



**THIS IS SCHEDULE PART 4 REFERRED TO IN THE
FOREGOING AGREEMENT BETWEEN TIE AND THE
INFRACO**

SCHEDULE PART 4

PRICING

CONTENTS

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- 3.0 Schedules of Rates

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- A Schedules of Rates
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- C Network Rail Immunisation

1.0 GENERALLY

- 1.1 The Construction Works Price is the aggregate of the Off Street Works Price and the On Street Works Contract Price as set out in the table in paragraph 2.1 of this Schedule Part 4 (Pricing).
- 1.2 Subject to Schedule Part 45 (On Street Works), the Construction Works Price is on a lump sum basis that is fixed until completion of the Infraco Works and not subject to variation except in accordance with the provisions of this Agreement.
- 1.3 References to clause numbers in Part 4 of this Schedule are to clauses in the Infraco Contract unless otherwise stated.
- 1.4 All rates, lump sums and the like contained in this Schedule Part 4 are exclusive of Value Added Tax and are in Pounds Sterling.

2.0 DEFINITIONS USED IN THIS SCHEDULE

- 2.1 The "**Contract Price**" comprises capital expenditure as follows:

Contract Price Analysis	£
Off Street Works Price	£362,500,000
On Street Works Contract Price	£47,384,510
Construction Works Price	£409,884,510
Infraco maintenance mobilisation	£2,205,311
Infraco initial spare parts	£1,013,090
Total of capital expenditure	£413,102,911

3.0 SCHEDULES OF RATES

- 8.1 Rates for certain items have been established for determining the value of **tie** Changes (other than On Street Works tie Changes) as noted in Appendix A.
- 8.2 Rates for SDS are as noted in the SDS Agreement / SDS Novation Agreement which also set out the mechanism that shall apply in respect of any design associated with **tie** Changes (other than On Street Works tie Changes).

APPENDIX A
SCHEDULE OF RATES

**EDINBURGH TRAM NETWORK
SCHEDULE PART 4: RATES**

FOR CLARIFICATION

PAGES 1 TO 12 AND 331 DO NOT EXIST

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Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
	NEW DRAINAGE				
	SECTION 2				
	PIPEWORK - PIPES				
	Concrete pipes Class H				
D	Nominal bore 300mm in trenches, depth: 1.70m to i/L Bedding: Gran B&S	m		£110.53	
E	Nominal bore 375mm in trenches, depth: 1.80m to i/L Bedding: Gran B&S	m		£124.88	
F	Nominal bore 450mm in trenches, depth: 1.90m to i/L Bedding: Gran B&S	m		£143.83	
G	Nominal bore 525mm in trenches, depth: 2.00m to i/L Bedding: Gran B&S	m		£178.11	
H	Nominal bore 600mm in trenches, depth: 2.10m to i/L Bedding: Gran B&S	m		£209.23	
I	Nominal bore 750mm in trenches, depth: 2.30m to i/L Bedding: Gran B&S	m		£273.64	
J	Nominal bore 900mm in trenches, depth: 2.75m to i/L Bedding: Gran B&S	m		£365.99	
K	Nominal bore 1050mm in trenches, depth: 3.00m to i/L Bedding: Gran B&S	m		£443.79	
L	Hydrobrake	nr		£4,375.00	
Section 2 - Page 1					£0.00

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B1 - Sub-Section 5A
Section A

B1 - Sub-Section 5A
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B1	TRACK AND FORMATION				
	SUB - SECTION 5A				
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 trackform; 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		£318.57	
002	Direct fixing on Bridges, Viaducts etc.	m		£0.00	
003	Ballasted Track	m		£310.56	
B1(1)3	Extra Over Items				
001	Bonding/earth mats	Item		£0.00	
B1(3)	Drainage				
	Track Drainage				
001	Track drainage to include gullies and connection into existing main carrier drain	m		£107.63	
002	New carrier drain	m		£66.19	
B1(4)	Cable Routes				
001	Multi way cable duct min cover 750mm	m		£32.33	
002	Draw Pit (code 1586)	nr		£1,144.39	
003	Isolator Pit (Code A 1586)	nr		£1,144.39	
B1(5)	Fencing and Track Barriers				
001	Segregated track : entirely separate from road corridors : fencing	m		£124.91	
002	Noise barriers	m		£356.93	
B1 - Sub-Section 5A - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B1	TRACK AND FORMATION				
B1	TRACK AND FORMATION				
	SUB - SECTION 5A				
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 trackform; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector ma				
001	Pre-Cast Rail Beams with pre-cast infill Units.	m			
002	Direct fixing on Bridges, Viaducts etc.	m			
003	Ballasted Track	m		£97.43	
B1(1)3	Extra Over Items				
001	Bonding/earth mats	Item		£0.00	
B1(3)	Drainage				
	Track Drainage				
001	Track drainage to include gullies and connection into existing main carrier drain	m		£93.59	
002	New carrier drain	m		£89.35	
B1(4)	Cable Routes				
001	Multi way cable duct min cover 750mm	m		£42.76	
002	Draw Pit (code 1586)	nr		£532.36	
003	Isolator Pit (Code A 1586)	nr		£532.36	
B1(5)	Fencing and Track Barriers				
001	Segregated track : entirely separate from road corridors : fencing	m		£37.25	
002	Noise barriers	m		£353.27	
B1 - Sub-Section 5A - Page 3					£0.00

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B1 - Sub-Section 5C
Section A

B1 - Sub-Section 5C
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B1	TRACK AND FORMATION				
	SECTION 5C				
	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 trackform; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector ma				
1	Pre-Cast Rail Beams with in-situ concrete infill	m		£401.37	
1	Pre-Cast Rail Beams with grass infill	m		£205.32	
2	Pre-Cast Track Panels with in-situ concrete infill in Tramstops	m		£401.37	
	B1(1)3				
	Extra Over Items				
4	Bonding/earth mats	Item			
B1 - Sub-Section 5C - Page 1					£0.00

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B1 - Sub-Section 5C
Section A

B1 - Sub-Section 5C
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B1	TRACK AND FORMATION				
	B1(3)				
	Drainage				
	Track Drainage				
1	Track drainage to include gullies and connection into existing main carrier drain	m		£122.25	
2	New carrier drain	m		£49.22	
	B1(4)				
	Cable Routes				
3	Multi way cable duct	m		£68.50	
4	Draw Pit (code 1586)	nr		£2,021.41	
5	Isolator Pit (Code A 1586)	nr		£3,335.84	
	B1(5)				
	Fencing and Track Barriers				
	Segregated track : entirely separate from road corridors : fencing				
6	*** Agricultural Type Fence***	m		£24.20	
7	Noise barriers	m		£363.00	
	B1(6)				
	Miscellaneous				
	Earthworks				
8	Bulk excavation to reduce levels	m3		£1.88	
9	Disposal off site of excavated material	m3		£20.00	
10	Bulk Fill to make up levels	m3		£30.73	
11	Compaction of bulk fill	m3		£0.70	
	B1(7)				
	Testing and Commissioning				
	testing and commissioning of all Track and Formation works	sum		£0.00	
B1 - Sub-Section 5C - Page 2					£0.00

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B1 - Sub-Section 5C
Section A

B1 - Sub-Section 5C
Section A

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 else				
1	Install and Remove Temporary 4m wide Access Roads to Gogar Burn Stop	m		£74.45	
2	Site Clearance of buildings, trees and shrubs	Sum		£47,050.85	
3	Remove Topsoil from Track and reinstale side after completion of track laying	m		£73.17	
4	Tempoary Fencing to Wayleave	Sum		£15,728.43	
	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 else				
	Overhead line Equipment Poles				
	Foundation for overhead cable pole				
5	3500x1500x750mm c/w 300mm PVC Sleeve to receive column	nr		£1,052.02	
B1 - Sub-Section 5C - Page 3					£0.00

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B1 - Sub-Section 5C
Section A

B1 - Sub-Section 5C
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B1	TRACK AND FORMATION				
B1	TRACK AND FORMATION				
	SECTION 5C				
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 trackform; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector ma				
001	Pre-Cast Rail Beams with pre-cast infill Units.	m		£306.80	
002	Pre-Cast Track Panels with pre-cast infill Units.	m		£237.49	
003	Direct fixing on Bridges, Viaducts etc.	m		£0.00	
B1(1)3	Extra Over Items				
001	Bonding/earth mats	Item		£0.00	
B1(2)	Points & Points Machines Switches and Crossings				
	Items coverage to include for all works associated with the complete construction of the trackform; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector ma				
001	Turnouts complete including mechanical points set installed in preformed track panels.	nr		£0.00	
002	Diamonds	nr		£0.00	
003	Points Heating	Item		£0.00	
B1 - Sub-Section 5C - Page 4					£0.00

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Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
	NEW DRAINAGE				
	SECTION 5				
	PIPEWORK - PIPES				
	Clay pipes				
A	Nominal bore 150mm in trenches, depth: 1.25m to I/L Bedding: Gran B&S Gully Connections	m		£84.41	
B	Nominal bore 150mm in trenches, depth: 1.40m to I/L Bedding: Gran B&S	m		£74.81	
C	Nominal bore 225mm in trenches, depth: 1.50m to I/L Bedding: Gran B&S	m		£96.29	
	Concrete pipes Class H				
D	Nominal bore 300mm in trenches, depth: 1.70m to I/L Bedding: Gran B&S	m		£110.53	
F	Nominal bore 450mm in trenches, depth: 1.90m to I/L Bedding: Gran B&S	m		£143.83	
G	Nominal bore 525mm in trenches, depth: 2.00m to I/L Bedding: Gran B&S	m		£178.11	
H	Nominal bore 600mm in trenches, depth: 2.10m to I/L Bedding: Gran B&S	m		£209.23	
J	Nominal bore 750mm in trenches, depth: 2.30m to I/L Bedding: Gran B&S	m		£273.64	
L	Nominal bore 900mm in trenches, depth: 2.75m to I/L Bedding: Gran B&S	m		£365.99	
Section 5 - Page 1					-£0.01

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Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	REPLACED DRAINAGE				
	SECTION 5				
B1(3)	Drainage				
	Track Drainage				
001	Track drainage to include gullies and connection into existing main carrier drain	m		£107.63	£0.00
002	New carrier drain	m		£66.19	£0.00
B1(3)	Drainage				
	Track Drainage				
001	Track drainage to include gullies and connection into existing main carrier drain	m		£93.59	£0.00
002	New carrier drain	m		£89.35	£0.00
B1(3)	Drainage				
	Track Drainage				
001	Track drainage to include gullies and connection into existing main carrier drain	m		£93.59	£0.00
002	New carrier drain	m		£89.35	£0.00
					£0.00
B1(3)	Drainage				
	Track Drainage				
1	Track drainage to include gullies and connection into existing main carrier drain	m		£122.25	£0.00
2	New carrier drain	m		£49.22	£0.00
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		£804.93	£0.00
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		£688.18	£0.00
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		£688.18	£0.00
	Drainage & Service Ducts				
2	Gully including connection to existing drainage system	nr		£358.77	£0.00
					Section 5 - Page 3
					£0.00

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B1 - Sub-Section 7A
Section A

B1 - Sub-Section 7A
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	TRACK AND FORMATION				
	SECTION 7A				
	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 trackform; to include where appropriate excavation, preparation of sub grade, insitu concrete works and associated formwork, anti-crack and stray current collector ma				
1	Pre-Cast Rail Beams with in-situ concrete infill	m		£401.37	
1	Pre-Cast Rail Beams with blacktop infill (blacktop assumed measured elsewhere in Highways section)	m		£298.22	
1	Pre-Cast Rail Beams with grass infill	m		£205.32	
1	Pre-Cast Rail Beams with insitu concrete infill at Tran	m		£401.37	
2	Direct fixing on Bridges, Viaducts etc.	m		£0.00	
3	Ballasted Track	m		£148.41	
	B1(1)3				
	Extra Over Items				
4	Bonding/earth mats	Item		£0.00	
	B1(2)				
	Points & Points Machines				
	Switches and Crossings				
	Items coverage to include for all works associated with the complete construct				
5	Turnouts complete including points motors, tail cable	nr		£4,521.32	
6	Crossovers complete including points motors, tail cat	nr		£4,521.32	
7	Diamonds	nr		£4,521.32	
8	Buffer stops	nr		£4,521.32	
B1 - Sub-Section 7A - Page 1					£0.00

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B1 - Sub-Section 7A
Section A

B1 - Sub-Section 7A
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	TRACK AND FORMATION				
1	Points Heating	Item		£4,521.32	
	B1(3)				
	Drainage				
	Track Drainage				
2	Track drainage to include gullies and connection into existing main carrier drain	m		£122.25	
3	New carrier drain	m		£49.22	
	B1(4)				
	Cable Routes				
4	Six way cable duct	m		£68.50	
5	Draw Pit (code 1586)	nr		£2,021.41	
6	Isolator Pit (Code A 1586)	nr		£3,335.84	
	B1(5)				
	Fencing and Track Barriers				
7	Segregated track : entirely separate from road corridors : fencing (provisional Rate as special unknown)	m		£24.20	
	B1(6)				
	Miscellaneous				
	Earthworks				
8	Bulk excavation to reduce levels	m3		£1.88	
9	Disposal off site of excavated material	m3		£20.00	
10	Bulk Fill to make up levels	m3		£33.24	
11	Compaction of bulk fill	m3		£0.70	
	B1(7)				
	Testing and Commissioning				
12	testing and commissioning of all Track and Formation works	sum		£0.00	
B1 - Sub-Section 7A - Page 2					£0.00

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Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	NEW DRAINAGE				
	SECTION 7				
	PIPEWORK - PIPES				
	Clay pipes				
A	Nominal bore 150mm in trenches, depth: 1.25m to I/L. Bedding: Gran B&S Gully Connections	m		£84.41	
B	Nominal bore 150mm in trenches, depth: 1.40m to I/L. Bedding: Gran B&S	m		£74.81	
C	Nominal bore 225mm in trenches, depth: 1.50m to I/L. Bedding: Gran B&S	m		£96.29	
	Concrete pipes Class H				
D	Nominal bore 300mm in trenches, depth: 1.70m to I/L. Bedding: Gran B&S	m			
F	Nominal bore 450mm in trenches, depth: 1.90m to I/L. Bedding: Gran B&S	m			
G	Nominal bore 525mm in trenches, depth: 2.00m to I/L. Bedding: Gran B&S	m			
H	Nominal bore 600mm in trenches, depth: 2.10m to I/L. Bedding: Gran B&S	m		£209.23	
J	Nominal bore 750mm in trenches, depth: 2.30m to I/L. Bedding: Gran B&S	m		£273.64	
L	Nominal bore 900mm in trenches, depth: 2.75m to I/L. Bedding: Gran B&S	m		£365.99	
	MANHOLES AND PIPEWORK ANCILLARIES				
Section 7 - Page 1					£0.00

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Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	SECTION 7				
	Manholes				
	Precast concrete 1050				
M	Depth: not exceeding 1.00m	nr		£827.64	
N	Depth: not exceeding 2.00m	nr		£1,163.14	
	Precast concrete 1200				
O	Depth: not exceeding 2.00m	nr		£1,468.68	
P	Depth: not exceeding 3.00m	nr		£1,853.00	
Q	Depth: not exceeding 5.00m	nr			
R	Depth: not exceeding 6.00m	nr			
	Precast concrete 1350				
S	Depth: not exceeding 1.00m	nr			
	Precast concrete 1500				
T	Depth: not exceeding 1.00m	nr		£1,369.01	
U	Depth: not exceeding 2.00m	nr		£1,915.76	
	Precast concrete 1800				
V	Depth: not exceeding 1.00m	nr		£1,803.56	
W	Depth: not exceeding 2.00m	nr		£2,493.30	
X	Depth: not exceeding 3.00m	nr		£3,171.29	
Y	Depth: not exceeding 4.00m	nr			
YA	Depth: not exceeding 5.00m	nr		£4,928.10	
	Precast concrete 3000				
YB	Depth: not exceeding 1.00m	nr		£4,234.89	
YC	Depth: not exceeding 2.00m	nr			
YD	Depth: not exceeding 3.00m	nr		£7,542.51	
Section 7 - 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		£17,953.48	
B2(2)	Fencing				
	Safety Barriers and Handrails to Platforms and Ramps				
001	Galvanised steel fencing on platforms - powder coated with quality finish hand rail - height 1.25 - 1.5m. Includes foundation works.	m		£119.36	
B2(3)	Platforms				
001	Side Platforms	nr		£23,795.20	
002	Platform Finishes	Item		£17,846.40	
003	Drainage	m		£208.21	
004	Tactiles	Item		£8,923.20	
005	Provision for mobility impaired	Item		£594.88	
006	Platform Ducting	m		£17.85	
	Access Routes				
006	7m access ramps to side platforms.	m		£0.00	Included
B2(4)	Lighting & Signage				
	Lighting Columns Including Foundation.				
001	Lighting Column complete on Side Platforms - (single luminary)	nr		£1,189.76	
	Cabling				
002	Wiring to columns	m		£0.00	
003	Isolator /power supply	nr		£0.00	
	Name plates				
004	Name plates for side platforms	nr		£0.00	
005	Stop Logo	nr		£0.00	
B2 - Haymarket Tramstop - Page 1					£0.00

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Murrayfield
Section A

Murrayfield
Section A

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		£17,953.48	
B2(2)	Fencing				
	Safety Barriers and Handrails to Platforms and Ramps				
001	Galvanised steel fencing on platforms - powder coated with quality finish hand rail - height 1.25 - 1.5m. Includes foundation works.	m		£119.36	
B2(3)	Platforms				
001	Side Platforms	nr		£23,795.20	
002	Platform Finishes	Item		£17,846.40	
003	Drainage	m		£208.21	
004	Tactiles	Item		£8,923.20	
005	Provision for mobility impaired	Item		£5,948.80	
006	Platform Ducting	m		£17.85	
	Access Routes				
006	7m access ramps to side platforms.	No		£0.00	Included
B2(4)	Lighting & Signage				
	Lighting Columns Including Foundation.				
001	Lighting Column complete on Side Platforms - (single luminary)	nr		£1,189.76	
	Cabling				
002	Wiring to columns	m		£0.00	
003	Isolator /power supply	nr		£0.00	
	Name plates				
004	Name plates for side platforms	nr		£0.00	
005	Stop Logo	nr		£0.00	
B2 - Murrayfield Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£438.56	
003	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
004	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£617.59	
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£0.00	
002	Passenger Help Point	Item		£0.00	
003	Public Address	Item		£0.00	
004	Passenger Information Display	Item		£0.00	
005	Ticket Vending Machine	Item		£0.00	
006	Advertising Panels	Item		£0.00	
007	Stop Phone	Item		£0.00	
008	Local Directional Panel	Item		£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				
	Provisional Sum for Lift Installation	item		£41,641.60	
	Provisional Sum for Lift Enclosure incl pit & roof	item		£29,744.00	
	Provisional Sum for 3m high metal fence to match existing Network Rail fence	item		£11,897.60	
	Provisional Sum for Access Gates	item		£11,897.60	
	Provisional Sum for Additional Paving over and above that shown on Exemplar Tramstop	item		£23,795.20	
	Provisional Sum for Access Steps (Not the "Fan" Steps)	item		£29,744.00	
	Provisional Sum for Extra Over for Pedestrian Crossing across tram track.	item		£5,948.80	
	B2 - Murrayfield 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		£17,628.19	
002	8m Enclosed Shelter on Side Platform - Steel Shelter and canopy, with integral lighting.	nr		£17,628.19	
B2(3)	Platforms				
001	Side Platforms	nr		£11,295.44	
002	Platform Finishes	Item		£22,891.57	
003	Drainage	m		£53.21	
004	Tactiles	Item		£0.00	
005	Provision for mobility impaired	Item		£2,757.82	
006	Platform Ducting	m		£53.21	
	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		£1,645.57	
	Cabling				
002	Wiring to columns	m		£23.55	
003	Isolator /power supply	nr		£0.00	
	Name plates				
004	Name plates for side platforms	nr		£0.00	
005	Stop Logo	nr		£0.00	
B2 - South Gyle Access Tramstop - Page 1					£0.00

BBS Consortium
Bilfinger Berger - Siemens

South Gyle Access
Section A

South Gyle Access
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£845.65	
002	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
003	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£675.11	
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£33.35	
002	Passenger Help Point	Item		£74.22	
003	Public Address	Item		£74.22	
004	Passenger Information Display	Item		£74.22	
005	Ticket Vending Machine	Item		£74.22	
006	Advertising Panels	Item		£74.22	
007	Stop Phone	Item		£74.22	
008	Local Directional Panel	Item		£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				
9	Stainless steel metal benching with backrests	No		£2,044.39	
10	Rear of Platform Fencing	m		£117.76	
B2 - South Gyle Access 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		£17,628.19	
002	8m Enclosed Shelter on Side Platform - Steel Shelter and canopy, with integral lighting.	nr		£17,628.19	
B2(2)	Fencing				
	Safety Barriers and Handrails to Platforms and Ramps				
001	Galvanised steel fencing on platforms - powder coated with quality finish hand rail - height 1.25 - 1.5m. Includes foundation works.	m		£117.76	
B2(3)	Platforms				
001	Side Platforms	nr		£11,295.44	
002	Platform Finishes	Item		£22,891.57	
003	Drainage	m		£53.21	
004	Tactiles	Item		£0.00	
005	Provision for mobility impaired	Item		£2,757.82	
006	Platform Ducting	m		£53.21	
	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		£1,351.18	
	Cabling				
002	Wiring to columns	m		£23.55	
003	Isolator /power supply	nr		£0.00	
B2 - Edinburgh Park Stop Tramstop - Page 1					£0.00

BBS Consortium
 Billfinger Berger - Siemens

Edinburgh Park Stop
 Section A

Edinburgh Park Stop
 Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	Name plates				
004	Name plates for side platforms	nr		£0.00	
005	Stop Logo	nr		£0.00	
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£659.59	
002	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
003	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£675.11	
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£33.35	
002	Passenger Help Point	Item		£74.22	
003	Public Address	Item		£74.22	
004	Passenger Information Display	Item		£74.22	
005	Ticket Vending Machine	Item		£74.22	
006	Advertising Panels	Item		£74.22	
007	Stop Phone	Item		£74.22	
	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	Stainless steel metal benching with backrests	No		£2,044.39	
B2 - Edinburgh Park Stop 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		£17,628.19	
002	8m Enclosed Shelter on Side Platform - Steel Shelter and canopy, with integral lighting.	nr		£17,628.19	
B2(3)	Platforms				
001	Side Platforms	nr		£11,295.44	
002	Platform Finishes	Item		£22,891.57	
003	Drainage	m		£53.21	
004	Tactiles	Item		£0.00	
005	Provision for mobility impaired	Item		£2,757.82	
006	Platform Ducting	m		£53.21	
	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		£1,645.57	
	Cabling				
002	Wiring to columns	m		£23.55	
003	Isolator /power supply	nr		£0.00	
	Name plates				
004	Name plates for side platforms	nr		£0.00	
005	Stop Logo	nr		£0.00	
B2 - Edinburgh Park Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£845.65	
002	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
003	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£675.11	
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£33.35	
002	Passenger Help Point	Item		£74.22	
003	Public Address	Item		£74.22	
004	Passenger Information Display	Item		£74.22	
005	Ticket Vending Machine	Item		£74.22	
006	Advertising Panels	Item		£74.22	
007	Stop Phone	Item		£74.22	
	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	Stainless steel metal benching with backrests	No		£2,044.39	
9	Rear of Platform Fencing	m		£117.76	
B2 - Edinburgh Park Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
B2(5)	Ancillary Equipment				
001	Stainless Steel Cycle parking units	nr		£845.65	
002	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
003	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£675.11	
B2(6)	Equipment Interfaces				
	Interface only, Equipment measured under Item Code C3				
001	CCTV	Item		£33.35	
002	Passenger Help Point	Item		£74.22	
003	Public Address	Item		£74.22	
004	Passenger Information Display	Item		£74.22	
005	Ticket Vending Machine	Item		£74.22	
006	Advertising Panels	Item		£74.22	
007	Stop Phone	Item		£74.22	
	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	Stainless steel metal benching with backrests	No		£2,044.39	
9	Rear of Platform Fencing	m		£117.76	
B2 - The Gyle Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	B2(1)				
	Waiting Shelters				
12	8m Enclosed Shelter on Side Platform - Steel Shelter and canopy, with integral lighting.	nr		£18,258.90	
	B2(3)				
	Platforms				
13	Side Platforms	nr		£22,015.91	
14	Platform Finishes	Item		£10,698.99	
15	Drainage	m		£204.27	
16	Tactiles	Item		£1,353.70	
17	Provision for mobility impaired (Platform Only)	Item		£915.99	
18	Platform Ducting	m		£78.19	
	Access Routes				
19	7m access ramps to side platforms.	nr		£3,844.47	
	B2(4)				
	Lighting & Signage				
	Lighting Columns Including Foundation.				
20	Lighting Column complete on Side Platforms - (single luminary)	nr		£1,658.39	
	Cabling				
21	Wiring to columns	m		£16.13	
22	Isolator /power supply	nr		£672.16	
	Name plates				
23	Name plates for side platforms	nr		£0.00	
24	Stop Logo	nr		£0.00	
	B2(5)				
	Ancillary Equipment				
25	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
26	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£2,230.78	
26	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£780.37	
B2 - Gogar Burn Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	B2(1)				
	Waiting Shelters				
9	8m Enclosed Shelter on Side Platform - Steel Shelter and canopy, with integral lighting.	nr		£18,258.90	
	B2(3)				
	Platforms				
10	Side Platforms	nr		£22,015.91	
11	Platform Finishes	Item		£10,698.99	
12	Drainage	m		£204.27	
13	Tactiles	Item		£1,353.70	
14	Provision for mobility impaired	Item		£915.99	
15	Platform Ducting	m		£78.19	
	Access Routes				
16	7m access ramps to side platforms.	nr		£3,844.47	
	B2(4)				
	Lighting & Signage				
	Lighting Columns Including Foundation.				
17	Lighting column complete on Island Platforms - (single luminaries)	nr		£2,128.90	
	Cabling				
18	Wiring to columns	m		£16.13	
19	Isolator /power supply	nr		£672.16	
	Name plates				
20	Name plates for Island platforms	nr		£0.00	
21	Stop Logo	nr		£0.00	
	B2(5)				
	Ancillary Equipment				
22	Stainless Steel Cycle parking units	nr		£424.81	
23	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£2,230.78	
B2 - Ingliston Park & Ride Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
1	Stainless Steel Perch Seating within Shelter.	nr		£0.00	
2	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£780.37	
3	Equipment Interfaces Interface only, Equipment measured under Item Code C3				
4	Passenger Help Point	Item		£0.00	
5	Public Address	Item		£0.00	
6	Passenger Information Display	Item		£0.00	
7	Ticket Vending Machine	Item		£0.00	
8	Advertising Panels	Item		£0.00	
9	Stop Phone	Item		£0.00	
	Contractor's Other Charges				
10	The Contractor has entered hereunder any specific it	note		£0.00	
B2 - Ingliston Park & Ride Tramstop - Page 2					£0.00

BBS Consortium
Bilfinger Berger - Siemens

Airport
Section A

Airport
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B2	Tramstops				
	B2(1)				
	Waiting Shelters				
11	8m single cantilever Shelter on Island platform - Steel Shelter and canopy, with intergral lighting. Cantilevered shelter	nr		£17,002.40	
	B2(3) Platforms				
12	Island Platform - Foundations	nr		£15,772.94	
13	Platform Finishes	Item		£10,698.99	
14	Drainage	m		£205.60	
15	Tactiles	Item		£1,353.70	
16	Provision for mobility impaired (Platform Only)	Item		£956.32	
17	Platform Ducting	m		£78.19	
	Access Routes				
18	7m access ramps to island platforms.	nr		£3,844.47	
	B2(4)				
	Lighting & Signage				
	Lighting Columns Including Foundation.				
19	Lighting column complete on Island Platforms - (single luminaries)	nr		£2,128.90	
	Cabling				
20	Wiring to columns	m		£16.13	
21	Isolator /power supply	nr		£672.16	
	Name plates				
22	Name plates for side platforms	nr		£0.00	
23	Stop Logo	nr		£0.00	
	B2(5)				
	Ancillary Equipment				
24	Stainless Steel Cycle parking units	nr		£2,688.62	
25	Stainless Steel Metal benching with backrests approx 2m long. Bolted to Platform.	nr		£2,230.78	
26	Stainless Steel Waste Paper Bins - Lockable and bolted to Platform	nr		£780.37	
B2 - Airport Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(3)	VEHICLE CLEANING, MAINTENANCE AND EQUIPMENT				
B3(3)1	SPECIAL INSTALLATIONS				
	TRANSPORT SYSTEMS				
	X22 TRAVELLING CRADLES, GANTRIES, LADDERS				
	Carry out the complete supply and installation in accordance with the Contract Documents				
001	Air receiver	Item		£0.00	
002	Bypass refrigerated air dryer	Item		£0.00	
003	Condensate oil separator	Item		£0.00	
004	Distribution pipes and regulators at high level	m		£0.00	
005	Distribution pipes and regulators to maintenance pits via Mechanical and Electrical covered trenches	m		£0.00	
006	Duty lead variable speed air compressor	Item		£0.00	
007	General purpose filter	Item		£0.00	
008	High efficiency filter	Item		£0.00	
009	Pressure control unit	Item		£0.00	
010	Process areas (40 No.), system to include isolation valves, fluid traps and intermediate storage vessels	Item		£0.00	
011	Record drawings, Client instructions and O&M manuals	Item		£0.00	
012	Standby Duty lead variable speed air compressor	Item		£0.00	
013	Testing and commissioning	Item		£0.00	
B3(3)2	MAJOR EQUIPMENT				
	Sand Filling Plant				
001	Allow for complete installation including silo	Item		£0.00	
002	Testing and commissioning	sum		£0.00	
	Overhead gantry crane capable of straddling two maintenance bays				
003	Allow for complete installation	Item		£0.00	
004	Testing and commissioning	sum		£0.00	
B3(3) - Depot Equipment - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)1	SUBSTRUCTURE				
	GROUNDWORK				
	D20 EXCAVATING AND FILLING				
	Excavating				
	To reduce levels				
001	1.00 m maximum depth	m3		£3.17	
	Basements and the like				
002	4.00 m maximum depth from 425mm below existing ground level	m3		£1.76	
	Pits				
003	1.00 m maximum depth from 425mm below existing ground level	m3		£4.92	
	Working space allowance to excavations				
004	Reduce levels basements and the like backfilling with hardcore	m2		£23.39	
005	Pits backfilling with hardcore	m2		£37.22	
	Earthwork support				
	To faces of excavation				
006	1.00 m maximum depth distance between opposing faces not exceeding 2m	m2		£0.65	
007	1.00 m maximum depth distance between opposing faces 2 to 4m	m2		£0.98	
008	1.00 m maximum depth distance between opposing faces over 4m	m2		£0.98	
009	2.00 m maximum depth distance between opposing faces over 4m	m2		£2.60	
010	4.00 m maximum depth distance between opposing faces not exceeding 2m	m2		£26.00	
011	4.00 m maximum depth distance between opposing faces over 4m	m2		£39.00	
	Disposal				
012	Surface water	Item		£1,181.84	
013	Excavated Material Off site	m3		£12.08	
B3(8) - Depot Building - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Blinding ; sand				
	Filling to make up levels				
014	25mm thick	m2		£1.64	
	Hardcore				
	Filling to excavations				
015	Not exceeding 250 average thick compacting	m3		£26.04	
016	Over 250 average thick compacting	m3		£27.66	
	Surface treatments				
	Compacting				
017	Bottoms of excavations	m2		£0.59	
018	Sand filling	m2		£0.00	
	IN SITU CONCRETE / LARGE PRECAST CONCRETE				
	E05 IN SITU CONCRETE CONSTRUCTION				
	GENERALLY				
	Plain GEN1				
	Beds				
019	Not exceeding 150 thick poured on or against earth or unblinded hardcore	m3		£176.66	
	Reinforced RC40				
	Foundations poured on or against earth or unblinded hardcore				
020	Generally	m3		£141.54	
	Isolated foundations				
021	Generally	m3		£131.70	
	Beds				
022	150 to 450 thick ; laid in bays including joints	m3		£144.66	
023	Over 450 thick ; laid in bays including joints	m3		£149.24	
B3(8) - Depot Building - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Walls				
024	150 to 450 thick	m3		£131.70	
	Columns				
025	Generally	m3		£154.40	
	Staircases				
026	Generally	m3		£171.33	
	E20 FORMWORK FOR IN SITU CONCRETE				
	Formwork ; fine smooth finish				
	Sides of ground beams and edges of beds				
027	Not exceeding 250 high	m		£14.02	
028	500 to 1m high	m		£56.02	
	Machine bases and plinths				
029	500 to 1m high	m		£56.02	
	Walls				
030	Vertical	m2		£60.62	
	Stair flights				
031	1.00 metre wide risers ; 250mm high ; junction with wall	m		£21.17	
032	1.30 metre wide ; risers 250mm high ; junction with wall	m		£21.17	
	Formwork ; rough				
	Sides of foundations				
033	250 to 500 high	m		£26.72	
	Sides of ground beams and edges of beds				
034	500 to 1m high	m		£47.69	
B3(8) - Depot Building - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Walls				
035	Vertical	m2		£60.59	
	E30 REINFORCEMENT FOR IN SITU CONCRETE				
	Reinforcement including hooks and tying wire, spacers and chairs				
	Bars				
036	Allow 150kg/m3 for bases	t		£1,194.72	
	Reinforcement to BS 4449 including hooks and tying wire, spacers and chairs				
	Bars				
037	Straight lengths any size (allow 120 kg/m3)	t		£1,077.72	
	Reinforcement including tying wire and spacers and chairs				
	Fabric A252				
038	Generally	m2		£5.46	
	E41 WORKED FINISHES TO IN SITU CONCRETE				
	Surface finish				
	Power floating				
039	Generally	m2		£3.04	
	E42 ACCESSORIES CAST INTO IN SITU CONCRETE				
	CONCRETE				
	Steel				
	Angle ; galvanised finish				
040	75mm x 75mm x 3mm ; with fishtail tangs welded on at 500mm centres	m		£24.57	
B3(8) - Depot Building - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	WATERPROOFING				
	J40 FLEXIBLE SHEET DAMP PROOFING				
	1200 gauge polyethylene				
	Tanking and damp proofing				
041	Horizontal ; to hardcore	m2		£0.96	
042	Vertical ; to block work	m2		£1.69	
B3(8)2	FRAME				
	STRUCTURAL / CARCASSING METAL / TIMBER				
	G10 STRUCTURAL STEEL FRAMING				
	Framing, fabrication steel				
	Columns				
001	Weight 40 - 100 kg/m	t		£2,275.04	
002	Weight exceeding 100 kg/m	t		£2,145.04	
	Beams				
003	Weight not exceeding 40 kg/m	t		£2,665.05	
004	Weight 40 - 100 kg/m	t		£2,535.05	
005	Weight exceeding 100 kg/m	t		£2,275.04	
	Beams castellated				
006	Weight exceeding 100 kg/m	t		£2,925.05	
	Bracings				
007	Weight not exceeding 40 kg/m	t		£2,795.05	
	Purlins and cladding rails				
008	Weight not exceeding 40 kg/m	t		£2,990.06	
	Overhead crane rails				
009	Fixing clips; ; resilient pads	t		£3,545.52	
B3(8) - Depot Building - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Holding down bolt assemblies				
010	As drawing unknown	nr		£141.21	
	Framing, erection steel				
011	Permanent erection on site	t		£520.01	
	LININGS / SHEATHING / DRY PARTITIONING				
	K10 PLASTERBOARD DRY LININGS				
	Structural steel encasement system; 120 minute fire protection				
	Linings to beams; four sides				
012	180mm x 75mm PFC	m		£18.80	
013	203mm x 133mm UB	m		£26.52	
014	305mm x 102mm UB	m		£26.52	
015	305mm x 127mm UB	m		£26.52	
016	305mm x 165mm UB	m		£26.52	
017	356mm x 171mm UB	m		£26.52	
018	406mm x 178mm UB	m		£26.52	
019	457mm x 152mm UB	m		£26.52	
020	457mm x 191mm UB	m		£26.52	
	Linings to beams; three sides				
021	180mm x 75mm PFC	m		£22.76	
022	203mm x 133mm UB	m		£30.46	
023	305mm x 102mm UB	m		£30.46	
024	305mm x 127mm UB	m		£30.46	
025	305mm x 165mm UB	m		£30.46	
026	356mm x 171mm UB	m		£30.46	
027	406mm x 178mm UB	m		£30.46	
028	457mm x 152mm UB	m		£30.46	
029	457mm x 191mm UB	m		£30.46	
030	533mm x 210mm UB	m		£30.46	
B3(8) - Depot Building - Page 6					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Linings to columns; four sides				
031	203mm x 203mm UB	m		£26.52	
032	533mm x 210mm UB	m		£26.52	
	SURFACE FINISHES				
	M61 INTUMESCENT COATINGS FOR FIRE PROTECTION OF STEELWORK				
	Painting metal				
	General surfaces of structural metalwork				
033	Over 300 girth; 8 to 11m above floor	m2		£5.61	
	Members of structural metal roof trusses lattice girders purlins and the like				
034	Over 300 girth; 8 to 11m above floor	m2		£5.61	
B3(8)3	UPPER FLOORS				
	IN SITU CONCRETE / LARGE PRECAST CONCRETE				
	E05 IN SITU CONCRETE CONSTRUCTION				
	GENERALLY				
	Reinforced in-situ concrete mix RC30				
	Slabs				
001	Not exceeding 150 thick	m3		£136.44	
	E20 FORMWORK FOR IN SITU CONCRETE				
	Formwork; permanent shuttering				
	Soffits of slabs				
002	Not exceeding 200 thick; 3 to 3.50m high to soffit	m2		£109.36	
	Formwork; plain smooth finish				
	Edges of suspended slabs				
003	Not exceeding 250 high	m		£17.60	
B3(8) - Depot Building - Page 7					£0.00

BBS Consortium
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B3(8) - Depot Building
Section A

B3(8) - Depot Building
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	E30 REINFORCEMENT FOR IN SITU CONCRETE				
	Reinforcement to BS 4449 including hooks and tying wire, spacers and chairs				
	Bars				
004	Allow 200kg/m3	t		£1,077.72	
	E41 WORKED FINISHES TO IN SITU CONCRETE				
	Trowelling				
005	Generally	m2		£3.04	
B3(8)4	ROOF				
	CLADDING / COVERING				
	H43 METAL PANEL CLADDING				
	Insulated roof				
	Roof coverings				
001	Pitch 1.5 degrees	m2		£58.50	
	Eaves				
002	To eaves	m		£32.50	
	Verges				
003	To verge	m		£32.50	
	Ridges				
004	Curved sheet	m		£45.50	
B3(8) - Depot Building - Page 8					£0.00

BBS Consortium
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B3(8) - Depot Building
Section A

B3(8) - Depot Building
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)5	STAIRS				
	WINDOWS / DOORS / STAIRS				
	L30 STAIRS				
	Steel; polyester powder coated finish				
	Staircases				
001	1.30m wide; 3.0m total rise; landings x 2; manufactured	nr		£3,900.07	
	Staircases including balustrades to both staircase and top landing				
002	1.30m wide; 3.0m total rise; landings x 2; manufactured	nr		£3,900.07	
	L30 BALUSTRADES				
	Stainless Steel				
003	Balustrade to stairs and top landing to the main stairs to the office area including wall hand railing where required	Item		£2,600.05	
B3(8)6	EXTERNAL WALLS				
	Masonry				
	F10 BRICK WALLING				
	Engineering brickwork in gauged mortar (1:1:6)				
	Walls				
001	Half brick thick	m2		£59.52	
	Facing brickwork Spec 110; in gauged mortar (1:1:6)				
	Walls				
002	Half brick thick; stretcher bond	m2		£85.78	
B3(8) - Depot Building - Page 9					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	F10 BLOCK WALLING				
	Block work in gauged mortar (1:1:6)				
	Walls				
003	140 mm thick ; inner skin protection to metal cladding	m2		£38.65	
004	140 mm thick face work fair face one side ; inner skin protection to metal cladding	m2		£41.90	
	Projections				
005	500 x 140mm projection face work fair face one side	m		£20.95	
	Bottom of semi-circular arches				
006	140mm thick; curved on elevation 300mm radius; closing 100mm cavity	m		£11.79	
	Semi-circular arches				
007	140mm thick; curved on elevation 300mm radius; temporary strutting	m		£11.79	
	Closing cavities				
008	100mm wide block work 140mm thick horizontal	m		£8.71	
	F30 ACCESSORIES FOR BLOCK WALLING				
	Sundries				
	Forming cavities in hollow walls				
009	50mm wide wall ties; stainless steel butterfly wall ties; three wall ties per square metre; filling cavity with concrete	m2		£11.43	
	Damp proof courses				
	On surfaces				
010	Not exceeding 225 wide horizontal	m2		£24.13	
B3(8) - Depot Building - Page 10					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Cavity trays				
011	Over 225 wide stepped	m2		£19.28	
	F30 SUNDRY ITEMS FOR BLOCK WALLING				
	Galvanised steel lintels built into block work				
012	Arch lintel for 600mm wide opening	nr		£389.84	
	CLADDING / COVERING				
	H43 METAL PANEL CLADDING				
	insulated walling system				
	Wall claddings				
013	Vertical; panels fixed horizontally	m2		£66.95	
014	Extra over for forming 600mm x 1400mm opening for window; including all necessary flashing and the like	No		£195.00	
015	Vertical; panels fixed vertically	m2		£68.25	
016	Extra over for forming 600mm x 1400mm opening for window; including all necessary flashing and the like	No		£195.00	
	Extra over for				
017	External angle	m		£19.50	
018	Internal angle	m		£19.50	
	Parapet				
019	Parapet detail; consisting of parapet flashing 300mm high, inner wall panel vertical laid all as Parapet Detail	m		£97.76	
	Flashings				
020	To edge of door opening	m		£19.50	
021	To top of door opening	m		£19.50	
B3(8) - Depot Building - Page 11					£0.00

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B3(8) - Depot Building
Section A

B3(8) - Depot Building
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Aprons/sills				
022	Bottom of walling drip flashing	m		£19.50	
B3(8)7	WINDOWS AND EXTERNAL DOORS				
	CLADDING / COVERING				
	H10 PATENT GLAZING				
	Vertical surfaces				
001	To control room	m2		£486.94	
	WINDOWS / DOORS / STAIRS				
	L10 WINDOWS				
	Aluminium window				
	Windows and window frames				
002	600mm x 1400mm; fixed to cladding and block work; as front elevation	nr		£922.11	
003	2000mm x 1200mm; fixed to block wall	nr		£2,634.58	
	Hardwood and armoured glass				
	Windows and window frames				
004	500mm x 1200mm; fixed into stud partition wall	nr		£1,350.29	
	L10 SCREENS				
	Aluminium				
	Sun shields				
005	6.00 x 2.50 metre sunscreen system fixed to glazing bars	nr		£3,900.07	
	Aluminium				
	Combined units of windows and doors				
006	6000mm x 7000mm; fixing to block work	nr		£19,687.98	
B3(8) - Depot Building - Page 12					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	L20 SHUTTERS				
	Fire doors with frames				
007	2000mm x 2100mm; double door; fixed to block work; powder coated finish	nr		£2,080.04	
	Rolling shutters				
008	3000mm x 4000mm; insulated; powder coated finish; fixed to steelwork	nr		£4,810.09	
	Fire doors with frames				
009	1000mm x 2100mm; single door; fixed to block work; powder coated finish	nr		£1,170.02	
010	2000mm x 2100mm; double door; fixed to block work; powder coated finish	nr		£2,080.04	
	Louver doors with frames				
011	2000mm x 2100mm; double door; fixed to block work; powder coated finish	nr		£2,210.04	
	Folding shutters				
012	4000mm x 7400mm; insulated; powder coated finish; fixed to steelwork	nr		£9,100.17	
	SURFACE FINISHES				
	M60 PAINTING				
	Painting wood				
	General surfaces				
013	Isolated areas not exceeding 0.5m2 irrespective of girth	nr		£8.06	
	BUILDING FABRIC SUNDRIES				
	P20 UNFRAMED SUNDRY ITEMS				
	Wrot softwood				
	Window boards				
014	150 x 25mm; rounded and rebated	m		£8.65	
B3(8) - Depot Building - Page 13					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)8	INTERNAL WALLS AND PARTITIONS				
	Masonry				
	F10 BLOCK WALLING				
	Block work in gauged mortar (1:1:6) Walls				
001	140 mm thick	m2		£38.65	
002	140 mm thick face work fair face both side	m2		£44.50	
003	140 mm thick face work fair face one side	m2		£41.90	
004	140 mm thick face work fair face one side; lift shaft	m2		£56.53	
005	100 mm thick vertical	m2		£33.82	
	Closing cavities				
006	100mm wide; block work 140mm thick; vertical	m		£16.43	
	Fair face block work in gauged mortar (1:1:6) Walls				
007	100 mm thick face work fair face both sides	m2		£39.69	
008	100 mm thick face work fair face one side	m2		£37.09	
009	140 mm thick face work fair face both sides	m2		£44.50	
010	140 mm thick face work fair face one side	m2		£41.90	
	F30 ACCESSORIES FOR BLOCK WALLING				
	Sundries				
	Forming cavities in hollow walls				
011	100 wide wall ties; stainless steel butterfly wall ties; 'three wall ties per square metre	m2		£1.24	
	Forming cavities between walls and other work				
012	100mm wide	m2		£1.64	
B3(8) - Depot Building - Page 14					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Damp proof courses				
	On surfaces				
013	Not exceeding 225 wide horizontal	m2		£24.13	
	Proprietary items				
	Stainless steel wall ties				
014	Shot fixed to steelwork; building in	nr		£1.38	
	F30 SUNDRY ITEMS FOR BLOCK WALLING				
	Galvanised steel lintels built into block work				
015	1350mm long	nr		£172.71	
016	2400mm long	nr		£251.64	
017	2400mm long	nr		£251.64	
018	1350mm long	nr		£172.71	
019	1650mm long	nr		£189.58	
020	2400mm long	nr		£251.64	
021	2550mm long	nr		£268.95	
	LININGS / SHEATHING / DRY PARTITIONING				
	K10 PLASTERBOARD DRY LININGS				
	Dry lining system; 9.5mm plain grade tapered edge wallboard; fixed to walls with adhesive				
	Linings to walls				
022	2.40 to 2.700 high	m		£35.49	
	Linings to reveals and soffits of openings and recesses				
023	Not exceeding 300 wide	m		£5.07	
024	Not exceeding 300 wide; curved 300mm radius	m		£6.33	
	Angle; with joint tape bedded and covered				
025	External	m		£2.73	
B3(8) - Depot Building - Page 15					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
026	External; curved to 300mm radius	m		£3.42	
027	internal	m		£0.00	
	Fair ends				
028	Stop angle bead	m		£0.00	
029	Stop angle bead; curved 300mm radius	m		£0.00	
	K10 PLASTERBOARD PARTITIONS				
	Firewall metal stud partition; comprising 90mm wide "I" stud metal stud frame; tapered edge panels; 155mm thick partition; 90mm stone mineral wool; two layers of 15mm Firecases board each side				
	Linings to walls				
030	Height 4.20m to 4.50m high	m		£427.48	
	Abutments				
031	Abutments	m		£6.98	
	Angle; with joint tape bedded and covered				
032	External	m		£6.98	
033	Internal	m		£6.98	
	Angles to linings				
034	Angles	m		£6.98	
035	Tee junctions	m		£6.98	
	Opening for door				
036	900 x 2100mm opening	No		£16.63	
037	1400 x 2100mm opening	No		£16.63	
B3(8) - Depot Building - Page 16					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Metal stud partition; comprising 48mm wide metal stud frame; tapered edge panels; 200mm thick partition; 25mm sound insulation; one layer of 19mm plank and one layer of 12.5mm soundbloc each side				
	Linings to walls				
038	Height 4.20m to 4.50m high	m		£270.74	
	Abutments				
039	Abutments	m		£5.59	
	Angle; with joint tape bedded and covered				
40	External	m		£5.59	
41	Internal	m		£5.59	
	Angles to linings				
042	Angles	m		£5.59	
043	Tee junctions	m		£5.59	
	Fair ends				
044	Fair ends	m		£15.93	
	Opening for door				
045	800 x 2100mm opening	No		£16.07	
046	900 x 2100mm opening	No		£16.07	
	Metal stud partition; comprising 70mm wide metal stud frame; tapered edge panels; 102mm thick partition; 25mm sound insulation; one layer of 15mm wallboard each side				
	Linings to walls				
047	Height 4.20m to 4.50m high	m		£131.50	
B3(8) - Depot Building - Page 17					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Abutments				
048	Abutments	m		£2.38	
	Angle; with joint tape bedded and covered				
049	External	m		£2.38	
050	Internal	m		£2.38	
	Angles to linings				
051	Angles	m		£2.38	
052	Crosses	m		£2.38	
053	Tee junctions	m		£2.38	
	Fair ends				
054	Fair ends	m		£6.85	
	Additional Fixings				
055	For WC	nr		£9.50	
056	For basin	nr		£9.50	
057	For shower	nr		£9.50	
058	For urinal	nr		£9.50	
	Opening for door				
059	800 x 2100mm opening	No		£16.07	
060	900 x 2100mm opening	No		£16.07	
061	1400 x 2100mm opening	No		£16.07	
B3(8) - Depot Building - Page 18					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)9	INTERNAL DOORS				
	WINDOWS / DOORS / STAIRS				
	L10 WINDOWS / ROOF LIGHTS / SCREENS / LOUVERS				
	Wrot hardwood				
	Combined units of windows and doors				
001	3500mm x 2500mm high; glazed screen including pair of 825mm wide FD30/S fire rated doors; ironmongery; wired glazing panels between entrance hall and corridor	nr		£5,451.39	
002	3500mm x 2500mm high; glazed screen including pair of 825mm wide FD30/S fire rated doors; ironmongery; wired glazing panels between first floor foyer and reception	nr		£5,451.39	
003	3900mm x 2500mm high; glazed screen including 825mm wide door; ironmongery; wired glazing panels; between ground floor rooms 15,16,20,21 and corridor	nr		£6,751.41	
	L10 SCREENS				
	Aluminium				
	Glazed screen; draught preventor				
004	2200mm x 2500mm high; glazing with toughened glass; fixing to floor and ceiling; powder coated finish; in entrance hall	nr		£6,037.57	
	L20 DOORS				
	Flush				
	Doors with frames; 112mm wide softwood frame in assembled form; standard ironmongery; intumescent strip; plugging and screwing and pelltating				
005	Half hour fire door; 626 x 2040 x 44mm; FD30	nr		£795.47	
B3(8) - Depot Building - Page 19					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)21	EXTERNAL DEPOT WORKS				
	DRAINAGE AND SERVICE DUCTS				
	DRAINS AND SERVICE DUCTS (EXCLUDING FILTER DRAINS, NARROW FILTER DRAINS AND FIN DRAINS)				
022	Rainwater pumping main from Rainwater Tanks to Energy Centre and Tram Wash in trench	m		£31.33	
023	Drain in trench depth to invert; Foul Water	m		£35.94	
024	Drain in trench depth to invert; Rain Water	m		£35.94	
025	Drain in trench depth to invert; Surface Water	m		£35.94	
026	Drain in trench depth to invert; Surface Water (gully connections)	m		£39.99	
	MISCELLANEOUS				
027	Allow for Access Road Surface Water Drainage from the existing roundabout to the car park area	m2		£7.36	
028	Allow for Service Ducts	item		£13,000.24	
029	Allow for Stabling Area Drainage	m2		£0.65	
030	Allow for Track Drainage	item		£39,000.72	
	CHAMBERS AND GULLIES				
031	Chamber for the entry and exit of water to the Rainwater Tanks; include for all pipework and pumping equipment etc.	no		£13,000.24	
032	Chamber with cover and frame depth to invert; Foul Water	no		£885.00	
033	Petrol and oil interceptor Class 1	no		£13,000.24	
034	Chamber with cover and frame depth to uppermost surface of base slab; Surface Water	no		£1,145.47	
035	Chamber with cover and frame depth; Rain Water	no		£885.00	
036	Gully; Deep seal type	no		£309.03	
B3(8)21 - External Depot Works - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)21	EXTERNAL DEPOT WORKS				
	MISCELLANEOUS				
037	Allow for the combined outfall discharge of the Surface water and treated water from the Pumping Station to a point to be determined	item		£26,000.48	
038	Pumping Station	item		£13,000.24	
039	Rainwater Tanks	item		£52,000.96	
040	Sewage Treatment Works including all pipework from entry to discharge into pump house	item		£65,001.20	
	SOFT SPOTS AND OTHER VOIDS				
041	Excavation of soft spots and other voids in bottom of trenches, chambers and gullies	item		£2,600.05	
042	Filling of soft spots and other voids in bottom of trenches, chambers and gullies	item		£3,250.06	
	EXCAVATION IN HARD MATERIAL				
043	Extra over any item of drainage for excavation in hard material	item		£23,660.44	
	WASTE WATER TREATMENT				
044	Allow for Waste Water treatment plant including chambers, interconnecting pipework, trenches and the like	item		£130,002.40	
	ELECTRICAL WORK FOR ROAD LIGHTING AND TRAFFIC SIGN				
	TRENCH FOR CABLE OR DUCT				
045	Trench for cable	m		£10.47	
046	Trench for cable (to kiosks)	m		£10.47	
047	Trench for duct	m		£10.47	
048	Trench for duct (to kiosks)	m		£11.49	
	CABLE AND DUCT				
049	Cable fixed to wall (floodlights)	m		£0.00	
B3(8)21 - External Depot Works - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)21	EXTERNAL DEPOT WORKS				
050	Cable in duct	m		£0.00	
051	Cable in duct (to kiosks)	m		£0.00	
052	Cable in trench	m		£0.00	
053	Cable in trench (to kiosks)	m		£0.00	
054	Duct in trench	m		£2.06	
055	Duct in trench (to kiosks)	m		£2.15	
	CABLE JOINTS AND TERMINATIONS				
056	Termination to cable in wall mounting (floodlights)	no		£0.00	
057	Termination to cable in kiosk	no		£0.00	
058	Termination to cable in road lighting column	no		£0.00	
	FEEDER PILLARS				
059	Weather proof external distribution kiosks for the supply of electric to the external lighting, points heaters (track), tram kiosks, cctv cameras and pumps	no		£0.00	
	EARTH ELECTRODES				
060	Earth electrodes	item		£0.00	
	CHAMBERS				
061	Chamber type UTX (under track crossing) (to kiosks)	no		£0.00	
	BRICKWORK, BLOCKWORK AND STONEMWORK				
	BRICKWORK				
062	Brickwork in walls; Wall to planting areas	m		£52.08	
063	Brickwork in walls; Wall to storage area	m		£52.08	
064	Brickwork in walls; Screen wall to waste area	m		£52.08	
B3(8)21 - External Depot Works - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)21	EXTERNAL DEPOT WORKS				
	Testing and Commissioning				
065	Testing and commissioning of all External Depot works	sum		£11,818.40	
	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				
	Stabling area allow for preparing formation to levels, supply and placing 150mm 6F1 or regular fill and	m2		£19.68	
	Excavate for 3 way ducts 100dia laid with 500mm cover Provide concrete bed and surround 700x300	m		£62.03	
	Drawpits sizes not detailed at ends of duct runs. Engineering brick ductile iron covers depth no	no		£650.01	
	Bases for OHLE exc	m3		£19.13	
	Exc ws refill 6F1	m2		£34.17	
	FW plane vert	m2		£57.20	
	Refill round plinth with 6F1	m3		£42.11	
	Reinf conc 40N	m3		£135.03	
	TD HD bolts & fix	no		£61.10	
	Grout in anchor bolts	no		£78.07	
B3(8)21 - External Depot Works - Page 6					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SUB-SECTION 2A				
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	
	Kerbs, Footways & Paved Areas				
010	Kerbs	m		£25.48	
011	Edgings	m		£24.05	
012	Footway	m2		£21.65	
	Traffic Signs & Road Markings				
013	Signage generally	Item		£6,939.28	
	Sign Diagram No:				
014	602	nr		£346.97	
015	616	nr		£346.97	
016	953.1	nr		£346.97	
B4(1) - Highways - Sub-Section 2A - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
017	953.2	nr		£346.97	
018	963.3	nr		£346.97	
	Road Markings				
019	White lining, yellow lining etc. (Measured as km of carriageway)	km		£10,408.91	
	Landscaping				
020	Landscaping	item		£10,408.91	
	Street Lighting and Junction Signals				
021	Street Lighting Measured pro rate against pedestrian footways	km		£0.00	
022	Junctions (Lights and Signals)	nr		£0.00	
	Testing and Commissioning				
023	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				
	SITE CLEARANCE SCHEDULE FOR 2A - AS NEW DOCUMENT MARCH 2007 - ULE90130-SW-SPN-00090 v 1"				
	Site Clearance				
	Item 0005 - Remove and scrap Fence, wood approx 1m high - Photo 6 & 7	item		£288.67	
	Item 0006 - Remove and scrap Fence, wood approx 1.7m high - Photo 8	item		£721.68	
	Item 0007 - Remove and scrap Planter - Photo 9	item		£144.34	
	Item 0008 - Remove and scrap Bollard - Photo 10	item		£72.17	
	Item 0009 - Remove and reuse Sign Post - Photo 11	item		£355.29	
	Item 0010 - Remove and scrap Fence, wood approx 1.7m high - Photo 12	item		£288.67	
	Item 0015 - Remove and scrap Fence, wood post & rail - Photo 16	item		£433.01	
	Item 0016 - Remove and scrap Fence, wood post & rail - Photo 17	item		£433.01	

BBS Consortium
Bilfinger Berger - Siemens

B4 - Sub-Section 2A
Section A

B4 - Sub-Section 2A
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Item 0018 - Reuse Signboard - Photo 20	item		£213.73	
	Item 0019 - Remove and scrap Railing - Photo 21	item		£216.50	
	Item 0020 - Remove and scrap Stone Wall, varies 1 - 3m high - Photo 22	item		£2,598.07	
	Item 0021 - Remove and scrap Billboard lit - Photo 23	item		£1,992.96	
	Item 0022 - Remove and scrap Billboard lit - Photo 24	item		£2,772.94	
	Item 0023 - Remove and scrap Litter Bin - Photo 25	item		£36.09	
	Item 0024 - Remove and scrap Bollard - Photo 26	item		£108.26	
	Item 0025 - Dismantle, Network Rail Wing Wall - Photo 27	item		£5,890.06	
	Item 0026 - Remove and dispose retaining wall, brick - Photo 28	item		£866.03	
	Item 0027 - Remove and scrap Gate - Photo 29	item		£433.01	
	Item 0029 - Remove and scrap Fence, chain link - Photo 31	item		£433.01	
	Item 0030 - Remove and dispose Retaining wall, brick - Photo 32	item		£433.01	
	Item 0031 - Demolish Building - Photo 33 & 37	item		£6,930.95	
	Item 0039 - Remove and scrap rodding eye - Photo ?	item		£144.34	
	Item 0102 - Remove and reuse kiosk - Photo ?	item		£1,143.60	
	Item 0104 - Remove and scrap pole - Photo ?	item		£216.50	
	Item 0105 - Remove and reuse Ticket Machine - Photo ?	item		£1,143.60	
	Item 0106 - Remove and reuse Ticket Machine - Photo ?	item		£1,143.60	
	Item 0107 - Remove and reuse Sign - Photo ?	item		£571.80	
	Item 0109 - Remove and scrap Post - Photo ?	item		£144.34	
	Item 0110 - Remove and scrap Post - Photo ?	item		£144.34	
	Item 0111 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0117 - Remove and reuse Sign - Photo ?	item		£571.80	
	Item 0118 - Remove and reuse Sign - Photo ?	item		£571.80	
	Item 0119 - Remove and reuse Environment Station Photo ?	item		£866.03	
	Item 0120 - Remove and reuse Pota Cabin - Photo ?	item		£866.03	
	Item 0121 - Remove and reuse Gates - Photo ?	item		£577.34	
	Item 0122 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0123 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0124 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0125 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0126 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0127 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0128 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0129 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0130 - Remove and dispose of tree - Photo ?	item		£216.50	

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Doors with frames; 112mm wide softwood frame in assembled form; standard ironmongery; screwing and pellingating				
006	626 x 2040 x 44mm	nr		£504.26	
007	726 x 2040 x 44mm	nr		£500.30	
008	826 x 2040 x 44mm	nr		£511.12	
	Doors with frames; 126mm wide softwood frame in assembled form; standard ironmongery; intumescent strip; plugging and screwing and pellingating				
009	Half hour fire door; 826 x 2040 x 44mm ; FD30	nr		£807.72	
	Doors with frames; 126mm wide softwood frame in assembled form; standard ironmongery; intumescent strip; plugging and screwing and pellingating				
010	One hour fire door; 826 x 2040 x 54mm ; FD60	nr		£918.46	
	Doors with frames; 126mm wide softwood frame in assembled form; standard ironmongery; plugging and screwing and pellingating				
011	826 x 2040 x 44mm	nr		£515.62	
	Doors with frames; 153mm wide softwood frame in assembled form; standard ironmongery; intumescent strip; plugging and screwing and pellingating				
012	Half hour fire door; 826 x 2040 x 44mm ; FD30	nr		£840.75	
	Doors with frames; 153mm wide softwood frame in assembled form; standard ironmongery; intumescent strip; plugging and screwing and pellingating				
013	One hour fire door; 400 x 2040 x 54mm ; FD60	nr		£1,205.87	
014	One hour fire door; 826 x 2040 x 54mm ; FD60	nr		£1,226.02	
B3(8) - Depot Building - Page 20					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
015	One hour fire door; 913 x 2040 x 54mm ; FD60	nr		£951.76	
	Doors with frames; 153mm wide softwood frame in assembled form; standard ironmongery; plugging and screwing and pellingating				
016	826 x 2040 x 44mm	nr		£544.83	
017	913 x 2040 x 44mm	nr		£557.50	
	Doors with frames; 185mm wide softwood frame in assembled form; standard ironmongery; intumescent strip; plugging and screwing and pellingating				
018	One hour fire door; 626 x 2040 x 44mm; FD60	nr		£941.43	
019	One hour fire door; 826 x 2040 x 44mm; FD60	nr		£944.43	
	Doors with frames; 210mm wide softwood frame in assembled form; standard ironmongery; screwing and pellingating				
020	726 x 2040 x 44mm	nr		£538.07	
	L20 SHUTTERS				
	Rolling shutters				
021	Rolling shutters and wickel door access 4000mm x 7400mm; insulated; powder coated finish; fixed to steelwork	nr		£9,620.18	
	Fire doors with frames				
022	1000mm x 2100mm; single door; fixed to block work; powder coated finish	nr		£1,235.02	
023	2000mm x 2100mm; double door; fixed to block work; powder coated finish	nr		£2,145.04	
	Folding shutters				
024	3000mm x 3000mm; powder coated finish; fixed to block work	nr		£2,730.05	
B3(8) - Depot Building - Page 21					£0.00

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B3(8) - Depot Building
Section A

B3(8) - Depot Building
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
025	4000mm x 3000mm; powder coated finish; fixed to block work	nr		£3,315.06	
026	4000mm x 4000mm; powder coated finish; fixed to block work	nr		£4,095.08	
	Sliding/folding partitions				
027	5800 x 2500mm high; between meeting room 1 and 2	nr		£4,995.99	
	SURFACE FINISHES				
	M60 PAINTING				
	Painting wood				
	General surfaces				
028	Over 300 girth	m2		£8.06	
	M60 CLEAR FINISHING				
	Varnishing wood				
	Glazed windows and screens				
029	Over 300 girth in panes 0.50 to 1m2	m2		£8.06	
B3(8)10	WALL FINISHES				
	SURFACE FINISHES				
	M12 TROWELLED RESIN FLOORING				
	Walls				
001	Over 300 wide to concrete	m2		£15.60	
	M20 PLASTERED COATINGS				
	Plaster 13mm thick work to walls; two coats				
002	Over 300 wide; to block work	m2		£14.24	
003	Not exceeding 300 wide; to block work	m		£4.94	
	2-5mm finish plaster on plasterboard				
	Walls				
004	Over 300 wide	m2		£9.49	
B3(8) - Depot Building - Page 22					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Isolated columns				
005	Over 300 wide	m2		£9.49	
	Galvanised steel				
	Angle beads				
006	to block work	m		£5.20	
007	to plasterboard	m		£5.20	
	Stop beads				
008	to block work	m		£5.20	
	M20 RENDERED COATINGS				
	Cement-sand(1:4) beds and backing				
	19mm thick to walls; wood float finish				
009	Over 300 wide; to block work	m2		£21.45	
	M40 CERAMIC TILING				
	Ceramic tiling				
	Walls				
010	Over 300 wide; to render	m2		£58.50	
011	Over 300 wide; to plasterboard	m2		£58.50	
	M60 PAINTING				
	Painting block work; one undercoat and two hard gloss oil paint finish				
	General surfaces				
012	Over 300 girth	m2		£6.00	
	Painting plaster; one undercoat and two coats eggshell finish				
	General surfaces				
013	Over 300 girth	m2		£5.73	
B3(8) - Depot Building - Page 23					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Painting plaster; one undercoat and two coats vinyl matt finish				
	General surfaces				
014	Over 300 girth	m2		£5.73	
015	Isolated surfaces not exceeding 300 girth	m		£4.92	
	BUILDING FABRIC SUNDRIES				
	P20 UNFRAMED ISOLATED TRIMS				
	Galvanised steel; polyester powder coated finish				
	Cover fillets, stops, trims, beads, nosings and the like				
016	150 x 150 x 3mm x 1500mm high column guard; fixed to steel column	nr		£195.00	
	Plastics				
	Cover fillets, stops, trims, beads, nosings and the like				
017	52 x 52mm x 1220mm high; high impact corner guards and aluminium retainers	nr		£195.00	
B3(8)11	FLOOR FINISHES				
	SURFACE FINISHES				
	M10 CONCRETE TOPPING				
	Levelling screed for PVC tiles or sheeting				
	Floors				
001	Level or to falls only not exceeding 15 degrees from horizontal; to concrete	m2		£4.64	
	Levelling screed for carpet tiles				
	Floors				
002	Level or to falls only not exceeding 15 degrees from horizontal; to concrete	m2		£4.64	
B3(8) - Depot Building - Page 24					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Levelling screed for terrazzo				
	Floors				
003	Level or to falls only not exceeding 15 degrees from horizontal; to concrete	m2		£16.25	
	M12 TROWELLED RESIN FLOORING				
	Floors				
004	Level or to falls only not exceeding 15 degrees from horizontal to concrete Resin	m2		£16.25	
	Skirtings				
005	200mm high; to block work	m		£26.00	
	M41 TERRAZZO TILING				
	Terrazzo tiling; 400x280x15mm tiles				
	Floors				
006	Level or to falls only not exceeding 15 degrees from horizontal; to steel; in staircase areas	m2		£16.25	
	Terrazzo tiling; 400x280x15mm tiles; bullnose edging with anti slip grip				
	Treads				
007	280mm wide; to steel; in staircase areas terrazzo floor tiles	m		£26.00	
	Terrazzo tiling; 400x400x30mm tiles				
	Floors				
008	Level or to falls only not exceeding 15 degrees from horizontal; to concrete	m2		£110.50	
	Skirtings				
009	75mm high x 15mm wide; to plaster	m		£13.00	
010	75mm high x 15mm wide; to plasterboard	m		£13.00	
B3(8) - Depot Building - Page 25					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
011	75mm high x 15mm wide; to steel; in staircase areas	m		£13.00	
	M50 PLASTIC TILING				
	PVC tiling				
	Floors				
012	Over 300 wide; to concrete	m2		£19.41	
013	Over 300 wide; to screed	m2		£19.41	
	M50 PLASTIC SHEETING				
	PVC sheeting				
	Floors				
014	Over 300 wide; to concrete	m2		£23.58	
015	Over 300 wide; to screed	m2		£23.58	
	Plastics sheeting				
	Skirtings				
016	75mm high; to plaster	m		£14.19	
	M50 CARPET TILING				
	Carpet tiling				
	Floors				
017	Over 300 wide; to concrete	m2		£26.44	
018	Over 300 wide; to screed	m2		£26.44	
	M60 PAINTING				
	Painting wood				
	General surfaces				
019	Isolated surfaces not exceeding 300 girth	m		£4.51	
B3(8) - Depot Building - Page 26					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	FURNITURE / EQUIPMENT				
	N10 GENERAL				
	FIXTURES/FURNISHINGS/EQUIPMENT				
	Aluminium				
020	2000 x 2000mm mat space set in concrete	nr		£4,777.59	
	Door mats				
021	2000 x 2000mm x 17mm thick	nr		£0.00	
	BUILDING FABRIC SUNDRIES				
	P20 UNFRAMED ISOLATED				
	TRIMS/SKIRTINGS/SUNDRY ITEMS				
	Wrot softwood				
	Skirtings, picture rails, architraves and the like				
022	125mm x 15mm; nailing	m		£6.32	
	Wrot hardwood				
	Skirtings, picture rails, architraves and the like				
023	19mm x 50mm; half rounded; nailing	m		£7.89	
B3(8)12	CEILING FINISHES				
	STRUCTURAL / CARCASSING METAL / TIMBER				
	G20 TIMBER FRAMING				
	Sawn softwood				
	Floor members				
	100 x 50mm shot firing to steel; sub-frame for first floor suspended ceiling				
001	100mm x 50mm; Cutting and pinning	m		£7.89	
	100 x 50mm shot firing to steel; sub - frame for first floor suspended ceiling	m		£7.89	
B3(8) - Depot Building - Page 27					£0.00

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B3(8) - Depot Building
Section A

B3(8) - Depot Building
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	LININGS / SHEATHING / DRY PARTITIONING				
	K10 PLASTERBOARD CEILINGS				
	Linings to ceilings				
002	Generally ; nailing	m2		£8.75	
003	Generally	m2		£8.75	
004	Generally in staircase area	m2		£12.52	
	Galvanised mild steel				
	Stop beads				
005	Fixing with adhesive	m		£3.23	
006	Fixing with adhesive; in staircase areas	m		£3.23	
	K11 RIGID SHEET FLOORING				
	Plywood; WPB				
	Floors; 19mm thick				
007	Over 300 wide; nailing	m2		£22.60	
	K40 DEMOUNTABLE SUSPENDED CEILINGS				
	Exposed grid suspension system; 600mm x 600mm				
	Mineral tiles fine fissured				
	Ceilings				
008	Suspension not exceeding 150 deep; to timber	m2		£55.76	
009	Suspension 150mm to 500mm deep; to steel/concrete	m2		£55.76	
	Plain edge trims				
010	Edge trim; fixing with adhesive	m2		£1.24	
011	Edge trim; nailing to masonry	m2		£1.24	
B3(8) - Depot Building - Page 28					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Exposed grid suspension system; 600mm x 600mm				
	Mineral tiles fine fissured				
	Ceilings				
012	Suspension not exceeding 150 deep; to timber	m2		£55.76	
	Plain edge trims				
013	Edge trim; fixing with adhesive	m2		£1.24	
	Exposed grid suspension system; 600mm x 600mm				
	Ceiling system				
	Ceilings				
014	Suspension not exceeding 150 deep; to metal/concrete	m2		£55.76	
015	Suspension 150mm to 500mm deep; to metal/concrete	m2		£55.76	
	Plain edge trims				
016	Edge trim; nailing to masonry	m		£1.24	
	Exposed grid suspension system; 600mm x 600mm				
	Board System				
	Ceilings				
017	Suspension not exceeding 150 deep; to timber	m2		£55.76	
	Plain edge trims				
018	Edge trim; fixing with adhesive	m2		£55.76	
	Exposed grid suspension system; 600mm x 600mm				
	Frequency board mineral tiles fine fissured				
	Ceilings				
019	Suspension not exceeding 150 deep; to timber	m2		£25.74	
B3(8) - Depot Building - Page 29					£0.00

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B3(8) - Depot Building
Section A

B3(8) - Depot Building
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
020	Suspension 150mm to 500mm deep; to metal/concrete	m2		£25.74	
	Plain edge trims				
021	Edge trim; nailing to masonry	m		£1.24	
022	Edge trim; fixing with adhesive	m		£1.24	
	SURFACE FINISHES				
	M20 PLASTERED COATINGS				
	Plaster skim coat to plasterboard				
	Ceilings				
023	Over 300 wide	m2		£11.05	
024	Over 300 wide in staircase areas	m2		£11.05	
	M60 PAINTING				
	Painting plaster; one undercoat and two coats vinyl matt finish				
	General surfaces				
025	Over 300 girth	m2		£5.73	
026	Over 300 girth in staircase areas	m2		£5.73	
	P20 UNFRAMED SUNDRY ITEMS				
	Wrot softwood; half rounded				
	Cover fillets, stops, trims, beads, nosings and the like				
027	250mm x 19mm; nailing	m		£7.75	
B3(8) - Depot Building - Page 30					£0.00

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B3(8) - Depot Building
Section A

B3(8) - Depot Building
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)13	FITTINGS AND FURNISHINGS				
	FURNITURE / EQUIPMENT				
	N10 GENERAL				
	FIXTURES/FURNISHINGS/EQUIPMENT				
	Glass				
	Mirrors				
001	Small mirror; fixed to IPS panel	nr		£65.00	
	Washroom Systems				
	Benches				
002	Island benching; 2.00 metres long	nr		£1,350.29	
003	Island benching; 3.00 metres long	nr		£1,610.29	
	Lockers				
004	410mm x 1800mm x 505mm	nr		£400.83	
	Coat rack				
005	1.00 metres long	nr		£122.63	
	Kitchen units				
006	For U shaped kitchen room no. 19 on first floor	Item		£2,600.05	
	Blinds; venetian				
007	600mm wide; drop 1400mm; fixed to block work	nr		£273.01	
008	2000mm wide; drop 1200mm; fixed to block work	nr		£780.01	
B3(8) - Depot Building - Page 31					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)14	SANITARY APPLIANCES				
	LININGS / SHEATHING / DRY PARTITIONING				
	K32 PANEL CUBICLES				
	13mm thick cubicle partition sets				
001	Range of 1 nr cubicles; 1 door panel; 2 front panels; 1 shower slatted bench seats	nr		£893.10	
002	Range of 2 nr cubicles; 1 intermediate panels; 2 door panels; 3 front panels; 2 shower slatted bench seats	nr		£1,786.20	
003	Range of 3 nr cubicles; 2 intermediate panels; 3 door panels; 4 front panels; 3 shower slatted bench seats	nr		£2,679.30	
	19mm thick 730kg/m grade moisture resistant chipboard cubicle partition sets				
004	Range of 1 nr cubicles; 1 door panels; 2 front panels	nr		£503.10	
005	Range of 2 nr cubicles; 1 intermediate panels; 1 end panels; 2 door panels	nr		£1,396.19	
006	Range of 3 nr cubicles; 2 intermediate panels; 3 door panels; 4 front panels	nr		£2,679.30	
	Trims				
007	Trim; plugging and screwing to block work	m		£9.01	
008	Trim fixing with adhesive	m		£10.27	
	FURNITURE / EQUIPMENT				
	N13 SANITARY APPLIANCES/FITTINGS				
	Pre-plumbed system mixer valves and overhead showers				
009	19mm diameter inlets combined spray and jet nozzle; fixing to panel	nr		£0.00	
B3(8) - Depot Building - Page 32					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Shower fittings				
	Trays				
010	900 x 700mm; waste fitting 32mm diameter	nr		£0.00	
	Pre-plumbed lavatory basins; 32mm bottle trap; 15mm taps;				
011	Fixed to panel	nr		£0.00	
	Sinks				
	Sinks with single drainers combined; pair 22mm taps; 32mm bottle trap				
012	In Control Room; including floor unit	nr		£0.00	
013	In kitchen; fixed into kitchen units	nr		£0.00	
	Cleaners sinks				
014	Stainless steel cleaners sink fixed to block wall	nr		£0.00	
015	Stainless steel cleaners sink including pair 22mm taps and 32mm bottle trap; fixed to plasterboard wall	nr		£0.00	
	Disabled Toilet Package				
016	Standard Pack including WC, basin, handrails etc; fixed to panels	nr		£0.00	
	WC Suites				
017	Fixed to concrete floors and panels	nr		£0.00	
	Divider panels between urinal bowls				
018	Fixed to panel	nr		£0.00	
	Urinal bowl including trap; down pipe from automatic cistern				
019	Fixed to panel	nr		£0.00	
B3(8) - Depot Building - Page 33					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Automatic flushing urinal cisterns including drip traps				
020	Fixed to panel	nr		£0.00	
	Clinical washbasin; taps; bottle trap				
021	Fixed to panel	nr		£0.00	
	Vanity units				
022	Fixed to panel	nr		£0.00	
	Washroom System - IPS panels				
	Walls				
023	over 300mm wide; to and including steel framing	m2		£0.00	
B3(8)15	DISPOSAL INSTALLATION				
	DISPOSAL SYSTEMS				
	R10 RAINWATER PIPEWORK/GUTTERS				
	Aluminium pipework				
	Pipes				
001	To metal nominal size 150mm	m		£0.00	
002	Extra over for joint to plastics pipe	nr		£0.00	
003	Extra over for swan neck bends	nr		£0.00	
	Insulated gutters				
	Boundary wall gutters				
004	To metal	m		£0.00	
	Extra over for				
005	Angles 90 degrees	nr		£0.00	
006	Running outlets	nr		£0.00	
B3(8) - Depot Building - Page 34					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	WATER INSTALLATION				
	SURFACE FINISHES				
	M60 PAINTING				
	Painting metal				
	Services				
007	Isolated surfaces not exceeding 300 girth	m		£13.65	
B3(8)16	PIPED SUPPLY SYSTEMS				
	S10 COLD WATER				
	Copper pipework				
	Pipes				
001	15mm nominal size; fixing with pipe clips; to masonry	m		£0.00	
002	Extra over for tees	nr		£0.00	
003	Extra over for bends 90 degree	nr		£0.00	
004	Extra over for made bends	nr		£0.00	
005	Extra over for flexible tap connector	nr		£0.00	
006	15mm nominal size; fixing with pipe clips; to plasterboard partition	m		£0.00	
007	Extra over for bends; 90 degree	nr		£0.00	
008	Extra over for made bends	nr		£0.00	
009	Extra over for flexible tap connector	nr		£0.00	
010	Extra over for tees	nr		£0.00	
011	15mm nominal size; suspended from metal faced concrete floor	m		£0.00	
012	Extra over for bends 90 degree	nr		£0.00	
013	22mm nominal size; fixing with pipe clips; to masonry	m		£0.00	
014	Extra over for tees	nr		£0.00	
015	Extra over for bends 90 degree	nr		£0.00	
016	Extra over for straight tap connector	nr		£0.00	
017	22mm nominal size; fixing with pipe clips; to plasterboard partition	m		£0.00	
018	Extra over for bends; 90 degree	nr		£0.00	
B3(8) - Depot Building - Page 35					£0.00

BBS Consortium
 Billfinger Berger - Siemens

B3(8) - Depot Building
 Section A

B3(8) - Depot Building
 Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
019	Extra over for tees	nr		£0.00	
020	Extra over for made bends	nr		£0.00	
021	Extra over for flexible tap connector	No		£0.00	
022	Extra over for bent tap connector	nr		£0.00	
023	22mm nominal size; suspended from metal faced concrete floor concrete floor	m		£0.00	
024	Extra over for bends 90 degree	nr		£0.00	
025	28mm nominal size; fixing with pipe clips; to plasterboard partition	m		£0.00	
026	Extra over for tees	nr		£0.00	
027	Extra over for bends; 90 degree	nr		£0.00	
028	28mm nominal size; suspended from metal faced concrete floor	m		£0.00	
029	Extra over for bends 90 degree	nr		£0.00	
030	Extra over for tees	nr		£0.00	
031	35mm nominal size; fixing with pipe clips; to masonry	m		£0.00	
032	35mm nominal size fixed to metal	m		£0.00	
033	Extra over for bends; 90 degree	nr		£0.00	
034	Extra over for tees	nr		£0.00	
035	42mm nominal size fixed to metal	m		£0.00	
036	Extra over for tees	nr		£0.00	
	Pipes and fittings				
037	Allow for all 42mm pipes and fittings in power and energy centre	Item		£0.00	
	Gunmetal ancillaries				
	Isolating valves				
038	15mm nominal size; to copper pipe	nr		£0.00	
039	22mm nominal size; to copper pipe	nr		£0.00	
B3(8) - Depot Building - Page 36					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	Aluminium supports				
	Brackets				
040	For pipe 35mm nominal size; fixed to metal stud partition	nr		£0.00	
	S11 HOT WATER				
	Copper pipework				
	Pipes				
041	15mm nominal size; fixing with pipe clips; to masonry	m		£0.00	
042	Extra over for tees	nr		£0.00	
043	Extra over for bends 90 degree	nr		£0.00	
044	Extra over for made bends	nr		£0.00	
045	Extra over for flexible tap connector	nr		£0.00	
046	15mm nominal size; fixing with pipe clips; to plasterboard partition	m		£0.00	
047	Extra over for bends; 90 degree	nr		£0.00	
048	Extra over for made bends	nr		£0.00	
049	Extra over for flexible tap connector	nr		£0.00	
050	22mm nominal size; fixing with pipe clips; to masonry	m		£0.00	
051	Extra over for tees	nr		£0.00	
052	Extra over for bends 90 degree	nr		£0.00	
053	Extra over for straight tap connector	nr		£0.00	
054	22mm nominal size; fixing with pipe clips; to plasterboard partition	m		£0.00	
055	Extra over for bends; 90 degree	nr		£0.00	
056	Extra over for tees	nr		£0.00	
057	Extra over for made bends	nr		£0.00	
058	Extra over for flexible tap connector	nr		£0.00	
059	Extra over for bent connector	nr		£0.00	
060	22mm nominal size; suspended from metal faced concrete floor	m		£0.00	
061	Extra over for bends; 90 degree	nr		£0.00	
B3(8) - Depot Building - Page 37					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	S12 HOT AND COLD WATER (SMALL SCALE)				
	Equipment				
	Boosted Hot and Cold Water Services ; including all interconnecting pipework				
079	All as shown on drawings in plant room	Item		£0.00	
	S20 TREATED WATER				
	Equipment				
	Rainwater Reclaiming Set ; including all interconnecting pipework				
080	All as shown on drawings in plant room	Item		£0.00	
	Copper pipework				
	Pipes				
081	15mm nominal size; fixing with pipe clips; to masonry	m		£0.00	
082	Extra over for bends 90 degree	nr		£0.00	
083	Extra over for bent tap connector	nr		£0.00	
084	Extra over for tees	nr		£0.00	
085	15mm nominal size; fixing with pipe clips; to plasterboard partition	m		£0.00	
086	Extra over for bends; 90 degree	nr		£0.00	
087	Extra over for bent tap connector	nr		£0.00	
088	Extra over for tees	nr		£0.00	
089	15mm nominal size; suspended from metal faced concrete floor	m		£0.00	
090	Extra over for bends 90 degree	nr		£0.00	
091	Extra over for tees	nr		£0.00	
092	15mm nominal size; to metal	m		£0.00	
093	Extra over for bends; 90 degree	nr		£0.00	
094	Extra over for tees	nr		£0.00	
095	28mm nominal size; to metal	m		£0.00	
B3(8) - Depot Building - Page 39					£0.00

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B3(8) - Depot Building
 Section A

B3(8) - Depot Building
 Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
096	Extra over for tees	nr		£0.00	
	Pipes and fittings				
097	Allow for all 28mm pipes and fittings in power and energy centre	Item		£0.00	
	Gunmetal ancillaries				
	Isolating valves				
098	15mm nominal size to copper pipe	nr		£0.00	
	Water economy device				
099	15mm nominal size to copper pipe	nr		£0.00	
	Aluminium supports				
	Brackets				
100	For pipe 15mm nominal size; fixed to metal stud proprietary partition	nr		£0.00	
B3(8)17	SPACE HEATING AND AIR TREATMENT MECHANICAL HEATING / COOLING / REFRIGERATION SYSTEMS T40 WARM AIR HEATING Carry out the complete supply and installation of Mechanical Engineering Services				
001	Boiler module including all pipework and fittings	nr		£0.00	
002	High level gas 90 degree bend	nr		£0.00	
003	High level gas fired radiant heating comprising four heaters approximately 49 metres long to tram workshop	Item		£0.00	
004	High level gas flue	m		£0.00	
005	High level gas flue 90 degree bend	nr		£0.00	
006	High level gas flue cross junction	nr		£0.00	
B3(8) - Depot Building - Page 40					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
007	High level gas flue fan with 200 mm discharge through wall	nr		£0.00	
008	High level gas flue tee joint	nr		£0.00	
009	High level gas pipework	m		£0.00	
010	High level gas tee joint	nr		£0.00	
011	High level gas valve	nr		£0.00	
012	Low pressure hot water F & R pipework 90 degree bend	nr		£0.00	
013	Low pressure hot water F & R pipework route at low level	m		£0.00	
014	Low pressure hot water F & R pipework tee joint	nr		£0.00	
015	Low pressure hot water radiators	nr		£0.00	
016	Record drawings, Client instructions and O&M manuals	Item		£0.00	
017	Testing and commissioning	Item		£0.00	
	U10 GENERAL SUPPLY/EXTRACT				
	Carry out the complete supply and installation of Mechanical Engineering Services				
018	Complete System	Item		£0.00	
	VENTILATING SYSTEMS				
	VENTILATION / AIR CONDITIONING SYSTEMS				
	U10 GENERAL SUPPLY/EXTRACT				
	Carry out the complete supply and installation of Mechanical Engineering Services				
019	Air handling unit controller	nr		£0.00	
020	Battery Room extract fan 250 x 250 discharge	nr		£0.00	
021	Battery changing room hydrogen emission control ventilation system	Item		£0.00	
022	Communications Room computer suite type close control units with fresh air cooling option	nr		£0.00	
023	Communications Room heat A/C condensers	nr		£0.00	
B3(8) - Depot Building - Page 41					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
024	Control Room standby A/C condenser	nr		£0.00	
025	Equipment room DX free cooling system (duty/standby)	Item		£0.00	
026	Extract grilles in ceilings	nr		£0.00	
027	Extract system for Cash Office W/C system	Item		£0.00	
028	FM200 gas suppression system	nr		£0.00	
029	Fresh air supply ductwork	m		£0.00	
030	Fresh air supply ductwork 3 way junction	nr		£0.00	
031	Fresh air supply ductwork 4 way junction	nr		£0.00	
032	Fresh air supply ductwork 90 degree bends	nr		£0.00	
033	Fresh air supply ductwork slow bends	nr		£0.00	
034	Heat recovery air unit at high level	nr		£0.00	
035	Kitchen extract fan in roof void discharge through façade	nr		£0.00	
036	Supply air grilles in ceilings	nr		£0.00	
037	Toilet extract fans	nr		£0.00	
038	UPS Room extract fan 200 x 200 discharge	nr		£0.00	
039	UPS Room heat pump condenser	nr		£0.00	
040	UPS/Battery room DX heat pump and hydrogen emission control ventilation system	Item		£0.00	
041	VRV air cooling fan coil (return air into ceiling void via light fittings)	nr		£0.00	
042	VRV condensers on roof of Power/Energy Centre Building	Item		£0.00	
B3(8)18	ELECTRICAL INSTALLATIONS				
	ELECTRICAL SUPPLY / POWER LIGHTING SYSTEMS				
	V21 GENERAL LIGHTING				
	Carry out the complete supply and installation of Mechanical Engineering Services				
001	600 x 600mm Modular	nr		£0.00	
002	600 x 600mm Modular recessed (ref B)	nr		£0.00	
B3(8) - Depot Building - Page 42					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
003	1500 x 300mm Recessed luminaire	nr		£0.00	
004	1500mm Batten	nr		£0.00	
005	1500mm Batten (ref A)	nr		£0.00	
006	1500mm Batten (ref E)	nr		£0.00	
007	1500mm Batten (ref F)	nr		£0.00	
008	1800mm Batten (ref L)	nr		£0.00	
009	Electric convector heater	nr		£0.00	
010	Electricity supply main switchboard	nr		£0.00	
011	General luminaire	nr		£0.00	
012	General luminaire (ref D)	nr		£0.00	
013	General luminaire (ref G)	nr		£0.00	
014	General luminaire (ref J)	nr		£0.00	
015	High bay lighting (ref K) in workshop	nr		£0.00	
016	High bay luminaire	nr		£0.00	
017	Intermediate switch	nr		£0.00	
018	Maintenance pit lighting	nr		£0.00	
019	One way switch	nr		£0.00	
020	Record drawings, Client instructions and O&M manuals	Item		£0.00	
021	SP&N distribution board	nr		£0.00	
022	Small power 13A switched socket outlet	nr		£0.00	
023	Small power 13A twin switched socket outlet	nr		£0.00	
024	TP&N distribution board	nr		£0.00	
025	Testing and commissioning	Item		£0.00	
026	Two way switch	nr		£0.00	
	V40 EMERGENCY LIGHTING				
	Carry out the complete supply and installation of Mechanical Engineering Services				
027	600 x 600mm Emergency modular recessed	nr		£0.00	
028	1500 Emergency batten (ref AE)	nr		£0.00	
029	1500 Emergency batten (ref EL)	nr		£0.00	
B3(8) - Depot Building - Page 43					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
030	Emergency exit signs	Item		£0.00	
031	Emergency general luminaire	nr		£0.00	
032	Emergency general luminaire (ref DE)	nr		£0.00	
033	Emergency general luminaire (ref GE)	nr		£0.00	
034	Emergency general luminaire (ref JE)	nr		£0.00	
035	Emergency maintenance pit lighting	nr		£0.00	
	V90 ELECTRICAL INSTALLATION (SMALL SCALE)				
	Carry out works				
036	Switches	nr		£0.00	
037	Earthing and bonding	Item		£0.00	
038	Emergency lighting installation	Item		£0.00	
039	Emergency luminaires	Item		£0.00	
040	Fire alarm system	Item		£0.00	
041	Main switchgear	Item		£0.00	
042	Mains lighting installation	Item		£0.00	
043	Mains luminaires	Item		£0.00	
044	Small power accessories	Item		£0.00	
045	Small power installation	Item		£0.00	
046	Sub-distribution	Item		£0.00	
B3(8)19	COMMUNICATIONS / SECURITY / CONTROL SYSTEMS				
	W10 TELECOMMUNICATIONS				
	Carry out the complete supply and installation				
001	Communications system including telephone, data outlet, modem outlet, fax outlet, FM outlet, television outlet, clock and speaker	Item		£0.00	
002	Public address system including wall and ceiling mounted PA speaker, flashing beacon, speaker, microphones and CD player	Item		£0.00	
B3(8) - Depot Building - Page 44					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
	W20 CCTV				
	Carry out the complete supply and installation				
003	CCTV camera external system	nr		£0.00	
004	CCTV camera internal system	nr		£0.00	
	W41 SECURITY DETECTION AND ALARM				
	Carry out the complete supply and installation				
005	Security panel	nr		£0.00	
006	Security system including remote keypad, alarm sounder, magnetic door contact, panic button and detectors	Item		£0.00	
	W50 FIRE DETECTION AND ALARM				
	Carry out the complete supply and installation				
007	Fire alarm main panel	nr		£0.00	
008	Fire alarm sounder and strobe	nr		£0.00	
009	Fire alarm system bell	nr		£0.00	
010	Fire alarm system circuit isolator	nr		£0.00	
011	Fire alarm system interface	nr		£0.00	
012	Fire alarm system interface 2 input	nr		£0.00	
013	Fire alarm system manual call point	nr		£0.00	
014	Fire alarm system power supply unit	nr		£0.00	
015	Fire alarm system remote LED	nr		£0.00	
016	Heat detector	nr		£0.00	
017	Ionization smoke detector	nr		£0.00	
018	Optical smoke detector	nr		£0.00	
B3(8) - Depot Building - Page 45					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)20	BUILDERS WORK IN CONNECTION WITH SERVICES				
	BUILDING FABRIC SUNDRIES				
	P31 HOLES/CHASES/COVERS/SUPPORTS FOR PLUMBING AND ELECTRICAL SERVICES				
	General builders work				
	Services Bridge				
001	Allow for construction of services bridge between Power/Energy centre building and Depot ; size approximately 3500 x 2000 x 850mm high	Item		£7,800.14	
B3(8)21	Testing and Commissioning				
001	testing and commissioning of all Depot Building 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				
	Mechanical & Electrical in total	sum		£2,288,869.53	
B3(8) - Depot Building - Page 46					£0.00

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B3(8)22 - Power Centre
Section A

B3(8)22 - Power Centre
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)22	POWER CENTRE				
	SUBSTRUCTURE				
	GROUNDWORK				
	D20 EXCAVATING AND FILLING				
	Excavating				
	To reduce levels				
001	1.00 m maximum depth	m3		£6.51	
	Trenches exceeding 300 wide				
002	2.00 m maximum depth	m3		£9.03	
	Disposal				
	Excavated material				
003	Off site	m3		£12.05	
	Blinding ; sand				
	Filling to make up levels				
004	25mm thick	m2		£1.64	
	Excavated material				
	Filling to excavations				
005	Over 250 average thick ; compacting	m3		£9.27	
	Hardcore				
	Filling to excavations				
006	Not exceeding 250 average thick ; compacting	m3		£30.20	
007	Over 250 average thick ; compacting	m3		£33.23	
	Surface treatments				
008	Compacting bottoms of excavations	m2		£2.29	
	Compacting				
009	Sand filling	m2		£0.00	
B3(8)20 - Power Centre - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)22	POWER CENTRE				
	IN SITU CONCRETE / LARGE PRECAST CONCRETE				
	E05 IN SITU CONCRETE CONSTRUCTION				
	GENERALLY				
	Plain				
	Filling hollow walls				
010	Not exceeding 150 thick	m3		£182.78	
	Reinforced RC40				
	Beds				
011	Not exceeding 150 thick	m3		£149.72	
	E20 FORMWORK FOR IN SITU CONCRETE				
	Formwork Fair finish				
	Sides of ground beams and edges of beds				
012	Not exceeding 250 high	m		£17.60	
	E30 REINFORCEMENT FOR IN SITU CONCRETE				
	Reinforcement including tying wire and spacers and chairs				
	Fabric A252				
013	Generally	m2		£5.93	
	E41 WORKED FINISHES TO IN SITU CONCRETE				
	Surface finish				
	Power floating				
014	Generally	m2		£4.72	
B3(8)20 - Power Centre - Page 2					£0.00

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B3(8)22 - Power Centre
 Section A

B3(8)22 - Power Centre
 Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)22	POWER CENTRE				
	MASONRY				
	F10 BLOCK WALLING				
	Block work				
	Walls				
015	100 mm thick	m2		£33.82	
016	150 mm thick	m2		£38.65	
	F30 SUNDRY ITEMS FOR BLOCK WALLING				
	Sundries				
	Forming cavities in hollow walls				
017	50mm wide wall ties	m2		£1.64	
	Damp proof courses				
	Cavity trays				
018	Over 225 wide ; horizontal	m2		£19.28	
	WATERPROOFING				
	J40 FLEXIBLE SHEET DAMP PROOFING				
	1200 gauge polyethylene				
	Tanking and damp proofing				
019	Horizontal ; to hardcore	m2		£1.12	
020	Vertical ; to block work	m2		£1.12	
	Vertical				
021	Not exceeding 200 girth ; to block work	m		£0.44	
B3(8)20 - Power Centre - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL
					£
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)22	POWER CENTRE				
	ROOF				
	IN SITU CONCRETE / LARGE PRECAST CONCRETE				
	E05 IN SITU CONCRETE CONSTRUCTION GENERALLY				
	Reinforced in-situ concrete mix RC30				
	Slabs				
022	Not exceeding 150 thick	m3		£142.88	
	E20 FORMWORK FOR IN SITU CONCRETE				
	Formwork permanent shuttering				
	Soffits of slabs				
023	Not exceeding 200 thick; 4 to 4.50m high to soffit	m2		£122.36	
024	Not exceeding 200 thick; 4.5 to 5.00m high to soffit	m2		£128.86	
	E30 REINFORCEMENT FOR IN SITU CONCRETE				
	Reinforcement to BS 4449 including hooks and tying wire, spacers and chairs				
	Bars				
025	Allow 200kg/m3	t		£1,194.72	
	E41 WORKED FINISHES TO IN SITU CONCRETE				
	Trowelling				
026	Generally	m2		£4.72	
	B3(8)20 - Power Centre - Page 4				£0.00

BBS Consortium
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B3(8)22 - Power Centre
Section A

B3(8)22 - Power Centre
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)22	POWER CENTRE				
	CLADDING / COVERING				
	H71 LEAD SHEET FLASHINGS				
	Lead work				
	Cover flashings				
027	150mm girth ; bent 1	m		£32.50	
	WATERPROOFING				
	J43 PROPRIETARY ROOF DECKING WITH FELT FINISH				
	Roof coverings with 25 year life				
028	Pitch 1 ; degrees to concrete	m2		£97.50	
	Skirtings				
029	200 to 400mm girth ; to block work	m		£52.00	
	EXTERNAL WALLS				
	MASONRY				
	F10 BLOCK WALLING				
	Block work				
	Walls				
030	100 mm thick	m2		£33.82	
031	150 mm thick ; facework one side	m2		£42.55	
	Closing cavities				
032	50mm wide ; block work 150mm thick ; horizontal	m		£9.58	
033	50mm wide ; block work 150mm thick ; vertical	m		£18.08	
	F30 SUNDRY ITEMS FOR BLOCK WALLING				
	Sundries				
	Forming cavities in hollow walls				
034	50mm wide wall ties as specification	m2		£1.64	
B3(8)20 - Power Centre - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)22	POWER CENTRE				
	F31 PRECAST CONCRETE LINTELS				
	Precast concrete				
	Lintels				
035	150mm x 200mm x 2600mm long ; rectangular surface finish 350mm girth	Nr		£89.15	
036	300mm x 200mm x 1600mm long ; rectangular surface finish 500mm girth	Nr		£73.98	
037	300mm x 200mm x 2600mm long ; rectangular surface finish 500mm girth	Nr		£116.19	
	CLADDING / COVERING				
	H43 METAL PANEL CLADDING				
	Insulated Wall Cladding System				
038	Vertical; panels fixed horizontally	m2		£66.95	
	Extra over for				
039	External angle	m		£19.50	
040	Internal angle	m		£19.50	
	Coping				
041	To 195mm wide composite wall	m		£97.76	
042	Extra over for external angle	Nr		£19.50	
043	Extra over for fair end	Nr		£19.50	
044	To 345mm wide composite wall	m		£97.76	
045	Extra over for external angle	Nr		£19.50	
046	Extra over for fair end	Nr		£19.50	
	Flashings				
047	To edge of door opening	m		£19.50	
048	To edge of service bridge	m		£19.50	
049	To top of door opening	m		£19.50	
B3(8)20 - Power Centre - Page 6					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)22	POWER CENTRE				
	WINDOWS AND EXTERNAL DOORS				
	WINDOWS / DOORS / STAIRS				
	L20 SHUTTERS				
	Fire doors with frames				
050	1000mm x 2100mm; single door; fixed to block work; powder coated finish	Nr		£1,170.02	
051	2000mm x 2100mm; double door; fixed to block work; powder coated finish	Nr		£2,080.04	
	WALL FINISHES				
	SURFACE FINISHES				
	M60 PAINTING				
	Painting block work; one undercoat and two hard gloss oil paint finish				
	General surfaces				
052	Over 300 girth	m2		£6.00	
	FLOOR FINISHES				
	SURFACE FINISHES				
	M12 TROWELLED RESIN FLOORING				
	Resin Floors				
053	Level or to falls only not exceeding 15 degrees from horizontal; to concrete	m2		£16.25	
	Resin Skirtings				
054	200mm high; to block work	m		£26.00	
	M60 CLEAR FINISHING EXTERNALLY				
	Sealing concrete ; hardner and dust proofer				
	General surfaces				
055	Over 300 girth	m2		£6.33	
B3(8)20 - Power Centre - Page 7					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)22	POWER CENTRE				
	CEILING FINISHES				
	SURFACE FINISHES				
	M60 PAINTING				
	Painting steel; one undercoat and two hard gloss oil paint finish				
	General surfaces				
056	Over 300 girth ; 4 to 4.5m above floor ; in plant rooms	m2		£13.65	
	DISPOSAL INSTALLATION				
	DISPOSAL SYSTEMS				
	R10 RAINWATER PIPEWORK				
	Aluminium pipework				
	Pipes				
057	102mm nominal size ; fixing with pipe clips ; plugging and screwing to block work	m		£39.00	
	Cast iron ancillaries				
	Floor outlets				
058	To clay pipe outlet 102mm nominal size	Nr		£65.00	
	Aluminium ancillaries				
	Roof outlets				
059	To 102mm aluminium pipe	Nr		£39.00	
	Testing and Commissioning				
060	testing and commissioning of all Power Centre Building works	sum		£0.00	
B3(8)20 - Power Centre - Page 8					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)22	POWER CENTRE				
	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				
				B3(8)20 - Power Centre - Page 9	£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)21	EXTERNAL DEPOT WORKS				
	SITE CLEARANCE				
001	General site clearance	ha		£0.00	
002	Allow for the Demolition of building or structures not detailed	item		£0.00	
	GROUNDWORK				
	D20 EXCAVATING AND FILLING				
	Excavating				
	To reduce levels				
003	8.00 m maximum depth	m3		£2.20	
	Disposal				
	Excavated material				
004	Off site	m3		£11.38	
	Hardcore				
	Filling to Excavations				
005	Over 250 average thick ; compacted	m3		£25.29	
	Surface Treatments				
	Compacting				
006	Depot access road embankment	Item		£0.00	
	Surface Treatments				
	Trimming				
007	Sides of Embankment - Depot access Road	Item		£0.00	
	TAKE UP OR DOWN AND SET ASIDE FOR REUSE OR REMOVE TO STORE OR TIP OFF SITE				
008	Allow for the Take Up or Down and Set Aside for Reuse or Remove to Store or Tip off Site of items not detailed	item		£0.00	
B3(8)21 - External Depot Works - Page 1					£0.00

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B3(8)23 - External Depot Works
Section A

B3(8)23 - External Depot Works
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)21	EXTERNAL DEPOT WORKS				
009	Take up or down and remove to tip off Site precast concrete kerbs	m		£6.26	
	FENCING				
	FENCING, GATES AND STILES				
010	Open mesh steel panel security fencing	m		£56.68	
011	Open mesh steel panel security gate for footway 1500mm width	no		£1,099.82	
012	Open mesh steel panel security gate for footway 2000mm width	no		£1,344.22	
013	Open mesh steel panel security gate for road 7300mm width	no		£2,739.15	
014	Open mesh steel panel security gate for track 8500mm width	no		£3,185.06	
015	Open mesh steel panel security gate for track 10500mm width	no		£3,933.87	
016	Road barrier for 6000mm wide service road	no		£2,275.04	
017	Steel bollards	item		£2,080.04	
	STEPS				
018	Flight of steps with security fence	no		£6,500.12	
	EXCAVATION IN HARD MATERIAL				
019	Extra over excavation for excavation in Hard Material in fencing works	item		£1,183.03	
	ROAD RESTRAINT SYSTEMS (VEHICLE AND PEDESTRIAN)				
	SAFETY BARRIERS				
020	Allow for Safety barrier	item		£26,000.48	
	PEDESTRIAN PARAPETS, GUARDRAILS AND HANDRAILS				
021	Handrail to visitors entrance	m		£78.00	
B3(8)21 - External Depot Works - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)21	EXTERNAL DEPOT WORKS				
	DRAINAGE AND SERVICE DUCTS				
	DRAINS AND SERVICE DUCTS (EXCLUDING FILTER DRAINS, NARROW FILTER DRAINS AND FIN DRAINS)				
022	Rainwater pumping main from Rainwater Tanks to Energy Centre and Tram Wash in trench	m		£31.33	
023	Drain in trench depth to invert; Foul Water	m		£35.94	
024	Drain in trench depth to invert; Rain Water	m		£35.94	
025	Drain in trench depth to invert; Surface Water	m		£35.94	
026	Drain in trench depth to invert; Surface Water (gully connections)	m		£39.99	
	MISCELLANEOUS				
027	Allow for Access Road Surface Water Drainage from the existing roundabout to the car park area	m2		£7.36	
028	Allow for Service Ducts	item		£13,000.24	
029	Allow for Stabling Area Drainage	m2		£0.65	
030	Allow for Track Drainage	item		£39,000.72	
	CHAMBERS AND GULLIES				
031	Chamber for the entry and exit of water to the Rainwater Tanks; Include for all pipework and pumping equipment etc.	no		£13,000.24	
032	Chamber with cover and frame depth to invert; Foul Water	no		£885.00	
033	Petrol and oil interceptor Class 1	no		£13,000.24	
034	Chamber with cover and frame depth to uppermost surface of base slab; Surface Water	no		£1,145.47	
035	Chamber with cover and frame depth; Rain Water	no		£885.00	
036	Gully; Deep seal type	no		£309.03	
B3(8)21 - External Depot Works - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)21	EXTERNAL DEPOT WORKS				
	MISCELLANEOUS				
037	Allow for the combined outfall discharge of the Surface water and treated water from the Pumping Station to a point to be determined	item		£26,000.48	
038	Pumping Station	item		£13,000.24	
039	Rainwater Tanks	item		£52,000.96	
040	Sewage Treatment Works including all pipework from entry to discharge into pump house	item		£66,001.20	
	SOFT SPOTS AND OTHER VOIDS				
041	Excavation of soft spots and other voids in bottom of trenches, chambers and gullies	item		£2,600.05	
042	Filling of soft spots and other voids in bottom of trenches, chambers and gullies	item		£3,250.06	
	EXCAVATION IN HARD MATERIAL				
043	Extra over any item of drainage for excavation in hard material	item		£23,660.44	
	WASTE WATER TREATMENT				
044	Allow for Waste Water treatment plant including chambers, interconnecting pipework, trenches and the like	item		£130,002.40	
	ELECTRICAL WORK FOR ROAD LIGHTING AND TRAFFIC SIGN				
	TRENCH FOR CABLE OR DUCT				
045	Trench for cable	m		£10.47	
046	Trench for cable (to kiosks)	m		£10.47	
047	Trench for duct	m		£10.47	
048	Trench for duct (to kiosks)	m		£11.49	
	CABLE AND DUCT				
049	Cable fixed to wall (floodlights)	m		£0.00	
B3(8)21 - External Depot Works - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B3	DEPOT				
B3(8)	DEPOT BUILDING				
B3(8)21	EXTERNAL DEPOT WORKS				
050	Cable in duct	m		£0.00	
051	Cable in duct (to kiosks)	m		£0.00	
052	Cable in trench	m		£0.00	
053	Cable in trench (to kiosks)	m		£0.00	
054	Duct in trench	m		£2.06	
055	Duct in trench (to kiosks)	m		£2.15	
	CABLE JOINTS AND TERMINATIONS				
056	Termination to cable in wall mounting (floodlights)	no		£0.00	
057	Termination to cable in kiosk	no		£0.00	
058	Termination to cable in road lighting column	no		£0.00	
	FEEDER PILLARS				
059	Weather proof external distribution kiosks for the supply of electric to the external lighting, points heaters (track), tram kiosks, cctv cameras and pumps	no		£0.00	
	EARTH ELECTRODES				
060	Earth electrodes	item		£0.00	
	CHAMBERS				
061	Chamber type UTX (under track crossing) (to kiosks)	no		£0.00	
	BRICKWORK, BLOCKWORK AND STONEMWORK				
	BRICKWORK				
062	Brickwork in walls; Wall to planting areas	m		£52.08	
063	Brickwork in walls; Wall to storage area	m		£52.08	
064	Brickwork in walls; Screen wall to waste area	m		£52.08	
B3(8)21 - External Depot Works - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SUB-SECTION 2A				
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	
	Kerbs, Footways & Paved Areas				
010	Kerbs	m		£25.48	
011	Edgings	m		£24.05	
012	Footway	m2		£21.65	
	Traffic Signs & Road Markings				
013	Signage generally	Item		£6,939.28	
	Sign Diagram No:				
014	602	nr		£346.97	
015	616	nr		£346.97	
016	953.1	nr		£346.97	
B4(1) - Highways - Sub-Section 2A - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
017	953.2	nr		£346.97	
018	963.3	nr		£346.97	
	Road Markings				
019	White lining, yellow lining etc. (Measured as km of carriageway)	km		£10,408.91	
	Landscaping				
020	Landscaping	item		£10,408.91	
	Street Lighting and Junction Signals				
021	Street Lighting Measured pro rate against pedestrian footways	km		£0.00	
022	Junctions (Lights and Signals)	nr		£0.00	
	Testing and Commissioning				
023	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				
	SITE CLEARANCE SCHEDULE FOR 2A - AS NEW DOCUMENT MARCH 2007 - ULE90130-SW-SPN-00090 v 1"				
	Site Clearance				
	Item 0005 - Remove and scrap Fence, wood approx 1m high - Photo 6 & 7	item		£288.67	
	Item 0006 - Remove and scrap Fence, wood approx 1.7m high - Photo 8	item		£721.68	
	Item 0007 - Remove and scrap Planter - Photo 9	item		£144.34	
	Item 0008 - Remove and scrap Bollard - Photo 10	item		£72.17	
	Item 0009 - Remove and reuse Sign Post - Photo 11	item		£355.29	
	Item 0010 - Remove and scrap Fence, wood approx 1.7m high - Photo 12	item		£288.67	
	Item 0015 - Remove and scrap Fence, wood post & rail - Photo 16	item		£433.01	
	Item 0016 - Remove and scrap Fence, wood post & rail - Photo 17	item		£433.01	

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B4 - Sub-Section 2A
Section A

B4 - Sub-Section 2A
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Item 0018 - Reuse Signboard - Photo 20	item		£213.73	
	Item 0019 - Remove and scrap Railing - Photo 21	item		£216.50	
	Item 0020 - Remove and scrap Stone Wall, varies 1 - 3m high - Photo 22	item		£2,598.07	
	Item 0021 - Remove and scrap Billboard lit - Photo 23	item		£1,992.96	
	Item 0022 - Remove and scrap Billboard lit - Photo 24	item		£2,772.94	
	Item 0023 - Remove and scrap Litter Bin - Photo 25	item		£36.09	
	Item 0024 - Remove and scrap Bollard - Photo 26	item		£108.26	
	Item 0025 - Dismantle, Network Rail Wing Wall - Photo 27	item		£5,890.06	
	Item 0026 - Remove and dispose retaining wall, brick - Photo 28	item		£866.03	
	Item 0027 - Remove and scrap Gate - Photo 29	item		£433.01	
	Item 0029 - Remove and scrap Fence, chain link - Photo 31	item		£433.01	
	Item 0030 - Remove and dispose Retaining wall, brick - Photo 32	item		£433.01	
	Item 0031 - Demolish Building - Photo 33 & 37	item		£6,930.95	
	Item 0039 - Remove and scrap rodding eye - Photo ?	item		£144.34	
	Item 0102 - Remove and reuse kiosk - Photo ?	item		£1,143.60	
	Item 0104 - Remove and scrap pole - Photo ?	item		£216.50	
	Item 0105 - Remove and reuse Ticket Machine - Photo ?	item		£1,143.60	
	Item 0106 - Remove and reuse Ticket Machine - Photo ?	item		£1,143.60	
	Item 0107 - Remove and reuse Sign - Photo ?	item		£571.80	
	Item 0109 - Remove and scrap Post - Photo ?	item		£144.34	
	Item 0110 - Remove and scrap Post - Photo ?	item		£144.34	
	Item 0111 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0117 - Remove and reuse Sign - Photo ?	item		£571.80	
	Item 0118 - Remove and reuse Sign - Photo ?	item		£571.80	
	Item 0119 - Remove and reuse Environment Station - Photo ?	item		£866.03	
	Item 0120 - Remove and reuse Pota Cabin - Photo ?	item		£866.03	
	Item 0121 - Remove and reuse Gates - Photo ?	item		£577.34	
	Item 0122 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0123 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0124 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0125 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0126 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0127 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0128 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0129 - Remove and dispose of tree - Photo ?	item		£216.50	
	Item 0130 - Remove and dispose of tree - Photo ?	item		£216.50	

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Item 0139 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0140 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0144 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0145 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0147 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0154 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0155 - Remove and reuse Road Sign - Photo ?	item		£571.80	
	Item 0165 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0168 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0169 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0172 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0173 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0174 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0175 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0178 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0179 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0180 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0181 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0182 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0183 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0184 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0185 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0186 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0187 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0188 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0189 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0190 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0191 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0192 - Remove and reuse Road Sign - Photo ?	item		£288.67	

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B4 - Sub-Section 2A
 Section A

B4 - Sub-Section 2A
 Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Item 0193 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0196 - Remove and dispose shrubs - Photo ?	item		£288.67	
	Item 0197 - Remove and replace wire fence - Photo ?	item		£1,299.03	
B4(1) - Highways - Sub-Section 2A - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SUB-SECTION 5A				
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	
	Kerbs, Footways & Paved Areas				
010	Kerbs	m		£25.48	
011	Edgings	m		£24.05	
012	Footway	m2		£21.65	
	Traffic Signs & Road Markings				
013	Signage generally	Item		£6,939.28	
	Sign Diagram No:				
014	602	nr		£346.97	
015	772	nr		£346.97	
016	7014	nr		£346.97	
B4(1) - Highways - Sub-Section 5A - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Road Markings				
017	White lining, yellow lining etc. (Measured as km of carriageway)	km		£10,408.91	
	Pedestrian Level Crossings				
	To include signage, signals, road markings and surfacing				
018	controlled	nr		£0.00	
	Landscaping				
019	Landscaping	item		£10,408.91	
	Street Lighting and Junction Signals				
020	Street Lighting Measured pro rate against pedestrian footways	km		£0.00	
	Testing and Commissioning				
021	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				
	SITE CLEARANCE SCHEDULE FOR 5A - AS NEW DOCUMENT MARCH 2007 - ULE90130-SW-SCH-36 REV 2"				
	Site Clearance				
	Item 0001 - Remove and scrap Metal Frame - Photo 38	item		£3,083.81	
	Item 0002 - Remove and scrap Billboard (lit) - Photo 39	item		£1,576.60	
	Item 0003 - Remove and dispose Retaining Wall, brick - Photo 40	item		£2,425.97	
	Item 0004 - Remove, store and reuse Depot Sign - Photo 42	item		£144.34	
	Item 0005 - Remove, store and reuse Depot Sign - Photo 43	item		£144.34	
	Item 0007 - Remove, store and reuse Gate, pedestrian - Photo 44	item		£144.34	
	Item 0008 - Remove, store and reuse Gate, vehicle - Photo 45	item		£1,074.20	

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B4 - Sub-Section 5A
Section A

B4 - Sub-Section 5A
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Item 0009 - Remove, store and reuse Scotrail Lighting column - Photo 46	item		£1,074.20	
	Item 0010 - Remove, store and reuse Scotrail Lighting Column - Photo 47	item		£1,074.20	
	Item 0011 - Remove, store and reuse Lighting Column - Photo 48	item		£1,074.20	
	Item 0012 - Demolish and dispose of Steps - Photo 49	item		£288.67	
	Item 0013 - Remove, store and reuse Scotrail Lighting Column - Photo 50	item		£1,074.20	
	Item 0014 - Remove, store and reuse Lifting Barrier - Photo 51	item		£1,074.20	
	Item 0015 - Demolish and dispose of Steps - Photo 52	item		£785.53	
	Item 0016 - Remove, store and reuse Sliding Gate and Control point - Photo 53	item		£1,074.20	
	Item 0017 - Demolish and dispose of Gas House Building - Photo 54	item		£1,074.20	
	Item 0018 - Remove, store and reuse CCTV post - Photo 56	item		£1,992.96	
	Item 0019 - Telephone Pole steel - Photo 55	item		£0.00	
	Item 0020 - Telephone Pole steel - Photo 57	item		£0.00	
	Item 0021 - Remove, store and reuse CCTV Post - Photo 58	item		£1,992.96	
	Item 0023 - Remove and scrap chainlink fence - Photo 60 & 61	item		£1,299.03	
	Item 0024 - Telephone Pole wood - Photo 49	item		£0.00	
	Item 0025 - Demolish and dispose National Car Rentals Building - Photo 62	item		£0.00	Included
	Item 26 - Remove and scrap Fence, wood - Photo 63	item		£288.67	
	Item 0027 - Remove and scrap Fence, chainlink - Photo 0027	item		£866.03	
	Item 0028 - Remove and scrap Railing, iron - Photo 65	item		£2,598.07	
	Item 0029 - Remove and scrap Billboard - Photo 66	item		£2,772.94	
	Item 0030 - Remove and reuse Scotrail Security Hut - Photo 67	item		£866.03	
	Item 0031 - Remove and reuse Scotrail Sign - Photo 68	item		£355.29	
	Item 0032 - Remove and reuse Scotrail Sign (Depot) - Photo 69	item		£496.86	
	Item 0033 - Remove and reuse Gate, vehicle - Photo 70	item		£1,143.60	
	Item 0034 - Remove and scrap Billboard (mechanical) - Photo 71	item		£2,772.94	
	Item 0035 - Remove and scrap Billboard (lit) - Photo 72	item		£2,772.94	
	Item 0036 - Remove and scrap Gate, pedestrian - Photo 73	item		£144.34	
	Item 0037 - Remove and reuse Telephone pole, steel - Photo 74	item		£1,074.20	
	Item 0038 - Remove and scrap railing - Photo 75	item		£577.34	
	Item 0039 - Dismantle and reuse stone wall - Photo 76	item		£5,473.71	
	Item 0040 - Remove and scrap fence, concrete post and links - Photo 77	item		£866.03	
	Item 0041 - Remove and reuse Scotrail CCTV - Photo 78	item		£1,992.96	

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Item 0042 - Remove railway equipment, buffer stops (Scotrail property) - Photo 79	item		£866.03	
	Item 0043 - Remove and scrap disused lighting column - Photo 80	item		£288.67	
	Item 0044 - Remove and reuse steel telephone pole - Photo 81	item		£1,074.20	
	Item 0045 - Remove and scrap Billboard - Photo 82	item		£2,772.94	
	Item 0046 - Remove and scrap Billboard - Photo 83	item		£1,992.96	
	Item 0047 - Remove, store and reuse Sign (SRU Property) - Photo 84	item		£144.34	
	Item 0048 - Remove, store and reuse Sign (SRU Property) - Photo 85	item		£710.58	
	Item 0049 - Remove, store and reuse Gates, vehicle access (SRU Property) - Photo 86	item		£2,858.98	
	Item 0050 - Remove, store and reuse Fence, metal, 2.5m (SRU Property) - Photo 87	item		£6,672.80	
	Item 0051 - Remove, store and reuse Fence, metal, 2.5m (SRU Property) - Photo 88	item		£11,352.65	
	Item 0052 - Remove, store and reuse Sign (SRU Property) - Photo 89	item		£710.58	
	Item 0053 - Reconfiguration Works - Turnstile Block - Photo 90 - PROVISIONAL SUM	item		£23,795.20	
	Item 0054 - Dismantle and reuse Sign approx 10m high (SRU Property) - Photo 91	item		£12,393.55	
	Item 0055 - Remove, store and reuse Gates, vehicle access (SRU Property) - Photo 92	item		£1,212.98	
	Item 0056 - Dismantle and reuse Stoen Wall 1m high - Photo 93 & 94 - PROVISIONAL SUM	item		£17,846.40	
	Item 0057 - Remove and scrap handrail - Photo 95	item		£144.34	
	Item 0058 - Remove, store and reuse Gates, pedestrian (SRU Property) - Photo 96	item		£1,212.98	
	Item 0059 - Remove and scrap railings - Photo 97	item		£433.01	
	Item 0060 - Reconfiguration Works - Building (Stairs) blockwork and steel frame - Photo 98 - CLIENT'S PROVISIONAL SUM OF £1M FOR ACCOMMODATION WORKS TO COVER THIS ITEM.	item		£0.00	Included in Provisional Sum
	Item 0061 - Reconfiguration Works - Building (Store) blockwork and steel frame - Photo 99 - CLIENT'S PROVISIONAL SUM OF £1M FOR ACCOMMODATION WORKS TO COVER THIS ITEM.	item		£0.00	Included in Provisional Sum
	Item 0062 - Remove and scrap handrail - Photo 100	item		£433.01	
	Item 0063 - Remove, store and reuse Sign (SRU Property) - Photo 101	item		£355.29	
	Item 0064 - Remove and scrap container - Photo 102	item		£1,154.70	
	Item 0065 - Remove, store and reuse Sign (SRU Property) - Photo 104	item		£0.00	
	Item 0066 - Remove, store and reuse Sign (SRU Property) - Photo 105	item		£0.00	
	Item 0067 - Remove, store and reuse Railings steel (SRU Property) - Photo 106, 110	item		£0.00	
	Item 0068 - Remove, store and reuse Sign (SRU Property) - Photo 108	item		£355.29	

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Item 0069 - Remove, store and reuse Sign (SRU Property) - Photo 109	item		£213.73	
	Item 0070 - Remove and scrap Railings iron - Photo 111	item		£0.00	
	Item 0072 - Remove and scrap Fence, metal post and links - Photo 113	item		£0.00	
	Item 0073 - Remove and scrap Fence wooden slats - Photo 114	item		£0.00	
	Item 0074 - Dismantle and reuse Stone Wall - Photo 115	item		£0.00	
	Item 0075 - Demolish and dispose of Garage outbuilding, single storey - Photo 116	item		£0.00	
	Item 0076 - Remove and scrap billboard - Photo 117	item		£0.00	
	Item 0077 - Remove and scrap Billboard lit - Photo 118	item		£0.00	
	Item 0078 - Remove and scrap bin - Photo 119	item		£0.00	
	Item 0079 - Remove and scrap Railings - Photo 120	item		£0.00	
	Item 0080 - Remove and scrap Railings - Photo 121	item		£0.00	
	Item 0081 - Demolish Building - Photo 33 & 37	item		£6,930.95	
	Item 0082 - Remove and dispose of Wall, brick - Photo 34 & 36	item		£1,992.96	
	Item 0083 - Remove and scrap Gates - Photo 35	item		£288.67	
	Item 0084 - Demolish and dispose of Building, brick - Photo 1858 & 1561 - PROVISIONAL SUM PREVIOUSLY ALLOWED BY GRAHAM IN BOQ FOR RUSSELL RD WALLS W3&4	item		£0.00	Included in Provisional Sum
	Item 0085 - Demolish and dispose of Building, portal frame - Photo 1859 & 1863 - PROVISIONAL SUM PREVIOUSLY ALLOWED BY GRAHAM IN BOQ FOR RUSSELL RD WALLS W3&4	item		£0.00	Included in Provisional Sum
	Item 0086 - Demolish and dispose of Building, single storey concrete - Photo 1875 & 1876 - PROVISIONAL SUM PREVIOUSLY ALLOWED BY GRAHAM IN BOQ FOR RUSSELL RD WALLS W3&4	item		£0.00	Included in Provisional Sum
	Item 0087 - Dismantle and reuse Wall, stone - Photo 103	item		£0.00	
	Item 0088 - Remove, reuse - reconfiguration of Sprinkler Head - Photo 107	item		£1,646.00	
	Item 0089 - Remove Utility Box - Photo 75	item		£0.00	
	Item 0090 - Remove Utility Box - Photo 75	item		£0.00	
	Item 0091 - Remove Utility Box - Photo 82	item		£0.00	
	Item 0092 - Remove and scrap Railing - Photo 119	item		£0.00	
	Item 0093 - Remove and scrap Water Valve - Photo ?	item		£288.67	
	Item 0094 - Remove and scrap Water Valve - Photo ?	item		£288.67	
	Item 0095 - Remove, store and reuse Scotrail Lighting Column - Photo 48	item		£1,074.20	
	Item 0096 - Remove, store and reuse Scotrail Lighting Column - Photo 48	item		£1,074.20	
	Item 0097 - Remove Rodding Rye - Photo ?	item		£0.00	

BBS Consortium
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B4 - Sub-Section 5A
Section A

B4 - Sub-Section 5A
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Item 0098 - Demolish and dispose of Brick Wall - Photo ? - PROVISIONAL SUM	item		£2,379.52	
	Item 0099 - Remove and scrap pole - Photo ? - PROVISIONAL SUM	item		£297.44	
	Item 0100 - Remove, store and reuse Scotrail Lighting Column - Photo 48	item		£1,074.20	
	Item 0101 - Remove Telegraph Pole - Photo ?	item		£0.00	
	Item 0102 - Demolish and reuse Stone Wall - Photo ? - PROVISIONAL SUM	item		£2,379.52	
	Item 0103 - Remove rodding eye if necessary and reinstate - Photo ? - PROVISIONAL SUM	item		£594.88	
	Item 0104 - Remove water valve if necessary and reinstate - Photo ? - PROVISIONAL SUM	item		£594.88	
	Item 0105 - Remove Gully if necessary and reinstate - Photo ? - PROVISIONAL SUM	item		£594.88	
	Item 0106 - Remove water valve if necessary and reinstate - Photo ? - PROVISIONAL SUM	item		£594.88	
	Item 0107 - Remove Gully if necessary and reinstate - Photo ? - PROVISIONAL SUM	item		£594.88	
	Item 0108 - Remove water valve if necessary and reinstate - Photo ? - PROVISIONAL SUM	item		£594.88	
	Item 0109 - Remove Water Valve if necessary and reinstate - Photo ? - PROVISIONAL SUM	item		£594.88	
	Item 0110 - Remove Gully if necessary and reinstate - Photo ? - PROVISIONAL SUM	item		£594.88	
	Item 0111 - Remove Utility Box if necessary and reinstate - Photo ? - PROVISIONAL SUM	item		£594.88	

B4(1) - Highways - Sub-Section 5A - Page 2 £0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SUB-SECTION 5B				
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		£68.04	
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		£688.18	
	Earthworks				
003	Excavation of unacceptable material	m3		£5.30	
004	Disposal of unacceptable material	m3		£8.78	
	Pavements				
005	Sub base 150mm thick	m3		£25.45	
006	Base course	m2		£39.25	
007	Binder course	m2		£17.05	
008	Wearing course	m2		£13.94	
009	Milling pavement 40mm thick	m2		£1.81	
	Kerbs, Footways & Paved Areas				
010	Kerbs	m		£36.34	
011	Edgings	m		£36.34	
012	Footway	m2		£17.00	
	Traffic Signs & Road Markings				
013	Signage generally	Item		£3,532.65	
	Sign Diagram No:				
014	612	nr		£235.51	
015	613	nr		£235.51	
016	616	nr		£235.51	
B4(1) - Highways - Sub-Section 5B - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
017	951	nr		£235.51	
018	957	nr		£235.51	
019	966	nr		£235.51	
	Road Markings				
020	White lining, yellow lining etc. (Measured as km of carriageway)	km		£2,287.17	
	Pedestrian Level Crossings				
	To include signage, signals, road markings and surfacing				
021	controlled	nr		£26,662.09	
	Landscaping				
022	Landscaping	item		£123,642.75	
	Street Lighting and Junction Signals				
023	Street Lighting Measured pro rate against pedestrian footways	km		£23,551.00	
024	Junctions (Lights and Signals)	nr		£0.00	
	Testing and Commissioning				
025	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				
B4(1) - Highways - Sub-Section 5B - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SUB-SECTION 5C				
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		£68.04	
	Drainage & Service Ducts				
002	Gully including connection to existing drainage system (assume 5m)	nr		£688.18	
	Earthworks				
003	Excavation of unacceptable material	m3		£5.30	
004	Disposal of unacceptable material	m3		£8.78	
	Pavements				
005	Sub base 150mm thick	m3		£25.45	
006	Base course	m2		£38.88	
007	Binder course	m2		£16.24	
008	Wearing course	m2		£13.94	
009	Milling pavement 40mm thick	m2		£1.81	
	Kerbs, Footways & Paved Areas				
010	Kerbs	m		£36.34	
011	Edgings	m		£36.34	
012	Footway	m2		£17.00	
	Traffic Signs & Road Markings				
013	Signage generally	Item		£3,532.65	
	Sign Diagram No:				
014	602	nr		£235.51	
015	778.1	nr		£235.51	
016	816	nr		£235.51	
B4(1) - Highways - Sub-Section 5C - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Road Markings				
017	White lining, yellow lining etc. (Measured as km of carriageway)	km		£43,120.41	
	Pedestrian Level Crossings				
	To include signage, signals, road markings and surfacing				
018	controlled	nr		£37,675.71	
	Landscaping				
019	Landscaping	item		£35,326.50	
	Street Lighting and Junction Signals				
020	Street Lighting Measured pro rate against pedestrian footways	km		£23,551.00	
021	Junctions (Lights and Signals)	nr		£11,775.50	
	Testing and Commissioning				
022	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				
B4(1) - Highways - Sub-Section 5C - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	HIGHWAYS				
	SUB-SECTION 5C				
	B4(1)				
	HIGHWAYS				
	B4(1)1				
	ROAD WORKS - CARRIAGEWAYS				
	Site Clearance				
1	Take up or take down and remove to tip off site gully grating and frame	nr		£244.59	
	Drainage & Service Ducts				
2	Gully including connection to existing drainage system (assume 5m)	nr		£358.77	
	Earthworks				
3	Excavation of unacceptable material	m3		£6.53	
4	Disposal of unacceptable material	m3		£22.66	
	Pavements				
5	Sub base 150mm thick	m3		£34.03	
6	Base course	m2		£57.14	
7	Binder course	m2		£24.20	
8	Wearing course	m2		£26.89	
9	Milling pavement 40mm thick	m2		£5.37	
	Kerbs, Footways & Paved Areas				
10	Kerbs	m		£23.15	
11	Edgings	m		£13.54	
12	Footway	m2		£24.70	
	Traffic Signs & Road Markings				
13	Signage generally	Item		£3,091.91	
	Sign Diagram No:				
14	602	nr		£215.28	
15	778.1	nr		£189.57	
16	816	nr		£205.99	
B4(1) - Highways - Sub-Section 5C - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Road Markings				
1	White lining, yellow lining etc. (Measured as km of carriageway)	km		£1,478.74	
	Pedestrian Level Crossings				
	To include signage, signals, road markings and surfacing				
2	controlled (Sign and Markings only)	nr		£2,285.33	
	Landscaping				
3	Landscaping	item		£5,227.68	
	Street Lighting and Junction Signals				
4	Street Lighting Measured pro rate against pedestrian footways	km		£0.00	
5	Junctions (Lights and Signals)	nr		£0.00	
	Testing and Commissioning				
6	testing and commissioning of all Highways works	sum		£0.00	
	Contractor's Other Charges				
7	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 else	note		£0.00	
B4(t) - Highways - Sub-Section 5C - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SUB-SECTION 7A B4(1)				
	HIGHWAYS				
	B4(1)1				
	ROAD WORKS - CARRIAGEWAYS				
	Earthworks				
8	Excavation of unacceptable material	m3		£6.53	
9	Disposal of unacceptable material	m3		£22.66	
	Pavements				
10	Sub base 150mm thick	m3		£34.03	
11	Base course	m2		£57.14	
12	Binder course	m2		£24.20	
13	Wearing course	m2		£26.89	
14	Milling pavement 40mm thick	m2		£5.37	
	Kerbs, Footways & Paved Areas				
15	Kerbs	m		£23.15	
16	Footway	m2		£19.32	
	Traffic Signs & Road Markings				
17	Signage generally	Item		£5,377.24	
	Sign Diagram No:				
18	602	nr		£215.28	
19	778.1	nr		£189.57	
20	816	nr		£205.99	
	Road Markings				
21	White lining, yellow lining etc. (Measured as km of carriageway)	km		£1,478.74	
	Landscaping				
22	Landscaping	item		£10,186.51	
B4(1) - Highways - Sub-Section 7A - Page 1					£0.00

BBS Consortium
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B4 - Sub-Section 7A
Section A

B4 - Sub-Section 7A
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Street Lighting and Junction Signals				
1	Street Lighting Measured pro rate against pedestrian footways	km		£0.00	
2	Junctions (Lights and Signals)	nr		£0.00	
	Testing and Commissioning				
3	testing and commissioning of all Highways works	sum		£0.00	
	Contractor's Other Charges				
4	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 else	note		£0.00	
	B4(1) - Highways - Sub-Section 7A - Page 2				£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	SECTION 6				
B4(2)	CAR PARKS & DEPOT ACCESS ROAD				
B4(2)1	PAVEMENTS				
	SUB-BASE				
001	Granular Type 1 sub-base in all areas (Flexible Pavement)	m3		£34.51	
002	Granular Type 1 sub-base in all areas (Rigid Pavement)	m3		£34.51	
B4(2)2	PAVEMENT				
001	Sub base 150mm thick	m2		£5.29	
002	Base course	m2		£42.88	
003	Binder course 60mm thick in all areas	m2		£10.71	
004	Surface course 40mm thick in all areas	m2		£11.65	
005	Pavement comprising concrete slab 200mm thick in apron east end of building	m2		£48.56	
006	Pavement comprising concrete slab 200mm thick in apron south of building	m2		£48.56	
007	Pavement comprising concrete slab 200mm thick in apron west end of building	m2		£48.56	
008	Pavement comprising concrete slab 200mm thick in area over sewage works	m2		£48.56	
009	Pavement comprising concrete slab 200mm thick in base to sand silo	m2		£58.60	
010	Pavement comprising concrete slab 200mm thick in external storage area NW of building	m2		£48.56	
011	Pavement comprising concrete slab 200mm thick in hard standing at entrance to service access	m2		£48.56	
012	Pavement comprising concrete slab 200mm thick in service road 6000mm wide south of building	m2		£48.56	
013	Pavement comprising concrete slab 300mm thick in apron slabs east end of building	m2		£48.56	
014	Pavement comprising concrete slab 300mm thick in apron slabs west end of building	m2		£48.56	
B4(2) - Car Park & Depot Access Road - Section 6 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
017	Pavement comprising concrete slab 300mm thick in transition slabs east end of building	m2		£61.30	
018	Pavement comprising concrete slab 300mm thick in transition slabs west end of building	m2		£61.30	
B4(2)3	KERBS, FOOTWAYS AND PAVED AREAS				
	KERBS, CHANNELS, EDGINGS, COMBINED DRAINAGE AND KERB BLOCKS AND LINEAR DRAINAGE CHANNEL SYSTEMS				
001	Linear drainage channel systems laid straight or curved exceeding 12 metres radius	m		£112.55	
002	Linear drainage channel system laid straight or curved exceeding 12 metres radius	m		£112.55	
003	Precast concrete kerb(s) bull nosed 150 x 305 BN laid straight or curved exceeding 12 metres radius	m		£33.39	
004	Precast concrete kerb(s) bull nosed 150 x 305 BN laid to curves not exceeding 12 metres radius	m		£37.68	
005	Precast concrete edging(s) flat top 50 x 250 EF laid straight or curved exceeding 12 metres radius	m		£12.02	
B4(2)4	FOOTWAYS AND PAVED AREAS				
001	Footway comprising granular material Type 1 sub-base 150mm thick binder course 50mm thick surface course 20mm thick surfaces sloping at 10 degrees or less to the horizontal	m2		£25.43	
002	Special paved areas to building entrances full depth construction surfaces sloping at 10 degrees or less to the horizontal	m2		£71.06	
003	Stone gravel paved areas to tram wash, sand silo and sanding plant locations full depth construction surfaces sloping at 10 degrees or less to the horizontal	m2		£11.04	
004	65mm Tactile precast concrete slabs, blister paving in Footway on granular material Type 1 sub-base 150 thick and fine aggregate to BS 882 Grading C bedding 50mm thick surfaces sloping at 10 degrees or less to the horizontal	m2		£65.00	
005	Cycle area consisting of universal cycle blocks	m2		£65.00	
B4(2) - Car Park & Depot Access Road - Section 6 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	STEPS				
031	Flight of steps with security fence	no		£6,500.12	
	TRAFFIC SIGNS AND ROAD MARKINGS				
	TRAFFIC SIGNS				
032	Allow for Permanent traffic signs and associated electrical works	item		£13,000.24	
	ROAD MARKINGS				
033	Continuous line in white thermoplastic spray with applied solid glass beads 100mm wide	m		£0.91	
034	Continuous line in white thermoplastic spray with applied solid glass beads 400mm wide	m		£3.64	
035	Intermittent line in white thermoplastic spray with applied solid glass beads 100mm wide with 100mm line and 150mm gap	m		£0.91	
036	Intermittent line in white thermoplastic spray with applied solid glass beads 100mm wide with 1000mm line and 1000mm gap	m		£0.91	
037	Intermittent line in white thermoplastic spray with applied solid glass beads 100mm wide with 4000mm line and 2000mm gap	m		£0.91	
038	Ancillary line in yellow thermoplastic spray with applied solid glass beads 100mm wide in boxed areas	m		£0.91	
039	Symbols in yellow thermoplastic spray with applied solid glass beads (Disabled)	no		£39.00	
	ROAD LIGHTING COLUMNS AND BRACKETS				
040	Road lighting column with planted base and with a luminaire unit	no		£1,358.83	
041	Road lighting column with planted base and with a luminaire unit	no		£1,358.83	
042	Wall mounting with a luminaire unit (Floodlight)	no		£611.47	
B4(2) - Car Park & Depot Access Road - Section 6 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B4	HIGHWAYS				
	Testing and Commissioning				
043	testing and commissioning of all Highways works	sum		£13,000.24	
	ELECTRICAL WORK FOR ROAD LIGHTING AND TRAFFIC SIGN				
	TRENCH FOR CABLE OR DUCT				
	Measured under External Depot Work B3(8)21				
	CABLE AND DUCT				
	Measured under External Depot Work B3(8)21				
	CABLE JOINTS AND TERMINATIONS				
	Measured under External Depot Work B3(8)21				
	FEEDER PILLARS				
	Measured under External Depot Work B3(8)21				
	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(2) - Car Park & Depot Access Road - Section 6 - Page 4				£0.00

BBS Consortium
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Haymarket Substation
Section A

Haymarket Substation
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
B5	BUILDINGS				
B5(1)	Substations - Haymarket Substation				
001	Brick built substation under viaduct as per specification and drawings.	item		£132,953.38	
002	Reinforced concrete foundation base	item		£32,451.32	
003	Earthworks and site clearance	item		£0.00	Included
004	Clear access route	m2		£0.00	Included
	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				
	Service Trenches (Provisional Sum)	m2		£763.33	
	Heating & Lighting (Provisional Sum)	m2		£208.18	
	Security Fencing 2.5m high (Provisional Sum)	m2		£242.88	
	Access Gate 1.8m wide x 2.1m high (Provisional Sum)	nr		£1,040.90	
	Provisional Sum for Plinths & Builders Work in connection with Substation Equipment.	item		£11,897.60	
					B5 - Haymarket Substation - Page 1 £0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
B5	BUILDINGS				
B5(1)	Substations - Russell Road TPH Substation or Roseburn Delta Junction Substation				
001	Single Modular Building (15m x 4m x 3.5m) set on undercroft 150mm above ground and supported with cross walls. Building to be metal faces steel framed building enclosure and steel doors with infill panels between ground and underside of substation with access panels for cable installation and vent panels.	nr		£112,500.00	
002	Concrete plinths at doorways	nr		£111.79	
003	Earthworks and site clearance	item		£27,483.69	
004	Reinforced concrete foundation base 16m x 4m x 0.4m.	m3		£618.52	
005	Hard standing within perimeter fencing	m2		£50.26	
006	Road access including earthworks, drainage, kerbing and surfacing	m2		£319.34	
007	Steel security fencing 2.4m high - (Steel Palisade Fencing) mounted on retaining wall	m			Not Required
008	Steel security fencing 2.4m high - (Steel Palisade Fencing) including foundations	m			Not Required
009	Security Gates (Twin with slide bolt and security padlock)	nr		£3,469.64	
010	Retaining Wall - approx retained height of earthworks	m2			Not Required
	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				
	Concrete plinths at doorways	nr		£111.79	
	Steel security fencing 3m high - (Steel Palisade Fencing) including foundations	m		£208.18	
	Provisional Sum for Trenches and Builders Work associated with New Services	sum		£17,846.40	
	Provisional Sum for Landscaping	sum		£5,948.80	
	Provisional Sum for Siteworks (Outside Compound) - ie gravel chippings	sum		£2,974.40	
B5 - Russell Road TPH Substation - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
B5	BUILDINGS				
B5(1)	Substations - Jenner's Depository Substation				
001	Single Modular Building (15m x 4m x 3.5m) set on support plinth 900mm above ground and supported with cross walls. Building to be metal faces steel framed building enclosure and steel doors with infill panels between ground and underside of substation with access panels for cable installation and vent panels.	nr		£112,500.00	
002	Concrete plinths at doorways	nr		£189.83	
003	Earthworks and site clearance	item		£1,301.16	
004	Reinforced concrete foundation base 16m x 4m x 0.4m.	m3		£973.57	
005	Hardstanding/Landscaping within perimeter fencing	m2		£70.65	
006	Extra over for earthworks to bring existing ground levels up to required level.	m3		£27.04	
007	Steel security fencing 2.4m high - (Steel Palisade Fencing) including foundations	m		£82.43	
008	Security Gates (Twin with slide bolt and security padlock)	nr		£2,355.10	
	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				
B5 - Jenner's Depository Substation - Page 1					0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate
B5	BUILDINGS			
B5	BUILDINGS			
B5(1)	Substations - Bankhead Drive Substation			
001	Single Modular Building (15m x 4m x 3.5m)	No		£112,500.00
002	Access steps and platforms	No		£189.83
003	Earthworks and site clearance	LS		£1,301.16
004	Reinforced concrete foundation 16m x 4m x 0.4m	LS		£18,569.06
005	Hardstanding/Landscaping within perimeter fencing	m ²		£70.65
006	Extra over for earthworks to bring existing ground levels up to required level	m ³		£27.04
007	Steel security fencing 2.4m high - (Steel Palisade Fencing) including foundations	m		£82.43
008	Security Gates (Twin with slide bolt and security padlock)	No		£2,355.10
	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 else			
	B5 - Bankhead Drive Substation - Page 1			

BBS Consortium
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Gogar Substation
Section A

Gogar Substation
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
	<i>In the absence of any details of this substation we have priced the supplied Bill of Quantities subject to details becoming available. Please note both the quantities and rates are Provisional</i>				
B5	BUILDINGS				
B5(1)	SUBSTATIONS - GOGAR SUBSTATION				
	SUBSTRUCTURE				
	GROUNDWORK				
B5(1)1	D20 EXCAVATING AND FILLING				
	Excavating				
	To reduce levels				
001	1.00 m maximum depth	m3		£31.93	
	Trenches exceeding 300 wide				
002	2.00 m maximum depth	m3		£45.18	
	Disposal				
	Excavated material				
003	Off site	m3		£31.59	
	Blinding ; sand				
	Filling to make up levels				
004	25mm thick	m2		£2.65	
	Excavated material				
	Filling to excavations				
005	Over 250 average thick ; compacting	m3		£21.40	
	Hardcore				
	Filling to excavations				
006	Not exceeding 250 average thick ; compacting	m3		£45.86	
007	Over 250 average thick ; compacting	m3		£40.43	
	Surface treatments				
008	Compacting bottoms of excavations	m2		£3.40	
	Compacting				
009	Sand filling	m2		£0.68	
B5 - Gogar Substation - Page 1					£0.00

BBS Consortium
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Gogar Substation
Section A

Gogar Substation
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
	<i>In the absence of any details of this substation we have priced the supplied Bill of Quantities subject to details becoming available. Please note both the quantities and rates are Provisional</i>				
	IN SITU CONCRETE / LARGE PRECAST CONCRETE				
B5(1)2	E05 IN SITU CONCRETE CONSTRUCTION				
	GENERALLY				
	Plain				
	Filling hollow walls				
001	Not exceeding 150 thick	m3		£264.97	
	Reinforced RC40				
	Beds				
002	Not exceeding 150 thick	m3		£188.88	
B5(1)3	E20 FORMWORK FOR IN SITU CONCRETE				
	Formwork Fair finish				
	Sides of ground beams and edges of beds				
001	Not exceeding 250 high	m		£47.56	
B5(1)4	E30 REINFORCEMENT FOR IN SITU CONCRETE				
	Reinforcement ref A252 including tying wire and spacers and chairs (say)				
	Fabric				
001	Generally	m2		£16.99	
B5(1)5	E41 WORKED FINISHES TO IN SITU CONCRETE				
	Surface finish				
	Power floating				
001	Generally	m2		£10.19	
	MASONRY				
B5(1)6	F10 BLOCK WALLING				
	Block work				
	Walls				
001	100 mm thick	m2		£38.73	
B5 - Gogar Substation - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
	<i>In the absence of any details of this substation we have priced the supplied Bill of Quantities subject to details becoming available. Please note both the quantities and rates are Provisional</i>				
002	150 mm thick	m2		£45.52	
B5(1)7	F30 SUNDRY ITEMS FOR BLOCK WALLING				
	Sundries				
	Forming cavities in hollow walls				
001	50mm wide wall ties	m2		£16.99	
	Damp proof courses				
	Cavity trays				
002	Over 225 wide ; horizontal	m2		£14.95	
	WATERPROOFING				
B5(1)8	J40 FLEXIBLE SHEET DAMP PROOFING				
	1200 gauge polyethylene				
	Tanking and damp proofing				
001	Horizontal ; to hardcore	m2		£7.81	
002	Vertical ; to block work	m2		£13.52	
	Vertical				
003	Not exceeding 200 girth ; to block work	m		£17.60	
	ROOF				
	IN SITU CONCRETE / LARGE PRECAST CONCRETE				
B5(1)9	E05 IN SITU CONCRETE CONSTRUCTION				
	GENERALLY				
	Reinforced in-situ concrete mix RC30				
	Slabs				
001	Not exceeding 150 thick	m3		£200.43	
B5 - Gogar Substation - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
	<i>In the absence of any details of this substation we have priced the supplied Bill of Quantities subject to details becoming available. Please note both the quantities and rates are Provisional</i>				
B5(1)10	E20 FORMWORK FOR IN SITU CONCRETE				
	Formwork; permanent shuttering				
	Soffits of slabs				
001	Not exceeding 200 thick; 4 to 4.50m high to soffit	m2		£132.49	
B5(1)11	E30 REINFORCEMENT FOR IN SITU CONCRETE				
	Reinforcement to BS 4449 including hooks and tying				
	wire, spacers and chairs				
	Bars				
001	Allow 200kg/m3	t		£2,038.25	
B5(1)12	E41 WORKED FINISHES TO IN SITU CONCRETE				
	Trowelling				
001	Generally	m2		£8.15	
	CLADDING / COVERING				
	Lead work				
	Cover flashings				
002	150mm girth ; bent 1	m		£29.89	
	WATERPROOFING				
B5(1)13	J43 PROPRIETARY ROOF DECKING WITH FELT FINISH				
	Roof coverings with 25 year life				
001	Pitch 1 ; degrees to concrete	m2		£61.15	
	Skirtings				
002	200 to 400mm girth ; to block work	m		£16.31	
B5 - Gogar Substation - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
	<i>In the absence of any details of this substation we have priced the supplied Bill of Quantities subject to details becoming available. Please note both the quantities and rates are Provisional</i>				
	EXTERNAL WALLS				
	MASONRY				
B5(1)14	F10 BLOCK WALLING				
	Block work				
	Walls				
001	100 mm thick	m2		£38.73	
002	150 mm thick ; face work one side	m2		£45.52	
	Closing cavities				
003	50mm wide ; block work 150mm thick ; vertical	m		£10.87	
B5(1)15	F30 SUNDRY ITEMS FOR BLOCK WALLING				
	Sundries				
	Forming cavities in hollow walls				
001	50mm wide wall ties	m2		£16.99	
B5(1)16	F31 PRECAST CONCRETE LINTELS				
	Precast concrete lintels				
001	300mm x 200mm x 1600mm long ; rectangular surface finish 500mm girth	Nr		£101.91	
002	300mm x 200mm x 2600mm long ; rectangular surface finish 500mm girth	Nr		£210.62	
	CLADDING / COVERING				
B5(1)17	H43 METAL PANEL CLADDING				
	Insulated walling				
	Wall claddings				
001	Vertical; panels fixed horizontally	m2		£47.56	
002	Extra over for External angle	m		£20.38	
	Coping				
003	To 345mm wide composite wall	m		£61.15	
004	Extra over for external angle	Nr		£101.91	
B5 - Gogar Substation - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
	<i>In the absence of any details of this substation we have priced the supplied Bill of Quantities subject to details becoming available. Please note both the quantities and rates are Provisional</i>				
	Flashings				
005	To edge of door opening	m		£10.19	
006	To top of door opening	m		£10.87	
	WINDOWS AND EXTERNAL DOORS				
	WINDOWS / DOORS / STAIRS				
B5(1)18	L20 SHUTTERS				
	Fire doors with frames				
001	1000mm x 2100mm; single door; fixed to block work; powder coated finish	Nr		£3,397.08	
002	2000mm x 2100mm; double door; fixed to block work; powder coated finish	Nr		£6,454.44	
	WALL FINISHES				
	SURFACE FINISHES				
B5(1)19	M60 PAINTING				
	Painting block work; one undercoat and two hard gloss oil paint finish				
	General surfaces				
001	Over 300 girth	m2		£12.91	
	FLOOR FINISHES				
	SURFACE FINISHES				
B5(1)20	M12 TROWELLED RESIN FLOORING				
	Floors				
001	Level or to falls only not exceeding 15 degrees from horizontal; to concrete	m2		£30.57	
	Skirtings				
002	200mm high; to blockwork	m		£6.79	
B5 - Gogar Substation - Page 6					£0.00

BBS Consortium
Bilfinger Berger - Siemens

Gogar Substation
Section A

Gogar Substation
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
	<i>In the absence of any details of this substation we have priced the supplied Bill of Quantities subject to details becoming available. Please note both the quantities and rates are Provisional</i>				
	CEILING FINISHES				
	SURFACE FINISHES				
B5(1)21	M60 PAINTING				
	Painting steel; one undercoat and two hard gloss oil paint finish				
	General surfaces				
001	Over 300 girth ; 4 to 4.5m above floor ; in plant rooms	m2		£15.63	
	DISPOSAL INSTALLATION				
	DISPOSAL SYSTEMS				
B5(1)22	R10 RAINWATER PIPEWORK				
	Aluminium pipework				
	Pipes				
001	102mm nominal size ; fixing with pipe clips ; plugging and screwing to block work	m		£30.57	
	Aluminium ancillaries				
	Roof outlets				
002	To 102mm aluminium pipe	Nr		£40.76	
	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				
				B5 - Gogar Substation - Page 7	£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B5	BUILDINGS				
	B5				
	BUILDINGS				
	B5(1)				
	Substations - Ingliston Park & Ride Substation				
5	Foundations for single Modular Building (15m x 4m x 3.5m) set on support plinth 900mm above ground and supported with cross walls. Building to be metal faces steel framed building enclosure and steel doors with infill panels between ground and underside of substation wit	nr		£116,532.93	
6	Access Steps and Platform with guard rail to substation	nr		£4,144.84	
7	Earthworks and site clearance	item		£12,097.11	
8	Reinforced concrete foundation base 16m x 4m x 0.4m.	m3		£231.94	
9	Hard standing within perimeter fencing	m2		£42.88	
10	Steel security fencing 2.4m high - (Steel Palisade Fencing) including foundations	m		£109.93	
11	Security Gates (Twin with slide bolt and security padlock)	nr		£1,479.55	
	Contractor's Other Charges				
12	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 else	note		£0.00	
B5 - Ingliston Park & Ride Substation - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - S19				
	Haymarket Station viaduct				
B6(1)	BRIDGES				
B6(1)2	SUBSTRUCTURE				
	SITE CLEARANCE				
001	Generally	item		£5,641.63	
002	Demolition and disposal of existing building including filling any voids below building	item		£71,385.60	
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
003	Vertical Drainage	m2		£13.23	
004	Porous Drain	m		£12.66	
	EARTHWORKS				
	EXCAVATION				
005	Excavation of unacceptable material Class U1	m3		£3.09	
006	Excavation of unacceptable material Class U1 at retaining wall	m3		£3.49	
	DISPOSAL OF MATERIAL				
007	Disposal of unacceptable material Class U1	m3		£17.07	
008	Disposal of unacceptable material Class U1	m3		£17.07	
	IMPORTED FILL				
009	Imported acceptable material Class 6N/6P	m3		£37.50	
010	Imported acceptable material to earthwork embankment	m3		£37.50	
011	Imported acceptable material to underside of deck	m3		£37.50	
	COMPACTION OF FILL				
012	Compaction of acceptable material	m3		£0.51	
B6(1) - Bridge - S19 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
013	In situ concrete Grade C32/40 in viaduct	m3		£126.95	
014	In situ concrete Grade C32/40 in retaining wall	m3		£134.88	
015	In situ concrete in blinding 75 mm or less in thickness	m3		£142.95	
	SURFACE FINISH OF CONCRETE-FORMWORK				
016	Formwork Class F1 vertical more than 300 mm wide	m2		£55.51	
017	Formwork Class F6 vertical more than 300 mm wide	m2		£138.79	
018	Formwork Class F6 horizontal more than 300 mm wide	m2		£138.79	
019	Formwork inclined more than 300 mm wide	m2		£117.96	
	STEEL REINFORCEMENT FOR STRUCTURES				
020	High yield deformed Type 2 bar reinforcement in abutments (200kg/m3)	t		£1,045.19	
021	High yield deformed Type 2 bar reinforcement in retaining wall (200kg/m3)	t		£1,045.19	
	Brickwork, Blockwork and Stonework				
	Blockwork and Stonework				
022	Masonry Blockwork 300mm thick to retaining wall	m2		£215.00	
B6(1)3	SUPERSTRUCTURE				
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
001	Drainage to Superstructure	Item		£8,923.20	
002	Service ducts in superstructure ;4 x 100 mm diameter	m		£17.07	
B6(1) - Bridge - S19 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
003	Service ducts in superstructure ;3 x 150 mm diameter ducts for Tram power system	m		£12.72	
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
004	In situ concrete in deck	m3		£141.22	
	SURFACE FINISH OF CONCRETE-FORMWORK				
005	Formwork vertical more than 300 mm wide	m2		£55.51	
006	Formwork horizontal more than 300 mm wide	m2		£173.48	
	STEEL REINFORCEMENT FOR STRUCTURES				
007	High yield deformed Type 2 bar reinforcement in deck (200kg/m3)	t		£1,045.19	
	BRIDGE EXPANSION JOINTS AND SEALING OF GAPS				
	BRIDGE DECK EXPANSION JOINTS				
008	Expansion joints - Asphaltic plug assumed	no		£14,801.47	
	Finishings				
	ROAD RESTRAINT SYSTEMS (VEHICLE AND PEDESTRIAN)				
	PEDESTRIAN PARAPETS, GUARDRAILS AND HANDRAILS				
009	Pedestrian parapets	m		£231.13	
	WATERPROOFING FOR STRUCTURES				
	WATERPROOFING				
010	Waterproofing with mastic asphalt or proprietary waterproofing system more than 300 mm wide	m2		£58.58	
	SURFACE IMPREGNATION OF CONCRETE				
011	Surface impregnation to plain surfaces	Item		£5,948.80	
B6(1) - Bridge - S19 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	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				
	Working Space				
	Earthworks				
	Excavation of unacceptable	m3		£6.07	
	Disposal of unacceptable	m3		£17.07	
	Imported acceptable	m3		£28.33	
	Compaction of acceptable material	m3		£1.57	
	Additional Service Ducts				
	Service Ducts in superstructure (4*100 dia)	m		£17.07	
	Service Ducts in superstructure (3*150 dia)	m		£12.72	
	Additional Waterproofing				
	Waterproofing with 2 coats of bitumen	m2		£6.89	
	Surface impregnation to plain surfaces	m2		£6.94	
	Temporary Works				
	Temporary Sheet Piling	item		£129,903.23	
	Drainage				
	Connection to existing Drainage (Provisional Sum)	item		£4,759.04	
	Other Items				
	Modifications to existing steps adjacent Haymarket Station (Provisional Sum)	item		£5,948.80	
	Assessment of or works to existing Stone Retaining Wall (Provisional Sum)	item		£5,948.80	
	Changes arising from Revised Design and Remeasure April 2007.				
	Vertical Drainage	m2		£13.23	
	Porous Drain	m		£12.66	
	Excavation of unacceptable material Class U1 at retaining wall	m3		£3.49	
	Disposal of unacceptable material Class U1	m3		£17.07	
	In situ concrete Grade C32/40 in viaduct	m3		£126.95	
	In situ concrete in blinding 75mm or less in thickness	m3		£142.95	
	Formwork Class F1 vertical more than 300mm wide	m2		£55.51	
	Formwork Class F2 vertical more than 300mm wide	m2		£55.51	
	Formwork Class F6 vertical more than 300mm wide	m2		£138.79	
	Formwork Class F6 horizontal more than 300mm wide	m2		£138.79	
	Formwork inclined more than 300mm wide	m2		£117.96	
	High yield deformed Type 2 bar reinforcement in abutments (incl piers & founds)	t		£1,045.19	
	High yield deformed Type 2 bar reinforcement in retaining wall (incl founds and parapet walls)	t		£1,045.19	
	Masonry Blockwork 300mm thick to retaining wall	m2		£215.00	
	Facing to retaining wall front and parapet front	m2		£215.00	
	Facing to west abutment	m2		£215.00	
	Facing to outside face of parapet over cantilever slab	m2		£215.00	

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Facing to inside face of parapet over cantilver slab	m2		£215.00	
	Facing to top of parapet over cantilever slab	m2		£215.00	
	In situ concrete in Deck	m3		£141.22	
	In situ concrete in parapet upstands	m3		£141.22	
	Formwork vertical more than 300mm wide	m2		£55.51	
	Formwork horizontal more than 300mm wide	m2		£173.48	
	Formwork inclined more than 300mm wide (cantilever)	m2		£173.48	
	High yiled deformed Type 2 bar reinforcement in deck (various densities)	t		£1,045.19	
	High yiled deformed Type 2 bar reinforcement in upstands	t		£1,045.19	
	Aerofil Joint filler; 25mm thick	m2		£104.44	
	Poitysulphide sealant 25 x 20mm	m		£20.12	
	Flexible joint material between existing masonry wall & new concrete construction	m2		£48.92	
	Stainless steel dowel bars; assume 600mm long each; assume 20mm dia.	no.		£24.28	
	Pedestrian Parapets	m		£231.13	
	Glass rail c/w stainless steel handrail; fixed to RC parapet with profiled fixing clamp	m		£501.47	
B6(1) - Bridge - S19 - Page 4					-

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - S20				
	Russell Road Underbridge				
B6(1)	BRIDGES				
	Piling				
001	Piling generally	Item		£240,782.89	
B6(1)2	SUBSTRUCTURE - END SUPPORTS				
	SITE CLEARANCE				
	SITE CLEARANCE				
001	Generally	item		£5,948.80	
	Earthworks - to include excavation, disposal, imported fill and compaction				
002	Earthworks Generally	item		£29,744.00	
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
003	In situ concrete reference C32/40	m3		£131.28	
	Formwork				
004	Formwork Class F1 vertical more than 300 mm wide	m2		£55.51	
	STEEL REINFORCEMENT FOR STRUCTURES				
005	Reinforcement (200kg/m3 assumed)	t		£1,045.19	
	DRAINAGE				
006	Drainage to back of abutments	item		£6,543.68	
B6(1)3	SUPERSTRUCTURE				
	STRUCTURAL CONCRETE				
	GENERAL				
001	Allow for works required to deal with stray current	item		£0.00	
B6(1) - Bridge - S20 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	IN SITU CONCRETE				
002	In situ concrete reference C32/40 to run on run off slab	m3		£131.28	
003	In situ concrete reference C32/40 to deck slab and parapet upstands	m3		£141.22	
	PRECAST CONCRETE				
004	Precast concrete pretensioned prestressed member U5 approximately 18.00 metres long	no		£35,190.45	
005	Precast concrete pretensioned prestressed member U5 approximately 20.00 metres long	no		£39,354.01	
	SURFACE FINISH OF CONCRETE-FORMWORK				
006	Formwork horizontal to deck and parapet upstands	m2		£208.18	
007	Formwork vertical to deck and parapet upstands	m2		£55.51	
008	Permanent formwork to deck	m2		£104.09	
	STEEL REINFORCEMENT FOR STRUCTURES				
009	Reinforcement (300kg/m3 assumed)	t		£1,045.19	
	BRIDGE BEARINGS				
	BEARINGS				
010	Elastomeric laminated bearing	no		£170.02	
011	Fixed pin bearing	no		£1,045.88	
012	Standard guide bearing	no		£170.02	
013	Installation of fixed pin bearing	no		£0.00	
014	Installation of standard guide bearing	no		£0.00	
015	Installation of elastomeric laminated bearing	no		£0.00	
B6(1) - Bridge - S20 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	BRIDGE EXPANSION JOINTS AND SEALING OF GAPS				
	BRIDGE DECK EXPANSION JOINTS				
016	Expansion joint approximately 15 metres in length	no		£1,099.18	
017	Expansion joint approximately 24 metres in length	no		£1,099.18	
	SEALING OF GAPS				
018	Compressible filler 25mm thick	Item		£1,189.76	
019	Polysulphide joint sealant 25mm x 25mm	Item		£1,189.76	
020	Water stop approximately 235mm wide	Item		£1,189.76	
	Finishings				
	ROAD RESTRAINT SYSTEMS (VEHICLE AND PEDESTRIAN)				
	CONTAINMENT PARAPETS				
021	Containment parapet P6 1100mm high straight or curved exceeding 50 metres radius	m		£1,218.99	
022	Containment parapet P6 1200mm high straight or curved exceeding 50 metres radius	m		£1,218.99	
023	Containment parapet P6 1500mm high straight or curved exceeding 50 metres radius	m		£1,218.99	
	KERBS, FOOTWAYS AND PAVED AREAS				
	FOOTWAYS AND PAVED AREAS				
024	Walkway overall width 1.275 metres comprising; lockable steel grating (with tamper proof locking bolts set into structure on one edge and precast concrete kerb); precast concrete kerb units approximately 200mm high; precast units on deck forming support for walkway and space for ducts and yellow line demarking "safe walkway" surfaces sloping at 10 degrees or less to the horizontal	m		£297.44	
	WATERPROOFING FOR STRUCTURES				
	WATERPROOFING				
025	Waterproofing with two coats of bitumen	m2		£6.89	
B6(1) - Bridge - S20 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	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				
	Temporary Works				
	Temporary Sheet Piling - (PROVISIONAL SUM)	item		£116,579.82	
	Adjustments to End Supports (Concrete Rebar Formwk) after redesign & remeasure - APRIL 07)				
	Insitu concrete in blinding 75mm or less	m3		£140.39	
	Insitu concrete reference C32/40	m3		£131.28	
	Insitu concrete reference C40/50	m3		£135.64	
	Formwork Class F1 vertical more than 300mm wide	m2		£55.51	
	Formwork F2 Abutment Wall vertical more than 300mm wide	m2		£69.40	
	Formwork F6 "Lancaster" Finish to Abutment Wall vertical more than 300mm wide	m2		£277.57	
	Formwork F2 Retaining Walls 1 to 3; vertical more than 300mm wide	m2		£69.40	
	Formwork F2 Soffit of Retaining Wall vertical more than 300mm wide	m2		£277.57	
	Formwork F6 "Lancaster" Finish to Wing Walls vertical more than 300mm wide	m2		£277.57	
	Steel Reinforcement	t		£1,045.19	
	Adjustments to Superstructure (Concrete Rebar Formwk) after redesign & remeasure - APRIL 07)				
	Insitu concrete reference C40/50 to Deck Slab	m3		£145.60	
	Insitu concrete reference C32/40 to run on run off slab	m3		£131.28	
	Insitu concrete reference C32/40 to deck slab and parapet upstands	m3		£141.22	
	Precast concrete pretensioned prestressed member U5 approximately 18m long	m2		£35,190.45	
	Precast concrete pretensioned prestressed member U5 approximately 20m long	m2		£39,354.01	
	Formwork horizontal to deck and parapet upstands.	m2		£208.18	
	Formwork vertical to deck and parapet upstands	m2		£55.51	
	Permanent formwork to deck	m2		£104.09	
	Formwork to edge parapets	m2		£277.57	
	Formwork to soffit of parapets	m2		£277.57	
	Steel Reinforcement	t		£1,045.19	
	Miscellaneous Additional Items - after redesign & remeasure - APRIL 07)				

BBS Consortium
Billinger Berger - Siemens

S20
Section A

S20
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Waterproofing with mastic asphalt or proprietary waterproofing system more than 300mm wide	m2		£58.58	
	50mm thick bituminous surfacing	m2		£34.69	
	Insitu concrete reference C32/40 to verge infill	m3		£141.22	
	Provisional Sum for Silane Impregnation to exposed surfaces.	item		£11,897.60	
	Provisional Sum for Brickwork Wall from Abutment to tie into existing brick wall.	item		£11,897.60	
	Provisional Sum for Road Reinstatement - Russell Road after completion of bridge construction.	item		£23,795.20	
B6(1) - Bridge - S20 - Page 4					-

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - S21A				
	Roseburn Street Viaduct				
B6(1)	BRIDGES				
B6(1)1	PILING AND EMBEDDED RETAINING WALLS				
	Piling Plant				
001	Establishment of piling plant for 900 mm diameter bored cast-in-place piles in main piling	item		£0.00	
002	Moving piling plant for 900 mm diameter bored cast-in-place piles in main piling	no		£0.00	
	CAST IN PLACE PILES				
003	Vertical 900 mm diameter cast-in-place piles exceeding 15 metres but not exceeding 20 metres in length in main piling (20m in length assumed)	m		£0.00	
	REINFORCEMENT FOR CAST-IN-PLACE PILES				
004	High yield deformed type 2 steel bar reinforcement (100kg/m3)	t		£0.00	
	PROOF LOADING OF PILES				
005	Establishment of proof loading equipment for piles bored cast-in-place piles in main piling	item		£0.00	
006	Proof loading of vertical bored cast-in-place piles with maintained load in main piling	no		£0.00	
B6(1)2	SUBSTRUCTURE - END SUPPORTS				
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN				
	STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
001	Drainage of substructure - end supports ; 300 mm thick permeable backing	m2		£16.98	
002	Drainage of substructure - end supports ; 150mm diameter porous pipe in no fines concrete surround 300 mm wide x 350 mm deep	m		£25.15	
B6(1) - Bridge - S21A - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
003	Drainage of substructure - end supports ; 100 x 50 mm drainage channel in bearing shelf	m		£20.82	
004	Drainage of substructure - end supports ; drainage channel between end of deck and top of ballast wall	m		£20.82	
005	Drainage of substructure - end supports ; connection of rear of abutment drainage to highway drainage system	item		£1,481.54	
	EARTHWORKS				
	EXCAVATION				
006	Excavation of unacceptable material Class U1 in reinforced earth abutments	item		£0.00	
007	Excavation of unacceptable material Class U1 in reinforced earth wing walls	item		£0.00	
	DISPOSAL OF MATERIAL				
008	Disposal of unacceptable material Class U1(reinforced earth abutments and wing walls)	item		£0.00	
	REINFORCED EARTH STRUCTURES				
009	Reinforced earth abutments	item		£0.00	Included
010	Reinforced earth wing walls	item		£0.00	Included
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
011	In situ concrete in abutments	m3		£126.95	
012	in situ concrete in blinding 75 mm or less in thickness	m3		£140.39	
	SURFACE FINISH OF CONCRETE-FORMWORK				
013	Formwork Class F1 vertical more than 300 mm wide	m2		£55.51	
014	Formwork Class F2 horizontal more than 300 mm wide	m2		£277.57	
015	Formwork Class F2 vertical more than 300 mm wide	m2		£55.51	
B6(1) - Bridge - S21A - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
016	Formwork Class F3 vertical more than 300 mm wide	m2		£62.45	
017	Formwork Class F3 300 mm wide or less at any inclination	m2		£62.45	
	STEEL REINFORCEMENT FOR STRUCTURES				
018	High yield deformed Type 2 bar reinforcement in abutments (150kg/m3)	t		£1,045.19	
	STEELWORK FOR STRUCTURES				
	MISCELLANEOUS METALWORK				
019	Lockable steel access door and frame to inspection gallery	no		£1,734.82	
	Substructure - Intermediate Supports				
	EARTHWORKS				
	EXCAVATION				
020	Excavation of unacceptable material Class U1 in structural foundations 0 to 3 metres in depth	m3		£6.07	
	EXCAVATION IN HARD MATERIAL				
021	Extra over excavation for excavation in hard material in structural foundations (300 mm thick)	m3		£10.10	
	DISPOSAL OF MATERIAL				
022	Disposal of unacceptable material Class U1	m3		£17.07	
	IMPORTED FILL				
023	Imported acceptable material Class 6N/6P in fill above structural concrete foundations	m3		£26.94	
	COMPACTION OF FILL				
024	Compaction of acceptable material in fill above structural concrete foundations	m3		£1.57	
B6(1) - Bridge - S21A - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
025	In situ concrete in pier bases	m3		£131.28	
026	In situ concrete in piers	m3		£135.64	
027	In situ concrete in blinding 75 mm or less in thickness	m3		£125.81	
	SURFACE FINISH OF CONCRETE-FORMWORK				
028	Formwork Class F1 vertical more than 300 mm wide	m2		£55.51	
029	Curved formwork Class F4 of both girth and width more than 300 mm at any inclination	m2		£138.79	
	STEEL REINFORCEMENT FOR STRUCTURES				
030	High yield deformed Type 2 bar reinforcement in pier bases (125kg/m3)	t		£1,045.19	
031	High yield deformed Type 2 bar reinforcement in piers (175kg/m3)	t		£1,045.19	
B6(1)3	SUPERSTRUCTURE				
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
001	Service ducts in superstructure ; 3 x 100 mm diameter in verge infill	m		£12.05	
002	Service ducts in superstructure ; 3 x 150 mm diameter in verge infill	m		£12.72	
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
003	In situ concrete in deck	m3		£145.60	
B6(1) - Bridge - S21A - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	SURFACE FINISH OF CONCRETE-FORMWORK				
004	Formwork Class F2 vertical more than 300 mm wide	m2		£55.51	
005	Formwork Class F4 horizontal more than 300 mm wide	m2		£208.18	
006	Formwork Class F4 vertical more than 300 mm wide	m2		£138.79	
007	Permanent formwork Class F2 horizontal more than 300 mm wide (precast concrete planks)	m2		£113.96	
008	Formwork Class F4 300 mm wide or less at any inclination	m2		£138.79	
009	Curved formwork Class F2 of both girth and width more than 300 mm at any inclination	m2		£104.09	
010	Curved formwork Class F4 of both girth and width more than 300 mm at any inclination	m2		£138.79	
011	Curved formwork Class F4 of girth or width 300 mm or less at any inclination	m2		£208.18	
	STEEL REINFORCEMENT FOR STRUCTURES				
012	High yield deformed Type 2 bar reinforcement in deck (200kg/m3)	t		£1,045.19	
	CONCRETE ACCESSORIES				
013	Holding down bolt assemblies for OLE masts (to include additional concrete / formwork / reinforcement for widening deck for mast bases)	item		£0.00	
	STEELWORK FOR STRUCTURES				
	FABRICATION OF STEELWORK				
014	Fabrication of main members comprising plated girders	t		£3,266.07	
015	Fabrication of main members comprising plated girders curved on plan or elevation	t		£3,266.07	
016	Fabrication of subsidiary steelwork comprising plated girders	t		£3,266.07	
B6(1) - Bridge - S21A - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	ERECTION OF STEELWORK				
017	Permanent erection of superstructure	t		£0.00	Included
	PROTECTION OF STEELWORK AGAINST CORROSION				
	PROTECTIVE SYSTEM				
018	Protective system	m2		£0.00	Included
	BRIDGE BEARINGS				
	BEARINGS				
019	Bearings at abutments	no		£1,119.67	
020	Bearings at piers	no		£210.96	
021	Installation of bearing at abutments	no		£0.00	Included
022	Installation of bearing at piers	no		£0.00	Included
	BRIDGE EXPANSION JOINTS AND SEALING OF GAPS				
	BRIDGE DECK EXPANSION JOINTS				
023	Expansion joints	item		£5,284.95	
	Finishings				
	ROAD RESTRAINT SYSTEMS (VEHICLE AND PEDESTRIAN)				
	PEDESTRIAN PARAPETS, GUARDRAILS AND HANDRAILS				
024	Pedestrian parapets Class 3C 1250 mm high with full height vertical infill straight or curved exceeding 50 metres radius	m		£231.13	
	DRAINAGE AND SERVICE DUCTS				
	FILLING TO PIPE BAYS AND VERGES ON BRIDGES				
025	Filling to pipe bays and verges on bridges with concrete	m3		£198.81	
B6(1) - Bridge - S21A - Page 6					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	WATERPROOFING FOR STRUCTURES				
	WATERPROOFING				
026	Waterproofing with mastic asphalt or proprietary waterproofing system more than 300 mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal	m2		£26.78	
027	Waterproofing with mastic asphalt or proprietary waterproofing system more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2		£26.78	
028	50 mm thick protection to waterproofing	m2		£31.79	
029	Waterproofing with two coats of bitumen more than 300 mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal	m2		£6.89	
030	Waterproofing with two coats of bitumen more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2		£6.89	
	SURFACE IMPREGNATION OF CONCRETE				
031	Surface impregnation to plain surfaces	m2		£6.94	
	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				
	Bored Cast in place concrete piles; 750mm dia incorporating 2.5m long rock sockets.				
	REVISED ITEMS based on New Drawings April 07'				
	Establish Piling Plant on Site, maintain and remove on completion. (1no. Visit by 1no. Rig & crew.)	item		£39,880.02	
	Set up at Pile Position.	nr		£990.36	
	Vertical 750mm diameter cast in-place plies exceeding 15m but not exceeding 20m in length in main piling - BORED in SOFT.	m		£84.37	
	Vertical 750mm diameter cast in-place plies exceeding 15m but not exceeding 20m in length in main piling - BORED in ROCK.	m		£535.42	
	Extra over for boring through or attempting to bore through natural or artificial obstruction including rock and boulders above rock socket.	hr		£590.48	
	Form pile shaft in C32/40 concrete to Design Chemical Class DC1 with a minimum cement content of 380kg/cm and a max water content ration of 0.	m		£92.91	
	Backfill empty bore in concrete	m		£92.34	
	Supply and place main reinforcement - 40mm dia.	t		£1,426.17	
	Supply and place helical reinforcement - 16mm dia.	t		£1,570.73	
	Integrity Testing	nr		£23.58	
	Allow for concrete cube tests	nr		£20.58	
	Load Test Working Piles to 1.5 x Working Load - 3000KN	nr		£29,729.95	

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Standing time for piling rig due to circumstances beyond our control.	hr			
	Full time attendance of 360 degree Tracked excavator to remove spoil as it arises, to handle reinforcement cages and to remove obstructions.	hr		£60.65	
	Disposal of Spoil from arisings.	m3		£17.07	
	Cutting down pile heads after construction.	nr		£92.85	
	Hardstanding Working Platform for Piling Rig.	m3		£25.51	
	Working Space				
	Earthworks				
	Excavation of unacceptable	m3		£6.07	
	Disposal of unacceptable	m3		£17.07	
	Imported acceptable	m3		£26.94	
	Compaction of acceptable material	m3		£1.57	
	Adjustments for End Supports in accordance with drawings ULE90130-05-BRG-00067 Rev 2 and 00070 Rev 2 - received March 2007				
	Insitu concrete in abutment bases	m3		£126.95	
	Insitu concrete in ballast walls	m3		£142.10	
	Insitu concrete in masking walls	m3		£142.10	
	Insitu concrete in return walls	m3		£142.10	
	Insitu concrete in bearing plinth	m3		£142.10	
	Insitu concrete in slab at top of ballast wall	m3		£142.10	
	Insitu concrete in blinding 75mm or less in thickness	m3		£140.39	
	Formwork Class F1 vertical more than 300mm wide (To rear of ballast wall & return walls)	m2		£55.51	
	Formwork Class F2 horizontal more than 300mm wide (To soffit of slab at top of ballast wall)	m2		£277.57	
	Formwork Class F2 vertical more than 300mm wide (To Ballast Wall & Masking Wall & Return Wall)	m2		£55.51	
	Formwork Class F3 vertical more than 300mm wide	m2		£62.45	
	Formwork Class F3 300mm wide or less at any inclination	m2		£62.45	
	Formwork Class F6 vertical more than 300mm wide (To Abutment Base)	m2		£138.79	
	Formwork Class F1 vertical more than 300mm wide (To Abutment Base)	m2		£55.51	
	Formwork Class F6 vertical more than 300mm wide (To Masking Walls & Return Walls)	m2		£138.79	
	Formwork Class F2 vertical more than 300mm wide (To bearing plinths)	m2		£69.40	
	Steel Reinforcement	t		£1,045.19	
	Adjustments for Int Supports in accordance with drawings ULE90130-05-BRG-00068 Rev 2 and 00069 Rev 2 - received March 2007				
	Insitu concrete in pier bases	m3		£131.28	
	Insitu concrete in piers	m3		£135.64	
	Insitu concrete in blinding 75mm or less in thickness	m3		£125.81	
	Formwork Class F1 vertical more than 300mm wide	m2		£55.51	
	Curved Formwork Class F4 of both girth and width more than 300mm at any inclination	m2		£138.79	
	Formwork Class F4 vertical more than 300mm wide	m2		£90.21	
	Formwork Class F3 vertical more than 300mm wide	m2		£69.40	
	Formwork Class F3 at any inclination more than 300mm wide (Sloping soffit)	m2		£173.48	
	Formwork Class F3 curved vertical more than 300mm wide	m2		£138.79	

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Steel Reinforcement in pier bases	t		£1,045.19	
	Steel Reinforcement in piers	t		£1,045.19	
	Adjustments for Superstructure in accordance with drawings ULE90130-05-BRG-00080 Rev 2 and 00081 Rev 1 - received March 2007				
	Insitu concrete in deck	m3		£145.60	
	Formwork Class F2 vertical more than 300mm wide	m2		£55.51	
	Formwork Class F4 horizontal more than 300mm wide	m2		£208.18	
	Formwork Class F4 vertical more than 300mm wide	m2		£138.79	
	Permanent Formwork Class F2 horizontal more than 300mm wide (precast concrete planks)	m2		£113.96	
	Formwork Class F4 300mm wide or less at any inclination	m2		£138.79	
	Curved Formwork Class F2 of both girth and width more than 300mm at any inclination	m2		£104.09	
	Curved Formwork Class F4 of both girth and width more than 300mm at any inclination	m2		£138.79	
	Curved Formwork Class F4 of girth or width 300mm or less at any inclination.	m2		£208.18	
	Curved Formwork Class F3 of girth or width more than 300mm at any inclination. (Ext & Int sides of parapet)	m2		£173.48	
	Formwork Class F3 vertical more than 300mm wide.	m2		£104.09	
	Steel Reinforcement in deck	t		£1,045.19	
	Holding down assemblies for OLE masts 24no.	item		£4,996.28	
	Changes arising from Revised Steelwork Details - ULE90130-05-BRG-00076 Rev 2 and 00077 Rev 2 - received March 2007				
	Fabrication of main members comprising plated girders	t		£3,266.07	
	Permanent erection of superstructure	t		£0.00	Included
	Protective system	m2		£0.00	Included
	Other Items				
	Removal of existing fuel tanks (2Nr) @ Haymarket Depot (Provisional Sum)	item		£59,488.00	
	Hard surface apron to facilitate the delivery of fuel tank (Provisional Sum)	item		£29,744.00	
	Trief Safety Kerb with Pedestrian Guardrail (Provisional Sum)	item		£29,744.00	
	Bollards (Provisional Sum)	item		£2,379.52	
	Realignment of Murrayfield stadium access road (Provisional Sum)	item		£23,795.20	
	Removal of billboards & general site clearance (Provisional Sum)	item		£11,897.60	
	NEW ITEM APRIL 2007 - Temporary Works to enable construction of Bankseat F (Provisional Sum)	item		£47,590.40	
	NEW ITEM APRIL 2007 - Taking down existing masonry retaining wall at Bankseat F, set aside in store and rebuild on completion. (Provisional Sum)	item		£11,897.60	
	Temporary Works				
	Temporary Sheet Piling	item		£189,261.25	
	B6(1) - Bridge - S21A - Page 7				

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - S21E				
	Water of Leith Underbridge				
B6(1)	BRIDGES				
B6(1)1	PILING AND EMBEDDED RETAINING WALLS				
	Piling Plant				
001	Establishment of piling plant for 900 mm diameter bored cast-in-place piles in main piling	item		£70,959.87	
002	Moving piling plant for 900 mm diameter bored cast-in-place piles in main piling	no		£176.63	
	CAST IN PLACE PILES				
003	Vertical 900 mm diameter cast-in-place piles exceeding 15 metres but not exceeding 20 metres in length in main piling (20m in length assumed)	m		£247.29	
	REINFORCEMENT FOR CAST-IN-PLACE PILES				
004	High yield deformed type 2 steel bar reinforcement (100kg/m3)	t		£918.49	
	PROOF LOADING OF PILES				
005	Establishment of proof loading equipment for piles bored cast-in-place piles in main piling	item		£23,551.00	
006	Proof loading of vertical bored cast-in-place piles with maintained load in main piling	no		£0.00	
B6(1)2	SUBSTRUCTURE				
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
001	Vertical Drainage	m2		£70.35	
002	Porous Drain	m		£38.12	
B6(1) - Bridge - S21E - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
B6(1)3	SUPERSTRUCTURE				
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
001	Service ducts in superstructure ;6 x 100 mm diameter in verge infill	m		£33.81	
002	Drainage to Superstructure	Item		£108.10	
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
003	In situ concrete in deck	m3		£118.04	
	SURFACE FINISH OF CONCRETE-FORMWORK				
004	Formwork vertical more than 300 mm wide	m2		£53.08	
005	Formwork horizontal more than 300 mm wide	m2		£53.08	
006	Formwork inclined more than 300 mm wide	m2		£250.46	
	STEEL REINFORCEMENT FOR STRUCTURES				
007	High yield deformed Type 2 bar reinforcement in deck (200kg/m3)	t		£910.83	
	STEELWORK FOR STRUCTURES				
	FABRICATION OF STEELWORK				
008	Fabrication of structural steelwork (Deck area)	m2		£474.73	
	ERECTION OF STEELWORK				
009	Permanent erection of superstructure (Deck area)	m2		£0.00	
B6(1) - Bridge - S21E - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	PROTECTION OF STEELWORK AGAINST CORROSION				
	PROTECTIVE SYSTEM				
010	Protective system (Deck area)	m2		£0.00	
	BRIDGE BEARINGS				
	BEARINGS				
011	Bearings	no		£170.74	
012	Installation of bearing	no		£269.66	
	BRIDGE EXPANSION JOINTS AND SEALING OF GAPS				
	BRIDGE DECK EXPANSION JOINTS				
013	Expansion joints	no		£5,354.32	
	Finishings				
	ROAD RESTRAINT SYSTEMS (VEHICLE AND PEDESTRIAN)				
	PEDESTRIAN PARAPETS, GUARDRAILS AND HANDRAILS				
014	Pedestrian parapets	m		£188.41	
	DRAINAGE AND SERVICE DUCTS				
	FILLING TO PIPE BAYS AND VERGES ON BRIDGES				
015	Filling to pipe bays and verges on bridges with concrete	m3		£121.44	
	WATERPROOFING FOR STRUCTURES				
	WATERPROOFING				
016	Waterproofing with mastic asphalt or proprietary waterproofing system more than 300 mm wide	m2		£20.02	
	SURFACE IMPREGNATION OF CONCRETE				
017	Surface impregnation to plain surfaces	Item		£5,393.18	
B6(1) - Bridge - S21E - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Miscellaneous				
018	Horizontal Formwork to precast concrete planks	m2		£36.76	
	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				
	Contractor's Other Charges				
19	Pile trimming Substructure	No		£117.76	
20	Formwork Class F6 vertical more than 300 mm wide	m2		£60.47	
21	Formwork Class F3 horizontal more than 300 mm wide	m2		£60.47	
	Temporary works				
22	Construction road 4m wide, earthworks, gravel pavement, recultivation	m2		£32.55	
23	Sheet piles drive & remove, h=7-8m, 100m3 gravel f. access	m2		£88.72	
24	Concstr. working platform f concr. piles	m3		£64.65	
25	Excav. f concstr. pile cap	m3		£11.95	
26	Backfill, compact and shape pile cap	m3		£21.71	
27	Demolition & reinstate footpath	m2		£22.89	
28	Sheet piles drive & remove, h=5-6m	m2		£64.77	
29	Add. excav. f retaining earth below each bankseat	m3		£11.95	
30	Install & remove temp. crash deck f footpath	m		£101.03	
31	Install & remove temp. protection wall / wire mesh fence on exist. Rail	m2		£52.99	
32	FW traveller f parapet edge beam	LS		£26,477.21	
33	Hydraulic jack during f pretension w composite steel-concrete superstruct.	LS		£41,214.25	
34	Lifting place west abutment on new embankm. (12x12x0.50m)	m3		£64.65	
B6(1) - Bridge - S21E - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - S22				
	Balgreen Road Bridge				
B6(1)	BRIDGES				
	Existing structure to be modified				
	Site Clearance				
001	Take up or down and remove to tip of site handrail attached to structure	m		£55.78	
	Road Restraint System				
002	Tubular steel post and rail edge protection handrail 0.955 metres high welded to base plate.	m		£176.63	
	Steelwork for Structures				
003	Tee stiffeners 6" x 3" welded to steel decl 1.20 metres high 9.79 metres in length	no		£1,011.52	
	Protection of Steelwork Against Corrosion				
004	Protective system	m2		£47.10	
	Waterproofing for Structures				
005	Waterproofing with two coats of bitumen	m2		£52.99	
	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				
	Agreed addition for 12.12.07 Upated Schedule of Clarifications	Item		£1,750,000.00	
B6(1) - Bridge - S22 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - S23				
	Carrick Knowe Underbridge				
B6(1)	BRIDGES				
	Special Preliminaries / Method Related Charges				
001	Allow for all work associated with construction alongside and over existing railway line including taking possessions	item		£2,943.88	
B6(1)2	SUBSTRUCTURE - END SUPPORTS				
	SITE CLEARANCE				
	SITE CLEARANCE				
001	Demolition of building or structure ; existing wall	item		£3,257.81	
	TAKE UP OR DOWN AND SET ASIDE FOR REUSE OR REMOVE TO STORE OFF SITE				
002	Take up or down and remove to tip off site railway boundary fence	m		£37.23	
	FENCING				
	FENCING, GATES AND STILES				
003	Temporary fencing for railway boundary	m		£8.28	
004	Metal palisade fencing 2.1 metres high with steel angle posts with cranked top	m		£212.72	
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
005	150 mm internal diameter UPVC - slotted drain surrounded in no fines concrete on C20 concrete haunching	m		£38.12	
006	Drainage material 150mm thick	m2		£35.80	
007	Drainage of substructure - end supports; connection of rear abutment drainage to drainage system ensuring the drains at back of abutment can be rodded	item		£2,768.61	
B6(1) - Bridge - S23 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	EARTHWORKS				
	EXCAVATION				
008	Excavation of unacceptable material Class U1 in structural foundations 0 to 6 metres in depth	m3		£0.94	
	DISPOSAL OF MATERIAL				
009	Disposal of unacceptable material Class U1 to tips off-site	m3		£8.78	
	IMPORTED FILL				
010	Imported acceptable material Class 6N in fill to structures	m3		£19.05	
011	Imported acceptable material Class 6N in fill above structural concrete foundations	m3		£27.50	
012	Imported acceptable material in fill above structural concrete foundations	m3		£27.50	
	COMPACTION OF FILL				
013	Compaction of acceptable material in fill to structures	m3		£2.53	
014	Compaction of acceptable material in fill above structural concrete foundations	m3		£3.79	
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
015	In situ concrete reference C32/40 in abutment bases	m3		£102.21	
016	In situ concrete reference C32/40 in abutments	m3		£95.06	
017	In situ concrete reference C32/40 in wing wall bases	m3		£108.23	
018	In situ concrete reference C32/40 in wing walls	m3		£98.50	
019	In situ concrete reference C32/40 in run on slab	m3		£109.98	
020	In situ concrete reference C16/20 in blinding 50 mm or less in thickness in wing wall bases	m3		£188.22	
021	In situ concrete C16/20 in blinding 75 mm or less in thickness	m3		£154.81	
B6(1) - Bridge - S23 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	SURFACE FINISH OF CONCRETE-FORMWORK				
022	Formwork Class F1 vertical more than 300 mm wide in abutments	m2		£62.29	
023	Formwork Class F1 vertical more than 300 mm wide in run on slab	m2		£54.05	
024	Formwork Class F1 vertical more than 300 mm wide to abutment bases	m2		£39.20	
025	Formwork Class F1 vertical more than 300 mm wide to wing wall bases	m2		£88.08	
026	Formwork Class F1 inclined more than 300 mm wide in abutments	m2		£80.66	
027	Curved formwork Class F1 of both girth and width more than 300 mm at any inclination in run on slab	m2		£59.58	
028	Curved formwork Class F1 of both girth and width more than 300 mm at any inclination to wing walls	m2		£76.47	
029	Curved formwork Class F3 of both girth and width more than 300 mm at any inclination to wing walls	m2		£86.06	
030	Formwork Class F1 300 mm wide or less at any inclination in abutments	m2		£86.06	
031	Curved formwork Class F3 of girth or width 300 mm or less at any inclination to wing walls	m2		£86.06	
	SURFACE FINISH OF CONCRETE-PATTERNED PROFILE FORMWORK				
032	Patterned profile formwork F6 vertical	m2		£92.59	
033	Curved patterned profile formwork F6 at any inclination	m2		£92.59	
	STEEL REINFORCEMENT FOR STRUCTURES				
034	High yield deformed Type 2 bar reinforcement not exceeding 12 metres in length in abutments	t		£910.83	
035	High yield deformed Type 2 bar reinforcement not exceeding 12 metres in length in run on slab	t		£910.83	
036	High yield deformed Type 2 bar reinforcement not exceeding 12 metres in length in wing walls	t		£910.83	
037	Stainless steel dowel 20mm diameter x 300mm long	no		£31.68	
B6(1) - Bridge - S23 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
038	Stainless steel dowel 25mm diameter x 400mm long	no		£34.03	
	STEELWORK FOR STRUCTURES				
	MISCELLANEOUS METALWORK				
039	Lockable access panel door and frame 600 x 600mm to inspection gallery	no		£0.00	
B6(1)3	SUPERSTRUCTURE				
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
001	Drainage of superstructure	item		£108.10	
002	Service ducts in superstructure	item		£1,893.22	
	STRUCTURAL CONCRETE				
	GENERAL				
003	Allow for works required to deal with stray current	item		£3,783.47	
	IN SITU CONCRETE				
004	in situ concrete reference C32/40	m3		£96.71	
005	In situ concrete reference C32/40 air entrained	m3		£114.25	
	PRECAST CONCRETE				
006	Precast concrete pretensioned prestressed member U10 approximately 28.30 metres long	no		£37,654.99	
	SURFACE FINISH OF CONCRETE-FORMWORK				
007	Formwork Class F3 vertical more than 300 mm wide	m2		£58.90	
008	Formwork Class F3 horizontal more than 300 mm wide	m2		£199.83	
B6(1) - Bridge - S23 - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
009	Formwork Class F3 inclined more than 300 mm wide	m2		£199.83	
010	Permanent formwork Class F3 horizontal more than 300 mm wide	m2		£56.31	
011	Formwork Class F3 300 mm wide or less at any inclination	m2		£217.49	
	STEEL REINFORCEMENT FOR STRUCTURES				
012	High yield deformed Type 2 bar reinforcement not exceeding 12 metres in length	t		£910.83	
013	Allow for the epoxy coating of bar reinforcement to receive precast concrete track slab	item		£4,769.08	
	CONCRETE ACCESSORIES				
014	Holding down bolt assemblies for OLE masts (to include additional concrete / formwork/ reinforcement for widening deck for mast bases)	item		£1,689.34	
	BRIDGE BEARINGS				
	BEARINGS				
015	Elastomeric laminated bearing	no		£170.74	
016	Fixed pin bearing	no		£1,354.18	
017	Standard guide bearing	no		£1,420.13	
018	Installation of fixed pin bearing	no		£269.66	
019	Installation of standard guide bearing	no		£269.66	
020	Installation of elastomeric laminated bearing	no		£269.66	
	BRIDGE EXPANSION JOINTS AND SEALING OF GAPS				
	BRIDGE DECK EXPANSION JOINTS				
021	Expansion joint approximately 9.25 metres in length	no		£5,639.29	
	SEALING OF GAPS				
022	Compressible filler 25mm thick	m2		£25.01	
023	Polysulphide joint sealant 25mm x 25mm	m		£11.78	
B6(1) - Bridge - S23 - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
024	Water stop approximately 235mm wide	m		£44.37	
	Finishings				
	ROAD RESTRAINT SYSTEMS (VEHICLE AND PEDESTRIAN)				
	CONTAINMENT PARAPETS				
025	Containment parapet P6 1100mm high straight or curved exceeding 50 metres radius	m		£728.90	
026	Containment parapet P6 1500mm high with anti access panels and steeply coping straight or curved exceeding 50 metres radius	m		£794.85	
	KERBS, FOOTWAYS AND PAVED AREAS				
	FOOTWAYS AND PAVED AREAS				
027	Walkway overall width 1.275 metres comprising; lockable steel grating (with tamper proof locking bolts set into structure on one edge and precast concrete kerb); precast concrete kerb units approximately 200mm high; precast units on deck forming support for walkway and space for ducts and yellow line demarking "safe walkway" surfaces sloping at 10 degrees or less to the horizontal	m		£40.84	
	WATERPROOFING FOR STRUCTURES				
	WATERPROOFING				
028	Waterproofing with two coats of bitumen more than 300 mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal	m2		£20.02	
029	Waterproofing with two coats of bitumen more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2		£20.02	
030	Waterproofing with waterproofing system more than 300 mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal	m2		£20.02	
031	Waterproofing with waterproofing system more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2		£20.02	
B6(1) - Bridge - S23 - Page 6					£0.00

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Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
032	Waterproofing with waterproofing system 300 mm wide or less at any inclination	m2		£20.02	
	SURFACE IMPREGNATION OF CONCRETE				
033	Surface impregnation to plain surfaces	m2		£4.19	
034	Surface impregnation to patterned surfaces	m2		£4.19	
	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				
	Contractor's Other Charges				
	Demolish of building south side	LS		£12,953.05	
	Sheet piling along railway line to allow excavation of unacceptable material	m		£612.33	
	Substructure				
	Formwork Class F3 vertical to abutments	m2		£86.06	
	Bolts for trackwork, dia 20mm, space 500mm	No		£13.06	
B6(1) - Bridge - S23 - Page 7					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE S26				
	South Gyle Access Road Bridge				
B6(1)	BRIDGES				
B6(1)1	PILING AND EMBEDDED RETAINING WALLS				
	EMBEDDED RETAINING WALL PLANT				
	Piling Plant				
001	Establishment of piling plant for 1200 mm diameter bored cast-in-place piles in main piling	Item		£10,597.95	
002	Moving piling plant for 1200 mm diameter bored cast in-place piles in main piling	nr		£117.76	
	Cast in Place Piles				
003	Vertical 1200 mm diameter cast-in-place piles exceeding 10 metres but not exceeding 15 metres in length in main piling	m		£235.51	
004	Proof loading for piles	item		£23,551.00	
	Reinforcement for Cast-in-Place piles				
005	High yield steel bar reinforcement ; 250 kgs,cum assumed	t		£918.49	
B6(1)2	SUBSTRUCTURE				
	Site Clearance				
001	General site clearance	Item		£4,723.15	
	Drainage and Service Ducts				
	Drains and Service Ducts (excluding filter drains, narrow filter drains and fin drains)				
002	1380 mm external diameter precast concrete manhole rings placed vertically	m		£392.83	
	Earthworks				
	Excavation				
003	Excavation in structural foundations ; 0 to 3 metres in depth ; pile caps	m3		£5.30	
004	Excavation in structural foundations ; 0 to 3 metres in depth ; levelling pads	m3		£5.30	
B6(1) - Bridge - S26 - Page 1					£0.00

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Section A

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Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Excavation in Hard Material				
005	Extra over excavation for excavation in hard material in structural foundations	Item		£1,059.56	
	Disposal of Material				
006	Disposal of excavated material ; pile caps	m3		£8.78	
007	Disposal of excavated material ; levelling pads	m3		£8.78	
	Imported Fill				
008	Imported material Class 6N ; above pile caps	m3			
009	Imported material Class 6N ; below run-on slabs and above reinforced earth	m3		£19.05	
010	Imported material Class 6i or 6j ; reinforced earth structure ; to underside of track bed ; reinforcement measured separately	m3		£19.05	
	Compaction of Fill				
011	Compaction of acceptable material ; above pile caps	m3			
012	Compaction of acceptable material ; below run-on slab and above reinforced earth	m3		£7.23	
013	Compaction of acceptable material ; reinforced earth structure	m3		£7.23	
	Completion of Formation and Sub formation				
014	Completion of formation on material other than Class 1C 6B or rock in cuttings	m2		£3.62	
	Earth Embankment				
015	Earth embankment at 1;2	Item		£1,539.62	
	Structural Concrete				
	In Situ Concrete				
016	In situ concrete Class ST1 ; blinding 75 mm or less in thickness ; pile caps and diaphragms	m3		£124.41	
017	In situ concrete reference C32/40 ; pile caps	m3		£112.81	
	B6(1) - Bridge - S26 - Page 2				£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
018	In situ concrete reference C35/45 ; columns	m3		£108.62	
	Surface Finish of Concrete-Formwork				
019	Permanent formwork Class F1 horizontal more than 300 mm wide ; closure of manhole rings	m2		£90.44	
020	Formwork Class F1 vertical more than 300 mm wide ; pile caps	m2		£119.87	
021	Formwork Class F2 vertical more than 300 mm wide ; columns	m2		£66.35	
	Steel Reinforcement for Structures				
022	High yield deformed Type 2 bar reinforcement ; pile caps ; 200 kgs/cum assumed	t		£910.83	
023	High yield deformed Type 2 bar reinforcement ; columns ; 125 kgs,cum assumed excluding UBs	t		£910.83	
	Tensar Reinforced Earth System				
024	Precast mass / reinforced concrete ; levelling pad	m		£35.00	
025	Modular blockwork facing ; 200 mm thick ; vertical ; straight	m2		£193.99	
026	Reinforcement ; Geogrid ; (measurement defined by area of supported blockwork facing)	m2		£16.51	
027	Precast concrete capping block ; approximately 500 x 300 mm overall ; horizontal	m		£58.57	
028	Precast concrete capping block ; approximately 500 x 300 mm overall ; inclined ; measured horizontally	m		£58.57	
	Steelwork for Structures				
	Fabrication of Steelwork				
029	Fabrication of 356 x 406 x 34 universal columns ; 100 kgs/metre assumed	t		£824.29	
	Erection of Steelwork				
030	Permanent erection of universal columns	t		£692.80	
B6(1) - Bridge - S26 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
B6(1)3	Superstructure				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
001	300 mm thick compressible layer	m2		£12.00	
002	300 mm thick drainage layer	m2		£31.71	
003	100 mm diameter drainage pipe	m		£58.24	
004	Connection of east abutment drainage to discharge point	Item		£1,690.16	
005	Connection of west abutment drainage to discharge point	Item		£1,690.16	
006	Service ducts in superstructure ; 150 mm diameter	m		£5.64	
	Structural Concrete				
	In Situ Concrete				
007	In situ concrete reference C32/40 ; diaphragms	m3		£104.96	
008	In situ concrete reference C32/40 ; deck	m3		£125.89	
009	In situ concrete reference C35/45 ; parapet edge beams	m3		£121.13	
010	In situ concrete reference C32/40 ; curtain/wing walls	m3		£125.89	
011	In situ concrete reference C32/40 ; run-on slabs	m3		£121.70	
	Precast Concrete				
012	Precast concrete prestressed beam Type U8 1185 mm deep x 32.950 metres long	nr		£41,552.32	
	Surface Finish of Concrete-Formwork				
013	Permanent formwork Class F2 horizontal more than 300 mm wide ; closure of precast U beams	m2		£60.00	
014	Formwork Class F2 inclined more than 300 mm wide ; diaphragms	m2		£86.48	
015	Formwork Class F2 vertical more than 300 mm wide ; curtain/wing walls internally and ends	m2		£86.48	
016	Formwork Class F2 vertical more than 300 mm wide ; diaphragms	m2		£86.48	
B6(1) - Bridge - S26 - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
017	Formwork Class F2 vertical more than 300 mm wide ; parapet edge beams internally	m2		£144.49	
018	Formwork Class F2 vertical more than 300 mm wide ; run-on slabs	m2		£32.43	
019	Formwork Class F2 vertical more than 300 mm wide ; curtain/wing walls externally	m2			
020	Formwork Class F2 300 mm wide or less at any horizontal ; diaphragm nibs and soffits	m2		£86.48	
021	Formwork Class F2 300 mm wide or less at any inclination ; between precast concrete beams	m2		£86.48	
022	Formwork Class F3 inclined more than 300 mm wide ; parapet edge beams externally	m2		£97.38	
023	Formwork Class F3 300 mm wide or less at any inclination ; parapet edge beams	m2		£97.38	
	Steel Reinforcement for Structures				
024	High yield deformed Type 2 bar reinforcement ; diaphragms ; 200 kgs/cum	t		£910.83	
025	High yield deformed Type 2 bar reinforcement ; deck ; 250 kgs/cum assumed	t		£910.83	
026	High yield deformed Type 2 bar reinforcement ; parapet edge beams ; 250 kgs/cum	t		£910.83	
027	High yield deformed Type 2 bar reinforcement ; curtain/wing walls ; 200 kgs/cum	t		£910.83	
028	High yield deformed Type 2 bar reinforcement ; run-on slabs ; 200 kgs/cum	t		£910.83	
	Finishings				
	Fencing				
	Fencing, Gates and Stiles				
029	Pedestrian fencing	Item		£3,532.65	
	Road Restraint Systems (Vehicle and Pedestrian)				
	Safety Barriers				
030	Open box beam safety fence ; including posts ; straight or curved exceeding 120 metres radius	m		£47.10	
B6(1) - Bridge - S26 - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Pedestrian Parapets, Guardrails and Handrails				
031	Pedestrian parapet Class 3 ; 1200 mm high ; straight or curved exceeding 50 metres radius	m		£188.41	
032	Pedestrian guardrail ; 750mm high ; horizontal ; straight or curved exceeding 50 metres radius ; substructure	m			
033	Pedestrian guardrail ; 750mm high ; inclined ; straight or curved exceeding 50 metres radius ; measured horizontally	m			
034	Pedestrian guardrail ; Keyclamp or similar ; 1000mm high ; horizontal ; straight or curved exceeding 50 metres radius ; superstructure	m		£188.41	
	Kerbs, Footways and Paved Areas				
	Kerbs, Channels, Edgings, Combined Drainage and Kerb Blocks and Linear Drainage Channel Systems				
035	Kerbing	Item		£3,633.33	
	Footways and Paved Areas				
036	Footways and cycleways	Item		£1,700.43	
	Waterproofing for Structures				
	Waterproofing				
037	Waterproofing with proprietary waterproofing system more than 300 mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal ; deck	m2		£20.02	
038	Extra for protection	m2		£17.66	
039	Waterproofing with proprietary waterproofing system more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal ; deck ends	m2			
040	Waterproofing with proprietary waterproofing system 300 mm wide or less at any inclination	m2			
B6(1) - Bridge - S26 - Page 6					£0.00

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Section A

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Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
041	Waterproofing with two coats of bitumen more than 300 mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal	m2		£20.02	
042	Waterproofing with two coats of bitumen more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2		£20.02	
	Bridge Expansion Joints and Sealing of Gaps				
	Sealing of Gaps				
043	Joint filler board ; 20 mm thick	m2		£25.01	
044	Joint sealant ; 20 x 20 mm	m		£11.78	
	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				
	Contractor's Other Charges				
45	Pile trimming	No		£117.76	
46	Superstructure				
47	Exposed surface impregnated with silane	m2		£8.83	
48	Bolts for trackwork, dia 20mm, space 500mm	No		£13.06	
	Temporary works				
49	Install & remove temp. crash deck f footpath	m		£101.03	
50	site fence, constr. pits, abutments	m		£23.55	
51	Sheet piles at toe of exisit. embankment, h= 1.20m	m2		£64.77	
52	Working platform f sheet piling, gravel	m3		£10.54	
53	Working platform f concr. piles	m3		£10.54	
54	Install & remove falsework f edge beam	LS		£29,680.54	
B6(1) - Bridge - S26 - Page 7					£0.00

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Section A

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Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - S27				
	Edinburgh Park Station Bridge				
B6(1)	BRIDGES				
B6(1)2	SUBSTRUCTURE				
	Site Clearance				
001	General site clearance	Item		£4,723.15	
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES				
002	Vertical Drainage Layer	m2		£40.91	
003	Porous Drain	m		£38.12	
	EARTHWORKS				
	EXCAVATION				
004	Excavation of unacceptable material Class U1 in structural foundations 0 to 6 metres in depth	m3		£0.94	
	DISPOSAL OF MATERIAL				
005	Disposal of unacceptable material Class U1 to tips off-site	m3		£8.78	
	IMPORTED FILL				
006	Imported acceptable material Class 6N in fill to structures	m3		£19.05	
	COMPACTION OF FILL				
007	Compaction of acceptable material in fill to structures	m3		£2.53	
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
008	In situ concrete C16/20 in blinding	m3		£102.66	
009	In situ concrete reference C32/40	m3		£171.69	
B6(1) - Bridge - S27 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	SURFACE FINISH OF CONCRETE-FORMWORK				
010	Formwork Class F1 vertical more than 300 mm wide	m2		£45.11	
011	Formwork Class F1 inclined more than 300 mm wide	m2			
012	Formwork Class F1 horizontal more than 300 mm wide	m2			
013	Curved formwork	m2		£86.96	
	STEEL REINFORCEMENT FOR STRUCTURES				
014	Reinforcement (200Kg/m3)	t		£910.83	
B6(1)3	SUPERSTRUCTURE				
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
001	Drainage of superstructure	item		£3,547.82	
002	Service ducts in superstructure	item		£21,636.77	
	STRUCTURAL CONCRETE				
	GENERAL				
003	Allow for works required to deal with stray current	item		£10,377.51	
	IN SITU CONCRETE				
004	In situ concrete reference C32/40	m3		£113.12	
	PRECAST CONCRETE				
005	Precast concrete pretensioned prestressed member U12 max 18.0 metres long	nr		£57,935.39	
006	Precast concrete pretensioned prestressed member U12 max 19.5 metres long	nr		£58,942.19	
B6(1) - Bridge - S27 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
007	Precast concrete pretensioned prestressed member U12 max 24.0 metres long	nr		£62,003.59	
008	Precast concrete pretensioned prestressed member U12 max 26.0 metres long	nr		£66,109.12	
009	Precast concrete pretensioned prestressed member U12 max 32.0 metres long	nr		£67,831.87	
	SURFACE FINISH OF CONCRETE-FORMWORK				
010	Formwork Class F3 vertical more than 300 mm wide	m2		£107.56	
011	Formwork Class F3 horizontal more than 300 mm wide	m2		£131.78	
012	Formwork Class F3 inclined more than 300 mm wide	m2			
013	Horizontal formwork (Permanent)			£58.44	
	STEEL REINFORCEMENT FOR STRUCTURES				
014	Reinforcement (200Kg/m3)	t		£910.83	
	BRIDGE BEARINGS				
	BEARINGS				
015	Bearings	nr		£1,308.02	
	BRIDGE EXPANSION JOINTS AND SEALING OF GAPS				
	BRIDGE DECK EXPANSION JOINTS				
016	Expansion joint approximately 10.30 metres in length	no		£3,114.49	
	SEALING OF GAPS				
017	Sealing of Gaps	Item		£3,585.64	
B6(1) - Bridge - S27 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Finishings				
	ROAD RESTRAINT SYSTEMS (VEHICLE AND PEDESTRIAN)				
	CONTAINMENT PARAPETS				
018	Containment parapet P5 1500mm high straight or curved exceeding 50 metres radius	m		£405.08	
019	Containment parapet P6 2000mm high with anti access panels and steeply coping straight or curved exceeding 50 metres radius	m		£906.71	
	KERBS, FOOTWAYS AND PAVED AREAS				
	FOOTWAYS AND PAVED AREAS				
020	Walkway overall width 1.20 metres comprising; lockable steel grating (with tamper proof locking bolts set into structure on one edge and precast concrete kerb); precast concrete kerb units approximately 200mm high; precast units on deck forming support for walkway and space for ducts and yellow line demarking "safe walkway" surfaces sloping at 10 degrees or less to the horizontal	m		£61.19	
021	Deck Surfacing	m2		£4.19	
	WATERPROOFING FOR STRUCTURES				
	WATERPROOFING				
022	Waterproofing with Proprietary System	m2		£19.78	
	Brickwork, Blockwork and Stonework				
	Blockwork and Stonework				
023	Single skin of Class B engineering bricks	m2		£176.63	
B6(1) - Bridge - S27 - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	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				
	Contractor's Other Charges				
	Substructure				
	Imported acceptable material Class 6N in fill to structures	m3		£19.05	
	Compaction of acceptable material in fill to structures	m3		£2.53	
	Formwork Class F3 horizontal more than 300 mm wide	m2		£104.74	
	Formwork Class F3 vertical more than 300 mm wide	m2		£79.19	
	Superstructure				
	Waterproofing with two coats of bitumen	m2		£4.12	
	Exposed surface impregnated with silane	m2		£8.83	
	Reinforced earthwall at approached ramps	m2		£353.27	
	Bolts for trackwork, dia 20mm, space 500mm	No		£13.06	
	Temporary works				
	Protection of gas main using R.C slab, earthwork	m3		£278.30	
	Substant. fence, heavy column, concr. found., mesh wire, h= 2.50m	m		£132.47	
	install & dismantle temp. crash deck f railway	m2		£15.31	
	Sheet pile pier 3&4, h= 5m	m2		£64.77	
	Temp. excav. & backfill	m3		£33.67	
	add. support beams IPB400	No		£2,451.19	
	add. support beams HEA800	No		£6,346.49	
	Nailed trusses f support cantilever fw, a= 500mm	No		£27.11	
	Add. heavy duty props Peri HD200, L= 6m	No		£115.49	
	Add. soil f equalisation between axis 4+5, removal, recultiv.	m3		£28.78	
	Removal & reinstall exist. fences	m		£17.66	
B6(1) - Bridge - S27 - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - S29				
	Gogar Burn Bridge				
	B6(1)				
	BRIDGES				
	Special Preliminaries / Method Related Charges				
2	Allow for the diversion of the river Gogarburn for erosion control works	item		£17,102.25	
3	Allow for the service - Combined sewer to be diverted or protected as appropriate prior to commencement of bridge construction works	item		£19,286.73	
4	Allow for the service - Scottish sewer foul to be diverted or protected as appropriate prior to commencement of bridge construction works	item		£15,399.19	
	B6(1)1				
	PILING AND EMBEDDED RETAINING WALLS				
	EMBEDDED RETAINING WALL PLANT				
	PILING PLANT				
5	Establishment of piling plant for 600 mm diameter bored cast-in-place piles in main piling	item		£61,352.29	
6	Moving piling plant for 600 mm diameter bored cast-in-place piles in main piling	no		£0.00	
	CAST IN PLACE PILES				
7	Vertical 600 mm diameter cast-in-place piles exceeding 10 metres but not exceeding 15 metres in length in main piling	m		£212.62	
	REINFORCEMENT FOR CAST-IN-PLACE PILES				
8	High yield deformed type 2 steel bar reinforcement (100kg/m3)	t		£1,175.64	
	PROOF LOADING OF PILES				
9	Establishment of proof loading equipment for piles bored cast-in-place piles in main piling	item		£0.00	
10	Proof loading of vertical bored cast-in-place piles with constant rate load in main piling	item		£27,176.47	
11	Proof loading of vertical bored cast-in-place piles with dynamic load in main piling	item		£165.62	
B6(1) - Bridge - S29 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
1	Proof loading of vertical bored cast-in-place piles with maintained load in main piling	item		£20,164.65	
	B6(1)2				
	SUBSTRUCTURE - END SUPPORTS				
	FENCING				
	FENCING, GATES AND STILES				
2	203 x 203 x 46 standard uniform steel columns 2000 mm long driven into ground	m		£134.43	
3	In situ concrete capping beam between columns to support fencing above	m		£100.62	
4	Post and rail fencing 1100mm high fixed to concrete capping beam	m		£53.77	
5	Timber planks inserted between steel columns below ground to form barrier	m2		£57.80	
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
6	Drainage of Substructure - end supports (pipework and chambers)	item		£11,166.29	
7	Service ducts in end supports 6 No. in walkways each side of bridge	m		£19.81	
	EARTHWORKS				
	EXCAVATION				
8	Excavation of unacceptable material Class U1 in structural foundations 0 to 3 metres in depth for erosion control mattress	m3		£7.61	
9	Excavation of unacceptable material Class U1 in structural foundations 0 to 3 metres in depth for footway	m3		£11.40	
10	Excavation of unacceptable material Class U1 in structural foundations 0 to 3 metres in depth for reinforced earth	m3		£11.40	
B6(1) - Bridge - S29 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
1	Excavation of unacceptable material Class U1 in structural foundations 0 to 3 metres in depth pile caps	m3		£11.40	
2	Excavation of unacceptable material Class U1 in structural foundations 0 to 6 metres in depth for reinforced earth	m3		£11.40	
	EXCAVATION IN HARD MATERIAL				
3	Extra over excavation for excavation in hard material in structural foundations	item		£2,016.47	
	DISPOSAL OF MATERIAL				
4	Disposal of unacceptable material Class U1	m3		£21.83	
	IMPORTED FILL				
5	Imported acceptable material in fill to structures	m3		£30.69	
6	Imported acceptable material DOT Type 'A' in fill to rear of facing units minimum 300 mm thick	m3		£33.19	
7	Imported acceptable material in fill above reinforced earth starter layer edge	m3		£33.19	
8	Imported acceptable material Class 6C or 6H in reinforced earth structures as a 850 mm thick starter layer	m3		£30.69	
9	Imported acceptable material Class 6I in reinforced earth structures	m3		£30.69	
	COMPACTION OF FILL				
10	Compaction of acceptable material in fill to structures	m3		£2.29	
11	Compaction of acceptable material DOT Type 'A' in fill to rear of facing units minimum 300 mm thick	m3		£2.29	
12	Compaction of acceptable material class 6I in reinforced earth structures	m3		£2.29	
13	Compaction of acceptable material in fill to above reinforced earth starter layer edge	m3		£2.29	
14	Compaction of acceptable material Class 6C or 6H in reinforced earth structures as a 850 mm thick starter layer	m3		£2.29	
B6(1) - Bridge - S29 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	SOFT SPOTS AND OTHER VOIDS				
1	Excavation of soft spots and other voids below structural foundations and foundations for corrugated steel buried structures	item		£0.00	
2	Filling of soft spots and other voids below structural foundations and foundations for corrugated steel buried structures	item		£0.00	
	GABION WALLING AND MATTRESSES				
3	Mattress type 350 mm thick to invert and side slopes of river Gogarburn	m3		£378.68	
	KERBS, FOOTWAYS AND PAVED AREAS				
	FOOTWAYS AND PAVED AREAS				
4	Footway 200 mm thick surfaces sloping at 10 degrees or less to the horizontal beneath structures	m2		£34.44	
	STEPS				
5	Flight of steps and landings set in embankment 2000mm wide 14000 mm horizontal length 7000 mm height approximate	no		£6,378.02	
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
6	In situ concrete (run on slab)	m3		£135.44	
7	In situ concrete columns	m3		£135.30	
8	In situ concrete diaphragm	m3		£135.30	
9	In situ concrete parapets reference class C35/45	m3		£138.12	
10	In situ concrete pile caps	m3		£135.30	
11	In situ concrete wing walls	m3		£138.12	
11	In situ concrete capping beam	m3		£138.12	
12	In situ concrete in blinding 75 mm or less in thickness	m3		£129.00	
13	Levelling course 600 mm wide x 150 mm depth as a foundation for reinforced earth facing panels (allow for complete construction)	m		£37.09	
B6(1) - Bridge - S29 - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	PRECAST CONCRETE				
1	Precast modular concrete facing units to reinforced earth	m2		£161.32	
	SURFACE FINISH OF CONCRETE-FORMWORK				
2	Formwork Class F1 inclined more than 300 mm wide	m2		£53.77	
3	Formwork Class F1 vertical more than 300 mm wide	m2		£53.77	
3	Formwork Class F1 curved and vertical more than 300 mm wide	m2		£80.66	
4	Formwork Class F2 vertical more than 300 mm wide	m2		£53.77	
5	Formwork Class F3 vertical more than 300 mm wide	m2		£53.77	
5	Formwork Class F3 curved and vertical more than 300 mm wide	m2		£80.66	
6	Formwork Class F1 300 mm wide or less at any inclination	m2		£53.77	
7	Formwork Class F2 300 mm wide or less at any inclination	m2		£53.77	
8	Formwork Class F3 300 mm wide or less at any inclination	m2		£53.77	
	STEEL REINFORCEMENT FOR STRUCTURES				
9	High yield deformed Type 2 bar reinforcement in columns (175kg/m3)	t		£914.13	
10	High yield deformed Type 2 bar reinforcement in diaphragm (125kg/m3)	t		£914.13	
11	High yield deformed Type 2 bar reinforcement in capping beam (175kg/m3)	t		£914.13	
12	High yield deformed Type 2 bar reinforcement in pile caps (125kg/m3)	t		£914.13	
13	High yield deformed Type 2 bar reinforcement in run on slab (200kg/m3)	t		£914.13	
14	High yield deformed Type 2 bar reinforcement in wing walls (125kg/m3)	t		£914.13	
15	Stainless steel dowels	no		£23.53	
	REINFORCEMENT FOR REINFORCED AND ANCHORED EARTH STRUCTURES				
16	Strip reinforcing elements to reinforced earth structure	item		£5,565.44	
B6(1) - Bridge - S29 - Page 5					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	BRIDGE EXPANSION JOINTS AND SEALING OF GAPS				
	BRIDGE DECK EXPANSION JOINTS				
1	Layer of compressible material behind abutments	m3		£60.50	
	SEALING OF GAPS				
2	Joint filler board	m2		£47.06	
3	Joint sealant 25 mm x 25 mm	m		£20.17	
	B6(1)3				
	SUPERSTRUCTURE				
	DRAINAGE AND SERVICE DUCTS				
	DRAINAGE AND SERVICE DUCTS IN STRUCTURES (INCLUDING REINFORCED EARTH STRUCTURES AND ANCHORED EARTH STRUCTURES)				
4	Drainage of superstructure	item		£3,812.81	
5	Service ducts in superstructure 6 No. in walkways each side of bridge	m		£19.81	
	STRUCTURAL CONCRETE				
	IN SITU CONCRETE				
6	Allow for the full construction of OHLE plinths on the deck	no		£9,358.42	
7	In situ concrete deck reference class C40/50	m3		£169.05	
8	In situ concrete parapets reference class C35/45	m3		£171.74	
	PRECAST CONCRETE				
9	Precast concrete prestressed member 17500 mm length type TY9 850 mm depth	no		£7,907.27	
10	Precast concrete prestressed member 17500 mm length type TYE9 850 mm depth	no		£9,923.73	
	SURFACE FINISH OF CONCRETE-FORMWORK				
11	Formwork Class F3 curved and horizontal more than 300 mm wide	m2		£80.66	
B6(1) - Bridge - S29 - Page 6					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
1	Formwork Class F3 vertical more than 300 mm wide	m2		£53.77	
2	Permanent formwork horizontal more than 300 mm wide	m2		£80.67	
3	Formwork Class F2 300 mm wide or less at any inclination	m2		£134.43	
4	Formwork Class F3 300 mm wide or less at any inclination	m2		£53.77	
	GENERAL				
	Allow for works required to deal with stray current				
5		item		£13,443.10	
	STEEL REINFORCEMENT FOR STRUCTURES				
	Allow for the epoxy coating of bar reinforcement to receive precast concrete track slab				
5	****Note : Treat as Provisional Sum. Not Sure of extent and quantity required****	item		£6,050.00	
6	High yield deformed Type 2 bar reinforcement in deck (200kg/m3)	t		£914.13	
	GENERAL				
	Allow for works required to deal with stray current				
	STEEL REINFORCEMENT FOR STRUCTURES				
7	High yield deformed Type 2 bar reinforcement in parapets (175kg/m3)	t			
	Finishings				
	ROAD RESTRAINT SYSTEMS (VEHICLE AND PEDESTRIAN)				
	VEHICLE PARAPETS				
8	Pedestrian class 3C normal level steel guardrail 1250 mm height straight or curved exceeding 50 metres radius	m		£295.75	
	KERBS, FOOTWAYS AND PAVED AREAS				
	FOOTWAYS AND PAVED AREAS				
9	Walkway average 350 mm thick surfaces sloping at 10 degrees or less to the horizontal	m2		£50.46	
B6(1) - Bridge - S29 - Page 7					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	WATERPROOFING FOR STRUCTURES				
	WATERPROOFING				
1	Waterproofing with waterproofing system more than 300 mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal	m2		£34.96	
2	Waterproofing with waterproofing system more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2		£67.22	
3	Waterproofing with waterproofing system 300 mm wide or less at any inclination	m2		£67.22	
4	Waterproofing with two coats of bitumen 300 mm wide or less at any inclination	m2		£16.13	
5	Waterproofing with two coats of bitumen more than 300 mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal	m2		£20.17	
6	Waterproofing with two coats of bitumen more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2		£20.17	
	SURFACE IMPREGNATION OF CONCRETE				
7	Surface impregnation to patterned surfaces	m2			
8	Surface impregnation to plain surfaces	m2		£13.44	
	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 else				
	Sundry subcontractor attendances e.g.				
9	Cranage, scaffolding etc	Sum		£143,143.47	
B6(1) - Bridge - S29 - Page 8					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - S32				
	Depot Access Road Bridge				
B6(1)	BRIDGES				
	Interchanges				
	Road Restraint Systems (Vehicle and Pedestrian)				
	Vehicle Parapets				
001	Vehicle parapet steel, H4A, 1500 mm high minimum, with anti-trespass measures to rear of parapet	m		£794.85	
	Drainage and Service Ducts				
	Filter drains				
002	100 mm internal diameter drain next to bridge structure	m		£76.55	
	Drainage and Service Ducts in Structures (including Reinforced Earth Structures and Anchored Earth Structures)				
003	Service ducts in bridge superstructure	item		£6,310.73	
	Earthworks				
	Excavation				
004	Excavation of acceptable material Class 5A	m3		£0.71	
	Disposal of Material				
005	Disposal of acceptable material	m3		£8.78	
	Imported Fill				
006	Imported acceptable material Class 6A in 150 mm thick layers	m3		£19.05	
	Ground Anchorages				
007	Ground anchorages tbc anchorages exceeding 5 metres but not exceeding 10 metres	m		£96.43	
B6(1) - Bridge - S32 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Pavements				
	Sub-base				
008	Granular Type 1 sub-base 400 mm thick in carriageway	m3		£25.45	
	Pavement				
009	Road construction	m2		£58.29	
	Kerbs, Footways and Paved Areas				
	Kerbs, Channels, Edgings, Combined Drainage and Kerb Blocks and Linear Drainage Channel Systems				
010	Kerbs, straight or to curves with radius exceeding 12 m	m		£36.34	
	Footways and Paved Areas				
011	Footway comprising sub-base, base course, wearing course and surface dressing.	m2		£17.00	
	Traffic Signs and Road Markings				
	Road Markings				
012	Double intermittent line in thermoplastic screed or spray 200 wide with 600 line and 150 gap	m		£7.07	
	Piling and Embedded Retaining Walls				
	Cast-in Place Piles 1180mm diam.				
013	Establishment	item		£7,065.30	
014	Moving	no		£235.51	
015	Cast-in Place Piles	m		£353.27	
016	Reinforcement	t		£918.49	
017	Proof Loading	item		£0.00	
	Secant Pile Wall 1180mm diam.				
018	Establishment	item		£0.00	
019	Moving	no		£378.91	
020	Cast-in Place Piles	m		£317.94	
B6(1) - Bridge - S32 - Page 2					£0.00

BBS Consortium
Bilfinger Berger - Siemens

S32
Section A

S32
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
021	Reinforcement	t		£918.49	
	Structural Concrete				
	In Situ Concrete				
022	In situ concrete reference C35/40	m3		£116.48	
023	In situ concrete reference C32/40	m3		£122.48	
	Surface Finish of Concrete-Formwork				
024	Formwork F3 exceeding 300 mm wide at any inclination	m2		£70.42	
025	Formwork F3 not exceeding 300mm wide at any inclination	m2		£70.42	
026	Formwork at any inclination more than 300mm wide	m2		£70.42	
028	Horizontal formwork F3 more than 300 mm wide	m2		£50.73	
030	Horizontal formwork F3 not exceeding 300mm wide	m2		£58.11	
031	Vertical formwork F1 more than 300 mm wide	m2		£48.37	
032	Vertical formwork F3 more than 300 mm wide	m2		£50.73	
033	Vertical formwork F3 not exceeding 300 mm wide	m2		£50.73	
034	Vertical formwork 300 mm wide or less at any inclination	m2		£50.73	
	Steel Reinforcement for Structures				
035	Stainless steel bar reinforcement not exceeding 12m in length (assume 150kg/m3 concrete)	t		£910.83	
036	Stainless steel bar reinforcement not exceeding 12m in length (assume 200kg/m3 concrete)	t		£910.83	
	Bridge Bearings				
	Bearings				
037	Bearing - elastomeric pad	no		£440.40	
B6(1) - Bridge - S32 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Brickwork, Blockwork and Stonework				
	Brickwork				
038	Brickwork in facing bricks in cement mortar tied back to wall form	m2		£105.98	
	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				
	Ground anchorages tbc anchorages exceeding 5 metres but not exceeding 10 metres (item 007)	m		£96.43	
	Water proofing	m2		£21.20	
	Pile trimming	No		£117.76	
	Temporary works				
	Protection of services for side road, R.C. slab incl earthworks	m3		£274.84	
	Piling mat for abutment and center pier, hard gravel	m3		£70.65	
	Temp. excavation and backfill	m3		£33.67	
	add. cost f excav. in advance to final excav. of rail track	m3		£1.41	
	Interpile sheeting f constr. pit f install bearing beam abutment axis A2	m		£262.69	
	Gravel layer 300mm, geotextil as improvement of bottom f found. support of falswork axis Sa1&Sa2	m2		£25.91	
	Found. support of heavy duty props using prefab. R.C. slabs	m		£250.87	
	Main beam e. g. Peri HDT as support and load dispatcher either on pile cap centre pier or on temporary foundation (pref. concrete slabs) and on top of the heavy duty props	m		£208.54	
	Heavy duty props HD200	No		£115.49	
	I-Beams HEA 800 support fromwork bottom span 1 from SA1 to SP1; length = 15.0 m	No		£2,923.13	
	I-Beams HEA 800 support fromwork bottom span 2 from SA2 to SP2; length = 12.0 m	No		£2,340.24	
	add. Fw cantilever & parapet acc. drwg AV	m		£243.80	
B6(1) - Bridge - S32 - Page 4					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - S28				
	A8 Underpass				
B6(2)	CULVERTS / CUT & COVER TUNNEL				
	SPECIAL PRELIMINARIES				
	Special preliminaries				
001	Traffic management Phase 1	item		£147,193.75	
002	Traffic management Phase 2	item		£147,193.75	
003	Traffic management Phase 3	item		£147,193.75	
004	Traffic management Phase 4	item		£147,193.75	
	ROAD RESTRAINT SYSTEMS (VEHICLE AND PEDESTRIAN)				
	Vehicle Parapets				
005	Vehicle parapet H4A	m		£759.52	
006	Vehicle parapet H4/safety fence transition	m		£759.52	
007	Solid steel sheet anti-lrespass panel	no		£6,536.58	
	Pedestrian Parapets and Pedestrian Guardrails				
008	Pedestrian handrail fixed to brickwork facing	m		£47.10	
	EARTHWORKS				
	Excavation				
009	Excavation of material in structural foundations 0 to 6 metres in depth	m3		£1.13	
010	Excavation of material within proposed tunnel down to track formation level	m3		£1.41	
	Disposal of material				
011	Disposal of excavated material	m3		£8.78	
	Excavation in Hard Material				
012	Extra over excavation for excavation in Hard Material in cutting and other excavation	m3		£5.65	
	B6(2) - Culvert - S28 - Page 1				£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Imported Fill				
013	Imported acceptable material in fill to structures including compaction	m3		£30.03	
	PAVEMENTS				
	Sub-base				
014	Granular Type 1 sub-base	m3		£30.03	
	Pavement				
015	Surface course 40mm thick	m2		£9.29	
016	Binder course 60mm thick	m2		£9.75	
017	Base 250mm thick	m2		£39.25	
	KERBS, FOOTWAYS AND PAVED AREAS				
018	Precast concrete kerbs	m		£36.34	
019	Footway construction	m2		£17.00	
	PILING AND EMBEDDED RETAINING WALLS				
	Piling plant				
020	Establishment of piling plant for steel sheet piles in main piling	item		£42,928.55	
021	Establishment of hard/hard secant pile walling plant	item		£263,771.20	
	Steel sheet piles				
022	Steel sheet piles exceeding 10 metres but not exceeding 15 metres in length in main piling	m2		£117.76	
023	Driving steel sheet piles exceeding 10 metres but not exceeding 15 metres in length in main piling	m2		£29.44	
	Secant Pile Walls				
024	Hard/hard secant pile wall with 1180mm diameter piles 0 to 15 metres in depth	m		£487.15	
025	Moving	no		£426.01	
B6(2) - Culvert - S28 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
026	Proof Load	item		£0.00	
	Reinforcement for Embedded Retaining Walls				
027	High yield steel bar reinforcement (100kg/m3 assumed)	t			
	STRUCTURAL CONCRETE				
	In situ concrete				
028	In situ concrete	m3		£124.22	
029	In situ concrete to discrete concrete ties	m3		£111.40	
	Formwork				
030	Formwork Class F1 horizontal to discrete concrete ties	m2			
031	Formwork Class F1 vertical to discrete concrete ties	m2		£41.31	
032	Formwork Class F1 vertical	m2		£41.31	
033	Formwork Class F2 horizontal	m2		£41.31	
034	Formwork Class F2 vertical	m2		£41.31	
035	Formwork Class F3 horizontal	m2		£41.31	
036	Formwork Class F3 vertical	m2		£41.31	
037	Patterned profile formwork vertical	m2		£72.42	
	Steel Reinforcement for Structures				
038	High yield steel bar reinforcement (200kg/m3 assumed)	t		£910.83	
	WATERPROOFING FOR STRUCTURES				
	Waterproofing				
039	Waterproofing with spray applied proprietary system	m2		£19.78	
	Surface Impregnation of Concrete				
040	Surface impregnation with silane	m2		£7.07	
B6(2) - Culvert - S28 - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	BRICKWORK, BLOCKWORK AND STONEMWORK				
	Brickwork				
041	Brickwork half brick thick in face work to concrete	m2		£105.98	
	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				
	Contractor's Other Charges				
	Demolition and reinstatement of existing wing walls	m		£58.88	
	Pile trimming	No		£117.76	
	Filter drainage layer below track slab	m3		£44.50	
	relief wells at filter layer	No		£41.21	
	Removal steel sheet piles	m2		£29.44	
	concrete track slab	m3		£118.72	
	concrete walkway	m3		£118.72	
	Formwork Class F2 inclined	m2		£41.31	
	Bolts for trackwork, dia 20mm, space 500mm	No		£13.06	
	Temporary works				
	Demolition concr. exist. retain.wall	m3		£194.47	
	Demolition concr. exist. retain.wall in proposed tunnel	m3		£194.47	
	Rebuilding demoiished R.C. retain.wall on top of finished deck	m3		£123.55	
	Formwork retaining wall	m2		£41.31	
	Reinforcement retain.wall	t		£910.83	
	Connection new retain.wall to exist. bored piles	No		£125.23	
	Temp. R.C. retain.wall on top of partly finished deck, Ph1,2,3	m3		£128.13	
	Formwork temp. retaining wall	m2		£41.31	
	Reinforcement temp. retain.wall	t		£910.83	
	Add. couplers f reinforcement by construct.joint in deck	No		£47.63	
	Demolition concr. exist. retain.wall	m3		£59.05	
	Formwork bottom of bridge deck				
	Blinding 10cm in 4 steps ac. Phases	m2		£12.55	
	Nailed trusses f sloped area incl. boards for bracing	No		£17.86	
	Support nailed trusses by timber boards 10/10	m		£6.32	
	add. fw cost f special plywood on nailed trusses	m2		£4.18	
	add. fw cost f special plywood bottom of deck	m2		£4.18	
	Support nailed trusses by timber boards 10/10	m		£6.32	
B6(2) - Culvert - S28 - Page 4					£0.00

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S30
Section A

S30
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	Bill 8 B6 Structures - S30 Gogar Culvert				
1	Box Culvert 1.2x2.1 internal 300thk	m		£1,529.61	
2	U Shaped Culvert 1.2x2.1 internal 300thk	m		£1,788.49	
3	50mm thk Blinding Concrete	m3		£0.00	
3	75mm thk Blinding Concrete	m3		£129.00	
4	Rip Rap to stream bed 300thk	m3		£93.67	
5	Granular Bedding Material 300thk	m3		£110.94	
6	6M Drainage Material	m3		£101.01	
7	150mm perf drainage duct	m		£51.32	
8	10-50 Stone filter media 100thk	m3		£101.01	
9	Bitumen Paint to buried surfaces	m2		£20.17	
10	1m Timber Post & Rail Fence	m		£80.66	
11	Backfill to 500 below track level	m3		£47.78	
	B6(2) - Culvert - S30 - Page 1				0.00
B6	STRUCTURES				
	STRUCTURE - S30				
	Gogar Culvert				
	B6(2)				
	CULVERTS				
	Box culvert				
3	Precast reinforced concrete box culvert 2.10 x 1.20 metres internal dimensions 14 metres in length, including 2 number headwalls 2 metres in length with 1 metre high timber post and rail fencing including safety barrier 20 metres in length , culvert to in	Item		£0.00	
	Contractor's Other Charges				
4	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 else	note			
	B6(2) - Culvert - S30 - Page 2				£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
Bill 8 B6 Structures - S31 Gogar Culvert					
1	Box Culvert 1.2x2.1 internal 300thk	m		£1,529.61	
2	U Shaped Culvert 1.2x2.1 internal 300thk	m		£1,788.49	
3	50mm thk Blinding Concrete	m3		£129.00	
3	75mm thk Blinding Concrete	m3		£129.00	
4	Rip Rap to stream bed 300thk	m3		£93.67	
5	Granular Bedding Material 300thk	m3		£110.94	
6	6M Drainage Material	m3		£101.01	
7	150mm perf drainage duct	m		£51.32	
8	10-50 Stone filter media 100thk	m3		£101.01	
9	Bitumen Paint to buried surfaces	m2		£20.17	
10	1m Timber Post & Rail Fence	m		£80.66	
11	Backfill to 500 below track level	m3		£47.78	
					0.00
B6	STRUCTURES				
	STRUCTURE - S31				
	Gogar Culvert				
	B6(2)				
	CULVERTS				
	Box culvert				
5	Precast reinforced concrete box culvert 2.10 x 1.20 metres internal dimensions 14 metres in length, including 2 number headwalls 2 metres in length with 1 metre high timber post and rail fencing including safety barrier 20 metres in length , culvert to in	Item		£0.00	
	Contractor's Other Charges				
6	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 else	note			
B6(2) - Culvert - S31 - Page 1					£0.00

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S34
Section A

S34
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
	Bill 8 B6 Structures - S34 Gogar Culvert				
1	Box Culvert 1.2x2.1 internal 300thk	m		£1,529.61	
2	U Shaped Culvert 1.2x2.1 internal 300thk	m		£1,788.49	
2	U Shaped Culvert 1.3x2.7 internal 300thk	m		£1,863.39	
3	50mm thk Blinding Concrete	m3		£129.00	
3	75mm thk Blinding Concrete	m3		£129.00	
4	Rip Rap to stream bed 300thk	m3		£93.67	
5	Granular Bedding Material 300thk	m3		£110.94	
6	6M Drainage Material	m3		£101.01	
7	150mm perf drainage duct	m		£51.32	
8	10-50 Stone filter media 100thk	m3		£101.01	
9	Bitumen Paint to buried surfaces	m2		£20.17	
10	1m Timber Post & Rail Fence	m		£80.66	
11	Backfill to 500 below track level	m3		£47.78	
12	900mm dia Flap Valve	nr		£10,346.15	
13	Safety Grill to U Shaped Culvert 1.5x10.	m2		£336.08	
B6(2) - Culvert - S34 - Page 1					0.00

B6	STRUCTURES				
	STRUCTURE - S34				
	Gogar Culvert				
	B6(2)				
	CULVERTS				
	Box culvert				
7	Precast reinforced concrete box culvert 2.10 x 1.20 metres internal dimensions 14 metres in length, including 1 number headwall 4 metres in length with 1 metre high timber post and rail fencing including safety barrier 23 metres in length , culvert flows	Item		£0.00	
8	Precast reinforced concrete box culvert 1.35 x 2.700 metres internal dimensions 10 metres in length, with safety grill 9.60 x 1.60 metres with 0.900 metre outfall pipe with flap valve and 1 metre high timber post and rail fencing	Item		£0.00	
	Contractor's Other Charges				
9	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 else	note		£0.00	
				B6(2) - Culvert - S34 - Page 2	£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE S21B				
	Structures at Murrayfield				
B6(4)	RETAINING WALLS				
	Main Construction				
	Site Clearance				
001	General site clearance ; including dealing with any reclamation materials, buried services and the demolition of any hard standings ; including vegetation across the existing slope and under the footprint of the proposed embankment and grubbing up of tree roots	ha		£44,140.10	
	Drainage and Service Ducts				
	Drainage in Structures (including Reinforced Earth Structures and Anchored Earth Structures)				
002	300 m wide drainage layer ; north and returns	m2		£18.49	
003	300 m wide drainage layer ; south	m2		£18.49	
004	Connection of drainage to discharge point ; north and returns	Item		£1,481.54	
005	Connection of drainage to discharge point ; south	Item		£1,481.54	
	Earthworks				
	Excavation				
006	Excavation ; benching of existing embankment	m3		£3.39	
007	Excavation ; benching of existing embankment ground improvement level	m3		£3.24	
008	Excavation in structural foundations ; 0 to 3 metres in depth ; levelling pads	m3		£4.81	
	Excavation in Hard Material				
009	Extra over excavation for excavation in hard material in structural foundations	Item		£5,948.80	
	Disposal of Material				
010	Disposal of material from embankment benching	m3		£17.07	
B6(4) - Retaining Wall - S21B - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
011	Disposal of material from embankment footprint	m3		£17.07	
012	Disposal of material from levelling pads	m3		£17.07	
	Imported Fill				
013	Imported material Class 6N ; benched into existing embankment ; to underside of track bed	m3		£37.50	
014	Imported material Class 6i or 6j ; reinforced earth structure ; to underside of track bed ; reinforcement measured separately	m3		£37.50	
	Compaction of Fill				
015	Compaction of acceptable material Class 6N ; benched embankment	m3		£0.51	
016	Compaction of acceptable material ; reinforced earth structure	m3		£0.51	
	Geotextiles				
017	Geotextile to profile of benched embankment	m2		£3.15	
018	Geotextile horizontal	m2		£3.15	
	Soft Spots and Other Voids				
019	Excavation of soft spots and other voids below cuttings or under embankments	Item		£5,948.80	
020	Filling of soft spots and other voids below cuttings or under embankments with acceptable material Class 6C	Item		£11,897.60	
	Completion of Formation and Sub formation				
021	Completion of formation on material other than Class 1C 6B or rock in cuttings	m2		£8.49	
	Ground Improvement				
022	Ground improvement complete if and as required by geotechnical investigation	Item		£23,795.20	
B6(4) - Retaining Wall - S21B - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	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				
	Additional Items				
	Provisional Sum for Permanent Sheet Piling Works adjacent Roseburn St Viaduct Bankseat at GL "F"	item		£28,554.24	
	Provisional Sum for Cess Walkway at Track Level - 227m long.	item		£47,590.40	
B6(4) - Retaining Wall - S21B - Page 4					£0.00

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S21C
Section A

S21C
Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE S21C				
	Structures at Murrayfield				
B6(4)	RETAINING WALLS				
	Main Construction				
	Site Clearance				
001	General site clearance ; including dealing with any reclamation materials, buried services and the demolition of any hard standings	ha		£1,698,370.50	
002	Demolition of existing wing walls subject to agreement with Network Rail	Item		£3,088.95	
	Drainage and Service Ducts				
	Drainage and Service Ducts in Structures				
003	225 mm permeable backing	m2		£13.23	
004	150 mm pipe in no-fines concrete	m		£25.15	
005	400 x 600 mm concrete drain base	m		£66.70	
006	Connection of drainage to discharge point ; east	Item		£1,481.54	
007	Connection of drainage to discharge point ; west	Item		£1,481.54	
	Earthworks				
	Excavation				
008	Excavation in structural foundations 0 to 3 metres in depth ; 2 metre depth assumed	m3		£4.81	
	Excavation in Hard Material				
009	Extra over excavation for excavation in hard material in structural foundations	Item		£2,974.40	
	Disposal of Material				
010	Disposal of excavated material	m3		£17.07	
	Imported Fill				
011	Imported material Class 6N ; within structure	m3		£37.50	
B6(4) - Retaining Wall - S21C - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Compaction of Fill				
012	Compaction of acceptable material ; within structure	m3		£3.12	
	Earthworks Profiling				
013	Fill between existing Network Rail embankment and the tram embankment to be locally graded adjacent to the remaining portion of the existing wing wall ; with positive drainage picked up by the rear wall drainage to the subway	Item		£1,091.69	
	Soft Spots and Other Voids				
014	Excavation of soft spots and other voids below cuttings or under embankments	Item		£5,948.80	
015	Filling of soft spots and other voids below cuttings or under embankments with acceptable material Class 6C	Item		£5,948.80	
	Completion of Formation and Sub formation				
016	Completion of formation on material other than Class 1C 6B or rock in cuttings	m2		£8.49	
	Structural Concrete				
017	In situ concrete ; base	m3		£134.92	
018	In situ concrete ; walls and chamfers	m3		£136.72	
019	In situ concrete ; deck	m3		£141.22	
020	In situ concrete ; parapets	m3		£144.39	
021	In situ concrete Class ST1 ; blinding 75 mm or less in thickness	m3		£120.55	
	Surface Finish of Concrete-Formwork				
022	Formwork Class F2 assumed vertical more than 300mm wide ; walls externally	m2		£55.51	
023	Formwork Class F2 inclined more than 300 mm wide ; chamfers	m2		£55.51	
024	Formwork Class F3 horizontal more than 300 mm wide ; deck soffit	m2		£138.79	
025	Formwork Class F3 inclined more than 300 mm wide ; chamfers	m2		£62.45	
B6(4) - Retaining Wall - S21C - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
026	Formwork Class F3 vertical more than 300 mm wide ; parapet upstands externally	m2		£138.79	
027	Formwork Class F3 vertical more than 300 mm wide ; parapet upstands internally	m2		£138.79	
028	Formwork Class F3 vertical more than 300 mm wide ; underpass and parapet ends	m2		£62.45	
029	Formwork Class F3 vertical more than 300 mm wide ; walls internally	m2		£62.45	
030	Formwork Class F3 300 mm wide or less at any inclination ; parapet soffit	m2		£62.45	
	Steel Reinforcement for Structures				
031	High yield deformed Type 2 bar reinforcement ; 250kgs/cum assumed	t		£1,045.19	
	Existing Underpass				
032	Temporary works and modifications to existing underpass and wing walls as agreed with Network Rail ; demolition measured separately	Item		£2,974.40	
	Brickwork, Blockwork and Stonework				
	Blockwork and Stonework				
033	Stub wall support to existing masonry wing walls	Item		£5,948.80	
	Finishings				
	Road Restraint Systems (Vehicle and Pedestrian)				
	Pedestrian Parapets, Guardrails and Handrails				
034	Pedestrian parapet Class 3C ; full height ; straight or curved exceeding 50 metres radius	m		£231.13	
	Kerbs, Footways and Paved Areas				
	Footways and Paved Areas				
035	Paved area ; within structure	m2		£34.69	
B6(4) - Retaining Wall - S21C - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Kerbs, Channels, Edgings				
036	Extra for channelling to paved area ; within structure	m		£32.71	
	Waterproofing for Structures				
	Waterproofing				
037	Waterproofing with spray applied system more than 300 mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal ; deck	m2		£26.78	
038	Extra for protection	m2		£31.79	
039	Waterproofing with spray applied system more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal ; underpass down stands and parapet upstands	m2		£26.78	
040	Waterproofing with two coats of bitumen more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal ; underpass walls externally	m2		£6.89	
	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				
	Working Space				
	Earthworks				
	Excavation of unacceptable	m3		£3.78	
	Disposal of unacceptable	m3		£17.07	
	Imported acceptable	m3		£28.33	
	Adjustments to CONCRETE WORKS SECTION - (Concrete Formwork & Rebar) - After measurement				
	insitu concrete; base	m3		£134.92	
	Insitu concrete; walls & chamfers	m3		£136.72	
	Insitu concrete; deck	m3		£141.22	
	Insitu concrete; parapets	m3		£144.39	

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S21C
 Section A

S21C
 Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	In situ concrete; stub walls	m3		£136.72	
	In situ concrete; Class ST1 blinding 75mm or less in thickness	m3		£120.55	
	Formwork Class F2 vertical more than 300mm wide;	m2		£55.51	
	Formwork Class F2 inclined more than 300mm wide; chamfers	m2		£55.51	
	Formwork Class F3 horizontal more than 300mm wide; deck soffit	m2		£138.79	
	Formwork Class F3 inclined more than 300mm wide; chamfers	m2		£62.45	
	Formwork Class F3 vertical more than 300mm wide; parapet upstands externally	m2		£138.79	
	Formwork Class F3 vertical more than 300mm wide; parapet upstands internally	m2		£138.79	
	Formwork Class F3 vertical more than 300mm wide; underpass and parapet ends	m2		£62.45	
	Formwork Class F3 vertical more than 300mm wide; walls internally	m2		£62.45	
	Formwork Class F3 300mm wide or less at any inclination; parapet soffit	m2		£62.45	
	Formwork Class F1 vertical more than 300mm wide; base slab	m2		£48.58	
	Formwork Class F1 vertical more than 300mm wide;	m2		£48.58	
	Formwork Class F4 vertical more than 300mm wide; walls internally & stub walls	m2		£90.21	
	Formwork Class F2 horizontal more than 300mm wide; soffit of deck	m2		£138.79	
	Formwork Class F2 vertical more than 300mm wide; parapet upstands internally	m2		£117.96	
	Steel Reinforcement	t		£1,045.19	
	Temporary Works				
	Temporary Sheet Piling (PROVISIONAL SUM)	item		£39,970.23	
	B6(4) - Retaining Wall - S21C - Page 4				-

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Compaction of Fill				
010	Compaction of acceptable material Class 6N ; benched embankment	m3		£1.44	
011	Compaction of acceptable material ; reinforced earth structure	m3		£7.32	
	Geotextiles				
012	Geotextile to profile of benched embankment	m2		£5.69	
013	Geotextile horizontal	m2		£3.60	
	Soft Spots and Other Voids				
014	Excavation of soft spots and other voids below cuttings or under embankments	Item		£5.30	
015	Filling of soft spots and other voids below cuttings or under embankments with acceptable material Class 6C	Item		£20.21	
	Completion of Formation and Sub formation				
016	Completion of formation on material other than Class 1C 6B or rock in cuttings	m2		£1.44	
	Ground Improvement				
017	Ground improvement complete if and as required by geotechnical investigation	Item		£5,887.75	
	Structural Concrete				
	Tensar Reinforced Earth System				
018	Precast concrete coping/track ballast retainer ; 1500 x 750 mm overall ; horizontal	m		£546.37	
019	Reinforcement (0.34 kgs/sqm) ; 600 mm centres vertically ; average 4500 mm wide including wrap round	m2		£43.10	
020	Reinforcement (0.34 kgs/sqm) ; 600 mm centres vertically ; average 7000 mm wide including wrap round	m2		£43.10	
021	Reinforcement (0.22 kgs/sqm) ; 600 mm centres vertically ; 1000 mm wide	m2		£43.10	
B6(4) - Retaining Wall - S21D - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
022	Un-defined pads at c. 75 metre centres along structure	Item		£2,943.88	
	Finishings				
	Road Restraint Systems (Vehicle and Pedestrian)				
	Pedestrian Parapets, Guardrails and Handrails				
023	Pedestrian parapet Class 3C ; full height ; straight or curved exceeding 50 metres radius	m		£194.30	
	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				
	Contractor's Other Charges				
	Temporary works				
24	Install of view and noise barrier, timber planks, h= 2m	m2		£23.55	
25	Install of safety fence between constr. site and network rail	m		£23.55	
B6(4) - Retaining Wall - S21D - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL. £
B6	STRUCTURES				
	STRUCTURES - W3 & W4				
	Russell Road Retaining Walls				
B6(4)	RETAINING WALLS				
	Piling				
001	Establishment of piling plant for 600 mm diameter bored piles	item		£9,714.99	
002	Moving piling plant for 600mm diameter bored piles	no		£34.69	
003	Vertical cast in place piles	m		£232.12	
004	Reinforcement for cast in place 600 mm diameter bored piling	t		£0.00	Included
005	Proof Loading	Item		£5,551.42	
	Earthworks				
006	Excavation of acceptable material	m3		£7.58	
007	Deposition of acceptable material	m3		£7.58	
008	imported acceptable material	m3		£37.50	
009	compaction of acceptable material	m3		£0.51	
	DRAINAGE AND SERVICE DUCTS				
	Drainage and Service Ducts in Structures				
010	vertical drainage layer	m2		£13.23	
011	porous drains	m		£12.66	
	Structural Concrete				
012	concrete volume grade 32/40	m3		£141.77	
013	in situ concrete, blinding 75 mm or less	m3		£142.95	
	Formwork				
014	formwork f1 vertical more than 300mm	m2		£55.51	
	Waterproofing for Structures				
015	waterproofing 2 coats bitumus	m2		£6.89	
016	surface impregnation to plain surface	m2		£6.94	
B6(4) - Retaining Wall - W3 & 4 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - W8				
	Baird Drive Retaining Wall				
B6(4)	RETAINING WALLS				
	Main Construction				
	Site Clearance				
001	General site clearance; including dealing with any reclamation materials, buried services and the demolition of any hard standings; including vegetation across the existing slope and under the footprint of the proposed embankment and grubbing up of tree roots	ha		£18,420.41	
002	Demolition of existing building	Item		£2,119.59	
003	Demolition of existing stone wall	m3		£47.10	
004	Removal of trees	Item		£18,840.80	
	Fencing				
	Noise Abatement Barriers				
005	Noise abatement barrier ; 2000 mm high	m		£47.10	
	Earthworks				
	Excavation				
006	Excavation ; benching of existing embankment	m3		£6.39	
007	Excavation ; footprint of embankment and down to starter layer	m3		£4.06	
008	Excavation ; additional volume for starter layer	m3			
	Excavation in Hard Material				
009	Extra over excavation for excavation in hard material in structural foundations	Item		£2,530.91	
	Disposal of Material				
010	Disposal of material from embankment benching	m3		£11.79	
011	Disposal of material from embankment footprint	m3		£10.01	
012	Disposal of material from starter layer	m3			
B6(4) - Retaining Wall - W8 - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Imported Fill				
013	Imported material Class 6N ; benched into existing embankment ; to underside of track bed material	m3		£18.49	
014	Imported material Class 6i or 6j ; reinforced earth structure ; to underside of track bed	m3		£26.45	
015	Imported material Class 6C ; starter layer ; provisionally 600 mm thick	m3		£26.45	
	Compaction of Fill				
016	Compaction of acceptable material ; benched embankment	m3		£1.44	
017	Compaction of acceptable material ; reinforced earth structure	m3		£7.32	
018	Compaction of acceptable material ; starter layer	m3		£7.32	
	Geotextiles				
019	Geotextile to profile of benched embankment	m2		£5.69	
020	Geotextile horizontal to footprint	m2		£3.60	
021	Erosion protection blanket to surfaces sloping at more than 10 degrees to the horizontal (60 degrees) ; measured along slope	m2		£23.80	
022	Erosion protection blanket to surfaces sloping at 10 degrees or less to the horizontal	m2			
	Soft Spots and Other Voids				
023	Excavation of soft spots and other voids below cuttings or under embankments	Item		£2,119.12	
024	Filling of soft spots and other voids below cuttings or under embankments with acceptable material Class 6C	Item		£8,084.88	
	Topsoiling and Storage of Topsoil				
025	Topsoiling 150 mm thick to surfaces sloping more than 10 degrees to the horizontal (60 degrees) ; measured along slope, thickness perpendicular to slope	m2		£27.81	
B6(4) - Retaining Wall - W8 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	Imported Fill				
011	Imported material Class 6N ; benched into existing embankment ; to underside of track bed	m3		£18.49	
012	Imported material Class 6i or 6j ; reinforced earth structure ; to underside of track bed	m3		£26.45	
013	Imported material Class 6C ; starter layer ; provisionally 600 mm thick	m3		£26.45	
	Compaction of Fill				
014	Compaction of acceptable material ; benched embankment	m3		£1.44	
015	Compaction of acceptable material ; reinforced earth structure	m3		£7.32	
016	Compaction of acceptable material ; starter layer	m3		£7.32	
	Geotextiles				
017	Geotextile to profile of benched embankment	m2		£5.69	
018	Geotextile horizontal to footprint	m2		£3.60	
019	Erosion protection blanket to surfaces sloping at more than 10 degrees to the horizontal (60 degrees) ; including pining ; measured along slope	m2		£23.80	
020	Erosion protection blanket to surfaces sloping at 10 degrees or less to the horizontal ; including pining ; measured along slope	m2		£23.80	
	Soft Spots and Other Voids				
021	Excavation of soft spots and other voids below cuttings or under embankments	Item		£105.96	
022	Filling of soft spots and other voids below cuttings or under embankments with acceptable material Class 6C	Item		£404.24	
	Topsoiling and Storage of Topsoil				
023	Topsoiling 150 mm thick to surfaces sloping more than 10 degrees to the horizontal (60 degrees) ; measured along slope, thickness perpendicular to slope	m2		£27.81	
B6(4) - Retaining Wall - W9 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - W14A				
	Gogarburn Retaining Walls				
19	Reinforced earth retaining wall with blockwork face, battered at 1:128. A pedestrian parapet is supported on a precast reinforced concrete cope.	m		£780.92	
	STRUCTURE - W14B				
	Gogarburn Retaining Wall				
20	Mass concrete wall faced with similar blockwork to wall W14A battered at 1:128	m		£430.05	
	STRUCTURE - W14C				
	Gogarburn Retaining Wall				
21	Reinforced earth slope is required to maintain the existing height of the embankment as a flood prevention measure	m		£256.82	
	STRUCTURE - W14D				
	Gogarburn Retaining Wall				
22	Reinforced concrete cantilever wall with brick facing similar to wall W14A and W14B with a pedestrian parapet incorporated on the cope of the wall.	m		£1,202.95	
	STRUCTURE - WX				
	Retaining Wall at Edinburgh Tram Stop				
23	Reinforced concrete wall faced with blockwork	m		£483.53	
B6(4) - Retaining Wall - W14 - Page 1					-
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					
B6(4) - Retaining Wall - W14 - Page 2					0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - W16				
	A8 Retaining Wall				
B6(4)	RETAINING WALLS				
	Soil Nailing				
001	Establish soil nailing plant	item		£0.00	
002	Soil Nailing (Pending Detailed Design)	item		£200,000.00	
003	Remove from site soil nailing plant	item		£0.00	
B6(4) - Retaining Wall - W16 - Page 1					£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				
B6(4) - Retaining Wall - W16 - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
B6	STRUCTURES				
	STRUCTURE - W18				
	Murrayfield Tramstop Retaining Walls				
	Retaining Walls (Provisional Sum)				
	Provisional Sum for Site Clearance	Item		£59,488.00	
	Provisional Sum for Reinforced Soil Retaining Walls incl blockwork facing. (650m2 x £500/m2)	Item		£386,672.00	
	Provisional Sum for Imported Fill (11,500m3 x £30/m3)	Item		£410,467.20	
	Provisional Sum for Fan Steps (700m2 x £75/m2)	Item		£62,462.40	
	Provisional Sum for extra over for LOGO at Steps (200m2 x £50/m2)	Item		£11,897.60	
	Provisional Sum for Stainless Steel Barriers to Steps. (175m x £250/m)	Item		£53,539.20	
	Provisional Sum for Stainless Steel Handrail with Glass Panels on top of soil retaining walls. (100m x £200/m)	Item		£23,795.20	
	Provisional Sum for Asphalt Finish adjacent Footpath/Road. (1000m2 x £20/m2)	Item		£23,795.20	
	Provisional Sum for Bollards. (21no. x £500/m2)	Item		£12,492.48	
	Provisional Sum for Landscaping.	Item		£11,897.60	
Murrayfield Tramstop Retaining Walls W18 - Page 1					£0.00
Contractor's Other Charges					
<p>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</p>					
Murrayfield Tramstop Retaining Walls W18 - Page 2					£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	Ready to start detector	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	Points indicator Right turn	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 2A - 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		£0.00	
004	Point indicators	nr		£0.00	
005	Signals including post and foundation. Heads to be LED	nr		£0.00	
006	Points indicator Right 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	

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C	SUPERVISORY AND CONTROL SYSTEMS				
	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 5C - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C	SUPERVISORY AND CONTROL SYSTEMS				
	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 7A - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C	SUPERVISORY AND CONTROL SYSTEMS				
C1	SUPERVISORY AND CONTROL SYSTEMS				
C1(2)	SCADA				
001	Tramstop SCADA interface incl indications as follows PLC,UPS,Power Supply status, Lighting supply status, Cubicle alarms, Vending machine status. Housed within tramstop cubicle	nr		£0.00	
002	Testing and Commissioning	sum		£0.00	
003	PCC SCADA interface incl indications as follows PLC, UPS, Points heating, Temperature and moisture, power supply status and cubicle alarm	nr		£0.00	
004	Testing and Commissioning	sum		£0.00	
005	Substation SCADA interface incl indications as follows Switchgear control and status, trip alarms, non trip alarms, analogue indications (eg corrosion monitoring)	nr		£0.00	
006	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				

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C	SUPERVISORY AND CONTROL SYSTEMS				
C1	SUPERVISORY AND CONTROL SYSTEMS				
C1(2)	SCADA				
001	Tramstop SCADA interface incl indications as follows PLC,UPS,Power Supply status, Lighting supply status, Cubicle alarms, Vending machine status. Housed within tramstop cubicle	nr		£0.00	
002	Testing and Commissioning	sum		£0.00	
003	PCC SCADA interface incl indications as follows PLC, UPS, Points heating, Temperature and moisture, power supply status and cubicle alarm	nr		£0.00	
004	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(2) - Sub-Section 5C - 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		£693.93	
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		£1,387.86	
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		£210.67	
C3 - Haymarket 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		£35.90	
004	Data cable link from TVM to comms node (50m per display unit assumed)	nr		£35.90	
C3(6)	Advertising Panels				
001	Advertising Panels - single sided, including foundations - not electronic.	nr		£210.67	
002	Information Panels - double sided, including foundations - not electronic	nr		£210.67	
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		£1,628.35	
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 - Haymarket 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		£693.93	
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		£1,387.86	
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		£210.67	
C3 - Murrayfield 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 - Balgreen 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		£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 - Balgreen 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		£676.29	
C3 - Saughton Road North 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				
	Provisional Sum for above	sum		£0.00	
C3 - Saughton Road North 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 - South Gyle Access 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				
	Provisional Sum for above	sum		£0.00	
C3 - South Gyle Access 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	
Edinburgh Park Stop 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				
	Provisional Sum for above	sum		£0.00	
C3 - Edinburgh Park Stop 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 - Edinburgh Park 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				
	Provisional Sum for above	sum		£0.00	
C3 - Edinburgh Park 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 P+P	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 - The Gyle 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				
	Provisional Sum for above	sum		£0.00	
C3 - The Gyle Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
	Tramstop Equipment				
	C3(1)				
	CCTV				
	image quality to secure convictions				
11	Camera's	nr		£0.00	
12	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
13	Vandal resistant CCTV dome type housings	nr		£0.00	
14	CCTV signage next to PHP	nr		£0.00	
	C3(2)				
	Passenger Help Point				
15	Passenger Help Point mounted on Shelter	nr		£0.00	
16	No break power supply	Item		£0.00	
17	Vandal proof locking mechanism	nr		£0.00	
18	Emergency Call point	nr		£0.00	
19	Braille point	nr		£0.00	
	C3(3)				
	Public Address				
20	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
21	Induction loop system (1 per location)	nr		£0.00	
22	interface to the tramstop node	nr		£0.00	
	C3(4)				
	Passenger information Display				
23	Passenger information display - double sided	nr		£0.00	
24	Mounting brackets	nr		£0.00	
25	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
26	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
	C3(5)				
	Ticket Vending Machine				
27	Ticket Vending Machine	nr		£0.00	

BBS Consortium
 Bilfinger Berger - Siemens

C3 - Gogar Burn
 Section A

C3 - Gogar Burn
 Section A

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
28	Base for ticket vending machine	nr		£1,246.75	
C3 - Gogar Burn Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
1	Power cable from TVM back to Equipment Cabinet (50 m per display unit assumed)	nr		£0.00	
2	Data cable link from TVM to comms node (50m per display unit assumed)	nr		£0.00	
	C3(6)				
	Advertising Panels				
3	Advertising Panels - single sided, including foundations - not electronic.	nr		£2,297.77	
4	Information Panels - double sided, including foundations - not electronic *** (Foundations only)***	nr		£2,297.77	
5	Information Panels - single sided, including foundations - not electronic *** (Foundations only)***	nr			
6	Information panels - small and single sided within shelters - fixed to shelters *** (Foundations only)***	nr		£2,297.77	
	C3(7)				
	Wayside Equipment Cabinets				
7	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	
8	Foundations to Wayside Equipment Cabinet	Item		£1,330.94	
	C3(8)				
	Testing and Commissioning				
9	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
10	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 else	Sum		£0.00	
C3 - Gogar Burn Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
	Tramstop Equipment				
	C3(1)				
	CCTV				
	image quality to secure convictions				
11	Camera's	nr		£0.00	
12	Mounting Brackets for mounting on Lamp Column or PA Column.	nr		£0.00	
13	Vandal resistant CCTV dome type housings	nr		£0.00	
14	CCTV signage next to PHp	nr		£0.00	
15	Additional Cameras mounted on PA poles in park and ride area	nr		£0.00	
	C3(2)				
	Passenger Help Point				
16	Passenger Help Point mounted on Shelter	nr		£0.00	
17	No break power supply	Item		£0.00	
18	Vandal proof locking mechanism	nr		£0.00	
19	Emergency Call point	nr		£0.00	
20	Braille point	nr		£0.00	
	C3(3)				
	Public Address				
21	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
	Additional columns at park and ride for Speaker support - to include foundations				
22	***Foundations only***	nr		£339.97	
23	Induction loop system (1 per location)	nr		£0.00	
24	Interface to the tramstop node	nr		£0.00	
	C3(4)				
	Passenger Information Display				
25	Passenger information display - double sided	nr		£0.00	
26	Mounting brackets	nr		£0.00	
27	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
28	Data cable link from PID to comms node (50m per display unit assumed)	m		£0.00	
C3 - Ingliston Park & Ride Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
	C3(5)				
	Ticket Vending Machine				
1	Ticket Vending Machine	nr		£0.00	
2	Base for ticket vending machine ***(Foundations only)***	nr		£1,246.75	
3	Power cable from TVM back to Equipment Cabinet (50 m per display unit assumed)	nr		£0.00	
4	Data cable link from TVM to comms node (50m per display unit assumed)	nr		£0.00	
	C3(6)				
	Advertising Panels				
5	Advertising Panels - single sided, including foundations - not electronic. ***(Foundations only)***	nr		£2,297.77	
6	Information Panels - double sided, including foundations - not electronic ***(Foundations only)***	nr		£2,297.77	
7	Information Panels - single sided, including foundations - not electronic ***(Foundations only)***	nr			
8	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
	C3(7)				
	Wayside Equipment Cabinets				
9	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	
10	Foundations to Wayside Equipment Cabinet	Item		£1,330.94	
	C3(8)				
	Testing and Commissioning				
11	testing and commissioning of all Tramstop Equipment	sum		£0.00	
C3 - Ingliston Park & Ride Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
	Contractor's Other Charges				
1	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 else	note		£0.00	
C3 - Ingliston Park & Ride Tramstop - Page 3					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
	Tramstop Equipment				
	C3(1)				
	CCTV				
	Image quality to secure convictions				
2	Camera's	nr		£0.00	
3	Mounting Brackets for mounting on Lamp Column.	nr		£0.00	
4	Vandal resistant CCTV dome type housings	nr		£0.00	
5	CCTV signage next to PHp	nr		£0.00	
	C3(2)				
	Passenger Help Point				
6	Passenger Help Point mounted on Shelter	nr		£0.00	
7	No break power supply	Item		£0.00	
8	Vandal proof locking mechanism	nr		£0.00	
9	Emergency Call point	nr		£0.00	
10	Braille point	nr		£0.00	
	C3(3)				
	Public Address				
11	Public Address mounted on Lamp Column includes all mounting brackets and wiring back to Stop Equipment Box.	nr		£0.00	
12	Induction loop system (1 per location)	nr		£0.00	
13	Interface to the tramstop node	nr		£0.00	
	C3(4)				
	Passenger Information Display				
14	Passenger information display - double sided	nr		£0.00	
15	Mounting brackets	nr		£0.00	
16	Power cable (230V, 50Hz) from tramstop distribution board to display unit (50 m per display unit assumed)	m		£0.00	
17	Data cable link from PiD to comms node (50m per display unit assumed)	m		£0.00	
	C3(5)				
	Ticket Vending Machine				
18	Ticket Vending Machine	nr		£0.00	
19	Base for ticket vending machine	nr		£1,246.75	
C3 - Airport Tramstop - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C3	TRAMSTOP EQUIPMENT				
1	Power cable from TVM back to Equipment Cabinet (50 m per display unit assumed)	nr		£0.00	
2	Data cable link from TVM to comms node (50m per display unit assumed)	nr		£0.00	
3	Passive provision for additional TVM	Item		£0.00	
	C3(6)				
	Advertising Panels				
4	Advertising Panels - single sided, including foundations - not electronic. *** Foundations Only***	nr			
5	Information Panels - double sided, including foundations - not electronic *** Foundations Only***	nr		£2,297.77	
6	Information Panels - single sided, including foundations - not electronic *** Foundations Only***	nr			
7	Information panels - small and single sided within shelters - fixed to shelters	nr		£0.00	
	C3(7)				
	Wayside Equipment Cabinets				
8	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	
9	Foundations to Wayside Equipment Cabinet	Item		£1,330.94	
	C3(8)				
	Testing and Commissioning				
10	testing and commissioning of all Tramstop Equipment	sum		£0.00	
	Contractor's Other Charges				
11	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 else	note			
C3 - Airport Tramstop - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
C4	DEPOT EQUIPMENT				
C4	DEPOT EQUIPMENT				
C4(3)	DEPOT EQUIPMENT ROOM				
001	Pressure ventilated room, anti static floor, temp controlled, fire resistant, sound proof with secure entry with alarm (Extra over cost of Depot Construction)	nr		£0.00	
002	Testing and Commissioning	sum		£0.00	
	Main Equipment servers housed in lockable cabinets (IP34) in this room :				
003	TPDS (Cubicle 1)	nr		£0.00	
004	PID	nr		£0.00	
005	PABX (Cubicle 2)	nr		£0.00	
006	PA	nr		£0.00	
007	ORS (Cubicle 2)	nr		£0.00	
008	PHP System	nr		£0.00	
009	CCTV	nr		£0.00	
010	SCADA (Cubicle 3)	nr		£0.00	
011	ODN depot node (Cubicle 2)	nr		£0.00	
012	Central data and voice recorder (Cubicle 4 to 7)	nr		£0.00	
013	System Master clock	nr		£0.00	
014	Security and access controller	nr		£0.00	
015	Local printers and media writers	nr		£0.00	
016	Local terminals (workstations)	nr		£0.00	
017	Cable terminations, isolation and management systems	nr		£0.00	
018	Network Servers (Cubicle 1)	nr		£0.00	
019	Performance monitoring system	nr		£0.00	
020	Security and access controller	nr		£0.00	
021	Tram Management System	nr		£0.00	
022	TVM server	nr		£0.00	
023	Monitor Matrix display Driver (Cubicle 2)	nr		£0.00	
024	Automatic back up facilities	nr		£0.00	
025	Equipment cubicles housing 19" rack mounts	nr		£0.00	
026	Desks	nr		£0.00	
C4(3) - Depot Equipment Room - Page 1					£0.00

BBS Consortium
Bilfinger Berger - Siemens

D1 - Haymarket Terrace
Section A

D1 - Haymarket Terrace
Section A

Item Code	DESCRIPTION	UNIT	QTY	Manufacture £	Works Test £	Ex Works £	Installation £	Testing & Commissioning £	Unit Rate	TOTAL £
D	E&P									
D1	Traction Power - Haymarket Terrace Substation									
D1(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 - Haymarket Terrace Substation - Page 1										£0.00

Item Code	DESCRIPTION	UNIT	QTY	Manufacture £	Works Test £	Ex Works £	Installation £	Testing & Commissioning £	Unit Rate	TOTAL £
D	E&P									
D1	Traction Power - Russell Road TPH Substation									
D1(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	
										£0.00

D1 - Russell Road TPH Substation - Page 1

Item Code	DESCRIPTION	UNIT	QTY	Manufacture £	Works Test £	Ex Works £	Installation £	Testing & Commissioning £	Unit Rate	TOTAL £
D	E&P									
D1	Traction Power - Bankhead Drive Substation									
D1(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	
D1 - Bankhead Drive Substation - Page 1										£0.00

Item Code	DESCRIPTION	UNIT	QTY	Manufacture £	Works Test £	Ex Works £	Installation £	Testing & Commissioning £	Unit Rate	TOTAL
										£
D	E&P									
D1	Traction Power - Jenner's Depository Substation									
D1(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	
										£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
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	
002	Balance weight anchors - complete	nr		£0.00	
D2(1)4	Insulators				
	Support/Registration Assemblies				
001	Registrations	nr		£0.00	
D2(1)5	Wiring				
	Composite				
001	120mm2 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	
D2(1)9	Signage				
001	Structure Number Plates	nr		£0.00	
001	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 2A - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
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				
001	Headspan Structure (pole to Pole)	nr		£3,662.72	
002	Extra Over for Collision Barriers	nr		£0.00	
003	Extra over piled foundations - (PROVISIONAL SUM)	nr		£5,948.80	
D2(1)2	Cantilevers and Cantilever Structures				
	Composite (all structures are priced to include for standard concrete foundations, including				
001	Two Track Cantilever Structure - complete	nr		£3,662.72	
002	Single and TWIN Back to Back (ie 3 cantilevers) with anchors	nr		£3,662.72	
003	Single Cantilevers (Back to Back)	nr		£3,662.72	
004	Single Cantilevers (Back to Back) with anchors	nr		£3,662.72	
005	Twin Cantilever (single mast /2 cantilevers)	nr		£3,662.72	
006	Cantilevers - Pull/Push Off	nr		£0.00	
007	Cantilevers - Pull/Push Off	nr		£0.00	
008	Extra Over for Collision Barriers	nr		£0.00	
009	Extra over piled foundations - (PROVISIONAL SUM)	nr		£5,948.80	
D2(1)3	Wiring/Registration				
	Tensioning Equipment - Anchors include for masts, ties, anchor plate and standard				
001	Mid Point Anchors - complete (4 tie wires per mid point)	nr		£0.00	
002	Balance weight anchors - complete	nr		£0.00	
D2(1) - OHLE - Sub-Section 5A - Page 2					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
D2(1)4	Insulators				
	Support/Registration Assemblies				
001	Registrations	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	
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 5A - 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)2	Cantilevers and Cantilever Structures				
	Composite (all structures are priced to include for standard concrete foundations, including excavation and disposal costs)				
001	Single and TWIN Back to Back (ie 3 cantilevers) with anchors	nr		£2,933.52	
002	Single Cantilevers (Back to Back)	nr		£488.92	
003	Single Cantilevers (Back to Back) with anchors	nr		£977.84	
004	Twin Cantilever (single mast /2 cantilevers)	nr		£488.92	
005	Cantilevers - Pull/Push Off	nr		£113.99	
006	Extra Over for Collision Barriers	nr		£216.20	
007	Extra over piled foundations	nr		£512.13	
D2(1)3	Wiring/Registration				
	Tensioning Equipment - Anchors include for masts, ties, anchor plate and standard foundation				
001	Mid Point Anchors - complete (4 tie wires per mid point)	nr		£0.00	
002	Auto termination (fixed end)) - complete	nr		£0.00	
003	Balance weight 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 5B - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
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				
	Isolator Switches	nr		£0.00	
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	
	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				
D2(1) - OHLE - Sub-Section 5B - 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 (pole to Pole)	nr		£0.00	
002	Pull off (wall mount)	nr		£0.00	
003	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		£488.92	
002	Two track cantilever (wall mounted)	nr		£488.92	
003	Single and TWIN Back to Back (ie 3 cantilevers) with anchors	nr		£2,933.52	
004	Under Bridge Arms	nr		£89.38	
005	Single Cantilevers (Back to Back)	nr		£488.92	
006	Single Cantilevers (Back to Back) with anchors	nr		£977.84	
007	Twin Cantilever (single mast /2 cantilevers)	nr		£488.92	
008	Cantilevers - Pull/Push Off	nr		£113.99	
009	Cantilevers - Pull/Push Off with anchors	nr		£227.97	
010	Extra Over for Collision Barriers	nr		£216.20	
011	Extra over piled foundations	nr		£512.13	
D2(1)3	Wiring/Registration				
	Tensioning Equipment - Anchors include for masts, ties, anchor plate and standard foundation				
001	Mid Point Anchors - complete (4 tie wires per mid point)	nr		£0.00	
002	Auto termination (fixed end)) - complete	nr		£0.00	
003	Balance weight anchors - complete	nr		£0.00	
D2(1) - OHLE - Sub-Section 5C - Page 1					£0.00

Item Code	DESCRIPTION	UNIT	QTY	Unit Rate	TOTAL £
D	E&P				
D2(1)4	Insulators				
	Support/Registration Assemblies				
001	Registrations	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	
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 5C - 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	Plain Masts - complete (SSA = Self Supporting Anchor)	nr		£1,155.01	
002	Headspan Structure (pole to Pole)	nr		£0.00	
003	Headspan Structure (pole to Pole) with anchor	nr		£0.00	
004	Extra over piled foundations	nr		£611.47	
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		£611.47	
002	Single and TWIN Back to Back (ie 3 cantilevers)	nr		£3,397.08	
003	Under Bridge Arms/shed supports in depot	nr		£0.00	
004	Single Cantilevers (Back to Back)	nr		£611.47	
005	Single Cantilevers (Back to Back) with anchor	nr		£1,155.01	
006	Twin Cantilever (single mast /2 cantilevers)	nr		£611.47	
007	Twin Cantilever (single mast /2 cantilevers) with anchor	nr		£1,155.01	
008	TWIN Cantilever Back to Back (ie 4 cantilevers, 1 pole)	nr		£611.47	
009	Cantilevers - Pull/Push Off	nr		£611.47	
010	Cantilevers - Pull/Push Off with anchor	nr		£1,155.01	
011	Extra over piled foundations	nr		£611.47	
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 - Section 6 - 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	
D2(1)5	Wiring				
	Composite				
001	120mm2 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	
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 - Section 6 - 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)2	Cantilevers and Cantilever Structures				
	Composite (all structures are priced to include for standard concrete foundations, including excavation and disposal costs)				
001	Single and TWIN Back to Back (ie 3 cantilevers) with anchors	nr		£3,397.08	
002	Single Cantilevers (Back to Back)	nr		£611.47	
003	Single Cantilevers (Back to Back) with anchors	nr		£1,155.01	
004	Twin Cantilever (single mast /2 cantilevers)	nr		£611.47	
005	TWIN Cantilever Back to Back (ie 4 cantilevers, 2 poles)	nr		£883.24	
006	Extra Over for Collision Barriers	nr		£0.00	
007	Extra over piled foundations	nr		£611.47	
D2(1)3	Wiring/Registration				
	Tensioning Equipment - Anchors include for masts, ties, anchor plate and standard foundation				
001	Mid Point Anchors - complete (4 tie wires per mid point)	nr		£0.00	
002	Fixed Terminated Anchors - complete	nr		£0.00	
003	Auto termination (fixed end)) - complete	nr		£0.00	
004	Balance weight anchors - complete	nr		£0.00	
D2(1)4	Insulators				
	Support/Registration Assemblies				
001	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 7A - 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)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	
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	
	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				
D2(1) - OHLE - Sub-Section 7A - Page 2					£0.00

EDINBURGH TRAM NETWORK
ON STREET WORKS : SIEMENS

SCHEDULE PART 4 : RATES FOR VALUING OFF STREET WORKS ESTIMATES TO THE EXTENT
THAT THEY APPLY OFF STREET SYSTEMS AND TRACKWORK

*Euro to GBP conversion to be done at time of issue of the
Change Order where appropriate

Item no	Description	Unit	Siemens Rate	Currency
I M O C T S, Siemens plc (Project Management, TRW, DWE)				
1.001	Project Director (Technical/Commercial)	day	1,281.52	GBP
1.002	Deputy Comm. Project Manager	day	804.25	GBP
1.003	Financial & Commercial Manager	day	523.44	GBP
1.004	Contract Manager (external)	day	824.60	GBP
1.005	System Engineering Support (external)	day	824.60	GBP
1.006	Time Scheduler (external)	day	482.74	GBP
1.007	Change Manager	day	990.82	GBP
1.008	Senior Systems Engineer	day	780.09	GBP
1.009	Installation Manager	day	547.89	GBP
1.010	Installation Manager Support	day	334.62	GBP
1.011	Senior TRW Manager	day	1,168.43	GBP
1.012	Senior TRW Comm. Manager	day	990.87	GBP
1.013	Senior TRW Contract Manager (external)	day	1,002.11	GBP
1.014	TRW Engineer (external)	day	265.70	GBP
1.015	Quantity TRW Surveyor (external)	day	708.97	GBP
1.016	Senior TRW Field Supervisor	day	907.06	GBP
1.017	Junior TRW Field Supervisor	day	629.90	GBP
1.018	Logistic Manager	day	212.48	GBP
1.019	Safety, Health & Environment Eng.	day	478.35	GBP
1.020	Quality Manager	day	420.56	GBP
1.021	RAMS Engineer	day	423.05	GBP
1.022	Contract & Change Coordinator (external)	day	114.02	GBP
1.023	Team Assistant Trackwork	day	163.32	GBP
1.024	Testing & Commissioning Engineer	day	614.55	GBP
1.025	Team Administrator	day	189.65	GBP
I M O C T E L, Siemens plc (Electrification)				
1.026	Project Manager	day	542.53	GBP
1.027	Project Engineer	day	581.06	GBP
1.028	Assistant Engineer	day	382.78	GBP
1.029	Project Accountant	day	520.86	GBP
1.030	Project Assistant / Assistant Planner	day	291.94	GBP
I M O R A M I, Siemens plc (Signalling, Communication)				
1.031	Financial & Commercial Manager	day	688.50	GBP
1.032	Project Manager	day	628.22	GBP
1.033	Project Engineering Manager	day	503.42	GBP
1.034	Principle Engineer	day	466.81	GBP
1.035	Senior Engineer	day	345.33	GBP
1.036	Engineer	day	312.53	GBP
1.037	Assistant Engineer	day	207.75	GBP
1.038	Planner	day	348.74	GBP
1.039	Commercial Executive (OS)	day	475.03	GBP
1.040	Installers	day	427.28	GBP
1.041	Project Accountant	day	357.04	GBP
1.042	Project Assistant / Assistant Planner	day	165.82	GBP
1.043	Site Manager	day	464.57	GBP
1.044	Document Control	day	237.89	GBP
1.045	Modern Apprentice	day	165.15	GBP
1.046	Safety, Health & Environment Eng.	day	478.35	GBP
I M O I T S, Siemens plc (Traffic Light Control (TLC))				
1.047	Technician / Installer	day	541.37	GBP
1.048	Design/Field Engineer	day	613.94	GBP
1.049	Supervisor	day	613.94	GBP
1.050	Project Manager	day	921.66	GBP
1.051	Project Administrator / Commercial	day	613.94	GBP
1.052	Accountant	day	652.38	GBP
I M O R S I S, Siemens plc (Maintenance)				
1.053	Financial & Commercial Manager	day	688.50	GBP
1.054	Project Manager	day	628.22	GBP
1.055	Procurement	day	357.04	GBP
I M O C T S, Siemens AG (Germany) (Project Management, Track Work, Depot Equ.)				
1.056	Back Office - Finance	day	960.88	EUR*
1.057	Documentation Manager, Senior	day	960.88	EUR*
1.058	Risk Manager	day	960.88	EUR*
1.059	Site Manager	day	960.88	EUR*
1.060	DWE Project- / RST IF Manager	day	831.03	EUR*
1.061	EMC Manager	day	831.03	EUR*
1.062	Systems Engineer	day	831.03	EUR*

EDINBURGH TRAM NETWORK

ON STREET WORKS : SIEMENS

SCHEDULE PART 4 : RATES FOR VALUING OFF STREET WORKS ESTIMATES TO THE EXTENT THAT THEY APPLY OFF STREET SYSTEMS AND TRACKWORK

*Euro to GBP conversion to be done at time of issue of the Change Order where appropriate

Item no	Description	Unit	Siemens Rate	Currency
I MO CT EL, Siemens AG (Germany) (Electrification)				
1.063	REL Commercial manager	day	960.88	EUR*
1.064	OLE Project Manager	day	960.88	EUR*
1.065	Chief / Senior Engineer	day	831.03	EUR*
1.066	Engineer	day	831.03	EUR*
1.067	Engineering Support	day	831.03	EUR*
1.068	Commercial Administration	day	761.78	EUR*
1.069	Logistics - offshore	day	761.78	EUR*
1.070	Team Assistant - offshore	day	761.78	EUR*
I MO RA MT, Siemens AG (Germany) (Signalling, Communication)				
1.071	Senior Project Manager	day	1,012.82	EUR*
1.072	Signalling Comm. & Contr. Manager	day	1,012.82	EUR*
1.073	Senior Project Eng. & Supervisor	day	1,012.82	EUR*
1.074	Project Manager Interlocking	day	1,012.82	EUR*
1.075	Quality Manager	day	1,012.82	EUR*
1.076	Systems Engineer	day	1,012.82	EUR*
1.077	Team Assistant	day	1,012.82	EUR*
BAM (3rd Party, Trackwork)				
1.078	Trackworker (Mon-Fri)	day	163.10	GBP
1.079	Trackworker (Mon-Fri) OT	day	186.43	GBP
1.080	Trackworker (weekend)	day	244.69	GBP
1.081	Supervisor/Ganger (Mon-Fri)	day	215.49	GBP
1.082	Supervisor/Ganger (Mon-Fri) OT	day	247.65	GBP
1.083	Supervisor/Ganger (weekend)	day	323.37	GBP
1.084	Welding teamrate (Mon-Fri)	day	1,167.47	GBP
1.085	Surveyor (Mon-Fri)	day	259.99	GBP
1.086	Slinger (for work & travel)	day	205.58	GBP
1.087	Crane Controller	day	163.10	GBP
1.088	RRV Driver	day	302.27	GBP
1.089	JCB Driver	day	302.27	GBP
1.090	Forklift Driver	day	265.99	GBP
Border Rail & Plant (3rd Party, OLE)				
1.091	Project Manager	day	754.89	GBP
1.092	Overhead Line Engineer	day	543.52	GBP
1.093	Construction Manager	day	543.52	GBP
1.094	Supervisor	day	398.58	GBP
1.095	Lineman senior (LE1)	day	301.96	GBP
1.096	Lineman junior (LE2)	day	231.50	GBP
1.097	Labourer/Driver	day	221.94	GBP
1.098	Machine/Crane Controller	day	301.96	GBP
1.099	Fitter	day	402.61	GBP

EDINBURGH TRAM NETWORK
ON STREET WORKS : SIEMENS

*Euro to GBP conversion to be done at time of issue of the
Change Order where appropriate

SCHEDULE PART 4 : RATES FOR VALUING OFF STREET WORKS ESTIMATES TO THE EXTENT
THAT THEY APPLY OFF STREET SYSTEMS AND TRACKWORK

Item no	Description	Unit	Siemens Rate	Currency	Execution By
	Siemens Installation, Material, Plant, etc.				
2.001	REL-OLE OLE poles / building fixings (including cantilever, counter-weights, backstay, ..., excluding contact wires)	nr	2,298.38	GBP	Border Rail
2.002	REL-OLE OLE Contact-Wire (OLE pole to OLE pole) (including feeding, excluding TPS)	nr	3,447.56	GBP	Border Rail
2.003	REL-TPS Substation transformers and Traktion-Power cables between substations?	nr	261,623.50	GBP	REL
2.004	REL-OLE Standard OLE pole (including cantilever, delivery)	nr	9,383.43	GBP	REL
2.005	REL-OLE Combined OLE pole (including cantilever, delivery)	nr	9,925.82	GBP	REL
2.006	REL-OLE Building Fixing (including span wire)	nr	813.59	GBP	REL
2.007	REL-OLE Pick up, vehicle	day	171.83	GBP	Border Rail
2.008	REL-OLE Rail/Road Vehicle RRV, Unimog	day	492.58	GBP	Border Rail
2.009	REL-OLE Trailer	day	114.55	GBP	Border Rail
2.010	REL-OLE Scaffold	day	114.55	GBP	Border Rail
2.011	REL-OLE Rubber Tyre MEW P	day	114.55	GBP	Border Rail
2.012	REL-OLE Permaquip	day	171.83	GBP	Border Rail
2.013	REL-OLE Drum Carrier	day	286.38	GBP	Border Rail
2.014	RA-COM/SCA RRV / MEW P transport	trip	930.75	GBP	Border Rail
2.015	RA-COM/SCA Tramstop (including PID, PA, PHP, CCTV, TVM, Validator)	nr	119,801.43	GBP	RA-COM/SCA
2.016	TRW Substation	nr	18,551.03	GBP	RA-COM/SCA
2.017	TRW Track-Weld	nr	140.34	GBP	BAM
2.018	TRW Manpower / Plant mobilisation costs if less than 3 days continuous work per team is available in any one week	nr	350.26	GBP	BAM
2.019	TRW BAM RRV	day	684.43	GBP	BAM
2.020	TRW Forklift	wk	572.39	GBP	BAM
2.021	TRW JCB	hr	63.97	GBP	BAM
2.022	TRW JCB OT	hr	84.03	GBP	BAM
2.023	TRW Truck with HIAB (for work & for travel)	hr	123.13	GBP	BAM
2.024	TRW Toolcontainer (incl. tools + Office container)	week	2,865.20	GBP	BAM
2.025	TRW DR Security	mtl	7,302.80	GBP	DR Security
2.026	TRW Other running & construction costs	mtl	8,352.88	GBP	TRW

EDINBURGH TRAM NETWORK

ON STREET WORKS : SIEMENS

SCHEDULE PART 4 : RATES FOR VALUING OFF STREET WORKS ESTIMATES TO THE EXTENT THAT THEY APPLY OFF STREET SYSTEMS AND TRACKWORK

*Euro to GBP conversion to be done at time of issue of the Change Order where appropriate

Item no	Description	Unit	Siemens Rate	Currency
	Siemens Traffic Light Control Material			
3.001	ST900 ELV Cabinet UK 20A Single LSL5 - Grey	nr	2,124.67	GBP
3.002	ST900 ELV Cabinet UK 40A Single LSL5 - Grey	nr	2,582.88	GBP
3.003	ELV Lamp switch (LSLS) kit	nr	268.78	GBP
3.004	ELV Lamp switch (LSLS) backplane kit	nr	97.78	GBP
3.005	ST900 I/O card kit (16 outputs)	nr	147.90	GBP
3.006	ST900 Intelligent detector backplane kit	nr	114.91	GBP
3.007	ST900 ELV 24 V detector supply Kit (6A)	nr	47.45	GBP
3.008	ELV Audible supply kit	nr	92.98	GBP
3.009	ST750 ELV UK SINGLE PED IN ST900 CAB-GREY	nr	1,668.59	GBP
3.010	ST750 ELV UK DUAL PED IN ST900 CAB-GREY	nr	1,876.25	GBP
3.011	Screw Lock Key	nr	4.65	GBP
3.012	ST900 Miscellaneous Cabinet	nr	910.60	GBP
3.013	ST4S Detector	nr	86.01	GBP
3.014	19" Detector Rack	nr	44.52	GBP
3.015	AGD 200 VEHICLE DETECTOR - UK Applications	nr	274.89	GBP
3.016	AGD305-500-000 - 24v Single Lane Traffic Detector Livewire version	nr	494.20	GBP
3.017	AGD 605-500-000 - Digital Vision VEHICLE Presence/Stopline Detector	nr	1,074.53	GBP
3.018	AGD220-200-000 - 24v Pedestrian On Crossing (TR2179)	nr	379.83	GBP
3.019	AGD625-201-000 - Digital Vision Pedestrian Detector (TR2182) Livewire Version (Kerbside)	nr	807.98	GBP
3.020	4.32 metre FORMED Cranked Galvanised Grey "Abcite" to RAL7037 SLOTLESS	nr	236.44	GBP
3.021	4.0 metre Grey Galvanised + Plastic Coated SLOTLESS	nr	106.54	GBP
3.022	2.0 metre Short Pole Galvanised Grey Welded Cap SLOTLESS	nr	97.12	GBP
3.023	6.0 metre wide Based pole	nr	268.02	GBP
3.024	NAL Socket for wide based pole	nr	511.77	GBP
3.025	Pole Top Cap Assembly ELONGATED (Grey)	nr	30.73	GBP
3.026	Standard ELV RAG (Red Amber Green)	nr	477.80	GBP
3.027	Extra Over Standard RAG for Arrow Mask on Green Aspect	nr	1.75	GBP
3.028	Extra Over Standard RAG for Side Mounted Green Arrow	nr	143.63	GBP
3.029	Extra Over Standard RAG for 4 in Line Mounted Green Arrow	nr	155.90	GBP
3.030	Extra Over Standard RAG for Side Mounted Regulatory Sign (e.g. No Left Turn)	nr	147.99	GBP
3.031	Extra Over Standard RAG for 4 in Line Mounted Regulatory Sign (e.g. No Left Turn)	nr	154.80	GBP
3.032	ELV Pedestrian Head (Red Man / Green Man)	nr	368.96	GBP
3.033	ELV Toucan Head (Red Man / Green Man/ Cycle Sign)	nr	586.37	GBP
3.034	Bracket to Pole Mounting Kit	nr	3.03	GBP
3.035	Software kit of parts for pushbuttons (included in 37 Below)	nr	-	GBP
3.036	Adjustable Audio Kit for Pushbuttons	nr	20.94	GBP
3.037	Pedestrian / Pelican or Toucan Pushbutton Unit without Audible/No lamp monitoring (Mechanical)	nr	170.45	GBP
3.038	ELV - Puffin COMBINED NSS & Demand Unit 48V - Standard Optics Vandal Resist (moving) PB -	nr	784.53	GBP
3.039	ELV - Toucan COMBINED NSS & Demand Unit 48V - Standard Optics Vandal Resist (moving) PB -	nr	866.28	GBP
3.040	Pedestrian ELV Demand Unit vandal resistant button (moving) - AGD941-630-000	nr	224.91	GBP
3.041	AGD High Level Puffin Repeater	nr	633.05	GBP
3.042	RADIX CU/TU100 (48V) Tactile Unit - ELV	nr	133.28	GBP
3.043	RADIX CU/TU100 (48V) Tactile Unit - (ELV FAR SIDE)	nr	166.59	GBP
3.044	Solar Cell Kit of Parts (ELV 24 volt)	nr	34.16	GBP
3.045	300mm Extension Bracket	nr	152.81	GBP
3.046	TCSU Specification Pillar (Tofco)	nr	364.85	GBP
3.047	2 Pair Armoured Cable 1/1.38mm (1.5mm ²)	nr	1.33	GBP
3.048	12 Core Signal Cable 1/1.38mm (1.5 mm ²)	nr	3.07	GBP
3.049	20 Core Signal Cable 1/1.38mm (1.5 mm ²)	nr	4.56	GBP
3.050	Mains Feeder Cable 3 core 6mm ²	nr	2.39	GBP
3.051	NLT (Graphic) + Door (Included in Item 26 or 27)	nr	-	GBP
3.052	NRT (Graphic) + Door (Included in Item 26 or 27)	nr	-	GBP
3.053	ELV Single Body Side Mounted (Reg Sign) No Door LED (Included in Item 22)	nr	-	GBP
3.054	Red LED Optic (less body) (Included in Item 22)	nr	-	GBP
3.055	Amber LED Optic (less body) (Included in Item 22)	nr	-	GBP
3.056	Green Ped LED Optic (less body) (Included in Item 22)	nr	-	GBP
3.057	Primary Hoods (Included in Item 22)	nr	-	GBP
3.058	Secondary Hoods (Included in Item 22)	nr	-	GBP
3.059	3 in line boards standard (Included in item 22)	nr	-	GBP
3.060	RAG LED (Complete Assy) without hoods or backing boards (Included in Item 22)	nr	-	GBP
3.061	RAGA LED (Ahead Only) without hoods or backing boards (Included in Item 22)	nr	-	GBP
3.062	RAGA LED (L or R) without hoods or backing boards (Included in Item 22)	nr	-	GBP
3.063	PED LED (Complete Assy) without hoods or backing boards (Included in Item 22)	nr	-	GBP
3.064	3 Aspect body + brackets (without hoods or backing boards) (Included in Item 22)	nr	-	GBP
	Subcontract			
3.065	Anti Graffiti	nr	305.10	GBP
3.066	Traffic Loop Cutting (per Quote)			
3.067	Gantry Pole	nr	34,525.43	GBP
	Other Items			
3.068	Tram Signal Head	nr	3,254.37	GBP
3.069	NAL Sockets	nr	256.55	GBP
3.070	Design Services			
3.071	Supply UTMG O.T.U.	nr	5,038.85	GBP

Note : From 1 October 2014 and annually thereafter, each of the rates and prices for Systems and Trackwork set out in this Part 2 of Appendix C shall be substituted by the relevant rates and prices multiplied by the value of RPIX for the immediately preceding June that year, divided by the RPIX for January 2013

Edinburgh Tram Network
 Schedule Part 4 : Schedule of rates for Systems & Trackwork prolongation (site related overheads and other preliminaries)

	per week (5 working days) costs	last activity in Progr. Rev 3a (28-Jun-11)	
		Activity ID	End Date
STS UK Turnkey			
Overall Project Management	£64,072.21	335	20/05/2014
Track Work PM	£15,141.27	1C-17-TRCK-120	13/09/2013
Track Work Site Running Costs	£3,280.00	1C-17-TRCK-120	13/09/2013
Depot and Workshop Equipment	£5,519.57	6A-01-BLDS-81	18/10/2011
Infrastructure, Insurance, Bonds, Guarantees	£17,669.95	335	20/05/2014
Extendend defects liability	£18,025.92	335	20/05/2014
Subcontracts			
Rail Automation UK			
sub-system specific extended PM	£9,775.95	1D-15/16-TELC-60	17/11/2013
Electrification UK			
sub-system specific extended PM	£8,848.17	1C-17/18/19-OHLE-60	21/11/2013
Traffic Solutions UK			
sub-system specific extended PM	£5,760.85	1C-17K-JNCS-80	27/11/2013
Siemens AG (Germany)			
Rail Automation	£23,834.44	1D-14-SIGN-80	17/10/2013
Railway Electrification	£9,535.85	1C-17/18/19-OHLE-60	21/11/2013
Depot and Workshop Equipment PM	£5,519.57	6A-01-BLDS-81	18/10/2011
Overall Project Management	£11,618.25	335	20/05/2014
BAM			
	£71,112.00	1C-17-TRCK-120	13/09/2013

BBS Consortium
 Bilfinger Berger - Siemens

Note : From 1 October 2014 and annually thereafter, each of the rates and prices for Systems and Trackwork set out in this Schedule Part 4 shall be substituted by the relevant rates and prices multiplied by the value of RPIX for the immediately preceding June that year, divided by the RPIX for January 2013

Section of Works	Description of Works	Contractor	DELAY INFORMATION			Weekly Rate	Total
			To Start (Wks)	To Finish (Wks)	Overall		
BILFINGER BERGER CIVIL UK LIMITED							
Edinburgh Park Office	BB - Site Prelims cost	Bilfinger Berger	-	-	-	117,586.00	-
2A / 5A (partly)	Haymarket to Murrayfield Underpass	Bilfinger Berger	-	-	-	22,273.00	-
5	Section 5 overall	Bilfinger Berger	-	-	-	39,560.00	-
7A / 5C (partly)	Depot to Edinburgh Airport	Bilfinger Berger	-	-	-	10,243.00	-
SUBCONTRACTORS							
2A / 5A (partly)	Haymarket to Murrayfield Underpass	John Graham (Dromore) Ltd	-	-	-	82,633.00	-
5 (Structures)	All Structures (only)	Expanded	-	-	-	81,390.90	-
5 (Civil)	All Other works (excl. structures)	Other Sub-Contractors	-	-	-	22,121.00	-
7A / 5C (partly)	Depot to Edinburgh Airport	Farrans Ltd	-	-	-	26,416.90	-
Off Street	Traffic Management	Class One	-	-	-	23,546.70	-
Grand Total							-

APPENDIX B

PROCESS FOR AGREEMENT OF VALUE OF TIE CHANGES (other than On Street Works tie Changes)

tie Changes

1. The valuation of any tie Change to which Clause 80 applies shall be made in accordance with Clause 80.6.
2. Where Clause 80.6.4 applies and to the extent that they apply to a tie Change then the valuation shall be on the basis of actual cost or estimated actual cost of resources and labour employed thereon.
3. Infraco shall apply the following head office overheads and profit percentages to any amount calculated in accordance with:
 - 3.1 Clauses 80.6.1, 80.6.2, 80.6.3 and 80.6.4 where such amounts apply to Systems and Trackworks; and
 - 3.2 Clause 80.6.4 where such amounts apply to Civil Engineering Works,
as follows:
 - 3.3 Civil Engineering Works including any SDS Design Fees 10%
 - 3.4 Systems and Track Works 17%
4. Infraco shall apply the following Site related overheads percentages to any amount calculated in accordance with Clauses 80.6.1, 80.6.2, 80.6.3 and 80.6.4 as follows:
 - 4.1 7.4% to cover the consortium preliminaries.
 - 4.2 17.5% of any Civil Engineering Works to cover any other Civil Engineering works preliminaries with regard to any tie Change to which this Appendix B applies, provided that this calculation shall in no case apply to claims for preliminaries arising from extensions of time or delay.
5. **Prolongation**
 - 5.1 Preliminaries for Civil Engineering Works arising from extensions of time or delay shall be calculated by applying the rates and prices set out in Appendix A.
 - 5.2 The head office overheads and profit percentage for Civil Engineering Works set out in paragraph 3.2 above shall be applied to the preliminaries calculated in accordance with paragraph 5.1.
 - 5.3 Prolongation costs (including site related overheads and any other preliminaries) for Systems and Trackwork shall be calculated by applying the rates and prices set out at Appendix A.
 - 5.4 In respect of the valuation of prolongation costs relating to Systems and Trackwork, 17% shall be added to the sums calculated in accordance with paragraph 5.3 in respect of head office overheads and profit.

6. The amount of the overheads and profit percentage calculated as part of the valuation of tie Changes shall be added in the case where the valuation results in an addition and shall be deducted where the valuation results in an omission.
7. Where paragraph 2 above is the basis of the valuation of tie Changes then the following items shall not be included as actual costs under the Infraco Contract.
 1. Costs not justified by the Infraco's accounts and records.
 2. Costs not payable under the Infraco Contract.
 3. Costs arising from the Infraco's Design errors.
 4. Costs arising in respect of loss or damage except as provided for under the Agreement.
 5. Costs which should have not been paid to a sub-contractor in accordance with the relevant sub-contract.
 6. Costs arising from people who are part of the Head Office Overhead.

APPENDIX C

NETWORK RAIL IMMUNISATION

1. Words defined in Clause 16 or Part 1 of the Schedule shall have the same meaning in this Appendix C to Part 4 of the Schedule. Additionally, for the purposes of this Appendix C;
 - 1.1 "**Immunisation Programme**" shall mean the series of linked tasks, defined in the form of a Gantt chart in the Infraco's schedule of works, to be completed within a predetermined time that when executed to completion will result in NR Immunisation;
 - 1.2 "**Infraco's Immunisation Strategy**" shall mean the defined set of processes documented in the Infraco's NR EMC Strategy Plan; and
 - 1.3 "**NR Immunisation**" shall mean, in so far as indicated in Infraco's Immunisation Strategy as intended to be carried out on the Network, works to mitigate the potential effects to the Railway of electromagnetic interference due to effects of coupled energy or stray current from the operation of the Edinburgh Tram Network traction system.
2. The Infraco has agreed to undertake the NR Immunisation, including management of associated works, programme and approvals together with obligations in relation to the same set out in Clause 16 (*Interface with Network Rail*), subject to Network Rail approving the Infraco Immunisation Strategy in writing before 31 July 2008. In the event that Network Rail have been unable to determine whether or not to approve the Infraco Immunisation Strategy by 31 July 2008 due to material delay on the part of the Infraco in the provision of relevant information reasonably required by Network Rail through **tie**, the deadline for approval specified in this paragraph shall be extended to such later date as the Parties, acting reasonably shall agree.
3. In the event that Network Rail approve the NR Immunisation prior to the deadline referred to in paragraph 2 above:
 - 3.1 Infraco shall procure the delivery of the NR Immunisation;
 - 3.2 subject to any liability in relation to NR Immunisation and associated Possessions being addressed under Clauses 16.72 or 16.73, **tie** shall pay to Infraco 100% of the cost of NR Immunisation subject to a cap for the total cost of such works of £3 million;
 - 3.3. Infraco and **tie** shall jointly to carry out value engineering investigations in respect of NR Immunisation;
 - 3.4 in the event that the actual cost of procuring the NR Immunisation is less than £3 million then **tie** shall (in the case of Infraco, in addition to sums paid or due to be paid under paragraph 3.2) pay one third of the difference between the actual cost and £3 million to both Network Rail and Infraco and be entitled to retain the remaining third of that difference;
 - 3.5 in so far as the cost of NR Immunisation exceeds £3 million, Infraco shall be responsible for 100% of the proportion of that cost in excess of £3 million but not exceeding £3.375 million;
 - 3.6 subject to any liability in relation to NR Immunisation and associated Possessions being addressed under Clauses 16.72 or 16.73, in so far as the cost of NR Immunisation exceeds

£3.375 million but does not exceed £4.125 million, **tie** shall pay Infraco 50% of the proportion of that cost in excess of £3.375 million in addition to all sums due to Infraco pursuant to paragraph 3.2;

- 3.7 subject to any liability in relation to NR Immunisation and associated Possessions (as defined in Clause 16) being addressed under Clauses 16.72 or 16.73, **tie** shall pay Infraco 100% of the cost of NR Immunisation in so far as the cost of such works exceeds £4.125 million.
4. The Infraco Immunisation Strategy is based on the Infraco or its sub-contractors carrying out all the works and supplying all equipment for the NR Immunisation.
5. Network Rail Costs as defined for the purposes of the Asset Protection Agreement shall be excluded in the calculation of the cost of the NR Immunisation for paragraph 3. All such Network Rail Costs shall be borne by **tie**.
6. Delays to NR Immunisation attributable to Network Rail shall be Compensation Events to the extent that such delays are not directly due to Infraco failure to comply with its obligations under this Agreement.
7. The Infraco's liability to **tie** in respect of or arising out of NR Immunisation shall be subject to the limitations as provided for in Clauses 16.72 and 16.73.
8. In the event that Network Rail do not accept the Infraco Immunisation Strategy by the deadline specified in paragraph 2 above, **tie** shall instruct the Infraco on how to proceed in respect of NR Immunisation and such instructions shall be Compensation Events and a **tie** Change (for any resulting additional or changed work required by **tie**) under the Infraco Contract.
9. In the event of paragraph 8 applying, the **tie** Change shall (subject to evaluation) omit an allowance of £2.2 million for NR Immunisation and add back any additional work to be undertaken to by the Infraco to support **tie** in delivering an alternative immunisation solution to mitigate the potential effects to the Railway of electromagnetic interference due to effects of coupled energy or stray current from the operation of the Edinburgh Tram Network traction system ("Alternative Solution").
10. In the event that the Infraco does not undertake the NR Immunisation or Alternative Solution works in full, all electromagnetic interference or corrosion due to effects of coupled energy or stray current from the operation of the Edinburgh Tram Network related obligations, in the Infraco Contract (including without prejudice to the foregoing Clause 16 and any relevant Third Party Agreements in Part 13 Section A of the Schedule) shall be the subject of a **tie** Change.
11. For the avoidance of doubt, **tie** shall pay to the Infraco, to the extent not taken into account in the **tie** Change arising pursuant to paragraph 8, any costs and expenses incurred as a consequence of the delay between the deadline specified in paragraph 2 and the actual date (and not the deemed date) that **tie** issue a **tie** Change Order. Such costs and expenses shall be evaluated pursuant to Clause 65 (*Compensation Events*) on the basis that such delay is itself a Compensation Event.
12. **tie** accepts that the Infraco may commence the work to deliver the NR Immunisation under the Mobilisation and Advance Works Agreement.
13. All sums due to Infraco pursuant to this Appendix C shall be paid in accordance with Clause 66 (*Payment of the Contract Price*) and not Clause 67 (*Payment in respect of Applications for Payments*).