





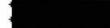
Our ref: 25.1.201/EKi/6338

29 July 2010

tie limited CityPoint 65 Haymarket Terrace Edinburgh EH12 5HD Bilfinger Berger-Siemens- CAF Consortium

BSC Consortium Office 9 Lochside Avenue Edinburgh Park Edinburgh EH12 9DJ United Kingdom

Phone: Fax:



For the attention of Steven Bell - Project Tram Director

Dear Sirs,

Edinburgh Tram Network Infraco Project Carlisle – Guaranteed Maximum Price Proposal

As you are aware, under an initiative known as "Project Carlisle", Infraco has been requested by tie to develop a Guaranteed Maximum Price Proposal based upon a reduced scope and accelerated programme in an effort to allow tie to obtain a cost effective and revenue generating tram network.

While we believe the attached Proposal and Programme are both comprehensive and achievable, we are fully cognizant that not every tie desire has been incorporated, and as a matter of clarity, not every Infraco cost has been included in the price.

For the purpose of audit and transparency, and as already in place, we are fully prepared to enter into discussion with Mr Jim Molyneux of Gordon Harris Partnership in an effort to transfer the necessary knowledge of how this Guaranteed Maximum Price was prepared so that he can subsequently discuss this detail with you.

Infraco recognises that due to the time constraints placed upon it and it's Sub Contractors, with regard to the Project Carlisle pricing effort, that the prices provided have not been fully reviewed and it would be reasonable to expect that the Sub Contractor prices may be able to be reduced after further discussion. Infraco would be happy to work with you to achieve this aim.

The Guaranteed Maximum Price, as developed and pertaining to the attached scope and Programme is outlined in the attached Proposal. For the avoidance of doubt this Proposal relates solely to the scope and corresponding programme of the Project Carlisle initiative and to that extent shall supersede all estimates and proposals provided in relation with the Edinburgh Tram Network (ETN) once implemented by a tie Change Order.

This proposal is submitted without prejudice to Infraco's whole rights and remedies and no party may rely on any statement, declaration or representation contained within this proposal, whether express or implied, in any court proceedings, arbitration, adjudication, mediation or other form of determination or negotiation without the express written consent of Infraco. This proposal shall not constitute an offer or create any legally binding obligation on Infraco.

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As always, we will avail ourselves to meet at your convenience to discuss this Proposal.

Yours faithfully,

M Foerder
Project Director
Bilfinger Berger Siemens CAF Consortium

CC:

M.Foerder

M.Berrozpe

Enc:

Guaranteed Maximum Price Proposal

INFRACO "PROJECT CARLISLE" PROPOSAL 29 JULY 2010

INFRACO CONSIDERS THIS PROPOSAL TO BE CONFIDENTIAL INFORMATION AND SUBMITS IT WITHOUT PREJUDICE

INFRACO RESERVES THE RIGHT TO REVISE, RESUBMIT, AND/OR WITHDRAW THIS PROPOSAL AT ITS CONVENIENCE

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PREFACE

Through an iterative and joint process, under an initiative known as "Project Carlisle", tie has resolved to utilise the public purse to obtain "best value" to construct a reduced scope of the Infraco. To this extent, Infraco has developed this Guaranteed Maximum Price Proposal based upon its assumed scope and programme that it believes is both comprehensive and achievable.

The purpose of Project Carlisle is to set aside existing contractual problems by allowing the Parties to agree an amicable solution which will permit the Project to move forward for the benefit of the City. The key to the success of this initiative will be a forward looking perspective and a commitment by both Parties to work in mutual co-operation to fulfil their agreed roles and responsibilities, and agreement to minimise the escalation of any dispute beyond the Senior Representatives of each of the Parties.

Infraco recognises that tie is in the process of drafting a Change Order to execute the Project Carlisle initiative therefore the purpose of this Proposal is to identify the requirements necessary to incorporate this initiative into the Infraco Contract.

Infraco commits to work with tie to expeditiously develop the output of the Project Carlisle Change Order to reflect the final negotiated terms. However, in view of the adoption of Project Carlisle and the Guaranteed Maximum Price, we believe Provisional Sums, Value Engineering, Incentivisation, and terms regarding Uninsured Economic Losses, included in the Infraco Contract, would no longer be applicable or appropriate.

We would welcome further discussion with you on these areas as well as the various other terms of the Infraco Contract which we believe will require to be reviewed. We would expect such discussions to extend to the performance security package, and a simplified, effective and efficient, Change mechanism to facilitate the uninterrupted progression of the Infraco Works.

As part of Project Carlisle, Infraco is committed to providing a fully functional tram system. We appreciate that this will not be possible without a Terminus at a suitable location, however, at this stage Infraco does not have sufficient information to provide a Guaranteed Maximum Price for works between the Terminal Point and Terminus. As such this proposal does not include works east of the Terminal Point. Both civil and systems works have been excluded from this proposal for the following issues:

- 1. Agreement on the location of a Terminus
- 2. System functionality and /or reliability
- 3. Contract conditions for the works to be performed east of the Terminal Point
- 4. Modification of the Infraco Contract with regard to risk allocation, warranties, indemnities, and performance security in relation to tie's executions and management of the civil work.

Once we have an understanding of tie's proposed arrangements for execution of the civil works east of Princes Street and how the interface with systems and trackwork for this section will be managed we will be better able to provide a Guaranteed Maximum Price for Terminal Point to the Terminus. The preferred solution is for BSC to undertake the civil works east of Princes Street and we invite tie's constructive response to this proposal.

For the avoidance of doubt this Proposal relates solely to the scope and corresponding programme of the Project Carlisle initiative and to that extent shall supersede all estimates and proposals provided in relation with the Edinburgh Tram Network (ETN) once implemented by a tie Change Order. This proposal is submitted without prejudice to Infraco's whole rights and

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remedies and no party may to rely on any statement, declaration or representation contained within this proposal, whether express or implied, in any court proceedings, arbitration, adjudication, mediation or other form of determination or negotiation without the express written content of Infraco. This proposal shall not constitute an offer or create any legally binding obligation on Infraco.

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EXECUTIVE SUMMARY

Introduction

Further to your request, we are pleased to enclose our proposal to carry out the Infraco Works within the existing Infraco Contract, as modified under the Project Carlisle initiative.

The Scope

We have prepared our proposal based on the scope set out in this Proposal. In essence, we will carry out the works shown on the GMP Drawings, which offer a buildable design meeting the Project's aspirations.

Given that the design is now in an advanced state, we would expect that any future changes to design will be minimal. We believe that our proposal in this regard will help to remove some of the obstacles which have hampered progress of the Project to date.

Our Pricing Assumptions

As a result of the above, we are able to offer our Guaranteed Maximum Price on the basis of a minimal number of Pricing Assumptions. We would like to take this opportunity to assure you that we have looked to minimise the number of Pricing Assumptions to provide greater certainty to both Parties and for the benefit of the Project as a whole.

A shortened list of Pricing Assumptions can be found at Appendix 4. The main items be summarised as follows:

- Infraco will build to the GMP Drawings. The GMP Drawings will not be amended other than by way of a tie Change
- 2. CEC will approve the GMP Drawings in expedient fashion.
- 3. Infraco will not take the risk of dealing with contaminated ground (including by invasive species)
- Infraco will not take any risk associated with the discovery and/or replacement of utilities
- 5. Infraco has accepted the risk to remove and replace soft materials to the extent identified on the GMP Drawings
- 6. Infraco will not take the risk on obstructions or voids being discovered below the original ground level
- 7. Infraco and tie shall agree a revised Milestone Payment Schedule acceptable to both Parties
- 8. CEC will grant all consents and technical approvals for the Integrated Trackform design shown on the GMP Drawings
- 9. No work will be carried out beyond the Terminal Point.

In addition we anticipate that the majority of the existing Pricing Assumptions will no longer be required. Those remaining are of a less contentious nature than the existing design related ones eg. PA 33 which provides that third parties shall not carry out works which impact upon the

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Infraco Works. Pricing Assumptions such as 3.4.1 which have been more problematic to date would be removed. We look forward to discussing this with you.

The Programme

Our proposed Programme is set out at Appendix 5. This shows Sectional Completion Dates of:

- 1. Section A 24 May 2011
- 2. Section B 15 September 2011
- Section C End of construction 22 May 2012 End of Testing & Commissioning 20 August 2012
- 4. Section D 19 November 2012

The Programme which was exclusively set up for the implementation of Project Carlisle is challenging but achievable and Infraco is fully committed to delivering it.

The Guaranteed Maximum Price

In light of the above, we are able to offer a 'Guaranteed Maximum Price' of £433,290,156 and €5,829,805, less amounts previously paid. We believe this is a fair and reasonable offer which we hope, when seen as part of this Proposal, will prove acceptable to tie.

A detailed breakdown is provided at Appendix 1.

Revised tie Change Mechanism

We believe that Project Carlisle offers an excellent opportunity to remedy what has previously been a major source of contention on the Project - namely Clause 80. Our proposal will commit Infraco to working whilst Estimates are agreed subject to payment being received for works carried out during that period.

The revised mechanism would operate as follows:

- 1. tie will be required to issue a tie Notice of Change upon the occurrence of a change event, or upon Infraco notifying it of such an occurrence.
- 2. Failure to issue a tie Notice of Change will result in the matter being referred to DRP.
- 3. Infraco to prepare an Estimate within existing contractual timescales, following receipt of a tie Notice of Change.
- 4. A finite period to be allowed for agreement of the Estimate failing which the matter will be referred to DRP.
- Infraco will commit to carrying out the works associated with the tie Change in advance of agreement or determination of the Estimate, and where necessary, in advance of the production of an Estimate in accordance with the Programme.
- 6. Infraco to be paid, on an interim basis in line with the Estimate.
- 7. Note that as set out above, Infraco will continue to build the design set out in the GMP Drawings until it receives a tie Notice of Change instructing otherwise.

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It is our firm belief that the above changes offer an equitable solution for both Parties, allowing uninterrupted progress of the Works to continue and a swifter delivery of the ETN.

Priority of Project Carlisle

Given the innovative nature of Project Carlisle and the impact of our Proposal on the existing Infraco Contract, both Parties would be required to accept that the product of this Proposal will take precedence over any conflicting existing Infraco Contract obligation.

Conclusion

We believe that our proposal provides an excellent opportunity for both sides to move forward in a positive direction. The key aspects of our proposal can be summarised as follows:

- 1. A Guaranteed Maximum Price based on a well-developed design
- 2. A fully optimised Programme providing the most sensible and expedient method of delivering the Project
- 3. A significantly reduced number of Pricing Assumptions
- 4. A simplified Change mechanism which allows progress to continue while Clause 80 runs its course.

Whilst we anticipate that much time and work will be required to align the Infraco Contract with the changes brought about by Project Carlisle, not least to the Employer's Requirements and Infraco Proposals, there is an immediate need to resolve outstanding issues relating to the approval of form to Sub Contract for key Sub-Contractors and the Permits to Commence work in order to demonstrate the benefit of Project Carlisle to the general public.

We also believe that the success of the Project could be ensured by the appointment of a full time mediator to resolve differences, and continually engage both Parties in constructive dialogue.

We look forward to discussing the Proposal in further detail with you in the coming weeks and hope that a satisfactory outcome can be achieved for both Parties.

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CEC00183919_0009

DEFINITIONS USED IN THIS PROPOSAL

- "Project Carlisle Change Order" for the purposes of this Proposal refers to the issue by tie of a Change Order to incorporate the 'Project Carlisle' initiative.
- "GMP Drawings" means the GMP Drawings, Specifications and Schedules, listed in Appendix 3 of this Proposal.
- "Guaranteed Maximum Price" means, on the basis of the scope and assumptions referenced in this Proposal, the sum set out in Appendix 1 as the same may be varied in accordance with the principles set out in this Proposal and the remaining terms of the Infraco Contract.
- "Actual Cost" means all direct and indirect cost/expenditure incurred whether on or off Site including overheads, finance, and other charges and allowances allocable thereto.
- "Estimated Actual Cost" means, a reasonable estimate of Actual Costs, based upon the available information, terms, and conditions known at the time of estimation. It is anticipated that Estimated Costs may vary from the Actual Costs.
- "Programme" means the Programmes contained in Appendix 5
- "Terminal Point" is defined at the East end of Princes Street (Inbound track Chainage 121382 and Outbound Chainage 121377)
- "Terminus" is the location required to reverse trams for the proposed service operation.

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APPENDIX 1

GUARANTEED MAXIMUM PRICE

The Guaranteed Maximum Price is comprised of the following Infraco Prices (further detailed in Appendix 1.1 - 1.4 respectively), exclusive of Value Added Tax and in Pounds Sterling:

Bilfinger Berger Civil UK Ltd.	£234,331,022
Siemens	£126,901,621
CAF	£55,781,634
and	€5,829,805
SDS*	£16,275,879
Total	£433,290,156
and	€5,829,805

^{*}SDS GMP Price is included in Bilfinger Berger UK Ltd. Price, however it is broken out for presentation purposes.

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APPENDIX 1.1

Bilfinger Berger UK Ltd - Guaranteed Maximum Price Breakdown

See Attached Supplemental Information CD:

Appendix 1.1 - BB - GMP Breakdown

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CEC00183919_0012



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Bilfinger Berger Civil UK Limited : GMP Summary

Item	Description	Original SubContract Order
in	(2)	Of
otal for 0	Direct Cost	66,310,114

	Met	hod Related Charges	
	to 30 June 2010	to Completion	
	(4)	(s)	(4)+(4)+(5)
114	9,930,764	25,940,080	35,870,

Prelims and

		Construction Works			
Original Subcontract Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Construction Works Total	
(7)	(A)	(9)	(10)	(11) = (7 to 10)	
50,483,975	3,898,446	30,883,523	39,789,536	125,055,480	

	Risk / Opportunity	Grand Total
	(12)	[13] + [6]-(13]-(13)
80	4,147,224	165,07

^{73,548}

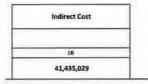
2 . SDS Provider

Item	Description	Original Order
(1)	(2)	D)
Total for S	DS Provider	4,983,815

12	Scope	Works				
		Change		Total	was Elle	
Original Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	(excl Risk & Opportunity)	Risk / Opportunity	Grand Total
(4)	(5)	(6)	(2)	(8)=(4 to 7)	(%)	(10)-(6)+(9)
4,983,815	4,806,924	1,787,081	4,698,059	16,275,879	*	16,275,879

3. In Direct Cost

Item	Description
131	(1)



Risk / Opportunity	Grand Total
14	(21-(2)-(6)
5,040,000	46,475,029

4. Summary of Direct, SDS and Indirect Costs

Overheads 15,947,711.88 7%

> **Profit** 3% 6,834,733.66

GMP Grand Total 250,606,900.96

Printed: 29/07/2010

227,824,455.42

^{*} At the 30th June 2010

^{*} At the 30th June 2010

Project Carlisle: "Guaranteed Maximum Price"

Direct Costs: GMP Summary

Direct Co	osts: GMP Sun	nmary	- 1					GRAND TOTAL				e i
				Prelims and Me			c	onstruction Works				
								Change				Grand Total
Item	Description		Original SubContract Order	to 30 June 2010	to Completion	Original Subcontract Work	Already Submitted* and Agreed	Aiready Submitted* and Not Agreed	New Submission	Construction Works Total	Risk / Opportunity	
(1)		[2]	(5)	(4)	(5)	(6)	[7]	(8)	[9]	(5 to 9)=(10)	(11)	(4)+(5)+(10)+(11)
1A	McKean & Co		2,620,066	671,292	1,423,140	1,628,076	879,730	42,003	2,927,350	5,477,159	447,000	8,018,59
18	Crummock (Scot	and) Ltd		184,430	12,500		433,230		5,313	438,543		635,47
1C	Not Required											
	THE STATE	MacKenzie Construction Ltd						7,707,463	228,828	9,913,397		9,913,39
	Princes	Crummock (Scotland) Ltd				1,977,106		2,451,198	4,917 29,298	2,456,115		2,456,11
	Street Supplemental	Class One	1,977,106			1,577,100		345,950		375,248		375,24
1C/1D	C/1D Agreement	Others						69,796		69,796		69,79
		Totals	1,977,106			1,977,106		10,574,407	263,043	12,814,556		12,814,55
		C/1D (non PSSA)	447,095			447,095		1,668,717		2,115,812		2,115,81
		1C/1D Totals	2,424,201			2,424,201		12,243,124	263,043	14,930,368		14,930,36
1D	McKenzie Constr	uction Ltd	3,871,941	40,144	4,309,981	3,355,254		(490,128)	5,385,510	8,250,636	302,750	12,903,51
On	Other On Street	Works	3,327,111	1,295,098	1,383,192	1,618,345	(1,028,697)	146,343		735,991	72,620	3,486,90
ON Stree	t Summary		12,243,319	2,190,964	7,128,812	9,025,876	284,263	11,941,342	8,581,216	29,832,696	822,370	39,974,84
2A	John Graham (Di	romore) Ltd	15,853,507	1,678,000	8,057,305	9,683,666	85,790	1,793,163	3,591,753	15,154,372	480,182	25,369,85
5	Expanded Ltd		12,207,596	2,462,979	3,259,938	9,198,688	73,794	12,167,192	2,350,050	23,789,724	2,378,972	31,891,61
6	Barr Limited		12,588,218	1,643,983	1,110,014	10,451,039	1,337,249	1,639,659	1,286,243	14,714,189	305,700	17,773,88
7A	Farrans Ltd		5,583,816	1,198,653	2,232,519	4,291,048	2,117,351	3,342,167	7,292,027	17,042,593	160,000	20,633,76
Off	Other Off Street	Works	7,833,658	756,184	4,151,492	7,833,658			16,688,248	24,521,906		29,429,58
OFF Stree	et Summary		54,066,795	7,739,799	18,811,268	41,458,099	3,614,183	18,942,181	31,208,320	95,222,784	3,324,854	125,098,70
OVERALL	SUMMARY	AND COURSE	66,310,114	9,930,764	25,940,080	50,483,975	3,898,446	30,883,523	39,789,536	125,055,480	4,147,224	165,073,54

^{*} At the 30th June 2010

					PRO	GRAMME INFORMAT	TION		2'	
Item	Description	Subcontract Order Start Date	Subcontract Contract Period (wks)	Subcontractor Mobilised and On Site	Actual Start Date on Site	Programme Status at 30/6/10	Subcontract Contract Period Revised (wks)	Additional Duration (wks)	Carlisle Programme Subcontract Completion	Weeks from 01/07/10
1A	McKean & Co	19-Jun-09	96	23-Nov-09	09-Mar-10	9 wks BH	103	7	13-Jun-11	4
18	Crummock (Scotland) Ltd	06-Oct-08	n/a	01-Oct-08	13-Oct-08	n/a	n/a	n/a	n/a	n/a
1C	Not Required	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1D	McKenzie Construction Ltd	05-Jan-09	88	05-Jan-09	05-Jan-09	n/a	172	84	20-Apr-12	9
2A	John Graham (Dromore) Ltd	01-Feb-10	65	23-Nov-09	23-Nov-09	21 wks BH	111	46	20-Mar-12	8
5	Expanded Ltd	27-Oct-08	85	27-Oct-08	27-Oct-08		152	67	27-Sep-11	6
6	Barr Limited	03-Nov-08	68	02-Feb-09	17-Aug-09	On Prog	110	42	16-Dec-10	2
7A	Farrans Ltd	08-Sep-08	56	11-Sep-08	11-Sep-08		150	94	25-Jul-11	5
	7									
it:										



Edinburgh Tram Network Project Carlisle: "Guaranteed Maximum Price" Subcontractor GMP Summary

Subcontractor: McKean & Co (Glasgow) Ltd

	tractor: McKean & Co (Glasgow) Lt 1A: Enabling Works				Prelims and M Chai				Construction Work	s			
									Change			Risk / Opportunity	Grand Total
Item	Description	Original SubContract Order	De-Scope for Project Carlisle	Balance of Original SubContract Order	to 30 June 2010	to Completion	Original Subcontract Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Construction Works Total		
(11)	121	(3)	14	(5)	(6)	(7)	[8]	(9)	(10)	(11)	(6 to 11)=(22)	(13)	[6]+[7]+[12]+[13]
1	Preliminaries & General Items	1,679,780	587,790	991,990	671,292	1,423,140						567,000	2,661,432
2	Method Related Charges	18,800	18,800	140							*		*
3	Track and Formation	1,063,265	1,014,910	48,355			48,355				48,355		48,355
4	Tramstops	448,537	448,537	, e			4				*		
5	Accommodation Works	2,050	200	1,850			1,850		8,300	59,224	69,374		69,374
6	Highways	841,184	841,184						1,866	1,529,100	1,530,966		1,530,966
7	Buildings - Substation	26,276	26,276	2					1		100		*
8	Structures	1,777,120	199,249	1,577,872			1,577,872	879,730	25,921	320,739	2,804,262		2,804,262
9	OHLE	88,214	88,214						5,916		5,916		5,916
10	Lindsay Road Realignment	(*)		*			*			953,286	953,286		953,286
11											*		
12											*		
13	Risk Review Transfer / Deletion									65,000	65,000	- 120,000	- 55,000
14					4						(40)		19
15	Total	5,945,227	3,325,161	2,620,066	671,292	1,423,140	1,628,076	879,730	42,003	2,927,350	5,477,159	447,000	8,018,591

GRAND TOTAL

^{*} At the 30th June 2010



Project Carlisle: "Guaranteed Maximum Price"

Subcontractor GMP Summary

Subcontractor: Crummock (Scotland) Limited

GRAND TOTAL

Construction Works

	-	- tal-	151-11.
Section	IB:	Leitn	walk

Section	1B: Leith Walk		Chai				Construction Works	•			
							Change				Grand Total
Item	Description	Original SubContract Order	to 30 June 2010	to Completion	Original Subcontract Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Construction Works Total	Risk / Opportunity	State Total
(1)	12	(3)	(4)	[5]	(6)	(7)	(3)	(9)	(6 to 9)=(10)	(11)	[4]+(5]+(10)+(11)
1	Preliminaries & General Items		184,430	12,500	1000 110						196,930
2	Method Related Charges								¥		*
3	Track and Formation					433,230		5,313	438,543		438,543
4									٠		-
5									*		
6											92/
7									15		
8											
9									4		1
10											
11									-		
12											
	Tota	al -	184,430	12,500	I work	433,230		5,313	438,543	*	635,473

Prelims and Method Related

^{*} At the 30th June 2010



Subcontractor GMP Summary

Subcontractor: Various

Princes Street Supplemental Agreement

ltem	Description	Original SubContract Order	to 30 June 2010	
(1)	(2)	(3)	(4)	
1	Preliminaries & General Items			
2	Method Related Charges			
3	MacKenzie Construction Ltd	*		
4	Crummock Scotland Ltd	*		
5	Peek Traffic	*	1,977,106	
8	Siemens Traffic Controls			
9	Class One Traffic Management			
	Total		1,977,100	

Prelims and Me Char	AND INTERNATIONAL SECTION		9	Construction Works				Grand Total
			Change				Grand Total	
to 30 June 2010	to Completion	Original Subcontract Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Construction Works Total	Risk / Opportunity	
14	(5)	(6)	17)	(6)	(9)	(6 to 9)=(10)	(11)	(4)+(5)+(10)+(11)
							·	*
				7,707,463	228,828	9,913,397		9,913,397
		1		2,451,198	4,917	2,456,115		2,456,115
1,977,106		1,977,106	•	57,135	74	57,135		57,135
				12,661	726	12,661		12,661
				345,950	29,298	375,248		375,248
		*		*	*			
1,977,106		1,977,106		10,574,407	263,043	12,814,556	Bus of	12,814,556

GRAND TOTAL

^{*} At the 30th June 2010



Subcontractor : MacKenzie Construction

Section 1C/1D Princes St(Non PSSA work)

ltem	Description	Original SubContract Order	to 30 June 2010
(1)	(2)	(3)	[4]
1	Preliminaries & General Items		2
2	Method Related Charges		9
3	MacKenzle Enabling Works		
4	MacKenzle Site Investigation		
5	Crummock Surfacing	447,095	
	Total	447,095	

Prelims and M Chai			73	Construction Works					
			Change					Grand Total	
to 30 June 2010	to Completion	Original Subcontract Work	Aiready Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Construction Works Total	Risk / Opportunity		
(4)	(5)	(6)	(7)	(8)	(9)	(6 to 9)=(10)	(11)	(4)+(5)+(10)+(13)	
8	•			Links and and		*	(2)		
						-			
				420,000	F0#5	420,000		420,000	
				187,500		187,500		187,500	
		447,095		1,061,217		1,508,312		1,508,312	
			9	*	14	*		72	
		447,095		1,668,717		2,115,812		2,115,812	

GRAND TOTAL

^{*} At the 30th June 2010

Project Carlisle: "Guaranteed Maximum Price"

Subcontractor GMP Summary

Subcontractor : MacKenzie Construction

Section 1D reduced to West End of Princes St

ltem	Description	Original SubContract Order
(1)	tzi	(3)
1	Preliminaries & General Items	516,687
2	Method Related Charges	
3	Accommodation Works	*
4	Highways	1,584,666
5	Landscaping	-
6	Overhead Electrics	110,047
7	Sub-stations	
8	Trackwork	1,054,934
9	Tramstops	158,803
10	Drainage	156,500
11	Traffic Signal Ducting	111,068
12	Street Lighting Ducting (less original bill items)	104,572
13	Tactile Paving at Crossings	22,833
14	Bus Stop Shelters	25,421
15	CBR Testing on Trackbox	26,410
16	Deduct - 380m completed under PSSA	
17	Risk Review Transfer / Deletion	

Prelims and M Cha	lethod Related rges	1		Construction Works				
				Change				Grand Total
to 30 June 2010	to Completion	Original Subcontract Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Construction Works Total	Risk / Opportunity	
(4)	(5)	(6)	(7)	(A)	(9)	(6 to 9)=(10)	(13)	(4)+(5)+(10)+(11)
40,144	4,309,981						652,750	5,002,875
			METERS			-		*
					c#t	*		
		1,584,666			1,949,398	3,534,065		3,534,065
		150			*			Na:
		110,047			213,357	323,404		323,404
		-			72			· ·
		1,054,934			2,258,292	3,313,226		3,313,226
		158,803			-	158,803		158,803
		156,500			168,386	324,885		324,885
		111,068			45,305	156,372		156,372
		104,572			22,513	127,086		127,086
		22,833			(F)	22,833		22,833
		25,421			378,259	403,679		403,679
		26,410				26,410		26,410
				(490,128)		(490,128)		(490,128
					350,000	350,000	(350,000)	
40,144	4,309,981	3,355,254		- 490,128	5,385,510	8,250,636	302,750	12,903,510

GRAND TOTAL

Project Carlisle: "Guaranteed Maximum Price"

Subcontractor GMP Summary

Subcontractor : Various

Other On Street Works

1 RD Anderson 2 Lothian and Borders Police 3 Hunter Demolotion 4 Raeburn 5 Harper Generators 6 Daver Steels (Bar & Cable Syst 7 Scottish Water 8 Harper Generators 9 Gallagher Groundworks Ltd/ 10 Instalcom Ltd 11 Stanger Testing Services Limit 12 Beattle Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,645,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS) 1,592,260	Item	Description	Original SubContract Order		
2 Lothian and Borders Police 3 Hunter Demolotion 4 Raeburn 5 Harper Generators 6 Daver Steels (Bar & Cable Syst 7 Scottish Water 8 Harper Generators 9 Gallagher Groundworks Ltd/ 10 Instalcom Ltd 11 Stanger Testing Services Limit 12 Beattle Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,645,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS)	(1)	(2)	(3)		
3 Hunter Demolotion 4 Raeburn 5 Harper Generators 6 Daver Steels (Bar & Cable Syst 7 Scottish Water 8 Harper Generators 9 Gallagher Groundworks Ltd/ 10 Instalcom Ltd 11 Stanger Testing Services Limit 12 Beattie Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,646,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS)	1	RD Anderson			
4 Raeburn 5 Harper Generators 6 Daver Steels (Bar & Cable Syst 7 Scottish Water 8 Harper Generators 9 Gallagher Groundworks Ltd/ 10 Instalcom Ltd 11 Stanger Testing Services Limit 12 Beattie Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,646,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS)	2	Lothian and Borders Police			
5 Harper Generators 6 Daver Steels (Bar & Cable Syst 7 Scottish Water 8 Harper Generators 9 Gallagher Groundworks Ltd/ 10 Instalcom Ltd 11 Stanger Testing Services Limit 12 Beattle Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,645,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS)	3	Hunter Demolotion			
6 Daver Steels (Bar & Cable Syst 7 Scottish Water 8 Harper Generators 9 Gallagher Groundworks Ltd/ 10 Instalcom Ltd 11 Stanger Testing Services Limit 12 Beattie Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,646,163 16 Substation Housing Design (Portastor) 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS)	4	Raeburn			
7 Scottish Water 8 Harper Generators 9 Gallagher Groundworks Ltd/ 10 Instalcom Ltd 11 Stanger Testing Services Limit 12 Beattie Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,646,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS) 51,351	5	Harper Generators			
8 Harper Generators 9 Gallagher Groundworks Ltd/ 10 Instalcom Ltd 11 Stanger Testing Services Limit 12 Beattie Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,646,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS)	6	Daver Steels (Bar & Cable Syst			
9 Gallagher Groundworks Ltd/ 10 Instalcom Ltd 11 Stanger Testing Services Limit 12 Beattie Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,646,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS) 51,351	7	Scottish Water			
10 Instalcom Ltd 11 Stanger Testing Services Limit 12 Beattie Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,646,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS) 51,351	8	Harper Generators			
11 Stanger Testing Services Limit 12 Beattie Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,646,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS) 51,351	9	Gallagher Groundworks Ltd/			
12 Beattie Chalmers Limited/ 13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,645,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS) 51,351	10	Instalcom Ltd			
13 Traffic Signs under estimate Section 1A 14 Traffic Signs under estimate Section 1C3/1D 15 On Street TM 1,645,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS) 51,351	11	Stanger Testing Services Limit			
14 Traffic Signs under estimate Section 1C3/1D 1,646,163 15 On Street TM 1,646,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS) 51,351	12	Beattie Chalmers Limited/			
14 1C3/1D 15 On Street TM 1,646,163 16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary Equipment Design (RWS) 51,351	13	Traffic Signs under estimate Section 1A			
16 Substation Housing Design (Portastor) 37,337 17 Tram Stop Shelter and Ancilliary 51,351 Equipment Design (RWS)	14	The state of the s			
17 Tram Stop Shelter and Ancilliary 51,351 Equipment Design (RWS)	15	The Committee of the Co	1,646,163		
Equipment Design (RWS)	16	Substation Housing Design (Portastor)	37,337		
	17		51,351		
	18	A complete and a comp	1,592,260		

	Prelims and Me Charg	thod Related ges
P	to 30 June 2010	to Completion
	(4)	(S)
-		-
-		
-		
_		
-		
+		
+		
3	1,206,410	1,333,862
7	37,337	
51	51,351	897
60		48,433
11	1,295,098	1,383,192

				Construction Works	C	
Grand Total				Change		
	Risk / Opportunity	Construction Works Total	New Submission	Already Submitted* and Not Agreed	Already Submitted* and Agreed	Original Subcontract Work
{4}+(5}+(10)+(11)	(11)	(6 to 9)=(10)	(9)	(8)	(7)	(6)
1,441		1,441			1,441	
2,845		2,845			2,845	
14,500		14,500			14,500	110-4
368		368			368	
330		330			330	
2,412		2,412			2,412	
75		755			755	
1,800		1,800			1,800	
1,110		1,110			1,110	
4,550		4,550			4,550	
1,510		1,510			1,510	
8,854		8,854			8,854	
16,06		16,067		16,067		
130,27		130,276		130,276		
2,599,39	59,120					
111,85		74,517				74,517
52,24						
536,58	13,500	474,656			(1,069,172)	1,543,828
3,486,90	72,620	735,991		146,343	(1,028,697)	1,618,345

GRAND TOTAL

* At the 30th June 2010

Printed: 29/07/2010

Project Carlisle: "Guaranteed Maximum Price"

Subcontractor GMP Summary

Subcontractor : John Graham (Dromore) Ltd

Section 2A and 5A (part)

Item	Description	Original SubContract Order
(I)	12	(3)
1	Preliminaries & General Items	6,169,841
2	Method Related Charges	
3	Section 1D - All Works	64,076
4	Haymarket Viaduct	1,139,067
5	1,083,745	
6	Haymarket Terrace Sub-Station	116,191
7	Haymarket Station Tramstop	174,548
8	S20 - Russell Road Underbridge	828,643
9	Russell Road Sub-Station	73,459
10	W18 Retaining Wall	790,597
11	5A Trackwork inc Drainage etc	623,008
12	Murrayfield Tramstop	284,529
13	Roseburn Viaduct	2,853,229
14	S21B - Murrayfield Ret Walls	1,462,165
15	S21C - Murrayfield Underpass	190,409
16	Schedule 4 Notified Departures	

Prelims and Method Related Charges			Construction Works					
				Change				Grand Total
to 30 June 2010	to Completion	Original Subcontract Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Construction Works Total	Risk / Opportunity	Grano Iotal
(4)	(5)	(6)	(7)	[8]	(9)	[6 to 9]=(10)	(11)	(4)+(5)+(10)+(11)
1,678,000	8,057,305						480,182	10,215,487
		64,076		5 (4) (+) +)	(64,076)			
		1,139,067	41,790	86,936	146,276	1,414,068		1,414,068
		1,083,745	44,000	575,015	687,241	2,390,000		2,390,000
		116,191			21,964	138,156		138,156
		174,548			27,900	202,448		202,448
		828,643		396,533	296,931	1,522,107		1,522,107
		73,459				73,459		73,459
		790,597		320,014	327,985	1,438,596		1,438,596
		623,008			840,861	1,463,869		1,463,869
		284,529		134,310	75,900	494,739		494,739
		2,853,229			123,447	2,976,676		2,976,676
	-	1,462,165			615,128	2,077,293		2,077,293
I _ + 1		190,409		280,357	12,014	482,780	15	482,780
					480,182	480,182		480,182
1,678,000	8,057,305	9,683,666	85,790	1,793,163	3,591,753	15,154,372	480,182	25,369,859

GRAND TOTAL

2

Grand Total

[4]+(5)+(10)+(11) 3,505,702 1,618,258 427,285 171,672

> 2,378,972 4,233,417 1,104,580 1,742,432 554,265 3,641,695 1,334,128 3,374,736 1,884,927 1,593,050 871,137 943,270 1,269,937 289,680 545,186

2,378,972

2,378,972

Edinburgh Tram Network

Project Carlisle: "Guaranteed Maximum Price"

Subcontractor GMP Summary Subcontractor: Expanded Ltd

Section 5 : Structures

tem	Description	Original SubContract Order
(1)	(z)	(3)
1	Prelims Section 5	1,521,273
2	Prelims Edinburgh Pk Bridge	891,811
3	Prelims Carrick Knowe	427,285
4	Prelims W4	168,539
5	Risk	
6	Structures S27 Edinburgh Park Bridge	3,388,189
7	Structures S23 Carrick Know Bridge	789,453
8	Structures W3 Russell Rd RW	
9	Structures W4 Russell Rd Phase 1	
10	Structures W4 Russell Rd Phase 2	
11	Structures S22a&b Balgreen Rd Bridges	
12	Structures S32 Depot Access Bridge	1,554,606
13	Structures A8 Underpass	1,034,444
14	Structures S26 South Gyle Access Bridge	632,202
15	Structures S21E Water of Leith Bridge	717,787
16	Structures 21DMurrayfield Tp RW	415,965
17	Structures W8 Baird Drive RW	479,832
18	Structures W9 Balgreen Rd	32,722
19	Structures W11 bankhead Dr RW	81,334
20	Structures W19 Tramstop RW	209,110
21	Service Diversion/support	
22	Discount Exc S27&S23	(136,956)
-	Section A - Total	12,207,596

17	Method Related
to 30 June 2010	to Completion
14	(5)
376,2	81 3,129,421
1,618,2	58
316,7	54 110,531
151,6	86 19,986
2,462,9	3,259,938

		Construction Work	s		
		Change			
Original Subcontract Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Construction Works Total	Risk / Opportunity
(6)	(7)	(8)	(9)	[6to 9]1(10]	(11)
					2,378,977
3,388,189		460,456	384,772	4,233,417	
789,453		160,567	154,560	1,104,580	
		1,736,747	5,685	1,742,432	
		430,590	123,675	554,265	
		3,453,820	187,875	3,641,695	
		1,228,944	105,184	1,334,128	
1,554,606		1,412,146	407,984	3,374,736	
1,034,444		788,674	61,809	1,884,927	
632,202		803,516	157,332	1,593,050	
717,787	4	41,767	111,583	871,137	
415,965		462,244	65,061	943,270	
479,832		586,866	203,239	1,269,937	
32,722	1 . Y	220,117	36,841	289,680	
81,334		423,711	40,141	545,186	
209,110		192,663	111,597	513,370	
	73,794		229,665	303,459	
(136,956)		(235,636)	(36,953)	(409,546)	
9,198,688	73,794	12,167,192	2,350,050	23,789,723	2,378,97

GRAND TOTAL

* At the 30th June 2010

Printed: 29/07/2010

513,370 303,459 (409,546)

31,891,613

Grand Total

(4)+(5)+(10)+(11)

2,753,997

200,903 1,428,356 57,983 55,155 1,380,221 102,651 1,289,096 31,203 189,796 241,098 193,302 117,785 202,247 96,633 35,926 75,460 2,527,767 25,000 4,342,431 159,438

Edinburgh Tram Network

Project Carlisle: "Guaranteed Maximum Price"

Subcontractor GMP Summary Subcontractor: Barr Construction

Section 6 : Depot

Item	Description	Original SubContract Order	30 Ju
(1)	(2)	(3)	
1	Preliminaries & General Items	2,137,178	1
2	Method Related Charges		
3	Earthworks	92,000	
4	Sub-structure - Depot Building	1,116,433	
5	Sub-structure - Sub Station Building	57,983	
6	Sub-structure - Power Building	55,155	
7	Frame	1,160,334	
8	Upper Floors	102,651	
9	Cladding	1,206,649	
10	Stairs	8,800	
11	External Blockwork	108,406	
12	Internal wall and Partitions	241,098	
13	Internal Doors	146,900	
14	Wall Finishes	117,785	
15	Floor Finishes	202,247	
16	Ceiling Finishes	93,242	
17	Decoration	35,926	
18	Fittings and Furnishings	62,182	
19	M&E	2,302,000	
20	BWIC Services	25,000	
21	Site Work	2,880,802	
22	Sub Station Building	123,035	
23	Power Building	109,846	
24	Sundries	202,565	
25	Risk Register	3.2	
26	Risk Review Transfer / Deletion		

Prelims and Me Char	ASSOCIATION IN CONTRACTOR IN C	
to 30 June 2010	to Completion	Original Subcontract Work
(4)	(5)	(6)
1,643,983	1,110,014	
		92,000
		1,116,433
		10 miles
		57,983
		55,155
		1,160,334
		102,651
		1,206,649 8,800
		108,406
		241,098
		146,900
		117,785
		202,247
		93,242
		35,926
		62,182
		2,302,000
		25,000
		2,880,802
		123,035
		109,846
		202,565
75 20 001 00	2000	
1,643,983	1,110,014	10,451,039

			onstruction Works	C	
			Change		
Risk / Opportunity	Construction Works Total	New Submission	Already Submitted* and Not Agreed	Already Submitted* and Agreed	Original Subcontract Work
(11)	(610 a)=(10)	(9)	(8)	(7)	(6)
	•				
	200,903		50,446	58,457	92,000
	1,428,356		221,538	90,385	1,116,433
	57,983				57,983
	55,155				55,155
	1,380,221			219,887	1,160,334
	102,651				102,651
	1,289,096		3,657	78,790	1,206,649
	31,203		22,403		8,800
	189,796		81,390		108,406
	241,098				241,098
	193,302		46,402		146,900
	117,785				117,785
	202,247				202,247
	96,633		3,391		93,242
	35,926				35,926
	75,460		13,278		62,182
	2,527,767		225,767		2,302,000
	25,000				25,000
	4,342,431		826,094	635,534	2,880,802
	159,438			36,403	123,035
	110,609		763		109,846
	564,887		144,529	217,793	202,565
1,658,9					
- 1,353,2	1,286,243	1,286,243			
305,7	14,714,189	1,286,243	1,639,659	1,337,249	10,451,039

GRAND TOTAL

1,658,943 1,353,243 305,700

110,609 564,887

1,658,943

67,000 17,773,886

Project Carlisle: "Guaranteed Maximum Price"

Subcontractor GMP Summary Subcontractor: Farrans Ltd

Section	5C(nart	and 7A
Section	SCIDAN	n and /A

Section 5C(part) and 7A		Prelims and Me Char	ADDRESS OF THE PROPERTY OF		(Construction Works					
						Change				Grand Total	
Item	Description	Original SubContract Order	to 30 June 2010	to Completion	Original Subcontract Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Construction Works Total	Risk / Opportunity	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(6 to 9)=(10)	(11)	(4)+(5)+(10)+(11)
1	Preliminaries & General Items	524,460	477,638	804,565						96,000	1,378,203
2	Method Related Charges	768,308	721,015	1,427,954							2,148,969
3	Enabling Works	112,091			112,091	593,681	1,223,310		1,929,082	24,000	1,953,082
4	Track and Formation	1,661,460			1,661,460	253,766	1,619,733	66,310	3,601,269	80,000	3,681,269
5	Tramstops	363,026			363,026				363,026		363,026
6	Tramstop Equipment	30,209			30,209				30,209		30,209
7	Drainage					1,011,137	127,226	18,868	1,157,231		1,157,231
8	Ducting	379,295			379,295		69,391		448,686		448,686
9	Highways	101,853			101,853		233,054		334,907	209,000	543,907
10	7A Ingliston P&R Substation	50,586			50,586	1,430			52,016		52,016
11	7A Gogarburn Bridge 529	885,140			885,140	123,010	48,772	36,670	1,093,592	45,000	1,138,592
12	7A Gogarburn Culvert 1 530	54,653			54,653	21,145	15,931		91,729		91,729
13	7A Retaining Walls	337,396			337,396		4,750	6,699,179	7,041,326	531,000	7,572,326
14	7A Culvert 2 531	113,053			113,053	(22,294)			90,759		90,759
15	7A Culvert 3 S32	73,408			73,408	6,345	i		79,753		79,753
16	OHLE	128,878			128,878	129,131			258,009		258,009
17	Risk Review Transfer / Deletion							471,000	471,000	(825,000)	(354,000)
	Total	5,583,816	1,198,653	2,232,519	4,291,048	2,117,351	3,342,167	7,292,027	17,042,594	160,000	20,633,766

GRAND TOTAL

Project Carlisle: "Guaranteed Maximum Price"

Subcontractor GMP Summary Subcontractor: Various

Subcontractor: Other Off Street Works

Item	Description	Original SubContract Order
(1)	121	(3)
1	Preliminaries & General Items	
2	Method Related Charges	
3	Track and Formation	2,908,517
4	Tramstops	1,414,483
5	Utilities works	
6	Highways	2,837,172
7	Buildings	291,299
8	Accommodation Works	
9	OHLE	382,187
10	S27 Edinburgh Park	
11	AB Underpass	
12	S26 Sth Gyle Access Bridge	
13	S21E Water of Leith	
14	W4 Russell Rd RTW	
15	Other Structures	
16	Miscellaneous	
17	Off Street TM	
18	Depot	
19	Depot to Airport	
300	Total	7,833,658

Prelims and Method Related Charges					1 3 5			
				Change			Grand Total	
to to 30 June 2010 Completion	1373	Original Subcontract Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Construction Works Total	Risk / Opportunity	Grand Total
(4)	(5)	(6)	(7)	(8)	(9)	[6 to 9]=(10)	(11)	[4]=[5]=[10]=[11]
	1,871,557							1,871,557
	50,000) bro						50,000
		2,908,517			3,926,939	6,835,456		6,835,456
		1,414,483			4,320	1,410,163		1,410,163
					279,660	279,660		279,660
		2,837,172			3,470,878	6,308,050		6,308,050
		291,299			52,959	344,258		344,258
					79,331	79,331		79,331
		382,187			75,662	457,849		457,849
					1,164,295	1,164,295		1,164,295
- 7					1,773,699	1,773,699		1,773,699
					125,456	125,456		125,456
					441,000	441,000		441,000
					1,061,011	1,061,011		1,061,011
					391,844	391,844		391,844
					2,276,042	2,276,042		2,276,042
756,184	2,229,935							2,986,119
					1,350,497	1,350,497		1,350,497
					223,298	223,298		223,29
756,184	4,151,492	7,833,658			16,688,248	24,521,906		29,429,58

GRAND TOTAL

Project Carlisle: "Guaranteed Maximum Price"

Subcontractor GMP Summary

Subcontractor: Parsons Brinkerhoff

Design

ltem	Description	Original SubContract Order
1	PH III Detailed Design Deliverables	2,204,792
2	PH IV Construction Phase	1,104,023
3	Extended Construction Support	1,000,000
4	Design Support Team	675,000
5	Changes	į.
6	Additional Technical Resources (ATRs)	
7	Incentivisation	
8	Prolongation	
9	Design Coordination and Support	
10	Disruption Claim	
	Total	4,983,81

Scope Works						8-1-1-13
		Change				Grand Total
Original Subcontract Work	Already Submitted* and Agreed	Already Submitted* and Not Agreed	New Submission	Scope Works Total	Risk / Opportunity	
2,204,792				2,204,792		2,204,792
1,104,023			466,926	1,570,949		1,570,949
1,000,000	672,897		2,180,425	3,853,322		3,853,322
675,000	41,423		141,912	858,335		858,335
	3,189,303	271,977	1,082,493	4,543,772		4,543,772
1.	158,301		150,000	308,301		308,301
		973,214		973,214		973,214
	250,000	541,890	176,302	968,192		968,192
	495,000			495,000		495,000
			500,000	500,000		500,000
4,983,815	4,806,924	1,787,081	4,698,059	16,275,879		16,275,879

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APPENDIX 1.2

SIEMENS - Guaranteed Maximum Price Breakdown

See Attached Supplemental Information CD:

Appendix 1.2 - Siemens GMP Breakdown

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CONFIDENTIAL - Project Carlisle Initiative Proposal

CEC00183919_0028

CEC00183919_0029

SIEMENS

ETN - Edinburgh Tram Network Project Carlisle - Pricing

Overall Summary

Original Contract Value - Original CPA Split	£96.917.006,78
Deductions Project Carlisle - Airport to Terminal Point	-£3.704.441,04
Additional Costs Project Carlisle - Airport to Terminal Point 1	£26.005.861,69
CPA Project Carlisle - Airport to Terminal Point	£119.218.427,43
Change Orders	£5.308.309,69
Additonal GMP Carlisle components	£2.374.883,46
Total GMP Project Carlisle ²	£126.901.620,58

¹) Total amount of the Offshore Euro price is: € 3'822.327,56.

Offshore Euro rates are converted to GBP at the rate: 0,83333 (GBP/EUR).

We reserve the right to adjust the exchange rate (Euro to GBP) on the issue date of the Change Order

²) We reserve the right to adjust the total GMP Project Carlisle should the payment schedule to be agreed between the parties result in additional / unanticapated capital financing costs and / or charges.

SIEMENS

ETN - Edinburgh Tram Network

Project Carlisle - Pricing

Original Contract Value - Original CPA Split

Syste	M Wide Amount of -	
	Preliminanes	E24.802.164,89
	Design	£11.605.508,01
	Accompdation Works	£0,00
	Tram Supply	£1,058,275,98
	Testing & Commissioning	£40.751,37
	Supervisory Control & Comms Systems	£3,492,980,08
	Spares	£45,878,46
	Third Party Works	£27.509,21
	Amount of System Wide	£41,073,068,00

Amount of:-	
Preliminaries	£519.277.73
Design	£1.157.764,59
Track and Formation	£18.826.200,85
Tramstops & Equipment	£0,00
Depat	£5.330.320,41
Highways	£0,00
Buildings	£0,00
Interchanges	£0.00
Structures	£0,00
Supervisory Control & Comms Systems	£1.581.699,44
Tramstop Equipment	£841.640,27
OHL & Sub-stations	£10.031.473.91
Spares	£0,00
Risk	£0,00
Amount of Section A - Airport to Haymarket	£38,390,377,20

Amount of:-	
Preliminaries	£125.606,91
Design	£0,00
Track and Formation	£9.282.200.22
Tramstops & Equipment	£0,00
Highways	£0,00
Buildings	£0,00
Interchanges	£0,00
Structures	£0,00
Supervisory Control & Comms Systems	£1,612,356,20
Tramstop Equipment	£768,498,64
OHL & Sub-stations	£5.664.899.60
Spares	€0,00
Risk	E0.00
Amount of Section B - Haymarket to Newhaven	£17.453.561,68

	£96.917.006,78
Original Contract Value - Original CPA Split	£98,917,006,78
Tongital Coltilact value - Original Centophi	

Deductions Project Carlisle - Airport to Terminal Point

Amount of:-	
Preliminaries	+E480.078.40
Design	
Accompdation Works	
Tram Supply	
Testing & Commissioning	-£40,751,37
Supervisory Control & Comms Systems	
Spares	
Third Party Works	
Amount of System Wide	-£520,829,77

16	mount of:-	
F	177 March 1947	
	Preliminaries	
	Design	
	Track and Formation	
	Tramstops & Equipment	
F	Depot	
	Highways	
	Buildings	
	Interchanges	
	Structures	
	Supervisory Control & Comms Systems	
	Tramstop Equipment	
	OHL & Sub-stations	
	Spares	
	Risk	

Amount of:-	
Preliminaries	-£102.769,2
Design	10000000
Track and Formation	-£1 180,110,0
Tramstops & Equipment	
Highways	
Buildings	
Interchanges	
Structures	
Supervisory Control & Comms Systems	-£119.364,4
Tramstop Equipment	-£131,730,2
OHL & Sub-stations	-£1.649.637.2
Spares	
Risk	
Amount of Section B - Haymarket to Newhaven	-£3.183.611,2

Deductions Project Carlisle - Airport to Terminal Point	-£3.704.441,04

SIEMENS

ETN - Edinburgh Tram Network

Project Carlisle - Pricing

Additional Costs Project Carlisle - Airport to Terminal Point

	Amount at-	
	Preliminaries	£13.990.133,51
ı	Design	£1,298,539,83
ı	Accomodation Works	
1	Tram Supply	
1	Testing & Commissioning	
l l	Supervisory Control & Comms Systems	
1	Spares	
1	Third Party Works	and the second second
	Amount of System Wide	£15.288,673,35

Amount et-	
Preliminaries	£7.858.271,11
Design	
Track and Formation	£2,309,568,94
Tramstops & Equipment	
Depat	
Highways	
Buildings	
Interchanges	
Structures	
Supervisory Control & Comms Systems	
Tramstop Equipment	
OHL & Sub-stations	
Spares	
Risk	
Amount of Section A - Airport to Haymarket	£10,167,840,06

Amount of-	
Preliminaries	£27.709,64
Design	€0,00
Track and Formation	£190.208,70
Tramstops & Equipment	
Highways	
Buildings	
Interchanges	
Structures	
Supervisory Control & Comms Systems	
Tramstop Equipment	
OHL & Sub-stations	£331.429.95
Spaces	
Risk	
Amount of Section B - Haymarket to Newhaven	£549.348,28

£26.005.861,8	Additional Costs Project Carlisle - Airport to Terminal Point
	Additional Costs Project Cartisle - Airport to Terminal Point

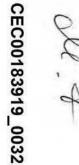
CPA Project Carlisle - Airport to Terminal Point

Systen	n Wide	
	Amount of:-	
	Preliminaries	£38.312.220.01
l	Design	£12.904.047.85
	Accomodation Works	60,00
	Tram Supply	£1.058.275.98
	Testing & Commissioning	E0,00
	Supervisory Control & Comms Systems	£3,492,980,08
	Spares	£45.878.46
	Third Party Works	£27.509,21
	Amount of System Wide	£55,840,911,58

	- Airport to Haymarket	
1	Amount of:-	
1		
	Preliminaries	£8.477.548,85
	Design	£1,157,764,59
	Track and Formation	£21.137.769,79
1 1	Tramstops & Equipment	€0,00
1	Depot	£5.330.320,41
	Highways	£0,00
1 1	Buildings	E0,00
1 1	Inferchanges	50,00
	Structures	20,00
1 1	Supervisory Control & Comms Systems	£1.581.699,44
1 1	Tramstop Equipment	£841.640,27
1 [OHL & Sub-stations	£10.031.473,91
1 1	Spares	£0,00
1	Risk	£0,00
1 7	Amount of Section A - Airport to Haymarket	£48,558,217,26

	Amount of:-	
- 1	Preliminaries	£50,547,26
12	Design	50,003
	Track and Formation	£8.292.298,84
	Tramstops & Equipment	£0,00
- 1	Highways	£0,00
- 0	Buildings	€0,00
	Interchanges	E0,00
- 1	Structures	£0,00
- 10	Supervisory Control & Comms Systems	£1,492,991,76
- 7	Tramstop Equipment	£636,768,44
1.0	OHL & Sub-stations	£4.346.692.29
- 0	Spáres	€0,00
1	Risk	£0,00
	Amount of Section B - Haymarket to Newhaven	£14,819,298,58

CPA Project Carlisle - Airport to Terminal Point	£119.218.427.4
CPA Project Carisie - Airport to Terminal Point	£113.410.4





ETN - Edinburgh Tram Network

Project Carlisle - Pricing

Change Orders

Topic	Correspondence	Price
Various Traffic Signal requirements	INTC-0050	£30.550,32
Noise & Vibration survey	INTC-0438	£146,128,00
Substation Quotations Scottish Power / Core connections	TNC-0014	£1.312.830,68
Guided Busway (Rheda City vs. Direct Fixation)	INTC-0421	£550.000.00
HV/LV Works -agreed variation	TNC-0014	£324.683,32
TS works (Urban Traffic Control)	TNC-0016	£270.740,00
EoT#1	INTC-0001	£1.299.000,02
TS works - Mobilisation and Jct 41	INTC-0505	£262.900,00
VE-0015: Roseburn Street Viaduct- Impact from OLE	VE-0015	£12.063,00
VE-0014: A8 Underpass (height reduction 5m -> 4.5m)	VE-0014	£140.010,98
Depot Turntable (design)	INTC-0412	£26.435,00
E&B Checking Impact on: Gogarburn-Bridge	INTC-0111	£3.394,88
E&B Checking Impact on Edinburgh Park Station Bridge	INTC-0160	£3.394.88
New Ingliston Limited (design)	INTC-0258	£36.784.00
BAA Dualling Proofing > abortive costs	INTC-0417	£8.136,00
E&B Checking Impact on: Baird Drive RTW	INTC-0104	£3.394,88
E&B Checking Impact on: Carricknowe Bridge	INTC-0115	£3.394,88
Airport canopy (OLE impact)	INTC-0277	£30.216,76
Sub Station Cathedral Lane; Design-Support	INTC-0281	£27.192,60
Crawley Tunnel (Princes St.) - Abortive costs for TRW	INTC-0305	£10_144,00
Gogar Landfill, Trackform Rheda G to Ballast (design)	INTC-0374d	£101.509,16
Floating Slab Design	INTC-0515	£121.847,31
Reinforced Rheda Track instead of BB improvement layer; (Shallow depth location) - design	INTC-0588	£45.381,00
OLE related planning consents	INTC-0612	£66.704,00
Trackwork works disruption due to Princes Street works	SV-0112	£138,820,2°
PSSA-TLC disruption costs	SV-0100a	£15.000,00
Design Change Edinburgh Park Station / section 7A	INTC-0152	£10.847,86
Roseburn Street Viaduct-Impact from TRW	VE-0015	£50.982,64
Depot Turntable (construction)	INTC-0412	£17.166,76
HV Scotish Power Connections (Gogar-Depot Change): Maybury Road Overbreak	INTC-0547	£47.203.58
HV Scotish Power Connections: Switching Station location change at Gogar Depot	INTC-0643	£90.492,00
HV Ingleston Wayleave Problems	INTC-0644	£35.547,00
HV Jenners Add) Reinforcement	INTC-0645	£65.414,00
Total Change Orders		£5.308.309,69

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SIEMENS

ETN - Edinburgh Tram Network

Project Carlisle - Pricing

Additional GMP Carlisle components

Topic	Price
Urban Traffic Light Control scope limited to Airport until Terminal Point	£2.087.086,79
OLE pole finials for street lighting	£287.796,67
Total additional GMP compenents	£2.374.883,46

APPENDIX 1.3

CAF - Guaranteed Maximum Price Breakdown

See Attached Supplemental Information CD:

Appendix 1.3-: CAF GMP Breakdown

Note: The CAF GMP is based on GBP and Euro values.

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CAF cost associated with Project Carlisle

Assumptions:

- The Delay Costs below are generated by delays incurred by the project and fomalized with Project Carlisle. They include the claims presently held by CAF for other delay claims (MUDFA, ETN, etc.). There would be no double recovery, so if Project Carlisle would be retained by Tie, the other claims for delay generated costs would be settled with these amounts.
- To obtain the total amount that would be due to CAF, we add two components: Delay Costs, as
 explained above, and normal Contractual Payments pending as of 23 July 2010 (certified
 milestones or not, all payments until completion of TSA).
- CAF has assumed Tie will continue to pay Tram Delivery Milestones as it is doing today. CAF
 has assumed the Comissioning Milestones will not be payed until the infrastructure allows
 Comissioning tests to occur, and therefore they will be delayed, incurring Delay Costs.
- CAF has analized the Infrastructure availability during the Comissioning, and presently understands that the rate in the Contractual Programme (three trams per month commissioned) cannot be sustained under the precarious conditions associated with Infrastructure availability at the first stages of Project Carlisle. We understand that the rate must be a maximum of 2 tramways per month, and the Programme would need to be updated to reflect that rate. Nevertheless we estimate that enough trams can be commissioned so no delay is introduced in the start of service for that reason. As required by the Consortium in P. Carlisle, these delays in tram commissioning should not generate LDs to CAF (as the tramways are being delivered to date and are available for commissioning as contractually required).
- The cost of the maintenance of tramways will decrease due to less kilometres of service per year, while the line is not completed. We estimate the number of kilometres will amount to a quantity smaller that what is foreseen in the TMA, and therefore needs to be agreed, logically the cost per kilometre will be higher than the costs agreed, although the total Maintenance Cost according to the TMA will be smaller. CAF has not the information to estimate that TMA price reduction (year kms targeted by Tie under P. Carlisle), and it is not included in the amounts below.
- The Delay costs have been estimated according to the Programme Project Carlisle Revision 00, (100729).

Delay costs:

OVERALL COST	COSTS	
Warranties	698.317,75	euros
Technical office	104.000,00	euros
Consultancy firms	77.328,00	euros
Project Management	254.338,28	euros
Maintenance	448.283,33	euros
Financial impact	600.991,79€	euros
Foreign Exchange	67.199,51	euros
Legal Department	46.800,00	euros
Comercial Department	46.800,00	euros
TOTAL 1	2.344.058,67	euros
Cost at CAF IRUN for UT3-UT14	COSTS	
Parking at CAF IRUN	813.713,27	euros
Security for the trams	21.276,00	euros

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Insurances	45.742,40	euros
Additional Couplings & Uncoupling	0,00	euros
Normal Maintenance	4.520,00	euros
Long Term Maintenance	292.428,00	euros
Total 2	1.177.679,67	euros
Costs at RENFE IRUN for UT3-UT14	COSTS	
Parking at RENFE IRUN	622.079,58	euros
Security for the trams	217.618,46	euros
Insurances	258.956,34	euros
Additional Couplings & Uncoupling	48.738,00	euros
Normal Maintenance	25.588,57	euros
Long Term Maintenance	0,00	euros
Total 3	1.172.980,95	euros
COST at CAF IRUN for UT15-UT27	COSTS	
Parking at CAF IRUN	0,00	euros
Security for the trams	69.738,00	euros
Insurances	324.476,11	euros
Additional Couplings & Uncoupling	0,00	euros
Normal Maintenance	32.062,86	euros
Long Term Maintenance	316.797,00	euros
Total 4	743.073,97	euros

Grand Total (1+2+3+4) Delay Costs

5.437.793,27 Euros

TSA Pending payments:

TSA pending payments as of 27th July 2010: £13.074.780,34

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APPENDIX 1.4

SDS - Guaranteed Maximum Price Breakdown

See Attached Supplemental Information CD:

Appendix 1.4 - SDS GMP Breakdown

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Summary

SDS ref:	Туре	Description	Comments	Fee to Compl	ete	Certified to Date*	Ov	erall Fee	
ULE90390A	Core Scope	Core Scope			£ 220.0	13.00	£ 1,984,779.00	£	2,204,792.00
ULE90390A	Changes			£ 1,892,7	68.34	£ 2,651,004.06	3	4,543,772.40	
ULE90485A	DC - Design Coordination			£ 141,4	28.57	£ 353,571.43	£	495,000.00	
ULE90391A	Phase IV			£ 875,9	61.43	£ 694,988.00	£	1,570,949.43	
ULE90393A	DS - Design Support			£ 141,9	11.57			858,335.20	
ULE90392A	ECS - Extended Construction Support		Harris Harris	£ 2,180,4	25.00	£ 1,672,897.00		3.853,322.00	
ULE90392A	ATR			The state of the s		£ 158.301.00		308,301.00	
ULE90390A	Disruption			The state of the s	00.00	£	3	500,000.00	
ULE90474A	Prolongation			£ 768.1	92.46	£ 200,000.00	£	968,192.46	
ULE90390A	Incentivisation			£ 973,2	14.28	£ -	£	973,214.28	
			1						

Total	£	7,843,914.65	£	8,431,964.12	£	16,275,878.77
NO. OW						

Assumptions:

* Certified on 13/07/10 for works up to 19/06/10

Fee for MUDFA/Utility works associated with the Collateral Warranty in favour of tie from the SDS Provider is not included 1 in this Summary and is not therefore considered to be included in the 'Overall Fee' for this scope of works.

CEC00183919_0039

SDS ref: ULE90390A Core Scope

Date from	Date to	Description	Comments	Value		
15 May 2008	01 November 2010	Phase III works outstanding	10% of late deliverables - secured when DAS issued	£	36,000.00	
		Phase III works outstanding	Systems Assurance deliverables	£	193,011.00	
15 May 2010			Adjustment for MUDFA contract	-£	14,603.00	
15 May 2010			Adjustment for DCR0114	£	5,605.00	

Total £ 220,013.00

Dates above relate to V 60 of the SDS Design Delivery Programme

SDS ref: <u>ULE90390A</u> Changes

Date to	Description	Comments	Value		
01 June 2010	BSC Change Instructed (DCO)	Remainder of fee for instructed changes	£ 866,246.09		
01 June 2010	BSC Change Estimated	Changes not yet instructed	£ 1,032,127.25		
		Adjustment for DCR0114	-£ 5,605.00		
		7			
	01 June 2010	01 June 2010 BSC Change Estimated	01 June 2010 BSC Change Estimated Changes not yet instructed		

Total £ 1,892,768.34

SDS ref: ULE90485A DC - Design Coordination

Date from	Date to	Description	Comments	No. of Weeks	Rate	Value
17 January 2010	31 January 2010	Remainder of DC monies	Period 4 & Period 5			£ 141,428.57
	-				-	
					-	
						d
					1	1
					1	
						-

Total

£ 141,428.57

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A-a-a-a-a-			
SDS ref:	ULE90391A	Phase IV	

Date from	Date to	o Description Comments		No. of Weeks	Rate	Value	
18 June 2010	15 July 2011	Fee for Phase IV - As Builts	Pro Rata 25.6k per period Plus £50k Post Construction Surveys			£ 409,035.0	
19 July 2010	01 November 2010		37.5	15	£ 95.00		
02 November 2010		Jason Chandler	7.5		£ 95.00		
	01 November 2010		37.5		£ 95.00		
	21 December 2011		15		£ 95.00		
	01 November 2010		37.5		£ 38.00		
19 July 2010		Pauline Benn	37.5		£38.00		
15 July 2011		Colin Cromar	37.5		£ 49.00		
	26 November 2010		4		£ 78.00		
	26 November 2010		24		£ 95.00		
	rawings Yet to Be Co					-£ 75,000.00	

Total £ 875,961.43

Jason Chandler Full time Project Management during completion of the detailed design and then 1 day per week until the end of the commission

Full time commercial suppport during completion of the detailed design and then 2 day per week until the end of the commission

preparing invoices, ATRs, change estimates. Kate Shudall

Secretarial and office management support to the completion of the SDS detailed design Claire Paterson

Pauline Benn Document control support until the end of the SDS commission Colin Cromar As built drawing preparation and CAD support

Martin Alexander Updating of Design Programme until end of detailed design completion

Halcrow PM cover until end of detailed design. Brian McCrear



SDS ref: ULE90393A DS - Design Support

Date from	Date to	Description	Comments	No. of Weeks	Rate	Total
01 July 2010	01 November 2010	Alan Dolan	9.5	18	£ 95.00	£ 15,858.2
01 July 2010	01 November 2010	Mike Coupe	37.5	18	£ 95.00	
01 July 2010	01 November 2010	Claire Ferguson	9.5	18	£ 38.00	
01 July 2010			15	18	£ 78.00	
01 July 2010			37.5	18	£ 38.00	
21 June 2010	30 June 2010	See Latest Application				£ 11,514.0

Total £ 141,911.57

SDS ref:	ULE90392A	ECS - Extended Construction Support

Date from	Date to	Description	Comments	No. of Weeks	Rate	T	otal
01 July 2010	01 November 2010	Alan Dolan - Time split with Design Support until 1/11/10	28	18	£ 95.0	0 £	46,740.00
01 July 2010	01 November 2010	Claire Ferguson - Time split with Design Support until 1/11/10	28	18	£ 38.0	0 £	18,696.00
01 November 2010	25 May 2012	Alan Dolan	37.5	82	£ 95.0	0 £	290,598.21
01 November 2010	25 May 2012	Claire Ferguson	37.5	82	£ 38.0	00 £	116,239.29
01 July 2010	25 May 2012	Chris Reid	37.5	99	£ 95.0	0 £	353,196.43
01 July 2010	27 May 2011	Tom Kelly	37.5	47	£ 95.0	10 5	167,946.43
01 July 2010	29 July 2011	Scott Kelland	37.5	56	£ 78.0	0 £	164,217.86
01 July 2010	31 August 2012	Jacek Stachowiak	37.5	113	£ 49.0	0 £	207,900.00
01 July 2010	01 January 2011	Steve Anderson	37.5	26	£ 78.0	0 £	76,885.71
01 July 2010	01 May 2012	Stephen Surtees	37.5	96	£ 95.0	0 £	340,982.14
01 July 2010	28 October 2010	Tom Culligan	37.5	17	£ 78.0	0 8	49,725.00
01 July 2010	01 May 2011	Kevin McGinty	37.5	43	£ 78.0	0 £	127,028.57
As required	2 months	Roads Engineer - Lindsey Road and Depot access road	37.5	8	£ 95.0	0 £	28,500.00
01 July 2010	29 July 2011	Structures Engineer	37.5	56	£ 78.0	0 2	164,217.86
21 June 2010	30 June 2010	See Latest Application				£	27,551.50

Total £ 2,180,425.00

K'M

SDS ref: ULE90390A Disruption

Date from	Date to	Description	Comments	Value		
01 January 2008	30 December 2008	Net of EOT		£ 316,902		
01 January 2009	30 December 2009	Net of EOT		£ 503,149		
01 January 2010	30 June 2010	Net of EOT		£ 125,000		

Total £945,051.00

REDUCED CLAIM FOR EARLY SETTLEMENT THROUGH THIS EXERCISE

500,000

H 7 CEC00183919_0045 SDS ref: ULE90474A Prolongation

Date from	Date to	Description	Comments	Value
15 May 2008		PB and Halcrow Prolongation Claim Up to 26th Sept '09 only	£50k of £250k oustanding as per MoU	£ 50,000.00
15 May 2008		PB and Halcrow Prolongation Claim Up to 26th Sept '09 only	£792k of total Claim minus £250k accetped under MoU	£ 541,890.00
26 September 2009	02 November 2009	PB and Halcrow Prolongation Claim Up to 02nd Nov '09 only	EOT bewteen 26th Sept '09 and 02 November '09	£ 60,252.00
28 February 2010		PB and Halcrow Prolongation Claim Up to 16th July '10 only	EOT bewteen 28th Feb '10 and 16th July '10	£ 116,050.46
				1

Total £ 768,192.46

Summary of supporting information

15 May 2008 to 28 February 2009

Detailed in SDS Contract Additional Managament and Supervision Document of 31 May 2009

02 March 2009 to 25 September 2009

Detailed in e mail from Steve Reynolds to martin Foerder on 29/09/2009 13:25

Total of above £791,890 for the period May 2008 to 25 September 2009

26 September 2009 to 2 November 2009 D

Detailed on Tab labelled Prolongation 26-9-09 to 2-11-09

28 February 2010 to 16 July 2010

Detailed on Tab labelled Prolongation 28-2-10 to 16-7-10

H, F

SDS ref: ULE90390A Incentivisation

Date from	Date to	Description	Comments	Value
15 May 2008	Present	Incentivisation	Issued on time	£ 508,928.57
15 May 2008	Present	Incentivisation	Delayed due to tie/CEC Delay	£ 464,285.71

Total £ 973,214.28

EDINBURGH TRAM NETWORK - BSC CHANGE INSTRUCTED

	DETA (DOC)	22 1101011	By SDS			From BBS								1
des	Ref to tie	Short Tille	Change Estim	Dale	Value	Change Order Number	Dale	Value		DC Change?	Adjustment due	Certified	Confirmation	Cost for Drawings
esson y	INTC (BSC)	OW/Asternay	The same			105101010		russia			10 00		Fee Remaining	MANAGEMENT OF THE PROPERTY OF THE PARTY OF T
ndex	Ref to the	Short Title	Number	Dalm	Value	Number DC0011	Date	Value	700 20 00	DC Change?	-	Certified	Fee Remaining	Challenged by Ile
DCR0024	VE	Roseburn Street Viaduct VE	DCR0024	03/09/2008	316,619	(was DC(005)	06/08/2009	3	316,619		2 .	£ 284,957.10	£ 31,661 90	1
DCR0082	76	Gogar Additional Tramstop	DCR0082	11/03/09	340,938	DCO055	16/06/2009	8	340,936		. 2	€ 262,522.26	€ 78,415.74	
DCR0082A		Detailed Design Gegar Additional Tramatop	DODOOGOA									£ 62,938 90		
		Further requirements	DCR0082A	25/03/10	£101,514.35	DCO121	24/06/2010	£	100,877				£ 37,937.95	E 638.0
DCR0101	278 145	Wider Area Modelling SG Transdey comments	DCR0101 DCR0102	23/09/2008 E 27/02/2009 E	6,500 15,162	DCO093	06/01/2010		4,875	-5	1,625	£ 4,875.00	2 1,625.00	
Contract Street		5C CEC comment to make	See Contract	Carried Street		CO-PROCESSIAN PRO	-	1					·	
DCR0104	143	Lechside sip të adoptable standards	DCR0104	10/07/2009	34,132	DC0071	23/09/2000	2	34,132		r -	£ 30,718.80	€ 3,413.20	N ()
DCR0125	269	Trackform - ground improvement	DCR0125	29/01/2009	274,686	DC0018	23/02/2009	1	274,686			£ 239,965.10	£ 34,720 45	
uchol23	200	and vibration mitigation	DUN0125	23/01/2009	274,000	000010	S. S. Ourie O. O.		274,000			235,363,10	34,72043	
DCR0127	244	Building Fixing Owner Agreements	DCR0127	29/01/2009	14,265	DC0080	09/12/2009	٤	14,265	1	. 3	SASSAC SIN	14,265.00	
DCR0134	258	Nit. further future grooting	DCR0134	24/02/2009 €	49,542	DCO059	02/07/2009	3	40,542		r	£ 34,460,28	£ 6,081 22	
DCR0140	271	Hoads construction analysis of results	DCR0140	29/01/2009	299,440	DCO020	25/02/2000	2	299,440		t .	98,815.20	€ 200,624.80	
DCR0141	289	Hawthome Vale cycleway	DCR0141	11/09/2009	4,894	DC0081	10/12/2000		4,894	.2		1,769.90	€ 3,124.10	4.5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
		Design of Canopy and boundary												
DCR0146	277	treatement at Airport Klosk	DCR0146	25/02/2009	42,574	DCO038	15/05/2005	E	42,574		E -	34,059.20	€ 8,514,80	
DCR0147	287	Forth Ports Access rd traffic signal	DCR0147	26/02/2009 E	7,778	DCQ062	28/97/2000	E	7,778		r .	£ 7,000 20	£ 777.80	
DCR0151		West Depot Turnaut Revision	DCR0151_	10/07/2009 E	3,205	000079	0.0/12/2000	· - · - ·	3,205	-7			£ 3,204 50	
DCR0160		Existing Butter to North of Goger	DCR0160	17/04/2009 6	14,632	DCQ058	17/06/2009	E	14,632		- 2	E 14,632.00	£ .	
		Depot - Earthworks Cathedral Lane substation												
DCR0167	281	alternative design - Henderson	DCR0167	30/10/2009	119,171	DC0084	10/12/2009	E	119,171	1	2 -	£ 20,000 00	£ 99,171.00	£ 5,625.0
		Global Concept Re-design WEBS trackform and												
DCR0168	0.000	drainage	DCR0168	23/04/2009 5	41,305	DC0044	09/05/2009	t	41,304		£ .	E 33,043.60	E 8,260.40	Control Section
DCR0170	270	RBS Tramstop Existing Utility	DOROT70	02/09/2009	9,775	DC0078	03/12/2009	£	1,665	1	e -	E 233.00	£ 1,332.00	
DCR0177	377	OLE development workshop	DCR0177	01/05/2009	5.500	DC0073	28/08/2000	ć	6,511		· ·	£ 5,859.90	£ 651.10	
DCR0178	378	OLE development workshop	DCR0178	01/05/2009 €	6,260	000051	08/08/2009	5	6,260			£ 1,585.00	£ 4,695.00	
DCR0179 DCR0181	203	OLE development workshop Deput Additional Design	DCR0179 DCR0181	01/05/2009 E	47,267	DC0074 DC00100	28/08/2009		47,262 35,138	-2	11,715	£ 42,535.80 £ 35,138.00	£ 4,726.20 £ 11,713.00	
DCR0181	310	Dispot Additional Design Gogar Landlis Scottish Water	DCR0191	05/08/2009 E	16,284	DC0083	10/12/2009	-	15,284			¢ 14.655.60	£ 1,628 40	
		Altity Diversion								+				
DCR0193		Street Lighting Haymarket Terrace	DCR0193	09/12/2009 €	2,129	DCO105	0601/2010	E	380		£ .		£ 380 00	
DCH0195	439	Office Move BAA Dualing Future proofing -		30/07/2009 C	17,113	DC0064	30/97/2000	3	28,000		£ 10,867	E 17,113.00	2	
DCR0198	417	Eastfield Avenue	DCR0198	27/08/2009	1,112	DC0088	10/12/2009	5	1,112	1	£ .	E 758 52	€ 353,48	
DCR0200	450	BAA New Burnside Road	DCR0200	01/10/2009	5,944	DC0089	10/12/2000	2	6,819	7	r ·	£ 3,409.25	£ 2,534.25	£ 875.0
DCR0202	463	Alignment Forth Ports Drainage Approvals	DCR0202	10/12/2009 E	11,771	DC0085	10/12/2000	168	4,500				£ 4,500.00	£ 467.5
DCR0203	461	Forth Ports substation re design	DCR0203	10/12/2009 €	11,750	DC0086	10/12/2009	É	10,000	3	1,750	£ 9,000,00	£ 2,749.50	E 382.5
DCR0205	465	Redesign of disinage and stops	DCR0205	10/12/2000 €	Control of the Contro	DC0087	10/12/2009		2,000	1	£ 1,262	£ 2,000.00	£ 1,261.50	£ 42.5
DCR0209	305	due to BAA/CCRC interface Crawley Tunnet Underground	DCROSON	05/05/2016 E	20.00	DCOIN	06/01/2010		10.750			. 10.750.00	F 1/1/20	
DCH0209	305	Chamber and Services	DCR0209	05/01/2016 E	20,164	DCO101	00/01/2010		18,750		£ 1,414	18,750.00	£ 1,414.00	
DCR0212A	476	Tram Stops Development Workshop - All works	DCR0212A	22/02/2010 €	116,773	DCO108	06/01/2010	2	26,250	1	€ 90,523	£ 23,625 00	£ 93,148 00	£ 3,570 0
DCR0213A	477	Substation Development	DCR0213A	13/11/2009 E	139,950	DC0111	15/01/2010	10	67,500		€ 72,450	£ 57,735 00	£ 82,215 00	£ 892.5
		Workshop - All works Prevision of 110v Supply to												002.5
DCR0214		Transtops	DCR0214	11/09/2009	11,357	DCQ103	06/01/2010	2	8,518	1	€ 2,839	£ 7,656 20	E 3,690 80	
DCR0216	488	Drainage Development Workshop	DCR0216	21/12/2009	39,335	DCO109	06/01/2010	3	18,750		20,585	£ 15,937.50	£ 23,397 50	£ 2,635.0
DCR0219 DCR0220	499 512	Frederick Street new crossing Compressed Air Supply	DCR0219	25/02/2910 E 04/11/2009 E		DCO110 DCO104	06/01/2010	è	11,250		E 105	£ 7,500.00 £ 3,750.00	£ 3,854 50	£ 552.5
		Civils re-design to suit Sigmens	DCR0550		19,007				3,750		56,257	3,750.00	£6,256 50	
DCR0227	376	OLE design	DCR0227	00/01/2010 E	137,948	DCO114	16/03/2010		60,000		E 77,948	€ 54,000 00	E 83,947.50	E 4,250.0
THE PARTY	1	The same of the last of the la		The state of	2,350,264	Court City St. A. C.	1.000		0,028.00	the supplied of the	Tc 977,581.50	E 1,451,089.31	C 866,246,09	E 19,930.5

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EDINBURGH TRAM NETWORK - BSC CHANGE ESTIMATED*

ndex	INTC (BSC)	Short Tille	Section	By SDS Change Estima	ate		From BBS Change Order					
	Ref to the	SHOT THE	Socion	Number	Date	Value	Number	Date	Value	Certified	Fee Remaining	Cost for Drawings
dex	INTC (BSC) Ref to tie	Short Title	Section	Number	Date	Value	Number	Date	Value	Certified	Fee Remaining	Challenged by lie
DCR0062	61	Gogar Surcharge Utilisation	7A	DCR0062	01/08/2008					2 -	£ 1,994.00	
DCR0196		Informal Consultation TRO	sw	DCR0195	31/07/2009	£ 77,940			+		£ 77,940.00	
DCR0226		Changes OLE Base Special Airport	7A	DCR0226	31/03/2010	£ 27,890			+	£ 5,578.00	£ 22,311.50	£ 297
DCR0229		OLE Plinths on Structures	sw	DCR0229	08/04/2010	£ 115,526			+		£ 115,525.75	
DCR0233	529	Gogar Landlil profile re design	7A	DCR0233	10/03/2010	£ 19,675				£ 19,674.50	e 2	£ 263
DCR0235		Special Trackform on Leith Walk	18	DCR0235	08/04/2010	£ 8,229			+		£ 8,228,75	E 42
DCR0237		Railway Bridge Floating Track Design	sw	DCR0237	08/04/2010	€ 68,510					£ 68,510.00	
		Hydraulic Model of Gogarburn										
DCR0238		Rotaining Walls	7A	DCR0238	10/03/2010						£ 57,960.00	
DCR0241		Topo Survey ScotRail Depot Changes to Murraylield	5A	DCR0241	02/03/2010	E 1,543				£ 1,542.50	£ +	
DCR0242	167	Accompdation Works - Wanderers Club House	5A	DCR0242	15/03/2010	£ 692					\$ 692.00	
DCR0248		Special Trackform Construction at Shallow Depth obstructions	1	DCR0248	14/05/2010	£ 61,695					£ 61,694.50	
DCR0250		Further to DCR0113 amendments are required to Internal Relaining Wall for Haymarkel Viaduct	2A	DCR0250	12/05/2010	£ 3,606		00.00		2 3,606,00	. 2	
DCR0251		Reinstate traffic island on Princes St	IC	DCR0251	04/05/2010	£ 1,140					Σ 1,140.00	
DCR0253		Russell Road Relaining Wall Installation Error	5A	DCR0253	24/05/2010	£ 23,757					£ 23,757,00	
DCR0255		Grovenor Street 2 Way Change	1D	DCR0255	04/05/2010	£ 49,980			1		£ 49,980,00	£ 850
DCR0256		Cathedral Lane Substation Misalignment	ic	DCR0256	25/05/2010	£ 23,114			1	£ 20,000,00	£ 3,113,50	
DCR0257		Russell Road Relaining Wall unforeseen ground conditions W3	5A	DCR0257	04/05/2010	E 7,411					£ 7,411,00	
DCR0259		Special Trackform Construction at		DCR0259	20/05/2010	E 18,720					£ 18,720.25	
DCNU233		Shallow Depth obstructions		D. 922 ACM 100 To	and the state of	of yet formally submit	Ited/reviewed by	BSC	_		1 (04) 20,20	
DCR0134A	258	NIL further future proofing - DLE changes	7A			£ 4,378			Longon		£ 4,378.00	
DCR0245		OLE Special Foundations Several	sw			£ 105,438			1		€ 105,437,50	
DCR0263		TO1853 - Update 58 MX file	58			£ 3,833					£ 3,632.50	
DCR0265	485	Tram Turnback Strategy DKE review of CAF tram - Close	sw								00,000,08	
DCR0271		out of OKE analysis and issue of	SW			£ 7,733					£ 7,732 50	
DCR0272		Haymarket OLE Plinths	2A			£ 1,883					£ 1,882,50	henouses
DCR0274	-10,000	Murrayfield Stadium Retaining Walls Ground Improvement Change - TQ1809	5A			£ 52,400					£ 52,400,00	erettigtete.
DCR0222		Street Lighting new comment - conical aluminium	1D			£ 6,683			1		£ 6,582.50	
DCR0230		Ducting inc on Structures - Slemens additional requirements		1		£ 57,500					£ 57,500,00	
DCR0231		Earthing and Bending Developement Workshop	sw			£ 73,157			1		£ 73,157.00	
DCR0264		Misalignment Listed Building Consents for Dublin	1C			£ 11,250			1		£ 11,250.00	+
DCR0267		Depot Tram Wash Equipment	6			£ 26,343			+		£ 25,343,00	
DCR0268		Depot Revisied layout showing				£ 10,005			-		£ 10,005,00	
DCR0269		Service requirements Depot Earthing and Bonding and				£ 14,105			1,		£ 14,105,00	
DCR0270		Special Sub-stations Tramslop Layoui Changes	sw			£ 23,888			1		£ 23,887.50	
DCR0273	586	Junction of the Mound, Princes St and Hanover St	1Ç			£ 4,556			1		£ 4,556.00	
DCR0277		CCRC walkway Earthing and	7A			E 10,000			1		£ 10,000,00	
		Bonding Additional Cross Sections for	6			E 8,000			1		£ 8,000.00	
DCH0262		Depot Formation Design										
DCR0262 DCR0283		OLE updates for schedules of Bases - Revsiion F emailed to SDS	SW			£ 12,000					£ 12,000.00	

Only Changes listed above (plus previously instructed) are included in the GMP fee

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29/07/2010

EDINBURGH TRAM NETWORK - CHANGES MAY OR MAY NOT BE REQUIRED BUT SCOPE YET TO BE CONFIRMED FOR THE PURPOSE OF CHANGE ESTIMATING AND INSTRUCTION!

ndex	INTC (BSC) Ref to tle	Short Title	Full Description	From BBS Change Notifica Reterence		By SOS Change Estim Number	ate Dote	Value	Certified	Fee Remaining	Commente
ndex	Ref to tie	Short Title	Full Description	Beterenca	Data	Number	Date	Value	Contilled	Fee Remaining	Comments
DCR0144 DCR0228		piage E nanoscape nistwings	As per CEC Informative and meeting Sept 19 Changes in \$25 and W11 detailed design as per DCHD133 least billy record						E E	- t .	Scope not yet confined Jih Estante excluded a RAP. Scope not yet confined. No Estante exclude a CAP.
DCR0232		Tower Place Bridge - Remove Ramp, Remove concrete downstand, Revise OLE Beseplate	Sec RDC154	RDC154 RDC154A	21/01/2010 02/07/2010				£		Scope not yet confirmed - currently thought to be unapproveable. No Estimate included in GMP
DCR0240		Forth Ports Section 1A - Fence Alterations	Additional constraints in Casino area				-		£	- E .	Scope not yet confirmed. No Estimate included in GMP
DCR0243		Advanced Directional Signing for Constitution St	New CEC comment related to the provision of additional signs, not previously discussed						e	· c .	Scope not yet confirmed No Estimale included in GMP
DCR0244		Undsay Rd phone mast	New phone must construction conflicts with proposed instructed design			2/2/2/2			E		Scope not yet confirmed. No Estimate included in GMP
DCR0252		Mounting of sign plates on buildings or railings	Letter request to review all possibilities						E	- c .	Scope not yet confirmed. No Estimate included in GMP
DCR0261		Roseburn St Viaduct curtain walls	Design of curtain walks required at Roseburn St in lieu of current lencing proposals in the vicinity of each abutment	R0C167	20/05/2010				£	- e .	Scope not yet confirmed No Estimate included in GMP
DCR0266		Murrayfield Tramstop Layout Changes	Bolland, Fence and Turnstile Changes						ε	-	Scope not yet confirmed. Na Estimate erobuted in GMP
DCR0276		Elder Street Junction	Redesign Junction as requested by CEC	RDC170	06/07/2010				E	•	Scope not yet confirmed. No Estimate excluded in GMP
DCR0278		Picardy Place Detailed Design	Further to DCR0173 & DCR0221		1175				E		Scope not yet confirmed. No Estimate included in GMP
DCR0280		Pedestrian Guardrail Change							£		Scope not yet confirmed. No Estimate included in GMP
DCR0281		Bogar Interchange - Name Change	Edinburgh Galoway		1				2		Scope not yet confirmed. No Estimate included in GMP
DCR0282		Gogar Interchange - A8 Drainage	Relocate contined sewer						£		Scope net yet confirmed No Estrayde included in CIMI [®]
					1			6			

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29/07/2010

EOT bewteen 26th September '09 and 2nd Nov '09

20/07/2010

Employee/Supplier	Data	Week					Total
		28/09/2009	05/10/2009	12/10/2009	19/10/2009	26/10/2009	
CHANDLER, JASON ROY	Sum of Quantity	35.5	34.5	37.5	37.5	30	175
	Average of Contract Rate	95	95	95	95	95	95
	Sum of Contract Estimate	3372.5	3277.5	3562.5	3562.5	2850	16625
CHANDLER, Mrs. CARLA (CARLA)	Sum of Quantity	11.5	29	37.5	33.5	32.5	144
	Average of Contract Rate	78	78	78	78	78	
	Sum of Contract Estimate	897	2262	2925	2613	2535	
SHUDALL, KATE	Sum of Quantity	7.5	11.5	12.5	12.5	12.5	56.5
	Average of Contract Rate	95	95	95	95	95	
	Sum of Contract Estimate	712.5	1092.5	1187.5	1187.5	1187.5	5367.5
(Sum of Quantity	9	11	12.5	12.5	12.5	57.5
	Average of Contract Rate	95	95	95	95	95	95
	Sum of Contract Estimate	855	1045	1187.5	1187.5	1187.5	5462.5
	Sum of Quantity	8.5	11	12.5	12.5	12.5	57
	Average of Contract Rate	95	95	95	95	95	95
	Sum of Contract Estimate	807.5	1045	1187.5	1187.5	1187.5	5415

Total Sum of Quantity	72	97	112.5	108.5	100	490
Total Average of Contract Rate	93.45454545	91.6	91.6	91.6	92.34375	92.10077519
Total Sum of Contract Estimate	6644.5	8722	10050	9738	8947.5	44102

Halcrow

Brian McCrear	85	
	95	
	8075	8075
Laurie Mentiplay	85	
	95	
	8075	8075

Total £ 60,252.00



Employee	Data	Week				DVIII and		f	Carry Tree To				-					1		Sugar I	
		01/03/2010	08/03/2010	15/03/2010	22/03/2010	29/03/2010	05/04/2010	12/04/2010	19/04/2010	26/04/2010	03/05/2010	10/05/2010	17/05/2010	24/05/2010	31/05/2010	07/06/2010	14/86/2010	21/08/2010	29/05/2010	05/07/2010	Total
CHANDLER JASON ROY	Sum of Osiamity	35.3	27.5	37.5	34	- 30	30	15			22.5	30	37.5	37.5	22.5		37.5	301	37.5	7.5	48
	Average of Contract Rate	93	95	95	95	95	95	95			99	95	95	95	95		95	95	195	95	95
STITUTE I'M	Sum of Contract Exposure	33725	3562.5	3562.5	3530	2850	2850	1425	3		2137.5	2850	3562.5	3562.5	2137.5		3562.5	2850	1562.5	712.5	45790
SHUDALL, KATE	Sum of Quartity	10.5	12.5	12.5	12.5		10	12.5	- 6	12.5	2.5	5	12.5	10	10	12.5	10	101	12.5	12.5	191.5
	Average of Contract Rate	- 95	95	95	95	96	95	95	. 95	95	95	95	95	95	95	95	95	95	95	95	9.
	Sum of Contract Estimate	997.5	1187.5	1187.5	1197.5	475	950	1197,5	570	1187.5	237.5	475	1187.5	950	950	1187.5	950	950	1187.5	1187.5	18192.5
	Sum of Quantity	12.5	12.5	12.5	12.5		10	125	8.5	125	2.5	5	12.5	10	10	125	10	10	12.5	12.6	
	Average of Contract Rote	95	95	.95	95	95	95	95	95	95	95	95	95	95	95	98	95	95	95	95	91
	Sum of Contract Excentre	1167.5	1167.5	1187.5	1187.5	570	950	1187.5	807.5	1187.5	237.5	475	1187.5	950	950	1187.5	950	9501	1187.5	1187.5	1871
	Sem of Quarrety	12,5	12.5	12.51	12.5	- 5	10)	12.5	5	12.5	2.5	5	12.5	10	10	12.5	1.0	(0)	12.5	12.5	192.5
	Average of Contract Rate	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	Q
	Sum of Gentract Estimate	1187.5	1187.5	1187.5	1187.5	675	950	1157.5	475	1187.5	237.5	475	1187.5	950	950	1187.5	950	950	1187.5	1187,5	18287
WARTEN ALEXANDER	Planning Support										-	177	F426.08				1228.22	151,161		7	8805.46
	Planning Support			1 1									7426.08				1228.22	151.161			2935.153333
and the same of th	Planning Support	200			0.4			A		100			7426.08				1728.22	151.16			8605.46
Total Sem of Quantity		71	75	75	71.5	46	60	52.5	19.5	37.5	30	46	7501.08	67.5	52.5	37.5	1295.72	211.16	75	46	9886.46
Total Average of Contract Rate		95	95	95	95	95	. 95	95	95	95	95	95	444.0990476	95	95	35	157 9566667	98.30352941	95	95	123.12037
Total Sum of Contract Estimate		6745	7125	7125	6792.5	4370	5700	4987.5	1852.5	3562.5	2850	4275	14551.08	6412.5	4937.5	3582.5	7640.72	5851.16	7129	4275	109790.40

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Brian McCrear	323	
PANTONICO (95	-
	30565	30685
Laurie Mentiplay	3231	
	95	2000
	305851	30535
	Total	17 1150.46

Management of completion as SDS Phase III work

-55110 116050.46

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APPENDIX 2

VALUATION OF TIE CHANGES AND PROLONGATION

1 TIE CHANGES

- 1.1 We propose that amendments to the existing Schedule Part 4 Appendix G would be appropriate to simplify the rules concerning valuation of tie Changes and to establish rates for valuation of prolongation.
- 1.2 The valuation of any tie Change will continue to be made in accordance with Clause 80.6.
- 1.3 Where Clause 80.6.3 and/or 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.
- 1.4 In respect of a valuation of any work under 1.3 above the **tie** Representative shall apply head office overheads and profit percentages to the appropriate elements of Actual Cost or estimated Actual Cost as follows:
 - (a) Civil Engineering works

10%

(b) Systems and Track works

17%

- 1.5 In all cases where a **tie** Change is being valued in accordance with Clause 80.6, Site related overhead (Preliminaries) shall be valued and added as follows:
 - 7.4% to be added to the net valuation of the tie Change to cover the Consortium Preliminaries.

17.5% to be added to the net valuation of the tie Change to cover any other Preliminaries with regard to any tie Change associated with Civil Engineering Works, provided that this calculation shall in no case apply to Systems and Trackwork or claims for other Preliminaries in relation to prolongation costs arising from extensions of time or delay.

Site related overhead (Preliminaries) in respect of Systems and Trackwork and in respect of Tram Supply Obligations shall be valued in accordance with paragraph 2 (Prolongation) below.

2 PROLONGATION

- 2.1 Infraco acknowledges that the principle of valuation of prolongation costs arising from extensions of time granted has been established through the mediation process leading to agreement of the Estimate for Infraco Notification of tie Change number 1. tie Change Order number 116 reflects the basis of this agreement. Infraco proposes that:
 - (a) Prolongation costs including Preliminaries elements relating to Systems and Trackwork shall be based on Actual Cost or Estimated Actual Cost of the resources and/or labour employed by Infraco or its sub-contractors.
 - (b) In respect of the valuation of cost elements relating to Systems and Trackworks, 17% is to be added to the Actual Cost or Estimated Actual Costs in respect of related head office overheads and profit percentages.

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- (e) Preliminaries elements in relation to prolongation costs which relate to Civil Engineering Works arising from extensions of time or delay, valued in accordance with the rates set out in Appendix 2.1 hereto.
- (d) In all cases where prolongation is being valued in accordance with Clause 80.6 costs which relate to the Tram Supply Obligations shall be valued on the basis of Actual Cost or estimated Actual Cost.

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APPENDIX 2.1

PROLONGATION CALCULATION WORKSHEET

See Attached Supplemental Information CD:

Appendix 2.1 - Prolongation Calculation Worksheet

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Edinburgh Tram Network
Project Carllsle: "Guaranteed Maximum Price"
Bilfinger Berger - Prolongation Calculation Sheet

-	N	December of Wester	Contractor	Projec	ct Carlisle	Dolay (Miles)	Weekly Rate		Total
•	Section of Works	Description of Works	Contractor	Start Date	Finish Date	Delay (Wks)	weekly hate		TOTAL
Overhead		BB - Overhead cost (Staff, Office, Business Cost)	Bilfinger Berger	01 July 2010	20 August 2012	0.00	£ 117,030.87	£	3
						Consortium Offfic	e/Overhead Subtotal	3	25
				Projec	ct Carlisle	Date: Alles	Weekley Peter		Total
	Section of Works	Description of Works	Contractor	Start Date	Finish Date	Delay (Wks)	Weekly Rate		Iotai
On Street	1A	Enabling Works Ch 0-550 to Tower Place Bridge	Bilfinger Berger	01 July 2010	13 June 2011	0.00	£ 5,852.94	3	Market State
	1A	Traffic Management	Bilfinger Berger	01 July 2010	06 May 2011	0.00	£ -	£	
	1D	Haymarket to Lothian Road Junction Ch 350 - 1250	Bilfinger Berger	01 July 2010	20 April 2012	0.00	£ 11,696.48	£	-
Costonianicova	1D	Traffic Management	Bilfinger Berger	01 July 2010	05 April 2012	0.00	٤ -	£	WESTERNA 1970
		**************************************					'On Street' Subtotal	2	
Off Street	2A / 5A (partly)	Haymarket to Murrayfield Underpass	Bilfinger Berger	01 July 2010	20 March 2012	0.00	£ 13,279.90	£	g
	5	Section 5 overall	Bilfinger Berger	01 July 2010	20 March 2012	0.00	£ 35,560.03	£	
ALBERT CONSOCRATION	6	Depot Area	Bilfinger Berger	01 July 2010	16 December 2010	0.00	£ 5,352.73	£	
	7A / 5C (partly)	Depot to Edinburgh Airport	Bilfinger Berger	01 July 2010	25 July 2011	0.00	£ 8,259.43	£	7
							£	- 25	
						Billinger Berger P	2	1.0	

	444	B		Proje	ct Carlisle	Delay (Miles)	Washin Data		otal
Sei	ction of Works	Description of Works	Contractor	Start Date	Finish Date	Delay (Wks)	Weekly Rate		otai
On Street	1A	Enabling Works Ch 0-550 to Tower Place Bridge	McKean & Co	01 July 2010	13 June 2011	0.00	£ 35,774.08	£	- 9
Market Will Trouple	1A	Traffic Management	Class One	01 July 2010	13 June 2011	0.00	£ 9,401.43	£	CLASS TO STATE
	1D	Haymarket to Lothian Road Junction Ch 350 - 1250	McKenzie Construction Ltd	01 July 2010	20 April 2012	0.00	£ 42,661.45	£	
	10	Traffic Management	Class One	01 July 2010	20 April 2012	0.00	£ 16,037.73	£	Transcription Co.
							'On Street' Subtotal	5	10
Off Street	2A / 5A (partly)	Haymarket to Murrayfield Underpass	John Graham (Dromore) Ltd	01 July 2010	20 March 2012	0.00	£ 99,976.97	£	
	5 (S)	All Structures (only)	Expanded	01 July 2010	27 September 2011	0.00	£ 76,025.45	£	
	5 (O)	All Other works (excl. structures)	Other Sub-Contractors	01 July 2010	20 March 2012	0.00	£ 27,600.37	£	TO ELECTION OF THE PARTY OF THE
W/4/22/2015	6	Depot Area	Barr Limited	01 July 2010	16 December 2010	0.00	£ 33,210.26	£	3
	7A / 5C (partly)	Depot to Edinburgh Airport	Farrans Ltd	01 July 2010	25 July 2011	0.00	£ 44,093.79	£	
	Off Street	Traffic Management	Class One	01 July 2010	27 September 2011	0.00	£ 38,158.73	£	AVAINALE NO.
							'Off Street' Subtotal	£	89
						Sub	-Contractor Subtotal	£	- 23
							TOTAL	0	- 2

APPENDIX 3

GMP DRAWINGS

3.1 BSC GMP Drawings

See Attached Project Carlisle BBUK GMP CD:

See Attached Supplemental Information CD:

Appendix 3.1a - GMP Drawing Register 1

Appendix 3.1b - GMP Drawing Register 2

Appendix 3.1c - GMP Drawing Register 3

3.2 Siemens Design Submissions

See Attached Carlisle Siemens Appendix 3 CD:

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APPENDIX 4

PROJECT CARLISLE SCOPE

The design, construction, installation, commissioning, tram procurement and supply, system integration, infrastructure maintenance, tram maintenance and supply of related equipment, spares and materials, warranties, information, licences and related infrastructure in respect of those parts of the Edinburgh Tram Network as defined in this Proposal:

Off-Street Works to the following Sections from Haymarket to Edinburgh Airport:

- Section 2A Haymarket to Roseburn Junction;
- 2. Section 5A Roseburn Junction to Balgreen;
- 3. Section 5B Balgreen to Edinburgh Park Central;
- 4. Section 5C Edinburgh Park Central to Gogar;
- 5. Section 6 Gogar Depot;
- 6. Section 7A Gogar to Edinburgh Airport.

On-Street Works to the following Sections from Haymarket to Princes Street East:

- 1. Section 1D Princes Street West to Haymarket;
- 2. Princes Street West to the east end of Princes Street East (i.e. Terminal Point).

Enabling Works in Section 1A are as follows and as detailed in the electronic record of "GMP Drawings"

- 1. Newhaven Tramstop to Retaining Wall 1A fill to underside of trackslab;
- 2. Lindsay Road Retaining Walls 1A, 1B, 1C and 1D design and construction;
- 3. Lindsay Road Link Road to Ocean Drive removal of retaining wall and footpath, removal of trees and ground preparation, placing of earthworks fill and re-grading of profile;
- 4. Lindsay Road lowering works;
- 5. Tower Place Bridge works to be completed, including the final roadway and the track as per shallow track design completed by SDS;
- N.B. No systems-related works required.

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In General

The Guaranteed Maximum Price is for the construction and delivery of the design shown on the drawings, specifications, schedules and submissions contained in the electronic record of "GMP Drawings". Changes in Procurement Laws, Tax Rates, Design Standards or Specifications, or changes in the Code of Construction Practice shall be considered a tie Change.

For the avoidance of doubt and further reference below to the Guaranteed Maximum Price being based on the GMP Drawings in the individual localities, is simply for added emphasis. Infraco shall not be obliged to build anything other than the design shown in the GMP Drawings unless instructed otherwise by tie through a tie Change Order, or as negotiated between the Parties.

Roseburn Viaduct

The Guaranteed Maximum Price is based on the drawings, specifications and schedules contained in the electronic record of "GMP Drawings".

Gogarburn Landfill Site (Section 7A)

The Guaranteed Maximum Price is based on tie's recommendation, which is included in the electronic record of "GMP Drawings", which amends trackform to ballast and includes a track retaining structure in the vicinity of the 50m radius curve to the east of Gogarburn Bridge and an element of earth retention. The GMP Programme assumes that a maximum three month surcharge period is required and that access will thereafter be available to Infraco in accordance with its the GMP Programme.

Outstanding Approvals etc.

Consents from Third Parties, in so far as it is required to obtain agreement of approval, have been identified when possible in the Programme. In the event other Consents or Third Party Approvals are required they shall be procured by tie in accordance with the GMP Programme, and in the event of a delay or additional cost Infraco shall be compensated by tie Change Order.

Trackform Type Confirmation

The trackform type at each location is based on the actual design as defined in the electronic record of "GMP Drawings" (SPM-TRW-GEN-0018)

Murrayfield Stadium Accommodation Works

These works are being carried out by others with an expected completion date of 31 October 2010. The GMP Programme is based upon this completion date and assumes that access will be available thereafter in accordance with the GMP Programme.

South Gyle Access Bridge – sewer clash at [Structure Number 26]

The sewer is being diverted by others with an expected completion date of 31 October 2010. The GMP Programme is based upon this completion date and assumes that access will be available thereafter in accordance with the GMP Programme.

The Guaranteed Maximum Price will be based on the Drawings as included in the electronic record of "GMP Drawings".

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Gogar Interchange

The Guaranteed Maximum Price does not include for the Gogar Interchange. The Guaranteed Maximum Price is based on the GMP Drawings.

New Ingliston Limited ('NIL')

The Guaranteed Maximum Price is based on the Drawings as included in the electronic record of "GMP Drawings".

Airport Retaining Walls W14 & W15

The Guaranteed Maximum Price is based on the Drawings as included in the electronic record of "GMP Drawings". Any changes required to accommodate the outcome of the flood modelling works are not at the risk of Infraco save for alterations required to the weir within Culvert No.3.

Airport Kiosk Design

No further future proofing is allowed in the Guaranteed Maximum Price.

The Guaranteed Maximum Price is based on the current developed elliptical design which is included on the drawings as included in the electronic record of "GMP Drawings".

Tramstop Design

The Guaranteed Maximum Price is based on the Drawings as included in the electronic record of "GMP Drawings".

Substation Design

The Guaranteed Maximum Price is based on the Drawings as included in the electronic record of "GMP Drawings".

Protection of Services

The protection and support of services are excluded from the Guaranteed Maximum Price.

Landscaping

In respect of landscaping works, Infraco shall be deemed to have met all requirements relevant to landscaping which are necessary to enable the issue of a Certificate of Sectional Completion provided that the only outstanding works relate to planting. Infraco shall then carry out the planting works at the beginning of the next planting season.

Section 2A at Haymarket: Phase 1a/1b Interface Design

The Guaranteed Maximum Price is based on the Drawings as included in the electronic record of "GMP Drawings". The Guaranteed Maximum Price does not include any work within Section 3A as part of Phase 1a or Phase 1b.

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