

Ref: CUS/tie/letter/PK/Projects/3070

21st December 2009

Mr. Stephen Bell
tie Project Director Edinburgh Tram
tie Limited.
Citypoint,
1st Floor,
65 Haymarket Terrace,
Edinburgh.
EH12 5HD

Dear Stephen,

Subject: <u>MUDFA Carillion Utility Services (CUS) – Contract A150</u> Increased Schedule 4 Rates & Prices

CUS have advised you in each successive Application for Payment that there are circumstances which are not in the Contractor's making or responsibility, that have delayed and disrupted the regular progress of Works resulting in the actual productivity being significantly less than the productivity estimated in the Rates and Prices contained within Schedule 4 of the Multi-Utilities Diversion Framework Agreement.

Appended to this letter is our summary calculation (including claim preparation costs) for all the Work Sections that CUS consider there is an entitlement to further payment. In total the entitlement amounts to £13,144,871. To date we have provided you with 4 no complete submissions and 5 partial submissions and it is our intention to finalise the remaining 5 no in January 2010.

We would ask that **tie** acknowledge culpability for the claims for the works between 1st October 2008 – 28th November 2009, whether they are complete or partially complete and substantially increase **tie's** current payment of £1,109,426.00 with the certification of our December 09 application.

Yours sincerely,

For and on behalf of Carillion Utility Services



MUDFA Project Team Taryne Lowe Phil Kolon

Attached/... Draft Final Entitlement Calculations (15 pages)

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Carillion Utility Services MUDFA Project Western Harbour Leith Docks Edinburgh EH6 6QF



A Carillion company



ENTITLEMENT SUMMARY

Preliminar	ies	£1,453,452	£1,453,452
Work Sect	ions		
1A-01-01	Nov	£763,447	
1B-01-01	Nov	£1,016,359	
1B-01-02	Nov	£1,307,381	
1C-01-01	Nov	£562,586	
1C-03-01	Nov	£1,724,320	
1C-04-01	Nov	£1,578,772	
1C-05-01	Nov	£1,361,147	
1D-01-01	Nov	£1,785,183	
2A-01-01	Nov	£288,830	
5B	Nov	£99,497	
5C	Nov	£253,898	£10,741,419
Claims Cos	st Estimate (Jan'10)	£950,000	£950,000

Total Entitlement £13,144,871



Preliminaries Calculation

From Work Sections

		Total Cost	Actual Recovery
1A-01-01	Nov	£745,323	£112,048
1B-01-01	Nov	£1,002,248	£147,659
1B-01-02	Nov	£1,222,760	£138,353
1C-01-01	Nov	£854,954	£263,537
1C-03-01	Nov	£2,124,662	£739,159
1C-04 01	Nov	£1,733,992	£408,768
1C-05-01	Nov	£1,370,814	£254,146
1D-01-01	Nov	£1,998,002	£499,482
2A-01-01	Nov	£437,824	£147,810
5B	Nov	£104,505	£23,441
5C	Nov	£255,225	£907
Total		£11,850,310	£2,735,311

Factor (Total Cost / Actual Recovery) 4.33 [a]

From Preliminaries Schedule Breakdown (Estimators Mark Up)

Other Considerations

Site Transport (Item f'12)

Lifting/Hoisting Plant (Item F13)

Road Cleaning Brush (Item F20)

Traffic Management (Item WS 6.1), need to exclude cost plus element

		Calculated Cost	Entitlement	Bill Ref
Traffic Management	£284,835 [b]	£1,234,005 [a x b]	£949,169 [Calculated Cost - b]	WS 1 & 2 Item 6
Site Transport	£20,885 [b]	£90,479 [a x b]	£69,595 [Calculated Cost - b]	F12
Lifting/Hosting Plant	£11,200 [b]	£48,522 [a x b]	£37,322 [Calculated Cost - b]	F13
Road Cleaning Brush	£28,000 [b]	£121,306 [a x b]	£93,306 [Calculated Cost - b]	F20
Portakabins/Survey/Canteen	£16,891 [b]	£73,179 [a x b]	£56,288 [Calculated Cost - b]	Portion D2 running costs

Sub-Total £1,205,680 Add Indices 10.8% £130,213

Sub-Total £1,335,893

Add MUDFA Margin 8.8% £117,559

Total £1,453,452



Preliminaries Breakdown

Traffic Management				Site Transport		
Work sector Prelimina	aries - Line 1			Contract Prelininaries - Line 1		
		Nov¹09	Sep'08		Nov'09	Sep¹08
Item 6	TM Night supervision	£99,608	£51,221	Item F12	£45,126	£24,241
	Labour Proportion	£181,645	£93,406	Recovery in Period	Í	£20,885
	Plant Proportion	£36,666	£18,915	Lifting/Hoisting Plant		
	Equipment Proportion	£73,529	£38,017	Contract Prelininaries - Line 1		
		£391,449	£201,558		Nov'09	Sep'08
Work sector Prelimina	aries - Line 2			ítem F13	£24,200	£13,000
				Recovery in Period	ſ	£11,200
Item 6	TM Night supervision	£49,804	£25,610	Road Cleaning Brush		T
				Contract Prelininaries - Line 1		
	Labour Proportion	£90,818	£46,701		Nov'09	Sep'08
	Plant Proportion	£18,333	£9,458			
	Equipment Proportion	£36,768	£19,010	ltem F20	£60,500	£32,500
		£195,724	£100,779	l.		
				Recovery in Period		£28,000
Total (Line 1 & line 2)		£587,173	£302,337			
Recovery in Period			£284,835			

Contract Facilities					
Accomodation Running Costs (Yard & Buildings)		Applicable			
Land Rent & Rates	£1,019				
Main Offices	£1,431				
Site Portakabins	£190	£190			
Sec Systems	£5				
Main Office Services	£467				
Other	£38				
Photo Copies & Consumables	£366				
Survey Equipment	£45	£45			
Canteen Consumables	£72	£72			
IΤ	£2,166 £5,7	799 £307	Factor 0.053		
News Letters	£2,736 already	excluded			
		Î		Nov'09	Sep'08
		ltem D2		£777,106	£458,14
		Recovery in Period		(x factor)	£16,891



Reinstatement Portion

Calculated utilising values from Work Order Build-ups

		Portion
	Nett Values	Reinstatement
1A-01-01	£1,849,825	£214,590
1B-01-01	£1,865,031	£228,228
1B-01-02	£1,900,659	£152,083
1C-01-01	£360,079	£33,105
1C-03-01	£1,254,248	£86,324
1C-04-01	£1,049,589	£62,900
1C-05-01	£1,013,144	£68,594
1D-01-01	£888,424	£62,237
2A-01-01	£247,276	£16,312
5B	£380,756	£6,330
5C	£1,050,154	£27,596
_		
Total	£11,859,185	£958,299

% Reinstatement 8.08%



Work Order Proposal		Labour (£)	Plant (£)	Total (£)	Total (M)	L&P (£/M)	No of 3 man team Days	Hrs/Day	Day Rate		Average productivity output
Work Order Values		475,993	370,594	846,587	4,896	172.91 [c]	1,383	8hrs	612.28		3.54
Increase day rate cost of Labour £20- £14.89 plus 7% inflation											
	25.53%	121,527									
Adjusted Work Order Values		597,520	370,594	968,114	4,896	197.74	1,383	8hrs	700,18		3,54
Adjustment for 10 hr Shift										-	
Increase day rate for 10hr working day		597,520	370,594	968,114	4,896	197.74	1,106	10hrs	875.22	[a]	4.43
Actual Team Days Worked based hrs/3man team/10hrs/day for Oct 08 to Aug 09			Hiab (Privers (not in		Work Site Specific Labour ork Site Allocation Sheets Tota	77.42		ocation sheets) from WO Build-ups	}	
Average Actual Work Section Output					648	[d] {detailed in Payment Certificate}	851.58			[b]	0.76
Factor										[a]/(b)	5.82
New Rate						£197.74 *[f] =					£1,150.19
Entitlement Calculation											ĺ
Total Cost based on a 10hr day rate										[d*nr]	£745,323
Add for Reinstatement D&D (see sepai	rate build-u	ıp)							(add	8.07%)	£60,148
Less actual Im multiplied by Works Order (WO) rate/Im										(c x d)	-£11 2, 048
Sub-Total											£693,423
Less Amount recovered in Change Con	trol					((Labour & plant	nett value o	f Change Control 4	7.82%)	-£37,631
Sub-Total											£655,792
Add for price fluctuations 7%											£45,905
Sub-Total											£701,697
Add MUDFA Markup 8.8%											£61,749
Total		- 4								-	£763,447



Work Order Proposal		Labour (£)	Plant (£)	Total (£)	Total (M)	L&P (£/M)	No of 3 man team Days	Hrs/Day	Day Rate		Average productivity output
Work Order Values		440,115	388,793	828,908	5,013	165.35 [c]	1,250	8hrs	662.88		4.01
Increase day rate cost of Labour £20-										- 1	
£1.4.89 plus 7% inflation	25.53%	112,366									
Adjusted Work Order Values		5 52,481	388,793	941,275	5,013	187.77	1,250	8hrs	752.74		4.01
Adjustment for 10 hr Shift											
Increase day rate for 10hr working day		5 52,481	388,793	941,275	5,013	187.77	1,000	10hrs	940.93	(a)	5.01
Actual Team Days Worked based hrs/3man team/10hrs/day for Oct 08 to Aug 09			Hiab I	Orivers (not in		Work Site Specific Labork Site Allocation She			ocation sheets) rom WO Build-up	s)	
Average Actual Work Section Output					893	(d) (detailed in Payme Certificate)	ent 1,065.17			[b]	0.84
Factor										(a]/[b]	5.98
New Rate						£187.77 *(f)=				- 3	£1,122.34
Entitlement Calculation											
Total Cost based on a 10hr day rate										[d*nr]	£1,002,248
Add for Reinstatement D&D (se e sepa	rate build-u	ıp)							(add	d 8.07%)	£80,881
Less actual Im multiplied by Works Or der (WO) rate/im										[c x d]	-£147,659
Sub-Total											£935,471
Less Amount recovered in Change Con	trol						(Labour & plant	nett value o	f Charge Control	47.82%)	-£62,430
Sub-Total											£87 3,041
Add for price fluctuations 7%											£61,113
iub-Total											£934,153
Add MUDFA Markup 8.8%											£82,206
fotal										- 1	£1,016,359



Work Order Proposal		Labour (£)	Plant (£)	Total (£)	Total (M)	L&P(£/M)	No of 3 man team Days	Hrs/Day	Day Rate	Average productivity output
Work Order Values		436,500	383,262	819,762	4,669	17 5.58 [c]	1,335	8hrs	613.94	3.50
Increase day rate cost of Labour £20- £14.89 plus 7% inflation										
Adjusted Work Order Values	25.53%	111,443 547,943	383,262	931,205	4,669	199.44	1,335	8hrs	697.40	3,50
Adjustment for 10 hr Shift	-1	347,543	555,252	551,255	4,003	233,44	2,200	0.113	657.40	1
Increase day rate for 10hr working day		547,943	383,262	931,205	4,669	199.44	1,068	10hrs	871.75 [a]	4.37
Actual Team Days Worked based hrs/3man team/10hrs/day for Oct 08 to Aug 09			Hia b [Privers (not i		Work Site Specific Lab ork Site Allocation She T			ocation sheets) rom WO Build -ups)	
Average Actual Work Section Output					788	[d] (detailed in Payme Certificate)	ent 1,402.65		[b]	0.56
Factor	- 0								[a]/[b]	7.78
New Ra te				_		£199.44 °[f] =				£1,55 1.73
Entitlement Calculation										
Total Cost based on a 10hr day rate									(d*nr	£1,222,760
Add for Reinstatement D&D (see sepai	rate build-u	ıp)							(add 8.07%)	£98,677
Lessactual im multiplied by Works Order (WO) rate/im		1							[c x d]	-£138,353
Sub-Total										£1,183,083
Less Amount recovered in Change Con	trol						(La bour & plant	nettvalue o	f Change Control 47.82%	-£60.058
Sub-Total										£1,123,025
Add for price fluctuations 7%										£78,612
Sub-Total										£1,201,637
Add MUDFA Markup 8.8%										£105, 744
Total		- 1								£1,307,381



Work Order Proposal		Labour (£)	Plant (£)	Total(£)	Total (M)	L&P (£/M)	No of 3 man team Days	Hrs/Day	Day Rate	Average productivity output
Work Order Values		105,669	92,052	197,721	721	274.23 [c]	311	8hrs	636.44	2.32
increase day rate cost of Labour £20- £14.89 pius 7% inflation	25.53%	26,979								
Adjusted Work Order Values		132,648	92,052	224,700	721	311.65	311	8 hrs	723.29	2.32
Adjustment for 10 hr Shift										
Increase day rate for 10hr working day	- 11	132,648	92,052	224,700	721	311.65	249	10 hrs	904.11	a] 2.90
Actual Team Days Worked based hrs/3man team/10hrs/day for Oct 08 to Jul 09			Hiab (Orivers (not i		Work Site Specific Labork Site Allocation Shee			cation sheets) from WO Build-ups)	
Average Actual Work Section Output					961	[d] (detailed in Payme Certificate)	ent 945.63		1	b] 1.02
Factor	- 6	<u> </u>							[a]/[b] 2.85
New Rate						£3 11.65 °[f] =				£889.6
Entitlement Calculation Total Cost based on a 10hr day rate		-							[d°e	ir] £854,95
Add for Reinstatement D&D (see sepa	rate build-u	ıp)							(add 8.07	%) £ 68,99
Less actual Im multiplied by Works Order (WO) rate/Im									[c x	d] -£263,53
Sub-Total										£660,41
Less Amount recovered in Change Cor	ntrol	- 1					(Labour & plan	nett value o	of Change Control 47.82	-£177,15
Sub-Total										£483,25
Add for price fluctuations 7%										£33,82
Sub-Total										£517,08
Add MUDFA Markup 8.8%										£45,50
Total		-								£562,58



Work Order Proposal		labour (£)	Plant (£)	Total (£)	Total (M)	L&P (£/M)	Noof3 man team Days	Hrs/Day	Da y Ra te		Average productivity output
Work Order Values		371,655	314,816	686,471	4,065	168.87 [c]	1,041	8hrs	659.22		3.90
Increase day rate cost of Labour £20- £14.89 plus 7% inflation	25.53%	94,888									
Adjusted Work Order Values		466,542	314,816	781,359	4,065	192.22	1,041	8hrs	750.34		3.90
Adjustment for 10 hr Shift											
Increase day rate for 10hr working day		466, 54 2	314,816	781,359	4,065	192.22	833	10hrs	937.93	(a)	4.88
Actual Team Days Worked based hrs/3man team/10hrs/day for Oct 08 to May 09			Hiab (Orivers (not I		Work Site Specific Labork Site Allocation Shee To			c ation sheets) rom W O Build-up	os)	
Average Actual Work Section Output					4,377	(d) {detailed in Payme Certificate)	2,265.27			[b]	1.93
Fac tor										[a]/[b]	2.53
New Rate						£192.22 *[f] =					£485.42
Entitlement Calculation											
Total Cost based on a 10hrday rate										[d*nr]	€2,124,662
Add for Reinstatement D&D (see separa	te build-u	(q							(add	d 8.07%)	£171,460
Less actual Im multiplied by Works Order (WO) rate/Im										[c x d]	- £739,1 59
Sub-Total											£1,556,963
Less Amount recovered in Change Contro	ol						(Labour & plant	nett value o	f Change Control	47.82%)	-£75,792
Sub-Total											£1,481,171
Add for price fluctuations 7%											£103,682
Sub-Total											£1,584,853
Add MUDFA Markup 8.8%											£139,467
Total											£1,724,320



Work Order Proposal		Labour (£)	Plant (£)	Total (£)	Total (M)	L&P (E/M)	No of 3 man tea m Days	Hrs/Day	Day Rate		Average productivity output
Work Order Values		267,868	237,665	505,5 33	2,748	183.96 [c]	7 82	8hrs	646.71		3.52
increase day rate cost of Labour £20- £14.89 plus 7% inflation											
	25.53%	68,390									
Adjusted Work Order Values		336,258	237,665	573,923	2,748	208.85	782	8hrs	734.20		3.52
Adjustment for 10 hr Shift											
Increase day rate for 10hr working day		336,258	237,665	573,923	2,748	20 8.85	625	10hrs	917.75	[a]	4.39
Actual Team Days Worked based nrs/3man team/10hrs/day for Oct 08 to Aug 09			Hlab (Orivers (not In		Work Site Specific Labour ork Site Allocation Sheets) Tota	171.76		cation sheets) rom WO Build-ups	s}	
Average Actual Work Section Output	П				2,222	[d] (detailed in Payment Certificate)	1,889.40			(b)	1.18
Factor										[a]/[b]	3.74
New Rate		-				£208.85 °[f] =				_	£780.37
Entitlement Calculation											
Total Cost based on a 10hr day rate										(ď*nr)	£1,733,992
Add for Reinstatement D&D (see separ	ate build-u	(q.							(add	l 8.07%)	£139,933
Less actual im multiplied by Works Order (WO) rate/im										[c x d]	£408,768
Sub-Total		- 1									£1,465,157
Less Amount recovered in Change Cont	rol					(Labour & plant	nett value o	Change Control	47.82%)	£109,010
Sub-Total											£1,356,147
Add for price fluctuations 7%											£94,930
iub-Total											£1,451,077
										- 1	
Add MUDFA Markup 8.8%											£127,695



Work Order Proposal		Labour (£)	Plant (£)	Total (£)	Total (M)	L&P (£/M)	No of 3 man team Days	Hrs/Day	Day Rate		Average productivity output
Work Order Values		267,3 48	225,327	492,675	2,650	185.92 [c]	783	8 hrs	629.60		3.39
Increase day rate cost of Labour £20-											
£14.89 plus 7% inflation	25.53%	68,257									
Adjusted Work Order Values		335,605	225,327	560,932	2,650	211.67	783	8hrs	716.82		3.39
Adjustment for 10 hr Shift										- 1	
ncrease day rate for 10hr working day		335,605	225,327	560,932	2,650	211.67	626	10 hrs	896.03	[a]	4.23
Actual Team Days Worked based ers/3man team/10hrs/day for Oct 08 o May 09			Híab I	Orivers (not i		Work Site Specific Labou ork Site Allocation Sheets Tota	3) 139.08		cation sheets) rom WO Build-ups)		
Avera ge Actual Work Section Output					1,367	(d) (detailed in Payment Certificate)	1,52 9.88			[b]	0.89
Factor		12								[a]/{b]	4.74
New Rate						£211.67 *[f] =					£1,002.79
Entitlement Calculation										ì	
Total Cost based on a 10hr day rate										(d*nr)	£1,370,814
Add for Reinstatement D&D (see sepa	rate build-u	(מר							(a dd	8.07%)	£110,625
Less actual Im multiplied by Works Order (WO) rate/Im										[c x d]	-£254,146
Sub-Total											£1,227,292
Less Amount recovered in Change Con	trol						(Labour & plant	nett value o	f Change Control 4	7.82%)	-£ 58,0 83
iub-Total											£1,169,209
Add for price fluctuations 7%											£81,845
Sub-Total											£1,251,054
Add MUDFA Markup 8.8%											£110,093
Fota l		_									£1,361,147



Work Order Proposal		Labour (£)	Plant(£)	Total(£)	Total (M)	L&P (£/M)	Noof3 man team Days	Hrs/Day	Day Rate		Average productivity output
Work Order Values		232, 366	196,905	429,271	2,574	166.77 [c]	632	8hrs	678.83	Ĭ	4.07
increase day rate cost of Labour £20- £14.89 plus 7% inflation	25.53%	S9, 326									
Ad justed Work Order Values		291,691	196,905	48 8, 597	2,574	189.82	632	8hrs	772.65		4.07
Adjustment for 10 hr Shift											
Increase day rate for 10hr working day		291,691	196,905	488,597	2, 5 74	189.82	506	10hrs	965.81	[a]	5.09
Actual Team Days Worked based hrs/3man team/10hrs/day for Oct 08 to May 09			H¦ab [Orivers (not in		Work Site Specific Lab ork Site Allocation Shee To			ocation sheets) from WO 8 uild-ups)	
Average Actual Work Section Output					2,995	[d] (detailed in Payme Certificate)	2,068.73			[b]	1.45
Factor										[a]/[b]	3.51
New Rate						£189.82 *[f] =				-0	£667.11
Entitlement Calculation) e									
To tal Cost based on a 10hr day rate										[d*nr]	£1,998,002
Add for Reinstatement D&D (see separa	ate build-u	p)							(add	8.07%)	£161,239
Less actual Im multiplied by Works Order (WO) rate/Im		- 0								[c x d]	-£499,482
Sub-Total		- 1									£1,659,759
Less Amount recovered in Change Cont	rol	- 1					(Labour & plant	nett value o	f Change Control 4	7.82%)	-£126,307
Sub-Total											£1,533,452
Add for price fluctuations 7%											£107,342
Sub-Tota i											£1,540,794
Add MUDFA Markup 8.8%											£144,390
Fotal											£1,78 5,183



Work Order Proposal		Labour (£)	Plant (£)	Total (£)	Total (M)	L&P(£/M)	Noof3 man team Days	Hrs/Day	Day Rate	_	Average productivity output
Work Order Values		67, 220	59,533	126,753	927	136.73 [c]	191	8hrs	661.90		4.84
Increase day rate cost of Labour £20- £14.89 plus 7% inflation											
Adjusted Work Order Values	25.53%	17,162 84,382	59,533	143,915	927	155.25	191	8hrs	751.52	1	4. 84
Adjustment for 10 hr Shift											
Increase day rate for 10hr working day		84,382	59,533	143,915	927	155. 25	153	10hrs	939.40	[a]	6.05
Actual Team Days Worked based hrs/3man team/10hrs/day for Oct 08 to May 09			Habi	Orivers (not i	nduded in W	Work Site Specific Labo ork Site Allocation Shee To			ocation sheets) from WO Build-ups)		
Average Actual Work Section Output					1,081	(d) (de taile d in Paymer Certificate)	466.07			(b)	2.32
Factor										[a]/(b]	2.61
New Rate		5				£155.25 *[f] =					£405.02
Entitlement Calculation											
Total Cost based on a 10hr day rate										[d*nr]	£437,824
Add for Reinstatement D&D (see separ	a te build-u	ıp)							(ad d 8	8.07%}	£35,332
Less actual I m multiplied by Works Order (WO) rate /lm										(c x d)	-£147,810
Sub-Total											£325, 347
Less Amount recovered in Change Con-	trol						(Labour & plan	t nett value o	of Change Control 47	7.82%)	-£77,245
Sub-Total											£248,102
Add for price fluctuations 7%											£17,367
Sub-Total											£265,469
Add MUDFA Markup 8.8%											£23,361
Total		- 1								-	£288,830



Work Order Proposal		Labour(£)	Plant (£)	Total (£)	Total (M)	L&P{£/M}	No of 3 man team Days	Hrs/Day	Day Rate	Ave rage productivity output
Work Order Values		81,010	72,027	153,037	914	167.44 [c]	230	8hrs	664.23	3.97
Increase day rate cost of Labour £20- £14.89 plus 7% inflation	25.53%	20,683								
Adjusted Work Order Values		101,693	72,027	173,720	914	190.07	230	8hrs	754.00	3.97
Adjustment for 10 hr Shift										
Increase day rate for 10hr working day		101,693	72,027	173,720	914	190.07	184	10hrs	942.51 [a	4.96
Actual Team Days Worked based nrs/3man team/10hrs/day for Oct 08 to May 09			Hiab [Orivers (not in		Work Site Specific Labou ork Site Allocation Sheets Tota	10.08		ocation sheets) rom WO Build-ups)	
Average Actual Work Section Output					140	[d] (detailed in Payment Certificate)	11 0.88		[b	1.26
Factor	- 5								[a]/[b	3.93
New Rate						£ 190.07 *[f] =				£746.4
Entitlement Calculation										
Total Cost based on a 10hr day rate									[d*nr	£104,50
Add for Reinstatement D&D (see separ	rate build-u	p)							(a dd 8.07%	£8,43
Less actual Im multiplied by Works Order (WO) rate /Im		3							[cx d	-£23,44
Sub-To tal										£89,49
Less Amount recovered in Change Con-	trol						(Labour & plant	t nett value o	f Change Control 47.82%	-£4,03
5ub-Total										£85,46
Add for price fluctuations 7%										£5,98
Sub-Total										£91,44
Add MUDFA Markup 8,8%										£8,04
To tal		-								£99,49



Work Order Proposal		Labour (£)	Plant (£)	Total (£)	Total (M)	L&P(£/M)	No of 3 man team Days	Hrs /Day	Day Rate	Average productivity output
Work Order Values		211,415	187,836	399,251	2,640	151.23 [c]	607	8hrs	657.91	4.35
Increase day rate cost of Labour £20- £14.89 plus 7% inflation	25.53%	53,977								
Adjusted Work Order Values		265,391	187,836	453,228	2,640	171.68	607	8hrs	746.85	4.35
Adjustment for 10 hr Shift										
Increase day rate for 10 hr working day		265,391	187,836	453,228	2,640	171.68	485	10hrs	933.57 [a]	5.44
Actual Team Days Worked based hrs/3man team/10hrs/day for Oct 08 to May09			Hiab [Orivers (not in		Work Site Specific Labou ork Site Alocation Sheets Tota	24.85		cation sheets) rom WO Build -ups)	
Average Actual Work Section Output					6	(d) (detailed in Payment Certificate)	273.39		[b]	0.02
Factor									[a]/[b]	247.78
New Rate	- 3					£171.68 *[f] =				£42,537.48
Entitlement Calculation Total Cost based on a 10hr day rate									[d*nr]	£255,225
Add for Reinstatement D&D (see separ	ate build-u	p)							(add 8.07%)	£20,59
Less actual Im multiplied by Works Order (WO) rate/Im									[c x d]	-£907
Sub-Total										£274,914
Less Amount recovered in Change Con	tral						(Labour & plant	nett value o	f Change Control 47.82%)	-£56,819
Sub-Total										£218,09
Add for price fluctuations 7%										£15,26
Sub-Total										£233,362
Add MUDFA Markup 8.8%										£20,530
Total		- 1								£253,898