage	m		£159.14	
E	Tactiles 400x400x50mm lozenge paving colour grey	m		£31.89	
F	Provision for mobility impaired (Platform Only)	Item		£298.30	
G	Platform Ducting	m		£103.93	
	Access Routes				
H	7m access ramps to island platforms.	nr			Included
	Lighting & Signage Lighting Columns Including Foundation.				
I	Lighting column complete on Island Platforms - (twin luminaries)	nr		£1,735.07	
	Cabling				
J	Wiring to columns	m		£10.85	
K	Isolator /power supply	nr		£0.00	
	Name plates				
L	Name plates for Island platforms	nr		£0.00	Included
M	Stop Logo	nr		£0.00	Included
	Ancillary Equipment				
N	Stainless Steel Cycle parking units	nr		£560.76	
O	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£1,680.46	
P	Stainless Steel Perch Seating within Shelter.	nr		£0.00	Included
B2 - Ocean Drive Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	Bill 20 OCEAN DRIVE TRAMSTOP				
A	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£754.38	
	Equipment Interfaces Interface only, Equipment measured under Item Code C3				
B	CCTV	Item		£286.49	
C	Passenger Help Point	Item		£286.49	
D	Public Address	Item		£286.49	
E	Passenger Information Display	nr		£311.29	
F	Ticket Vending Machine	nr		£311.29	
G	Advertising Panels	nr		£311.29	
H	Stop Phone	nr		£180.77	
B2 - Ocean Drive Tramstop - Page 2					£0.00
	Bill 20 OCEAN DRIVE TRAMSTOP				
	<u>Platforms Finishes</u>				
J	General plant ,transport & labour	item		£30,749.68	
J	Traffic management	item		£4,804.54	
	Drainage connections	item		£3,017.52	
B2 - Ocean Drive Tramstop - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	Bill 25 BERNARD STREET TRAMSTOP				
	Tramstops				
	Waiting Shelters				
A	8m Enclosed Shelter on platform - Steel Shelter and canopy, with intergral lighting. Cantilevered shelter	nr		£19,407.96	
	Platforms				
B	Platform - Foundations	nr		£5,364.95	
C	Platform Finishes	Item		£67,836.62	
D	Drainage	m		£159.14	
E	Tactiles 400x400x50mm lozenge paving colour grey	m		£31.89	
F	Provision for mobility impaired (Platform Only)	Item		£298.30	
G	Platform Ducting	m		£126.37	
	Access Routes				
H	7m access ramps to island platforms.	nr			Included
	Lighting & Signage Lighting Columns Including Foundation.				
I	Lighting column complete on Island Platforms - (twin luminaries)	nr		£1,735.07	
	Cabling				
J	Wiring to columns	m		£10.85	
K	Isolator /power supply	nr		£0.00	
	Name plates				
L	Name plates for Island platforms	nr		£0.00	Included
M	Stop Logo	nr		£0.00	Included
	Ancillary Equipment				
N	Stainless Steel Cycle parking units	nr		£560.76	
O	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£1,679.75	
P	Stainless Steel Perch Seating within Shelter.	nr		£0.00	Included
B2 - Bernard Street Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	Bill 25 BERNARD STREET TRAMSTOP				
A	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£754.38	
	Equipment Interfaces Interface only, Equipment measured under Item Code C3				
B	CCTV	Item		£286.49	
C	Passenger Help Point	Item		£286.49	
D	Public Address	Item		£286.49	
E	Passenger Information Display	nr		£311.29	
F	Ticket Vending Machine	nr		£311.29	
G	Advertising Panels	nr		£311.29	
H	Stop Phone	nr		£180.77	
B2 - Bernard Street Tramstop - Page 2					£0.00
	Bill 25 BERNARD STREET TRAMSTOP				
	Platforms Finishes				
A	General plant , transport & labour	item		£30,749.68	
B	Traffic management	item		£4,804.54	
C	Drainage connections	item		£3,017.52	
B2 - Bernard Street Tramstop - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	Tramstops				
	Waiting Shelters				
A	8m Enclosed Shelter on platform - Steel Shelter and canopy, with intergral lighting. Cantilevered shelter	nr		£19,407.96	
	Platforms				
B	Platform - Foundations	nr		£5,365.17	
C	Platform Finishes	Item		£67,836.62	
D	Drainage	m		£159.14	
E	Tactiles 400x400x50mm lozenge paving colour grey	m		£31.89	
F	Provision for mobility impaired (Platform Only)	Item		£298.30	
G	Platform Ducting	m		£126.37	
	Access Routes				
H	7m access ramps to island platforms.	nr			Included
	Lighting & Signage Lighting Columns Including Foundation.				
I	Lighting column complete on Island Platforms - (twin luminaries)	nr		£1,735.07	
	Cabling				
J	Wiring to columns	m		£10.85	
K	Isolator /power supply	nr		£0.00	
	Name plates				
L	Name plates for Island platforms	nr		£0.00	Included
M	Stop Logo	nr		£0.00	Included
	Ancillary Equipment				
N	Stainless Steel Cycle parking units	nr		£560.76	
O	Stainless Steel Metal benching with backrests approx	nr		£1,680.46	
P	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
B2 - Foot of the Walk Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	FOOT of the WALK TRAMSTOP				
A	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£754.38	
	Equipment Interfaces Interface only, Equipment measured under Item Code C3				
B	CCTV	Item		£286.49	
C	Passenger Help Point	Item		£286.49	
D	Public Address	Item		£286.49	
E	Passenger Information Display	nr		£311.29	
F	Ticket Vending Machine	nr		£311.29	
G	Advertising Panels	nr		£311.29	
H	Stop Phone	nr		£180.77	
B2 - Foot of the Walk Tramstop - Page 1					£0.00
	FOOT of the WALK TRAMSTOP				
	Platforms Finishes				
A	General plant , transport & labour	item		£30,749.68	
B	Traffic management	item		£3,131.31	
C	Drainage connections	item		£3,017.52	
B2 - Foot of the Walk Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(1)	Waiting Shelters				
001	8m Double Cantilever Shelter on Island platform - Steel Shelter and canopy, with integral lighting.	nr		£53,291.34	
B2(3)	Platforms				
001	Island Platform - Foundations	nr		£32,572.80	
002	Platform Finishes	Item		£59,265.68	
003	Drainage	m		£197.24	
004	Tactiles	Item		£5,740.95	
005	Provision for mobility impaired	Item		£3,668.53	
006	Platform Ducting	m		£34.92	
	Access Routes				
006	7m access ramps to island platforms.	nr		£15,000.00	
B2(4)	Lighting & Signage				
	Lighting Columns Including Foundation.				
001	Lighting column complete on Island Platforms - (twin luminaries)	nr		£2,103.07	
	Cabling				
002	Wiring to columns	m		£13.37	
003	Isolator /power supply	nr		£0.00	
	Name plates				
004	Name plates for Island platforms	nr		£259.79	
005	Stop Logo	nr		£137.37	
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£1,741.46	
002	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£3,109.75	
003	Stainless Steel Perch Seating within Shelter.	nr		£1,500.00	
B2 - Balfour Street Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
004	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£1,148.47	
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£0.00	
002	Passenger Help Point	Item		£134.52	
003	Public Address	Item		£0.00	
004	Passenger Information Display	Item		£134.52	
005	Ticket Vending Machine	Item		£134.52	
006	Advertising Panels	Item		£509.56	
007	Stop Phone	Item		£1,629.24	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
8	Tramline Crossings	no		£12,982.63	
9	Tramstop Signs	no		£1,747.36	
B2 - Balfour Street Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(1)	Waiting Shelters				
001	8m Double Cantilever Shelter on Island platform - Steel Shelter and canopy, with integral lighting.	nr		£53,291.34	
B2(3)	Platforms				
001	Island Platform - Foundations	nr		£32,572.80	
002	Platform Finishes	Item		£59,265.68	
003	Drainage	m		£197.24	
004	Tactiles	Item		£5,740.95	
005	Provision for mobility impaired	Item		£3,668.53	
006	Platform Ducting	m		£34.92	
	Access Routes				
006	7m access ramps to island platforms.	nr		£15,000.00	
B2(4)	Lighting & Signage				
	Lighting Columns Including Foundation.				
001	Lighting column complete on Island Platforms - (twin luminaries)	nr		£2,103.07	
	Cabling				
002	Wiring to columns	m		£13.37	
003	Isolator /power supply	nr		£0.00	
	Name plates				
004	Name plates for Island platforms	nr		£259.79	
005	Stop Logo	nr		£137.37	
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£1,741.46	
002	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£3,109.75	
003	Stainless Steel Perch Seating within Shelter.	nr		£1,500.00	
B2 - McDonald Road Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
004	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£1,148.47	
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£0.00	
002	Passenger Help Point	Item		£134.52	
003	Public Address	Item		£0.00	
004	Passenger Information Display	Item		£134.52	
005	Ticket Vending Machine	Item		£134.52	
006	Advertising Panels	Item		£509.56	
007	Stop Phone	Item		£1,629.24	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
8	Tramline Crossings	no		£12,982.63	
9	Tramstop Signs	no		£1,747.36	
B2 - McDonald Road Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(1)	Waiting Shelters				
001	8m Double Cantilever Shelter on Island platform - Stainless Steel Shelter and canopy, with integral lighting.	nr		£33,291.34	
B2(3)	Platforms				
001	Island Platform - Foundations	nr		£21,392.80	
002	Platform Finishes	Item		£19,265.68	
003	Drainage	m		£97.24	
004	Tactiles	Item		£2,740.95	
005	Provision for mobility impaired	Item		£668.53	
006	Platform Ducting	m		£24.92	
	Access Routes				
006	7m access ramps to island platforms.	nr		£0.00	
B2(4)	Lighting & Signage				
	Lighting Columns Including Foundation.				
001	Lighting column complete on Island Platforms - (twin luminaries)	nr		£1,103.07	
	Cabling				
002	Wiring to columns	m		£13.37	
003	Isolator /power supply	nr		£0.00	
	Name plates				
004	Name plates for Island platforms	nr		£59.79	
005	Stop Logo	nr		£37.37	
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£741.46	
002	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£1,109.75	
003	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
B2 - Picardy Place Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
004	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£648.47	
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£0.00	
002	Passenger Help Point	Item		£134.52	
003	Public Address	Item		£0.00	
004	Passenger Information Display	Item		£134.52	
005	Ticket Vending Machine	Item		£134.52	
006	Advertising Panels	Item		£509.56	
007	Stop Phone	Item		£1,629.24	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
8	Tramline Crossings	no		£2,982.63	
9	Tramstop Signs	no		£747.36	
B2 - Picardy Place Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(1)	Waiting Shelters				
001	8m Single Cantilever Shelter on Side Platform - Steel Shelter and canopy, with integral lighting.	nr		£22,556.58	
B2(3)	Platforms				
001	Side Platforms	nr		£19,067.55	
002	Platform Finishes	Item		£24,668.57	
003	Drainage	m		£118.82	
004	Tactiles	Item		£2,868.58	
005	Provision for mobility impaired	Item		£668.53	
006	Platform Ducting	m		£24.92	
	Access Routes				
006	7m access ramps to side platforms.	m		£0.00	
B2(4)	Lighting & Signage				
	Lighting Columns Including Foundation.				
001	Lighting Column complete on Side Platforms - (single luminary)	nr		£1,069.64	
	Cabling				
002	Wiring to columns	m		£13.37	
003	Isolator /power supply	nr		£0.00	
	Name plates				
004	Name plates for side platforms	nr		£59.79	
005	Stop Logo	nr		£37.37	
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£740.85	
002	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£1,109.75	
003	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
004	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£648.47	
B2 - St Andrews Square Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£0.00	
002	Passenger Help Point	Item		£134.52	
003	Public Address	Item		£0.00	
004	Passenger Information Display	Item		£134.52	
005	Ticket Vending Machine	Item		£134.52	
006	Advertising Panels	Item		£508.20	
007	Stop Phone	Item		£1,629.24	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
8	Tram line Crossings	no		£2,982.63	
9	Tramstop Sign	no		£747.36	
10	Platform Fencing	m		£173.25	
B2 - St Andrews Square Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(1)	Waiting Shelters				
001	8m Enclosed Shelter on Side Platform - Steel Shelter and canopy, with integral lighting.	nr		£22,556.58	
B2(3)	Platforms				
001	Side Platforms	nr		£19,067.55	
002	Platform Finishes	Item		£24,668.57	
003	Drainage	m		£118.82	
004	Tactiles	Item		£2,868.58	
005	Provision for mobility impaired	Item		£668.53	
006	Platform Ducting	m		£24.92	
	Access Routes				
006	7m access ramps to side platforms.	m		£0.00	
B2(4)	Lighting & Signage				
	Lighting Columns Including Foundation.				
001	Lighting on Side Platforms - (single luminary) mounted on Traction Poles	nr		£1,069.64	
	Cabling				
002	Wiring to columns	m		£13.37	
003	Isolator /power supply	nr		£0.00	
	Name plates				
004	Name plates for side platforms	nr		£59.79	
005	Stop Logo	nr		£37.37	
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£740.85	
002	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£1,109.75	
003	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
B2 - Princes Street Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B2	Tramstops				
004	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£648.47	
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£0.00	
002	Passenger Help Point	Item		£134.52	
003	Public Address	Item		£0.00	
004	Passenger Information Display	Item		£134.52	
005	Ticket Vending Machine	Item		£134.52	
006	Advertising Panels	Item		£508.20	
007	Stop Phone	Item		£1,629.24	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
8	Tram line Crossings	no		£2,982.63	
9	Tramstop Sign	no		£747.36	
10	Platform Fencing	m		£173.25	
B2 - Princes Street Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(1)	Waiting Shelters				
001	8m Double Cantilever Shelter on Island platform - Steel Shelter and canopy, with integral lighting.	nr		£33,291.34	
B2(3)	Platforms				
001	Island Platform - Foundations	nr		£21,392.80	
002	Platform Finishes	Item		£19,265.68	
003	Drainage	m		£97.24	
004	Tactiles	Item		£2,740.95	
005	Provision for mobility impaired	Item		£668.53	
006	Platform Ducting	m		£24.92	
	Access Routes				
006	7m access ramps to island platforms.	nr		£0.00	
B2(4)	Lighting & Signage				
	Lighting Columns Including Foundation.				
001	Lighting column complete on Island Platforms - (twin luminaries)	nr		£1,103.07	
	Cabling				
002	Wiring to columns	m		£13.37	
003	Isolator /power supply	nr		£0.00	
	Name plates				
004	Name plates for Island platforms	nr		£59.79	
005	Stop Logo	nr		£37.37	
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£741.46	
002	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£1,109.75	
003	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
B2 - Shandwick Place Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
004	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£648.47	
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£0.00	
002	Passenger Help Point	Item		£134.52	
003	Public Address	Item		£0.00	
004	Passenger Information Display	Item		£134.52	
005	Ticket Vending Machine	Item		£134.52	
006	Advertising Panels	Item		£509.56	
007	Stop Phone	Item		£1,629.24	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
8	Tramline Crossings	no		£2,982.63	
9	Tramstop Signs	no		£747.36	
B2 - Shandwick Place Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Bill 30 HIGHWAY 1A				
	Site Clearance				
C	Take up or take down and remove to tip off site gully grating and frame inc. infill of gully pot with concrete	nr		£50.55	
	Drainage & Service Ducts				
D	Gully including connection to existing drainage system (assume 5m)	nr			
D	Gully including connection to existing gully tail system (assume 5m)	nr		£894.98	
	Earthworks				
E	Excavation of unacceptable material	m3		£20.86	
F	Disposal of unacceptable material	m3		£14.29	
	Pavements				
G	Sub base 250mm thick	m3		£46.87	
H	Base course 100mm thick	m2		£23.73	
I	Binder course 60mm thick	m2		£16.11	
J	Wearing course 40mm thick	m2		£16.18	
K	Milling pavement 40mm thick	m2		£3.33	
	Kerbs, Footways & Paved Areas				
L	Kerbs	m		£64.65	
M	Edgings	m		£50.92	
N	Footway (surfaced)	m2		£34.47	
	Traffic Signs & Road Markings				
	Signage generally				
O		sum		£30,426.66	
	Road Markings				
P	White lining, yellow lining etc. (Measured as km of carriageway)	km		£23,134.32	
B4(1) - Highways - Section 1A - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Bill 30 HIGHWAY 1A				
	Pedestrian Level Crossings				
	To include signage, signals, road markings and surfacing				
A	controlled (civil works only)	nr		£48,518.47	
B	un-controlled	nr		£1,464.73	
	Landscaping				
C	Landscaping	sum		£10,058.40	
	Street Lighting and Junction Signals				
D	Street Lighting Measured pro rate against pedestrian footways	km		£59,950.58	
E	Junctions (Lights and Signals)	nr		£0.00	
	Testing and Commissioning				
F	testing and commissioning of all Highways works	sum		£2,891.79	
	ROADWORKS - MAJOR JUNCTIONS				
G	Take up or down and remove to tip off site - gully grating	No		£50.55	
	Drainage & Service Ducts				
H	Gully including connection to existing drainage system (assume 5m)	nr		£894.98	
	Earthworks				
I	Excavation of unacceptable material	m3		£27.55	
J	Disposal of unacceptable material	m3		£14.29	
	Pavements				
K	Sub base 250mm thick	m3		£46.87	
L	Base course	m2		£23.73	
M	Binder course	m2		£16.11	
B4(1) - Highways - Section 1A - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Bill 30 HIGHWAY 1A				
A	Wearing course 40mm thick	m2		£16.18	
B	Milling pavement 40mm thick	m2		£6.66	
	Kerbs, Footways & Paved Areas				
C	Kerbs	m		£73.76	
D	Footway	m2		£34.47	
	Traffic Signs & Road Markings				
E	Signage	sum		£5,029.20	
	Road Markings				
F	White lining, yellow lining etc. assume 500m of lining per major junction	km		£23,134.32	
	Landscaping				
	Landscaping				
G		sum		£25,146.00	
	Street Lighting and Junction Signals				
H	Street Lighting Measured pro rate against pedestrian footways	km		£94,297.50	
I	Junctions (Lights and Signals) at major junctions	nr		£0.00	
	Testing and Commissioning				
J	testing and commissioning of all Highways works	sum		£1,445.90	
B4(1) - Highways - Section 1A - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Bill 30 HIGHWAY 1A				
	Site clearance				
A	General	sum		£282,347.30	
B	Remove & relocate Bus shelters at Ocean Terminal	sum		£61,240.02	
C	Lift & clean setts	m2		£60.42	
	Drainage				
D	Raise/lower average 0.36m2 service cover by less than 150mm	nr		£306.26	
	Earthworks				
E	Prepare formation	m2		£2.21	
	Pavements				
F	Relay setts	m2		£138.29	
F	Supply and lay setts	m2		£199.83	
G	Binder regulating average 30mm thick	m2		£7.58	
H	Wearing course regulating average 20 mm thick	m2		£7.03	
I	Tack coat	m2		£0.39	
J	Coloured /anti skid surfacing	m2		£15.62	
K	Wearing course imprint overrun strip	m2		£97.61	
B4(1) - Highways - Section 1A - Page 4					£0.00
	Bill 30 HIGHWAY 1A				
	Highways				
I	General plant , Transport & labour	item		£319,716.30	
B4(1) - Highways - Section 1A - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SECTION 1A				
B4(1)	HIGHWAYS				
B4(1)1	ROAD WORKS - CARRIAGEWAYS & MAIN JUNCTIONS UPDATED				
	Updated Earthworks				
003a	Excavation of artificial hard material	m3		35.55	0.00
003b	Excavation of suitable material	m3		27.55	0.00
003c	Deposit and Compact Suitable	m3		11.65	0.00
003d	Disposal of suitable material	m3		14.29	0.00
	Updated Pavements				
005	Sub base 250mm thick	m3		46.87	0.00
006	Base course 100 mm thick	m2		23.73	0.00
007	Binder course 60 mm thick	m2		16.11	0.00
008a	Wearing course 25 mm thick	m2		11.25	0.00
008b	Wearing course 40 mm thick	m2		16.18	0.00
008c	Wearing Course Stone Setts	m2		199.83	0.00
009a	Milling pavement 25mm thick	m2		3.33	0.00
009b	Regulating	m3		302.00	0.00
	Updated Kerbs, Footways & Paved Areas				
010a	Kerbs Full Depth Detail	m		64.65	0.00
010b	Kerb Existing Road Detail	m		71.71	0.00
011	Edgings	m		50.92	0.00
012a	Footway on Existing Road	m2		19.16	0.00
012b	Footway Full Depth Detail	m2		34.47	0.00
012c	Resurface Footway	m2		20.59	0.00
012d	Topsoil and Turf Reservations	m2		9.19	0.00
012e	Tie-in to existing footpath finish	m		19.74	0.00
012f	Tie-in to existing footpath surface finish only	m		8.25	0.00
B4(1) - Highways - Section 1A - Updated Paving Total					£0.00

B4(1)1	ROAD WORKS - CARRIAGEWAYS ORIGINAL 1				
	Earthworks				
E	Excavation of unacceptable material	m3		£20.86	0.00
F	Disposal of unacceptable material	m3		£14.29	0.00
	Pavements				
G	Sub base 250mm thick	m3		£46.87	0.00
H	Base course 100mm thick	m2		£23.73	0.00
I	Binder course 60mm thick	m2		£16.11	0.00
J	Wearing course 40mm thick	m2		£16.18	0.00
K	Milling pavement 40mm thick	m2		£3.33	0.00
	Kerbs, Footways & Paved Areas				
L	Kerbs	m		£64.65	0.00
M	Edgings	m		£50.92	0.00
N	Footway (surfaced)	m2		£34.47	0.00
B4(1) - Highways - Section 1A - Original Carriageways Paving Total 1					£0.00
B4(1)1	ROADWORKS - MAJOR JUNCTIONS ORIGINAL 1				
	Earthworks				
I	Excavation of unacceptable material	m3		£27.55	0.00
J	Disposal of unacceptable material	m3		£14.29	0.00
	Pavements				
K	Sub base 250mm thick	m3		£46.87	0.00
L	Base course	m2		£23.73	0.00
M	Binder course	m2		£16.11	0.00
A	Wearing course 40mm thick	m2		£16.18	0.00
B	Milling pavement 40mm thick	m2		£6.66	0.00

Kerbs, Footways & Paved Areas					
C	Kerbs	m		£73.76	0.00
D	Footway	m2		£34.47	0.00
B4(1) - Highways - Section 1A - Original Major Junctions Paving Total 1					£0.00

B4(1)1	ROADWORKS - MAJOR JUNCTIONS ORIGINAL 2				
	Site clearance				
C	Lift & clean setts	m2		£60.42	0.00
	Earthworks				
E	Prepare formation	m2		£2.21	0.00
	Pavements				
F	Relay setts	m2		£138.29	0.00
F	Supply and lay setts	m2		£199.83	0.00
G	Binder regulating average 30mm thick	m2		£7.58	0.00
H	Wearing course regulating average 20 mm thick	m2		£7.03	0.00
I	Tack coat	m2		£0.39	0.00
J	Coloured /anti skid surfacing	m2		£15.62	0.00
K	Wearing course imprint overrun strip	m2		£97.61	0.00
B4(1) - Highways - Section 1A - Original Major Junctions Paving Total 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SECTION 1B				
B4(1)	HIGHWAYS				
B4(1)1	ROAD WORKS - CARRIAGEWAYS				
	Site Clearance				
001	Take up or take down and remove to tip off site gully grating and frame	nr		£0.00	
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		£1,737.50	
	Earthworks				
003	Excavation of unacceptable material	m3		£0.00	
004	Disposal of unacceptable material	m3		£26.23	
	Pavements				
005	Sub base 150mm thick	m3		£148.29	
006	Base course	m2		£18.22	
007	Binder course	m2		£11.57	
008	Wearing course	m2		£11.77	
009	Milling pavement 40mm thick	m2		£1.16	
	Kerbs, Footways & Paved Areas				
010	Kerbs	m		£57.37	
011	Footway	m2		£41.17	
	Traffic Signs & Road Markings				
012	Signage generally	Item		£2,636.63	
	Sign Diagram No:				
013	606	nr		£197.75	
	Road Markings				
014	White lining, yellow lining etc. (Measured as km of carriageway)	km		£2,636.63	
B4(1) - Highways - Section 1B - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Pedestrian Level Crossings				
	To include signage, signals, road markings and surfacing				
015	controlled	nr		£15,479.68	
016	un-controlled	nr		£1,318.32	
	Landscaping				
017	Landscaping	item		£0.00	
	Street Lighting and Junction Signals				
018	Street Lighting Measured pro rate against pedestrian footways	km		£32,957.93	
019	Junctions (Lights and Signals)	nr		£48,111.98	
	Testing and Commissioning				
020	testing and commissioning of all Highways works	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
001A	Regulating	m3		£232.17	
002A	Traffic Management	item		£459,407.05	
003A	Subbase 250mm thick (not 150 thk)	m3		£148.29	
B4(1) - Highways - Section 1B - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SECTION 1B				
B4(1)	HIGHWAYS				
B4(1)1	ROAD WORKS - CARRIAGEWAYS UPDATED				
	Updated Earthworks				
003a	Excavation of artificial hard material	m3		35.55	0.00
003b	Excavation of Suitable	m3		27.55	0.00
003c	Deposit and Compact Suitable	m3		11.65	0.00
004a	Disposal of suitable material	m3		14.29	0.00
	Updated Pavements				
005	Sub base 250mm thick	m3		148.29	0.00
006	Base course 100 mm thick	m2		18.22	0.00
007	Binder course 60 mm thick	m2		11.57	0.00
008a	Wearing course 25 mm thick	m2		16.80	0.00
008b	Wearing course 40 mm thick	m2		19.38	0.00
008c	Setts Wearing course	m2		139.69	0.00
009	Milling pavement 25mm thick	m2		2.50	0.00
009a	Regulating	m3		295.31	0.00
	Updated Kerbs, Footways & Paved Areas				
010a	Kerbs Full Depth Detail	m		57.37	0.00
010b	Kerbs on Existing Road	m		64.98	0.00
011a	Footway on Existing Road	m2		27.80	0.00
011b	Footway Full Depth Detail	m2		41.17	0.00
011c	Tie-in to existing Footpath	m		23.09	0.00

	B4(1) - Highways - Section 1B - Updated Paving Total	£0.00
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B4(1)1	ROAD WORKS - CARRIAGEWAYS ORIGINAL				
	Earthworks				
003	Excavation of unacceptable material	m3		0.00	0.00
004	Disposal of unacceptable material	m3		26.23	0.00
	Pavements				
005	Sub base 150mm thick	m3		148.29	0.00
006	Base course	m2		18.22	0.00
007	Binder course	m2		11.57	0.00
008	Wearing course	m2		11.77	0.00
009	Milling pavement 40mm thick	m2		1.16	0.00
	Kerbs, Footways & Paved Areas				
010	Kerbs	m		57.37	0.00
011	Footway	m2		41.17	0.00
	Contractor's Other Charges				
001A	Regulating	m3		£232.17	0.00
003A	Subbase 250mm thick (not 150 thk)	m3		£148.29	0.00
	B4(1) - Highways - Section 1B - Original Carriageways Paving Total 1				£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SECTION 1C				
B4(1)	HIGHWAYS				
B4(1)1	ROAD WORKS - CARRIAGEWAYS				
	Site Clearance				
001	Take up or take down and remove to tip off site gully grating and frame	nr		£102.10	
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		£1,862.15	
	Earthworks				
003	Excavation of unacceptable material	m3		£54.62	
004	Disposal of unacceptable material	m3		£33.01	
	Pavements				
005	Sub base 150mm thick	m3		£58.05	
006	Base course	m2		£35.54	
007	Binder course	m2		£27.52	
008	Wearing course	m2		£21.72	
009	Milling pavement 40mm thick	m2		£4.01	
010	Extra Over for york stone paving and granite sets in carriageway	item		£0.00	
	Kerbs, Footways & Paved Areas				
011	Kerbs	m		£59.19	
012	Footway	m2		£50.30	
	Traffic Signs & Road Markings				
013	Signage generally	Item		£10,700.79	
	Sign Diagram No:				
014	606	nr		£309.95	
015	616	nr		£309.95	
016	953.1	nr		£352.50	
017	958	nr		£352.50	
B4(1) - Highways - Section 1C - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
018	959	nr		£352.50	
019	964	nr		£352.50	
	Road Markings				
020	White lining, yellow lining etc. (Measured as km of carriageway)	km		£9,967.10	
	Pedestrian Level Crossings				
	To include signage, signals, road markings and surfacing				
021	controlled	nr		£30,004.62	
	Landscaping				
022	Landscaping	item		£0.00	
	Street Lighting and Junction Signals				
023	Street Lighting Measured pro rate against pedestrian footways	km		£121,550.00	
024	Junctions (Lights and Signals)	nr		£42,232.55	
	Testing and Commissioning				
025	testing and commissioning of all Highways works	sum		£0.00	
B4(1)2	ROADWORKS - MAJOR JUNCTIONS				
	Site Clearance				
001	Take up or take down and remove to tip off site gully grating and frame	nr		£102.10	
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		£1,862.15	
	Earthworks				
003	Excavation of unacceptable material	m3		£62.60	
004	Disposal of unacceptable material	m3		£33.01	
B4(1) - Highways - Section 1C - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Pavements				
005	Sub base 150mm thick	m3		£68.37	
006	Base course	m2		£35.54	
007	Binder course	m2		£27.52	
008	Wearing course	m2		£21.72	
009	Milling pavement 40mm thick	m2		£4.01	
	Kerbs, Footways & Paved Areas				
010	Kerbs	m		£59.19	
011	Footway	m2		£50.30	
	Traffic Signs & Road Markings				
012	Signage	item		£2,717.66	
	Road Markings				
013	White lining, yellow lining etc. assume 500m of lining per major junction	km		£9,967.10	
	Landscaping				
014	Landscaping	item		£0.00	
	Street Lighting and Junction Signals				
015	Street Lighting Measured pro rate against pedestrian footways	km		£121,550.00	
016	Junctions (Lights and Signals) at major junctions	nr		£42,232.55	
	Miscellaneous				
017	Extra Over costs associated with bespoke/special designed street furniture - e.g. Street Lighting	item		£0.00	
	Testing and Commissioning				
018	testing and commissioning of all Highways works	sum		£0.00	
B4(1) - Highways - Section 1C - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
B4(1) - Highways - Section 1C - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SECTION 1C				
B4(1)	HIGHWAYS				
B4(1)1	ROAD WORKS - CARRIAGEWAYS & MAIN JUNCTIONS UPDATED				
	Updated Earthworks				
003a	Excavation of artificialy hard material	m3		35.55	0.00
003b	Excavation of Suitable	m3		27.55	0.00
003c	Deposit and Compact Suitable	m3		11.65	0.00
004a	Disposal of suitable material	m3		14.29	0.00
	Updated Pavements				
005	Sub base 250mm thick	m3		148.29	0.00
006	Base course 100 mm thick	m2		18.22	0.00
007	Binder course 60 mm thick	m2		11.57	0.00
008a	Wearing course 25 mm thick	m2		16.80	0.00
008b	Wearing course 40 mm thick	m2		19.38	0.00
008c	Setts Wearing course	m2		139.69	0.00
009	Milling pavement 25mm thick	m2		2.50	0.00
009a	Regulating	m3		295.31	0.00
	Updated Kerbs, Footways & Paved Areas				
010a	Kerbs Full Depth Detail	m		57.37	0.00
010b	Kerbs on Existing Road	m		64.98	0.00
011a	Footway on Existing Road	m2		54.26	0.00
011b	Footway Full Depth Detail	m2		70.73	0.00
011c	Resurface Footway	m2		60.86	0.00
011d	Topsoil and Turf Reservations	m2		9.19	0.00
011e	Tie-in to existing footpath finish	m		37.86	0.00
011f	Tie-in to existing footpath surface finish only	m		29.64	0.00

	B4(1) - Highways - Section 1C - Updated Paving Total	£0.00
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Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SECTION 1D				
B4(1)	HIGHWAYS				
B4(1)1	ROAD WORKS - CARRIAGEWAYS				
	Site Clearance				
001	Take up or take down and remove to tip off site gully grating and frame	nr		£102.10	
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		£1,862.15	
	Earthworks				
003	Excavation of unacceptable material	m3		£54.62	
004	Disposal of unacceptable material	m3		£33.01	
	Pavements				
005	Sub base 150mm thick	m3		£58.05	
006	Base course	m2		£35.54	
007	Binder course	m2		£27.52	
008	Wearing course	m2		£21.72	
009	Milling pavement 40mm thick	m2		£4.01	
010	Extra Over for york stone paving and granite sets in carriageway	item		£0.00	
	Kerbs, Footways & Paved Areas				
011	Kerbs	m		£59.19	
012	Footway	m2		£50.30	
	Traffic Signs & Road Markings				
013	Signage generally	Item		£5,435.32	
	Sign Diagram No:				
014	607	nr		£309.95	
015	612	nr		£309.95	
016	613	nr		£309.95	
017	616	nr		£309.95	
B4(1) - Highways - Section 1D - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
018	618.1	nr		£309.95	
019	652	nr		£309.95	
020	866	nr		£352.50	
021	953.1	nr		£352.50	
022	954.3	nr		£352.50	
	Road Markings				
023	White lining, yellow lining etc. (Measured as km of carriageway)	km		£9,967.10	
	Pedestrian Level Crossings				
	To include signage, signals, road markings and surfacing				
024	controlled	nr		£30,004.62	
	Landscaping				
025	Landscaping	item		£0.00	
	Street Lighting and Junction Signals				
026	Street Lighting Measured pro rate against pedestrian footways	km		£121,550.00	
027	Junctions (Lights and Signals)	nr		£42,232.55	
	Testing and Commissioning				
028	testing and commissioning of all Highways works	sum		£0.00	
B4(1)2	ROADWORKS - MAJOR JUNCTIONS				
	Site Clearance				
001	Take up or take down and remove to tip off site gully grating and frame	nr		£102.10	
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		£1,862.15	
B4(1) - Highways - Section 1D - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Earthworks				
003	Excavation of unacceptable material	m3		£62.60	
004	Disposal of unacceptable material	m3		£33.01	
	Pavements				
005	Sub base 150mm thick	m3		£68.37	
006	Base course	m2		£35.54	
007	Binder course	m2		£27.52	
008	Wearing course	m2		£21.72	
009	Milling pavement 40mm thick	m2		£4.01	
	Kerbs, Footways & Paved Areas				
010	Kerbs	m		£59.19	
	Traffic Signs & Road Markings				
011	Signage	item		£2,717.66	
	Road Markings				
012	White lining, yellow lining etc. assume 500m of lining per major junction	km		£9,967.10	
	Landscaping				
013	Landscaping	item		£0.00	
	Street Lighting and Junction Signals				
014	Junctions (Lights and Signals) at major junctions	nr		£42,232.55	
	Miscellaneous				
015	Extra Over costs associated with bespoke/special designed street furniture - e.g. Street Lighting	item		£0.00	
B4(1) - Highways - Section 1D - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B4	HIGHWAYS				
B4	HIGHWAYS				
	SECTION 1D - SC1 - Chainage = 46m; Therefore, assumed 4% of Bill Quantities.				
B4(1)	HIGHWAYS				
B4(1)1	ROAD WORKS - CARRIAGEWAYS				
	Site Clearance				
001	Take up or take down and remove to tip off site gully grating and frame	nr		72.17	
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		804.93	
	Earthworks				
003	Excavation of unacceptable material	m3		6.07	
004	Disposal of unacceptable material	m3		17.07	
	Pavements				
005	Sub base 150mm thick	m3		37.50	
006	Base course	m2		19.18	
007	Binder course	m2		12.18	
008	Wearing course	m2		12.40	
009	Milling pavement 40mm thick	m2		2.08	
010	Extra Over for york stone paving and granite sets in carriageway	item			
	Kerbs, Footways & Paved Areas				
011	Kerbs	m		25.48	
012	Footway	m2		21.65	
	Traffic Signs & Road Markings				
013	Signage generally	Item		6939.28	
	Sign Diagram No:				
014	607	nr			
015	612	nr			
016	613	nr			
017	616	nr		346.97	
	B4(1) - Highways - Section 1D - Page 5				£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B4	HIGHWAYS				
018	618.1	nr			
019	652	nr			
020	866	nr			
021	953.1	nr			
022	954.3	nr			
	Road Markings				
023	White lining, yellow lining etc. (Measured as km of carriageway)	km		10408.91	
	Pedestrian Level Crossings				
	To include signage, signals, road markings and surfacing				
024	controlled	nr			
	Landscaping				
025	Landscaping	item		10408.91	
	Street Lighting and Junction Signals				
026	Street Lighting Measured pro rate against pedestrian footways	km		0.00	
027	Junctions (Lights and Signals)	nr			
	Testing and Commissioning				
028	testing and commissioning of all Highways works	sum			
B4(1) - Highways - Section 1D - Page 6					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SECTION 1D				
B4(1)	HIGHWAYS				
B4(1)1	ROAD WORKS - CARRIAGEWAYS & MAIN JUNCTIONS UPDATED				
	Updated Earthworks				
003a	Excavation of artificialy hard material	m3		35.55	0.00
003b	Excavation of Suitable	m3		27.55	0.00
003c	Deposit and Compact Suitable	m3		11.65	0.00
004a	Disposal of suitable material	m3		14.29	0.00
	Updated Pavements				
005	Sub base 250mm thick	m3		148.29	0.00
006	Base course 100 mm thick	m2		18.22	0.00
007	Binder course 60 mm thick	m2		11.57	0.00
008a	Wearing course 25 mm thick	m2		16.80	0.00
008b	Wearing course 40 mm thick	m2		19.38	0.00
008c	Setts Wearing course	m2		139.69	0.00
009	Milling pavement 25mm thick	m2		2.50	0.00
009a	Regulating	m3		295.31	0.00
	Updated Kerbs, Footways & Paved Areas				
010a	Kerbs Full Depth Detail	m		57.37	0.00
010b	Kerbs on Existing Road	m		64.98	0.00
011a	Footway on Existing Road	m2		54.26	0.00
011b	Footway Full Depth Detail	m2		70.73	0.00
011c	Resurface Footway	m2		60.86	0.00
011d	Topsoil and Turf Reservations	m2		9.19	0.00
011e	Tie-in to existing footpath finish	m		37.86	0.00
011f	Tie-in to existing footpath surface finish only	m		29.64	0.00

	B4(1) - Highways - Section 1D - Updated Paving Total				£0.00

B4(1)1	ROAD WORKS - CARRIAGEWAYS ORIGINAL 1				
	Earthworks				
003	Excavation of unacceptable material	m3		54.62	0.00
004	Disposal of unacceptable material	m3		33.01	0.00
	Pavements				
005	Sub base 150mm thick	m3		58.05	0.00
006	Base course	m2		35.54	0.00
007	Binder course	m2		27.52	0.00
008	Wearing course	m2		21.72	0.00
009	Milling pavement 40mm thick	m2		4.01	0.00
010	Extra Over for york stone paving and granite sets in carriageway	item		0.00	0.00
	Kerbs, Footways & Paved Areas				
011	Kerbs	m		59.19	0.00
012	Footway	m2		50.30	0.00
B4(1) - Highways - Section 1D - Original Carriageways Paving Total 1					£0.00
	ROAD WORKS - CARRIAGEWAYS ORIGINAL 2				
	Earthworks				
003	Excavation of unacceptable material	m3		6.07	0.00
004	Disposal of unacceptable material	m3		17.07	0.00
	Pavements				
005	Sub base 150mm thick	m3		37.50	0.00
006	Base course	m2		19.18	0.00
007	Binder course	m2		12.18	0.00
008	Wearing course	m2		12.40	0.00
009	Milling pavement 40mm thick	m2		2.08	0.00
010	Extra Over for york stone paving and granite sets in carriageway	item			
	Kerbs, Footways & Paved Areas				

011	Kerbs	m		25.48	0.00
012	Footway	m2		21.65	0.00
B4(1) - Highways - Section 1D - Original Carriageways Paving Total 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
	LEITH SANDS SUB STATION				
	BUILDINGS				
	Substations - Leith Sands Substation				
A	Single Modular Building (15m x 4m x 3.5m) set on support plinth 900mm above ground and supported	nr		£118,004.83	
B	Access Steps and Platform with guard rail to substation	nr		£1,599.94	
C	Earthworks and site clearance	item		£3,138.63	
D	Reinforced concrete foundation base 16m x 4m x	m3		£269.77	
E	Hard standing within perimeter fencing	m2		£69.66	
F	Road access including earthworks, drainage,	m2		£91.17	
G	Steel security fencing 2740mm high - (Steel	m		£212.84	
H	Security Gates (Twin with slide bolt and security	nr		£3,323.33	
	Provisional Sums				
	Drainage / Service connections to Building	Item		£1,508.76	
	Page Total 35/1				
B5 - Leith Sands Substation - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Bill 40 VICTORIA DOCK ENTRANCE BRIDGE				
	STRUCTURE - S16				
	Victoria Dock Entrance Bridge				
	BRIDGES Existing structure to be modified Existing deck, prestress beams and parapets to be retained Tram envelope covered in Tram works				
A	Cycle / Tramway 225mm deep	m2			Not Applicable
B	Kerbing - half batter back to back	m			Not Applicable
C	Infill concrete to back of kerbs	m3			Not Applicable
B6(1) - Bridge - S16 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Bill 40 VICTORIA DOCK ENTRANCE BRIDGE				
	Site clearance				
B	General	Sum		£18,367.56	
	Demolition				
C	Break out concrete & masonry	m3		£747.82	
D	Break out concrete by Hydrodemolition	m3		£1,517.44	
E	Remove existing beams	nr		£4,676.60	
F	Remove bearings	nr		£2,332.52	
	Fences & parapets				
G	Reinstall existing P2 Parapet on new edge plinths	m		£258.41	
	Drainage & ducts				
H	Drainage to structure	Sum		£3,753.51	
I	Ducts to verges	m		£20.23	
J	Ducts / pipes Through structure	nr		£205.34	
	Earthworks				
K	Excavation	m3		£57.30	
L	Disposal	m3		£16.85	
M	EO Excavate hard	m3		£76.54	
N	Backfill imported 6N	m3		£63.68	
	Pavements				
O	Infill concrete to verges & deck	m3		£144.95	
P	Formwork to infill concrete to verges & deck	m2		£66.81	
Q	20mm thick red tinted sand carpet	m2		£19.78	
R	25mm thick wearing course to footway inc. white chip	m2		£23.43	
S	Planing	m2		£19.03	
T	Tack coat	m2		£0.39	
U	20mm DBM regulating 130mm thick	m2		£35.92	
V	20mm DBM binder course 60mm thick	m2		£16.11	
W	20mm HRA wearing course 40mm thick	m2		£16.18	
	Kerbs				
X	125x255 PC half battered kerb including adjacent PC	m		£66.62	
B6(1) - Bridge - S16 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Bill 40 VICTORIA DOCK ENTRANCE BRIDGE				
	Structural Concrete : Substructure end supports				
F	Insitue concrete	m3		£239.13	
G	Formwork vertical	m2		£115.69	
H	Reinforcement	tonn		£1,370.03	
	Structural Concrete :Superstructure				
I	Concrete	m3		£163.08	
I	Precast Concrete beams YE6	nr		£29,014.95	
J	Formwork vertical	m2		£113.28	
K	Formwork Horizontal	m2		£1,183.47	
L	Formwork Permanent Vertical	m2		£131.89	
M	Formwork Permanent Horizontal	m2		£91.35	
	Structural Concrete : Superstructure				
N	Reinforcement	tonn		£1,336.78	
O	Reinforcement couplers	nr		£49.97	
	Structural Concrete : Ancillaries				
P	Form Kicker	m		£20.82	
Q	Polystyrene to joints	m2		£23.62	
R	Form chamfers & drain chanel	m		£3.47	
S	25mm dia. Stainless steel dowels	nr		£22.96	
	Waterproofing				
T	2 coats bitumen paint	m2		£9.40	
U	Spray applied waterproofing to deck	m2		£34.17	
V	Pavix/silane	m2		£5.47	
	Bridge Bearings				
W	Bearings as existing free sliding	nr		£2,854.20	
X	Bearings as existing sliding guided	nr		£2,833.38	
	Bridge Expansion joints				
Y	Asphaltic plug joint x 12m long	nr		£5,413.43	
B6(1) - Bridge - S16 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Bill 40 VICTORIA DOCK ENTRANCE BRIDGE				
	Temporary Works				
A	Access Platforms for demolition & access to front of a	item		£32,030.51	
B	Safety screens & sheeting for Hydrodemolition	item		£5,876.12	
C	Craneage	item		£12,087.68	
D	Steelwork & welder	item		£2,368.38	
E	Safety boat	item		£8,675.37	
F	Edge protection	item		£4,918.94	
G	Vehicle barriers	item		£17,149.47	
H	General plant , transport & labour	item		£97,602.18	
B6(1) - Bridge - S16 - Page 4					£0.00
	Bill 40 VICTORIA DOCK ENTRANCE BRIDGE				
	Provisional items				
	Alterations to existing pilecap/piling /anchors				
G		sum		£10,058.40	
	Repairs, repointing etc to existing dock walls				
H		sum		£5,029.20	
	Raise approach/wing walls to south side				
I		sum		£18,105.12	
	New approach/wing walls to north side				
J		sum		£25,146.00	
B6(1) - Bridge - S16 - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Description				
	Bill 45 TOWER PLACE BRIDGE				
	STRUCTURES				
	STRUCTURE - S17				
	Tower Place Bridge				
	Widen Existing Bridge				
	BRIDGES Structure S17 - Tower Place Bridge				
	PILING AND EMBEDDED RETAINING WALLS				
	Piling Plant				
B	Establishment of piling plant for 750 mm diameter bored cast-in-place CFA piles in main piling	Item		£20,301.93	
	Piling Plant				
B	Establishment of piling plant for 610x25 mm Tubular steel piles in main piling	Item		£28,834.62	
	Piling Plant				
C	Moving piling plant for 750mm diameter bored cast-in-place CFA piles in main piling	nr		£69.40	
	Piling Plant				
D	Moving piling plant for 610mm diameter tubular steel piles in main piling	nr		£0.00	
	Piling Plant				
E	Proof loading	item		£8,328.36	
	Piling Plant				
E	Integrity testing	item		£1,388.06	
	Piling to piers (in water)				
F	610mm diameter steel piles, 12no. with length assumed 10metres	m		£1,397.31	
	Piling to piers (in water)				
G	Cofferdam for piers in water	no		£13,880.59	
	Piling to abutments				
I	750mm diameter insitue concrete piles , 8no. with length assumed 10metres inc. reinforcement	m		£697.50	
	SUBSTRUCTURE - END SUPPORTS End Supports				
	Piling to abutments				
J	Earthworks	Item		£7,612.21	
	Piling to abutments				
K	Concrete	m3		£239.13	
	Piling to abutments				
L	Formwork vertical	m2		£115.69	
	Piling to abutments				
M	Reinforcement (200kg/m3 assumed)	t		£1,370.03	
	Intermediate supports (in water)				
	Piling to abutments				
N	Concrete to pile cap	m3		£239.13	
	Piling to abutments				
O	Formwork Horizontal	m2		£1,183.47	
	Piling to abutments				
P	Formwork vertical	m2		£115.69	
	Piling to abutments				
Q	Reinforcement (200kg/m3 assumed)	t		£1,370.03	
	Piling to abutments				
B6(1) - Bridge - S17 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	TOWER PLACE BRIDGE				
	SUPERSTRUCTURE Superstructure (over water)				
A	Bearings	no		£2,655.82	
B	Precast prestressed beams U1 20metres in length Y3	no		£12,119.93	
C	Precast prestressed beams U1 20metres in length YE3	no		£13,112.39	
D	Concrete to diaphragms	m3		£180.29	
E	Concrete to deck slab and parapet upstands	m3		£180.29	
F	Formwork to diaphragms	m2		£104.60	
G	Formwork horizontal to deck and parapet upstands	m2		£1,351.20	
H	Formwork vertical to deck and parapet upstands	m2		£90.14	
I	Permanent formwork to deck	m2		£91.35	
J	Reinforcement (200kg/m3 assumed)	t		£1,303.53	
L	1100mm high pedestrian parapet	m			
	BRIDGES Existing structure to be modified Works to existing Tower Place Bridge				
M	Replace existing footway surfacing with pyramid deterrent paving	m2			
N	P1 Parapet	m		£289.18	
O	Planting	item		£1,207.01	
P	Plane off existing deck surfacing 120mm deep	m2		£11.32	
Q	Spray applied waterproofing to deck	m2		£32.22	
R	20mm red tinted asphaltic sand carpet	m2		£19.78	
S	Regulating course 148mm thick	m2		£35.93	
T	Binder course 60mm thick	m2		£15.71	
U	Surface course 40mm thick	m2		£14.95	
B6(1) - Bridge - S17 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	TOWER PLACE BRIDGE				
	Contractor's Other Charges				
B	Site clearance	Sum		£49,381.66	
C	Demolition	Sum		£136,775.02	
C	Break down concrete pile	m3		£221.47	
D	Remove from store & erect open box beam safety barrier	m		£62.46	
E	N2 vehicular parapet	m		£307.67	
F	Drainage of structure	Sum		£12,862.01	
G	Ducts in structure	Sum		£14,914.23	
	Pavements				
H	Infill concrete to verges	m3		£130.22	
I	Infill concrete to Deck	m3		£130.22	
J	Formwork to deck infill < 150mm	m		£9.72	
K	25mm wearing course inc white chips	m2		£23.43	
L	Tack coat	m2		£0.39	
	Kerbs				
M	Back to back 125x255 PC half batter kerbs with attached PC drainage channel	m		£63.28	
	Lighting				
N	Re-erect columns	nr		£722.95	
O	Ducts	m		£25.31	
P	Connections	nr		£144.59	
Q	Reposition distribution pillar	nr		£722.95	
B6(1) - Bridge - S17 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	TOWER PLACE BRIDGE				
	Structural concrete ancillaries				
A	Blinding concrete	m3		£183.61	
B	Form Kicker	m		£20.82	
C	Form drainage chanel at end supports	m		£20.82	
D	joints polystyrene	m2		£23.62	
E	Chamfers	m		£3.47	
F	25mm Stainless steel dowels 1m long	nr		£22.96	
G	Reinforcement couplers	nr		£49.97	
	Waterproofing				
H	Pavix/silane	m2		£5.47	
I	2 coats bitumen paint	m2		£9.40	
	Bridge joints				
J	Asphaltic plug	m		£451.12	
K	Mechanical joint	m		£596.87	
	Provisional items				
L	Tie rods & waling to existing piles	sum		£10,058.40	
M	Raising existing or providing new wing walls	sum		£25,146.00	
B6(1) - Bridge - S17 - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	TOWER PLACE BRIDGE				
	Temporary works				
A	Access platforms	sum		£61,700.85	
B	Safety screens & sheeting for hydrodemolition	sum		£17,240.85	
C	Craneage	sum		£24,175.36	
D	Steelwork & welder	sum		£5,838.53	
E	Safety boat	sum		£28,917.90	
F	Edge protection	sum		£7,810.73	
G	Vehicle barrier	sum		£32,340.62	
H	General plant, transport & labour	sum		£120,004.88	
B6(1) - Bridge - S17 - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	LINSAY ROAD RETAINING WALL				
	STRUCTURES				
	STRUCTURE - W1				
	Linsay Road Retaining Walls				
	Wall A - Length of wall 238m scaled from drawing., Reinforced Earth Parapet Wall				
	Wall B - Length of wall 162m scaled from drawing. Contiguous Bored Piles				
	RETAINING WALLS				
	General to both retaining walls				
	Site Clearance				
B	Demolition of existing retaining wall (assume <5m high)	m3		£222.04	
	Earthworks				
C	Excavation of material	m3		£2.01	
D	Dispose of excavated material (assume disposed off site)	m3		£14.29	
E	Imported acceptable material Class 6N/6P in structural foundation 0-3m	m3		£28.85	
F	Compaction of Class 6N/6P material	m3		£1.57	
G	Geogrid RE material	m2		£6.75	
H	Landscaping to sides of reinforced earth batter (assume 0.75 high)	m2		£13.88	
	Wall A - Reinforced Earth Parapet Wall				
	Road Restraint System				
I	N2 parapet 1.190metres high straight	m		£307.67	
	Structural Concrete				
J	Insitu concrete grade C32/40	m3		£160.22	
K	Insitu concrete grade ST2 in blinding	m3		£165.37	
L	Reinforcement (200kg/m3 assumed)	t		£1,293.12	
M	Formwork horizontal	m2		£144.19	
N	Formwork vertical	m2		£82.49	
B6(4) - Retaining Wall - W1 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	LINSAY ROAD RETAINING WALL				
	Waterproofing for Structures				
A	Waterproofing with two coats of bitumen	m2		£9.40	
B	Surface impregnation of silane to plain surfaces	m2		£5.47	
	Wall B - Contiguous Bored Piles				
	Road Restraint System				
C	N2 parapet 1.190metres high straight	m		£307.67	
	Piling				
D	Establishment of piling plant for CBP wall 600mm diameter in main piling	Item		£35,788.33	
E	Moving piling plant	nr		£55.52	
F	Contiguous bored pile walls 600mm diameter piles 0-10m deep	m		£103.10	
G	Reinforcement (200kg/m3 assumed) in pile	t		£1,221.49	
H	Proofing Load	nr		£6,940.30	
	Structural Concrete				
I	Insitu concrete grade C32/40 in pile cap	m3		£154.84	
J	Insitu concrete grade C32/40 in pile cap in strip foundation for brickwork	m3		£125.23	
K	Insitu concrete grade ST2 in blinding for pile cap	m3		£148.87	
L	Reinforcement (200kg/m3 assumed) in pile cap	t		£1,303.53	
	Formwork				
M	Formwork horizontal	m2		£155.75	
N	Formwork vertical	m2		£79.44	
	Brickwork				
O	Brickwork in half brick thick as cladding to piled retaining wall	m2		£87.65	
B6(4) - Retaining Wall - W1 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	<u>LINSAY ROAD RETAINING WALL</u>				
	Waterproofing for Structures				
A	Waterproofing with two coats of bitumen	m2		£9.40	
B	Surface impregnation to plain surfaces	m2		£5.47	
B6(4) - Retaining Wall - W1 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	LINSAY ROAD RETAINING WALL				
	Contractor's Other Charges				
D	General site clearance	Sum		£74,003.35	
E	EO excavate hard in bulk excavation	m3		£48.58	
G	Proof roll formation	m2		£0.44	
	Wall A				
H	Joints assumed at 12m centres	nr		£508.44	
	Wall B				
I	125x225 square kerb to extend wall alignment	m		£33.58	
	Wall A				
J	Kickers, chamfers & drip checks	item		£12,275.07	
	Wall B				
K	Joints in concrete assumed at 12m centres	nr		£267.42	
L	Joints in Brickwork assumed at 6m centres	nr		£47.25	
M	Chamfers & drip checks	item		£1,475.69	
N	Excavation & disposal for brick work foundation and working space to pile cap	m3		£30.46	
O	EO Break down & dispose of top of pile	m3		£221.47	
P	EO Hand excavation between piles	m3		£48.58	
Q	EO Excavation for hard	m3		£48.58	
R	Terram & P gravel infill to piles	nr		£138.37	
S	Reinstate footway	m2		£49.73	
T	Scaffolds	item		£6,940.30	
U	Edge protection	item		£4,858.21	
V	Temporary fences	item		£13,036.19	
W	Temporary vehicle barrier	item		£12,919.36	
X	General plant transport & labour	item		£74,774.39	
Y	Temporary relocation of bus stops & shelters	nr		£3,294.91	
	Wall A & B				
Z	Excavate soft and replace with suitable imported fill	m3		£48.72	
B6(4) - Retaining Wall - W1 - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	LINSAY ROAD RETAINING WALL				
	Wall B				
A	Tie in to existing structure	sum		£5,029.20	
B6(4) - Retaining Wall - W1 - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C	SUPERVISORY AND CONTROL SYSTEMS				
C1	SUPERVISORY AND CONTROL SYSTEMS				
C1(1)	TRAM POSITIONING AND DETECTION SYSTEM				
001	Loop Detector Fixed	nr		£0.00	
002	Loop Detector - Virtual or Fixed	nr		£0.00	
003	Ready to start detector	nr		£0.00	
004	Point indicators	nr		£0.00	
005	Signals including post and foundation. Heads to be LED	nr		£0.00	
006	Points indicator Left turn	nr		£0.00	
007	Road Crossing indicators	nr		£0.00	
008	Platform indicators	nr		£0.00	
009	Programmable Logic Controller (PLC) (including low power modem)	nr		£0.00	
010	Tramstop equipment cubicle	nr		£0.00	
011	Points Controller Cubicle (PCC) containing control for points motors, heating, indication, and temp and moisture sensor	nr		£0.00	
012	Fibre optic link between Points Controller Cubicle (PCC) and Programmable Logic Controller (PLC)	m		£0.00	
013	Fibre optic converters	nr		£0.00	
014	Comms cable from PLC to Loop transceiver	item		£0.00	
015	Fibre Optic Link between Highway control signals and PLC at adjacent tramstop	nr		£0.00	
016	Power supplies to PLC's (240V 50Hz)	nr		£0.00	
017	Inductive loop termination box	nr		£0.00	
018	Testing and Commissioning	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C1(1) - Sub-Section 1A - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C	SUPERVISORY AND CONTROL SYSTEMS				
C1	SUPERVISORY AND CONTROL SYSTEMS				
C1(1)	TRAM POSITIONING AND DETECTION SYSTEM				
001	Loop Detector Fixed	nr		£0.00	
002	Loop Detector - Virtual or Fixed	nr		£0.00	
003	Ready to start detector	nr			
004	Point indicators	nr		£0.00	
005	Signals including post and foundation. Heads to be LED	nr		£0.00	
006	Road Crossing indicators	nr		£0.00	
007	Platform indicators	nr		£0.00	
008	Programmable Logic Controller (PLC) (including low power modem)	nr		£0.00	
009	Tramstop equipment cubicle	nr		£0.00	
010	Points Controller Cubicle (PCC) containing control for points motors, heating, indication, and temp and moisture sensor	nr		£0.00	
011	Fibre optic link between Points Controller Cubicle (PCC) and Programmable Logic Controller (PLC)	m		£0.00	
012	Fibre optic converters	nr		£0.00	
013	Comms cable from PLC to Loop transceiver	item			
014	Fibre Optic Link between Highway control signals and PLC at adjacent tramstop	nr		£0.00	
015	Power supplies to PLC's (240V 50Hz)	nr		£0.00	
016	Inductive loop termination box	nr		£0.00	
017	Testing and Commissioning	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C1(1) - Sub-Section 1B - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C	SUPERVISORY AND CONTROL SYSTEMS				
C1	SUPERVISORY AND CONTROL SYSTEMS				
C1(1)	TRAM POSITIONING AND DETECTION SYSTEM				
001	Loop Detector Fixed	nr		£0.00	
002	Loop Detector - Virtual or Fixed	nr		£0.00	
003	Point indicators	nr		£0.00	
004	Signals including post and foundation. Heads to be LED	nr		£0.00	
005	Points indicator Left turn	nr		£0.00	
006	Road Crossing indicators	nr		£0.00	
007	Platform indicators	nr		£0.00	
008	Programmable Logic Controller (PLC) (including low power modem)	nr		£0.00	
009	Tramstop equipment cubicle	nr		£0.00	
010	Points Controller Cubicle (PCC) containing control for points motors, heating, indication, and temp and moisture sensor	nr		£0.00	
011	Fibre optic link between Points Controller Cubicle (PCC) and Programmable Logic Controller (PLC)	m		£0.00	
012	Fibre optic converters	nr		£0.00	
013	Comms cable from PLC to Loop transceiver	item		£0.00	
014	Fibre Optic Link between Highway control signals and PLC at adjacent tramstop	nr		£0.00	
015	Power supplies to PLC's (240V 50Hz)	nr		£0.00	
016	Inductive loop termination box	nr		£0.00	
017	Testing and Commissioning	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C1(1) - Sub-Section 1C - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C	SUPERVISORY AND CONTROL SYSTEMS				
C1	SUPERVISORY AND CONTROL SYSTEMS				
C1(1)	TRAM POSITIONING AND DETECTION SYSTEM				
001	Loop Detector Fixed	nr		£0.00	
002	Loop Detector - Virtual or Fixed	nr		£0.00	
003	Point indicators	nr		£0.00	
004	Signals including post and foundation. Heads to be LED	nr		£0.00	
005	Road Crossing indicators	nr		£0.00	
006	Platform indicators	nr		£0.00	
007	Programmable Logic Controller (PLC) (including low power modem)	nr		£0.00	
008	Tramstop equipment cubicle	nr		£0.00	
009	Points Controller Cubicle (PCC) containing control for points motors, heating, indication, and temp and moisture sensor	nr		£0.00	
010	Fibre optic link between Points Controller Cubicle (PCC) and Programmable Logic Controller (PLC)	m		£0.00	
011	Fibre optic converters	nr		£0.00	
012	Comms cable from PLC to Loop transceiver	item		£0.00	
013	Fibre Optic Link between Highway control signals and PLC at adjacent tramstop	nr		£0.00	
014	Power supplies to PLC's (240V 50Hz)	nr		£0.00	
015	Inductive loop termination box	nr		£0.00	
016	Testing and Commissioning	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C1(1) - Section 1D - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£925.37	
C3 - Newhaven Road Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
003	Power cable from TVM back to Equipment Cabinet (50 m per display unit assumed)	nr		£0.00	
004	Data cable link from TVM to comms node (50m per display unit assumed)	nr		£0.00	
C3(6)	Advertising Panels				
001	Advertising Panels - single sided, including foundations - not electronic.	nr			
002	Information Panels - double sided, including foundations - not electronic	nr		£925.37	
003	Information Panels - single sided, including foundations - not electronic	nr			
004	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
C3(7)	Wayside Equipment Cabinets				
001	Wayside Equipment Cabinets- stop equipment room or control box- metal unit 1-2m frontage up to 1m depth and 1.5m high.	nr		£0.00	
002	Foundations to Wayside Equipment Cabinet	Item		£490.25	
C3(8)	Testing and Commissioning				
001	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C3 - Newhaven Road Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£925.37	
C3 - Ocean Terminal Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
003	Power cable from TVM back to Equipment Cabinet (50 m per display assumed)	nr		£0.00	
004	Data cable link from TVM to comms node (50m per unit assumed)	nr		£0.00	
C3(6)	Advertising Panels				
001	Advertising Panels - single sided, including foundations - not electronic.	nr			
002	Information Panels - double sided, including foundations - not electronic	nr		£925.37	
003	Information Panels - single sided, including foundations - not electronic	nr			
004	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
C3(7)	Wayside Equipment Cabinets				
001	Wayside Equipment Cabinets- stop equipment room or control box- metal unit 1-2m frontage up to 1m depth and 1.5m high.	nr		£0.00	
002	Foundations to Wayside Equipment Cabinet	Item		£490.25	
C3(8)	Testing and Commissioning				
001	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C3 - Ocean Terminal Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£925.37	
C3 - Ocean Drive Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
003	Power cable from TVM back to Equipment Cabinet (50 m per display unit assumed)	nr		£0.00	
004	Data cable link from TVM to comms node (50m per display unit assumed)	nr		£0.00	
C3(6)	Advertising Panels				
001	Advertising Panels - single sided, including foundations - not electronic.	nr		£925.37	
002	Information Panels - double sided, including foundations - not electronic	nr		£925.37	
003	Information Panels - single sided, including foundations - not electronic	nr			
004	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
C3(7)	Wayside Equipment Cabinets				
001	Wayside Equipment Cabinets- stop equipment room or control box- metal unit 1-2m frontage up to 1m depth and 1.5m high.	nr		£0.00	
002	Foundations to Wayside Equipment Cabinet	Item		£490.25	
C3(8)	Testing and Commissioning				
001	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C3 - Ocean Drive Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£925.37	
C3 - Bernard Street Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
003	Power cable from TVM back to Equipment Cabinet (50 m per display unit assumed)	nr		£0.00	
004	Data cable link from TVM to comms node (50m per display unit assumed)	nr		£0.00	
C3(6)	Advertising Panels				
001	Advertising Panels - single sided, including foundations - not electronic.	nr		£925.37	
002	Information Panels - double sided, including foundations - not electronic	nr		£925.37	
003	Information Panels - single sided, including foundations - not electronic	nr			
004	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
C3(7)	Wayside Equipment Cabinets				
001	Wayside Equipment Cabinets- stop equipment room or control box- metal unit 1-2m frontage up to 1m depth and 1.5m high.	nr		£0.00	
002	Foundations to Wayside Equipment Cabinet	Item		£490.25	
C3(8)	Testing and Commissioning				
001	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C3 - Bernard Street Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£676.29	
C3 - Foot of the Walk Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
003	Power cable from TVM back to Equipment Cabinet (50 m per display assumed)	nr		£0.00	
004	Data cable link from TVM to comms node (50m per unit assumed)	nr		£0.00	
C3(6)	Advertising Panels				
001	Advertising Panels - single sided, including foundations - not electronic.	nr		£925.37	
002	Information Panels - double sided, including foundations - not electronic	nr		£925.37	
003	Information Panels - single sided, including foundations - not electronic	nr			
004	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
C3(7)	Wayside Equipment Cabinets				
001	Wayside Equipment Cabinets- stop equipment room or control box- metal unit 1-2m frontage up to 1m depth and 1.5m high.	nr		£0.00	
002	Foundations to Wayside Equipment Cabinet	Item		£490.25	
C3(8)	Testing and Commissioning				
001	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C3 - Foot of the Walk Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£676.29	
C3 - Balfour Street Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
003	Power cable from TVM back to Equipment Cabinet (50 m per display assumed)	nr		£0.00	
004	Data cable link from TVM to comms node (50m per unit assumed)	nr		£0.00	
C3(6)	Advertising Panels				
001	Advertising Panels - single sided, including foundations - not electronic.	nr			
002	Information Panels - double sided, including foundations - not electronic	nr		£676.29	
003	Information Panels - single sided, including foundations - not electronic	nr			
004	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
C3(7)	Wayside Equipment Cabinets				
001	Wayside Equipment Cabinets- stop equipment room or control box- metal unit 1-2m frontage up to 1m depth and 1.5m high.	nr		£0.00	
002	Foundations to Wayside Equipment Cabinet	Item		£366.11	
C3(8)	Testing and Commissioning				
001	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C3 - Balfour Street Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£676.29	
C3 - McDonald Road Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£676.29	
C3 - Picardy Place Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£676.29	
C3 - St Andrews Square Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
003	Power cable from TVM back to Equipment Cabinet (50 m per display unit assumed)	nr		£0.00	
004	Data cable link from TVM to comms node (50m per display unit assumed)	nr		£0.00	
C3(6)	Advertising Panels				
001	Advertising Panels - single sided, including foundations - not electronic.	nr		£676.29	
002	Information Panels - double sided, including foundations - not electronic	nr		£676.29	
003	Information Panels - single sided, including foundations - not electronic	nr			
004	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
C3(7)	Wayside Equipment Cabinets				
001	Wayside Equipment Cabinets- stop equipment room or control box- metal unit 1-2m frontage up to 1m depth and 1.5m high.	nr		£0.00	
002	Foundations to Wayside Equipment Cabinet	Item		£366.11	
C3(8)	Testing and Commissioning				
001	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C3 - St Andrews Square Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£676.29	
C3 - Princes Street Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
003	Power cable from TVM back to Equipment Cabinet (50 m per display unit assumed)	nr		£0.00	
004	Data cable link from TVM to comms node (50m per display unit assumed)	nr		£0.00	
C3(6)	Advertising Panels				
001	Advertising Panels - single sided, including foundations - not electronic.	nr		£676.29	
002	Information Panels - double sided, including foundations - not electronic	nr		£676.29	
003	Information Panels - single sided, including foundations - not electronic	nr			
004	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
C3(7)	Wayside Equipment Cabinets				
001	Wayside Equipment Cabinets- stop equipment room or control box- metal unit 1-2m frontage up to 1m depth and 1.5m high.	nr		£0.00	
002	Foundations to Wayside Equipment Cabinet	Item		£366.11	
C3(8)	Testing and Commissioning				
001	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C3 - Princes Street Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
C3	Tramstop Equipment				
C3(1)	CCTV				
	Image quality to secure convictions				
001	Camera's	nr		£0.00	
002	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
003	Vandal resistant CCTV dome type housings	nr		£0.00	
004	CCTV signage next to PHp	nr		£0.00	
C3(2)	Passenger Help Point				
001	Passenger Help Point mounted on Shelter	nr		£0.00	
002	No break power supply	Item		£0.00	
003	Vandal proof locking mechanism	nr		£0.00	
004	Emergency Call point	nr		£0.00	
005	Braille point	nr		£0.00	
C3(3)	Public Address				
001	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
002	Induction loop system (1 per location)	nr		£0.00	
003	Interface to the tramstop node	nr		£0.00	
C3(4)	Passenger Information Display				
001	Passenger information display - double sided	nr		£0.00	
002	Mounting brackets	nr		£0.00	
003	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
004	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3(5)	Ticket Vending Machine				
001	Ticket Vending Machine	nr		£0.00	
002	Base for ticket vending machine	nr		£676.29	
C3 - Shandwick Place Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
003	Power cable from TVM back to Equipment Cabinet (50 m per display unit assumed)	nr		£0.00	
004	Data cable link from TVM to comms node (50m per display unit assumed)	nr		£0.00	
C3(6)	Advertising Panels				
001	Advertising Panels - single sided, including foundations - not electronic.	nr			
002	Information Panels - double sided, including foundations - not electronic	nr		£676.29	
003	Information Panels - single sided, including foundations - not electronic	nr			
004	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
C3(7)	Wayside Equipment Cabinets				
001	Wayside Equipment Cabinets- stop equipment room or control box- metal unit 1-2m frontage up to 1m depth and 1.5m high.	nr		£0.00	
002	Foundations to Wayside Equipment Cabinet	Item		£366.11	
C3(8)	Testing and Commissioning				
001	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
	The Contractor has entered hereunder any specific item of work or obligation or service or any other thing which is necessary for the execution of the Works, as required by the Contract, which has been omitted from or has not been separately itemised elsewhere within the Pricing Schedule and for which a separate charge is required. The Contractor shall insert hereinafter such additional items and pages as he deems necessary and include same on the Collection Summary Sheets				
C3 - Shandwick Place Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Manufacture £	Works Test £	Ex Works £	Installation £	Testing & Commissioning £	Unit Rate	TOTAL £
D	E&P									
D1	Traction Power - Substations									
D1(1)1	11kv Feeders									
001	11 KV Feeders (incoming supply voltage) from Scottish Power.	nr							£0.00	
002	Incoming circuits and switch panels	nr							£0.00	
003	Feeder Circuits and Circuit breakers	nr							£0.00	
D1(2)	Substation Equipment - Leith Sands Substation									
001	Transformer - rectifiers 11kv ac/750 V dc 1200kW	nr							£0.00	
002	Rectifier Circuit Breakers	nr							£0.00	
003	Feeder Circuit Breakers	nr							£0.00	
004	750V dc feeder surge arresters	nr							£0.00	
005	Negative Busbar	nr							£0.00	
006	Batteries/chargers	nr							£0.00	
007	Control & Instrumentation	Item							£0.00	
008	Stray Current Monitoring Equipment	Item							£0.00	
009	Earthing & Bonding.	Item							£0.00	
D1(3)	CABLING									
001	750V dc cabling Rectifiers to Switchgear positive cables (quad 400mm2)	item							£0.00	
002	750V dc feeder cables substation to trackside feeder poles (positive 400mm2 connected both ends)	item							£0.00	
D1 - Leith Sands Substation - Page 1										£0.00

CEC00555850_0127

Item Code	DESCRIPTION	UNIT	QTY	Manufacture £	Works Test £	Ex Works £	Installation £	Testing & Commissioning £	Unit Rate	TOTAL £
D	E&P									
D1	Traction Power - Leith Walk Substation									
D1(1)1	11kv Feeders									
001	11 KV Feeders (incoming supply voltage) from Scottish Power.	nr							£0.00	
002	Incoming circuits and switch panels	nr							£0.00	
003	Feeder Circuits and Circuit breakers	nr							£0.00	
D1(2)	Substation Equipment									
001	Transformer - rectifiers 11kv ac/750 V dc 1200kW	nr							£0.00	
002	Rectifier Circuit Breakers	nr							£0.00	
003	Feeder Circuit Breakers	nr							£0.00	
004	750V dc feeder surge arresters	nr							£0.00	
005	Negative Busbar	nr							£0.00	
006	Batteries/chargers	nr							£0.00	
007	Control & Instrumentation	Item							£0.00	
008	Stray Current Monitoring Equipment	Item							£0.00	
009	Earthing & Bonding.	Item							£0.00	
D1(3)	CABLING									
001	750V dc cabling Rectifiers to Switchgear positive cables (quad 400mm2)	item							£0.00	
002	750V dc feeder cables substation to trackside feeder poles (positive 400mm2 connected both ends)	item							£0.00	
D1 - Leith Walk Substation - Page 1										£0.00

CEC00555850_0129

Item Code	DESCRIPTION	UNIT	QTY	Manufacture £	Works Test £	Ex Works £	Installation £	Testing & Commissioning £	Unit Rate	TOTAL £
D	E&P									
D1	Traction Power - Cathedral Substation									
D1(1)1	11kv Feeders									
001	11 KV Feeders (incoming supply voltage) from Scottish Power.	nr							£0.00	
002	Incoming circuits and switch panels	nr							£0.00	
003	Feeder Circuits and Circuit breakers	nr							£0.00	
D1(2)	Substation Equipment									
001	Transformer - rectifiers 11kv ac/750 V dc 1200kW	nr							£0.00	
002	Rectifier Circuit Breakers	nr							£0.00	
003	Feeder Circuit Breakers	nr							£0.00	
004	750V dc feeder surge arresters	nr							£0.00	
005	Negative Busbar	nr							£0.00	
006	Batteries/chargers	nr							£0.00	
007	Control & Instrumentation	Item							£0.00	
008	Stray Current Monitoring Equipment	Item							£0.00	
009	Earthing & Bonding.	Item							£0.00	
D1(3)	CABLING									
001	750V dc cabling Rectifiers to Switchgear positive cables (quad 400mm2)	item							£0.00	
002	750V dc feeder cables substation to trackside feeder poles (positive 400mm2 connected both ends)	item							£0.00	
D1 - Cathedral Substation - Page 1										£0.00

CEC00555850_0131

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
D2	OHLE				
	OHLE 1A				
	E&P				
	OHLE				
	CONTACT SYSTEMS - OVERHEAD LINE ELECTRIFICATION (OHLE)				
	Electrification Structures/Foundations				
	Support Structures Composite (all structures are priced to include for standard concrete foundations, including excavation and disposal costs)				
A	Plain Masts - complete with Self Supporting Anchor	nr		£0.00	
B	Headspan (Mid span supported from wires)	nr		£0.00	
C	Headspan Structure (Wall to Wall)	nr		£0.00	
D	Headspan Structure (Wall to Pole)	nr		£0.00	
E	Headspan Structure (pole to Pole)	nr		£0.00	
F	Pull off (Mid span wiring element only)	nr		£0.00	
G	Pull off at structure only (Single Pole and single track)	nr		£0.00	
H	Extra Over for Collision Barrier (PROVISIONAL)	nr		£1,005.84	
I	Extra over piled foundations (PROVISIONAL)	nr		£5,029.20	
	Cantilevers and Cantilever Structures				
	Cantilevers and Cantilever Structures Composite (all structures are priced to include for standard concrete foundations, including excavation and disposal costs)				
J	Two Track Cantilever Structure - complete	nr		£0.00	
K	Single Cantilevers (Back to Back)	nr		£0.00	
L	Single Cantilevers (Back to Back) with anchors	nr		£0.00	
M	Cantilevers - Pull/Push Off	nr		£0.00	
N	Cantilevers - Pull/Push Off with anchors	nr		£0.00	
O	Extra Over for Collision Barriers	nr		£1,005.84	
P	Extra over piled foundations	nr		£5,029.20	
	Wiring/Registration Tensioning Equipment - Anchors include for masts, ties, anchor plate and standard foundation				
Q	Fixed Terminated Achors - complete	nr		£0.00	
D2(1) - OHLE - Sub-Section 1A - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
D2	OHLE				
	OHLE 1A				
A	Balance weight anchors - complete	nr		£0.00	
	Insulators Support/Registration Assemblies				
B	Registrarions	nr		£0.00	
	Wiring Composite				
C	120mm2 Cu-Ag Contact Wire (including Jumpers & Knuckles)	m		£0.00	
	In Span Assemblies				
D	Section Insulators	nr		£0.00	
	Earthing/Bonding Bonds				
E	Section Pillar to Track	nr		£0.00	
F	Isolator/earth switch 'earth' bar to Section Pillar	nr		£0.00	
	Other OLE Installation				
G	Isolator Switches	nr		£0.00	
H	Isolator Pillars including Concrete Base (foundation only)	nr		£490.25	
	Signage				
I	Structure Number Plates	nr		£0.00	
J	Electrification Warning Signs	Item		£0.00	
	Testing and Commissioning				
K	Testing and Commissioning of all OHLE works	Sum		£0.00	
D2(1) - OHLE - Sub-Section 1A - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
D2	OHLE				
	OHLE 1A				
	Contractor's Other Charges				
	Foundations for OLE				
L	Centre poles	nr		£1,374.25	
L	Side poles	nr		£1,374.25	
L	Headspan Pole/wall	nr		£1,374.25	
L	Headspan poles	nr		£1,374.25	
D2(1) - OHLE - Sub-Section 1A - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
D2	OHLE				
D2(1)	CONTACT SYSTEMS – OVERHEAD LINE ELECTRIFICATION (OHLE)				
	Electrification Structures/Foundations				
D2(1)1	Support Structures				
	Composite (all structures are priced to include for standard concrete foundations, including excavation and disposal costs)				
001	Headspan Structure (Wall to Wall)	nr		£0.00	
002	Headspan Structure (Wall to Pole)	nr		£0.00	
003	Pull off (wall mount)	nr		£0.00	
004	Extra Over for Collision Barriers	nr		£0.00	
005	Extra over piled foundations	nr		£0.00	
D2(1)2	Cantilevers and Cantilever Structures				
	Composite (all structures are priced to include for standard concrete foundations, including excavation and disposal costs)				
001	Single Cantilevers (Back to Back)	nr		£1,004.43	
002	Single Cantilevers (Back to Back) with anchors	nr		£1,004.43	
003	Extra Over for Collision Barriers	nr		£0.00	
004	Extra over piled foundations	nr		£1,569.43	
D2(1)3	Wiring/Registration				
	Tensioning Equipment - Anchors include for masts, ties, anchor plate and standard foundation				
001	Fixed Terminated Anchors - complete	nr		£0.00	
D2(1)4	Insulators				
	Support/Registration Assemblies				
	Registrations	nr		£0.00	
D2(1)5	Wiring				
	Composite				
001	120mm2 Cu-Ag Contact Wire (including Jumpers & Knuckles)	m		£0.00	
D2(1) - OHLE - Sub-Section 1B - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
D2	OHLE				
D2(1)	CONTACT SYSTEMS – OVERHEAD LINE ELECTRIFICATION (OHLE)				
	Electrification Structures/Foundations				
D2(1)1	Support Structures				
	Composite (all structures are priced to include for standard concrete foundations, including excavation and disposal costs)				
001	Headspan Structure (Wall to Wall)	nr		£0.00	
002	Headspan Structure (Wall to Pole)	nr		£0.00	
003	Headspan Structure (Wall to Pole) with anchor on mast	nr		£0.00	
004	Headspan Structure (Pole to Pole)	nr		£0.00	
005	Pull off (Single pole but two track)	nr		£0.00	
006	Pull off at structure only (Single Pole and single track)	nr		£0.00	
007	Extra Over for Collision Barriers	nr		£0.00	
008	Extra over piled foundations	nr		£0.00	
D2(1)2	Cantilevers and Cantilever Structures				
	Composite (all structures are priced to include for standard concrete foundations, including excavation and disposal costs)				
001	Two Track Cantilever Structure - complete	nr		£1,004.43	
002	Single Cantilevers (Back to Back)	nr		£1,004.43	
003	Single Cantilevers (Back to Back) with anchor	nr		£1,004.43	
004	Cantilevers - Pull/Push Off	nr		£1,004.43	
005	Cantilevers - Pull/Push Off with anchor	nr		£1,004.43	
006	Cantilevers - Pull/Push Off - Long Reach	nr		£0.00	
007	Extra Over for Collision Barriers	nr		£0.00	
008	Extra over piled foundations	nr		£1,506.65	
D2(1)3	Wiring/Registration				
	Tensioning Equipment - Anchors include for masts, ties, anchor plate and standard foundation				
001	Fixed Terminated Anchors - complete	nr		£0.00	
D2(1) - OHLE - Sub-Section 1C - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
D2	OHLE				
D2(1)	CONTACT SYSTEMS – OVERHEAD LINE ELECTRIFICATION (OHLE)				
D2(1)4	Insulators				
	Support/Registration Assemblies				
001	Registrations	nr		£0.00	
002	Secondary Insulators at Headspan Structures (Wall to Wall)	nr		£0.00	
003	Secondary Insulators at Headspan Structures (Wall to Pole)	nr		£0.00	
D2(1)5	Wiring				
	Composite				
001	120mm ² Cu-Ag Contact Wire (including Jumpers & Knuckles)	m		£0.00	
D2(1)6	In Span Assemblies				
001	Section Insulators	nr		£0.00	
D2(1)7	Earthing/Bonding				
	Bonds				
001	Section Pillar to Track	nr		£0.00	
002	Isolator/earth switch 'earth' bar to Section Pillar	nr		£0.00	
D2(1)8	Other OLE Installation				
001	Isolator Switches	nr		£0.00	
002	Isolator Pillars including Concrete Base	nr		£878.88	
D2(1)9	Signage				
001	Structure Number Plates	nr		£0.00	
002	Electrification Warning Signs	Item		£0.00	
D2(1)10	Testing and Commissioning				
001	testing and commissioning of all OHLE works	sum		£0.00	
D2(1) - OHLE - Sub-Section 1C - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
D2	OHLE				
D2(1)	CONTACT SYSTEMS – OVERHEAD LINE ELECTRIFICATION (OHLE)				
	Electrification Structures/Foundations				
D2(1)1	Support Structures				
	Composite (all structures are priced to include for standard concrete foundations, including excavation and disposal costs)				
001	Headspan Structure (Wall to Wall)	nr		£0.00	
002	Headspan Structure (Wall to Pole)	nr		£0.00	
003	Headspan Structure (pole to Pole)	nr		£0.00	
004	Extra Over for Collision Barriers	nr		£0.00	
005	Extra over piled foundations	nr		£0.00	
D2(1)2	Cantilevers and Cantilever Structures				
	Composite (all structures are priced to include for standard concrete foundations, including excavation and disposal costs)				
001	Single Cantilevers (Back to Back)	nr		£1,087.06	
002	Single Cantilevers (Back to Back) with anchor	nr		£1,087.06	
003	Extra Over for Collision Barriers	nr		£0.00	
004	Extra over piled foundations	nr		£1,630.60	
D2(1)3	Wiring/Registration				
	Tensioning Equipment - Anchors include for masts, ties, anchor plate and standard foundation				
001	Fixed Terminated Anchors - complete	nr		£0.00	
D2(1)4	Insulators				
	Support/Registration Assemblies				
001	Registrations	nr		£0.00	
002	Secondary Insulators at Headspan Structures (Wall to Wall)	nr		£0.00	
D2(1) - OHLE - Sub-Section 1D - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
D	E&P				
D2	OHLE				
D2(1)	CONTACT SYSTEMS – OVERHEAD LINE ELECTRIFICATION (OHLE)				
D	E&P				
D2	OHLE				
D2(1)	CONTACT SYSTEMS – OVERHEAD LINE Electrification Structures/Foundations				
D2(1)1	Support Structures				
	Composite (all structures are priced to include				
001	Headspan Structure (Wall to Wall)	nr		£0.00	
002	Headspan Structure (Wall to Pole)	nr			
003	Headspan Structure (pole to Pole)	nr			
004	Extra Over for Collision Barriers	nr			
005	Extra over piled foundations	nr			
D2(1)2	Cantilevers and Cantilever Structures				
	Composite (all structures are priced to include				
001	Single Cantilevers (Back to Back)	nr		£3,662.72	
002	Single Cantilevers (Back to Back) with anchor	nr			
003	Extra Over for Collision Barriers	nr			
004	Extra over piled foundations	nr			
D2(1)3	Wiring/Registration				
	Tensioning Equipment - Anchors include for				
001	Fixed Terminated Anchors - complete	nr			
D2(1)4	Insulators				
	Support/Registration Assemblies				
001	Registrations	nr		£0.00	
002	Secondary Insulators at Headspan Structures (Wall	nr			
D2(1) - OHLE - Sub-Section 1D - Page 4					£0.00

Item Code	DESCRIPTION	TOTAL £
	Preliminaries & General Items	£4,438,367.45
	Method Related Charges	£15,170,174.79
A1	Trams	
B1	Track and Formation	£8,446,430.49
B2	Tramstops	£1,945,792.25
B3	Depots	
B4	Highways	£11,904,459.66
B5	Buildings	£471,426.83
B6	Structures	£4,086,348.62
C1	Supervisory and Control System	£0.00
C2	Comms	
C3	Tramstop Equipment	£33,228.73
C4	Depot Equipment	
D1	Traction Power	£0.00
D2	OHLE	£425,963.27
	Section B - Total	£46,922,192.09