

Project Carlisle Proposal  
Miscellaneous Items  
Transferred to the 'Other Off Street Works' Section of the PPP Price

Item	Location	Issue	Comments	New Submission
	<b>General</b>			
1		· Which sub-stations do we need?	As per PPP Price drawings.	
2		· Known services i.e.. dealing with existing services & conflicts	Refer to Appendix 4.1 list ( from INTC's ) for details of known services	
3		· Environmental, archaeological SEPA cars etc.		0
4		· Safety critical and track monitoring staff	Allow £100k	100,000
5		· Security	Incl in running costs forecast	0
6		· Site boundary fencing	Further reqmts / removal, allow £20k	20,000
7		· D&D claim 2A, 5	Incl in subs PPP Price.	0
8a		· LOP tram shelter S/C - Section 5A2, 5B & 5C	Incl in Section 5 Gaps	0
8b		· LOP tram shelter S/C - Grahams ( 2A & 5A1 )	Adjust for increases included in SW subcontract	0
9		· LOP sub-station S/C	Substations incl in Gaps. Russell Rd Subst deducted from Grahams PPP Price.	0
10		· Permanent fencing	As per PPP Price drawings ( Accomodation works etc )	0
11		· Landscaping	W Houston price included in PPP Price.	0
12		· Delay claim BAM – Siemens	No allowance taken in PPP Price figures.	0
13		· Trackform earthing and bonding	See 31C below	0
14		· Maintenance Squad	Incl in running costs	0
15		· Unallocated plant	£6k per month per BCS report. Consider in running costs	0
16		· Gas Oil	£3.5k per month per BCS report. Consider in Running Costs	0
17		· Post completion duration ? (Prelims)	1 month per D Gough.	0
18		· Accommodation Works - E Wanderers Clubhouse - Changes	BMR final account included, see below.	0
19		· Small works changes	Confirmed cost included in subs PPP Price's	0
20		· Credits from Expanded - ( Agreements to date for VO's ) (Nth & Sth App ramps) (Piers 3 & 4, north abutment works) (Security) (Accommodation ? )	Allow as before as agreements to date on EW's not changed by Expanded	0
21		· Piling obstructions / methodology	All rotary bored. Obstructions excluded from Subs. Allow as calculation;	225,000
22		· NAL sockets for traffic signals free issue?	Assumed yes. Contra to Siemens if otherwise.	0
23		· Landscaping - Sections 6 & 7	Farrans price to be used.	0
24		· Topsoiling	Topsoil surplus anticipated in Section 5.	0
25		· Piling quantities - expanded based on Engineers design	Allow for Structures with end bearing piles, 28piles x 1m x £500/m	0
26		· Steel Reinforcement - schedule & drawing mismatch	No adjustment required, PPP Price based on drawings issued	0
27		· Cost to date	Included elsewhere	0
28		· Piling at Russell Road - included?	Included	0
29		· Border Rail rates used for OLE throughout	Adjust to £5k per base - 200 bases x £2750	0
30		· Street Lighting & traffic signal power supplies and associated civils works	Included	0
31a		· Tramstop shelters - System Wide Package	Refer item 8 above.	0
31b		· Section2A and 5A1 earthing and bonding ( Grahams ) - structures	Add	0
31c		· Earthing and bonding - to trackform	8000m x £80/m. Rate ex McKenzie, ref S Kydd. No requirement in ballast track	0
31d		· Section2A and 5A1 junctions and street lighting ( Grahams )	Included	0
31e		· Adjust trackform estimate - deduct Farrans scope.	Done.	0
				0
	<b>Haymarket Viaduct</b>			
32		· Trackform to deck	Incl in PPP Price, deduct £50k	(50,000)
33		· Builder work to crew room	Incl in PPP Price	0
34		· Builder work to sub-station	Allow £10k for ventilation ducting and electrics	10,000
35		· Comms & power to crew relief	by Siemens, per DG.	0
36		· Power/ducts to sub-station	by Siemens, per DG.	0
37		· Reinstatement of low level car park & access to Verity House to north.	Incl in PPP Price.	0
38		· TM for Verity House access road	TM PPP Price.	0
39		· UTC + power for Verity House access road	Incl in PPP Price.	0

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	<b>Trackwork – Haymarket to Russell Road</b>			0
34		· Excavation of soft	Incl in PPP Price	0
35		· Price for trackform tolerances & REMF clash	Incl in PPP Price.	0
36		· TM for Haymarket yards	TM PPP Price	0
37		· OLE changes }	Incl in PPP Price.	0
38		· Duct changes } in scope?	Incl in PPP Price.	0
38b		- Infill to track	Incl in PPP Price, deduct £70k	(70,000)
		· Survey costs existing structures	From GCL	0
				0
	<b>Russell Road Bridge</b>			0
39		· Protection of existing known services e.g.. Gas	Included	0
40		· Rockhead level – piles	Allow £160k	160,000
41		· Soil nail solution for temporary works	Possible saving considered in PPP Price analysis.	0
42		· TM for closure including power	Incl in TM PPP Price. Allow for power connection/generator supply.	0
43		· Possession costs including monitoring	incl in item 4 above	0
44		· Form C costs	BCS allowance adjusted.	0
45		· TM reinstatement	See Traffic management PPP Price.	0
46		· Unforeseen ground conditions	Incl in PPP Price.	0
		· Compressible Filler joints	Refer email from JMD of 23/2/10 at 16:35, Allow £50k	50,000
47		· Delta scope	Incl in Grahams PPP Price.	0
48		· Delta geometry	Generally covered by drawings. Allow £20k for temp pedestrian management and stairs	20,000
				0
	<b>Russell Road Retaining Walls</b>			0
49		· Contamination/landfill tax	See Risk	0
50		· Scottish Power cable	Included	0
51		· Temporary diversion of existing services	Allow for protection measures	0
52		· TM to maintain access	See Traffic management PPP Price.	0
53		· Insurance/excess on existing structures – Royal Mail, Bowling Club etc	Included within Main Prelims?	0
54		· Plot 97 costs	Str Eng costs only.	0
			Richmack demolition costs etc, Allow £100k	100,000
55		· Expanded price for pile cap relief	Included in PPP Price	0
56		· Permanent stairs to Bowling Club	Included in PPP Price	0
57		· Temporary stairs to Bowling Club	Part cost to date. Allow to completion / removal	0
		· Temp stairs carpark to depot	Included in PPP Price	0
		· Permanent stairs carpark to depot	Included in PPP Price	0
58		· Direct labour }		0
59		· Direct plant } Attendance Expanded Piling etc	Included in PPP Price eg disposal of arisings etc	0
60		· Direct materials }		0
61		· Who does trackform, ducts etc. RRB to Murrayfield tramstop	Included in Grahams PPP Price	0
62		· Possession costs, monitoring costs	incl in item 4 above	0
63		· Form C costs	incl in item 4 above	0
64		· Demolition of old garage Russell Road	Incl in Grahams PPP Price ( Site Clearance ). Adjust for extra cost using Hunter Dem.	0
65		· Survey costs existing structures	Included in PPP Price	0
66		· Car park costs	Add as per Crummock Final Acct	5,000
67		· Unforeseen ground conditions	Included in obstructions allowance. Soft replacement, see below	0
68		· Scope of Piling works - 7 piles outstanding by Expanded Piling	Incl in Expanded PPP Price.	0
69		· W3 Demolition of brickwork wall	Site Clearance items. Change if not on site clearance schedule.	0
70		· W3 Demolition of Clarkes commercial building	Site Clearance items. Change if not on site clearance schedule.	0
71		· W3 Demolition/removal of advertising hoarding and frame	Site Clearance items. Change if not on site clearance schedule.	0
72		· W3 Remove existing fence	Site Clearance items. Change if not on site clearance schedule.	0
		- Temporary works to gas governor	Soil nails, 84nr x £100, 1 week rig time x £2k/day, mob / demob, say	30,000
		- Car Park Barrier and security	Nominal sum for manual barrier only. No security required.	2,000
		- Temporary works to Wall 3B ( king post wall )	Expanded state they have insufficient detail to price	75,000
	<b>Murrayfield Tram Stop Retaining Wall</b>			0
73		· Possession costs including monitoring	incl in item 4 above	0

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74		· Form C costs	incl in item 4 above	0
75		· Power for lift & lighting	Allow £100k	100,000
76		· TM for maintaining access to oil depot	Traffic Management PPP Price	0
77		· Insurance/excess buildings	Included within Main Prelims?	0
78		· Unforeseen ground conditions	Included in obstructions allowance. Soft replacement, see below	0
79		· Supply and install lift	Incl in Grahams PPP Price	0
		· Contamination/landfill tax	Ref BB risk allowance	0
	<b>Roseburn Street Viaduct</b>			0
80		· Possession costs	incl in item 4 above	0
81		· Monitoring costs	incl in item 4 above	0
82		· Form C costs	incl in item 4 above	0
83		· TM for crossing road	Traffic Management PPP Price.	0
84		· Protection/diversion of services	Subtle Exclusion	0
85		· Location of existing known services	Incl in PPP Price? If not ensure added.	0
86		· Ground improvement	See ground improvement works, below	0
	<b>Murrayfield Stadium Retaining Wall</b>			0
87		· Possession costs		0
88		· Monitoring costs		0
89		· Form C costs		0
90		· Ground improvement	See below	0
91		· Temporary works	See ground improvement works, below	0
92				0
	<b>Murrayfield Underpass</b>			0
93		· Possession costs		0
94		· Monitoring costs		0
95		· Form C costs		0
96		· Temporary works – soil nail solution and design costs	Incl in PPP Price.	0
97		· Scottish Power diversion	ref Utilities Schedule	0
98		· Ground improvement	See below	0
				0
	<b>Murrayfield Training Pitches Retaining Wall</b>			0
99		· Possession costs		0
100		· Monitoring costs		0
101		· Form C costs		0
102		· Ground improvement	See below	0
103		· Temporary works	Incl in PPP Price.	0
104		· Unforeseen ground conditions	See ground improvement works, below	0
105		· Track costs Roseburn to Balgreen	Incl	0
106		· Topsoiling	Incl	0
107		· UNDEFINED PADS AT 75M C/C ALONG STRUCTURE	Incl in PPP Price.	0
108		· Safety fence network rail		0
109		· Boundary fence rferenced Drg 493 rev 3	Excluded from Expanded PPP Price, allow 149m @ £65/m	0
				0
	<b>Water of Leith Bridge</b>			0
110		· Possession costs		0
111		· Monitoring costs		0
112		· Form C costs		0
113		· Temporary works	Incl	0
114		· Protection of existing known services - Sewer - sewer lining	In Utilities Schedule	0
		· Protection slab / mini piling and 24" gas pipe-	Drawing to be highlighted to exclude	0
115		· TM to Balgreen – install & remove	Traffic Management PPP Price.	0

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116		· Ground improvement	Included in obstructions allowance. Soft replacement, see below	0
117		· Sewer lining / Network Rail Interface	No adjustment to cost needed	0
118		· Temp Road	Included in Expanded price, ref Water of Leith boq	0
119		· Erection Methodology (Steel)	Fairfield Mabey - different method due to possession working, allow £10k	10,000
120		· Fairfield Mabey Costs	Included	0
121		· Installation of Elec for site installation		0
122		· Demolish and remove existing fencing and posts and signage	excluded by expanded	0
123		· Partial demolition of stone wall	excluded by expanded	0
124		· Remove existing fence	excluded by expanded	0
125		· Exc of Existing NR embankment for site road	excluded by expanded	0
126		· Slope protection with shotcrete	excluded by expanded	0
127		· Steelwork to deck area 736m section see above	excluded by expanded . Fairfield Mabey costs included.	0
				0
	<b>Baird Drive Retaining Wall</b>			0
128		· Possession costs		0
129		· Monitoring costs		0
130		· Form C Costs		0
131		· Demolition Busy Bee	Included in Site Clearance.	0
132				0
133		· Haul road	Access via Balgreen / Busy Bee Included in Expanded price.	0
134		· Insurance/excess – houses Baird drive	Included within Main Prelims	0
135		· Survey costs existing structures	Included in PPP Price	0
136		· New NR access road	Incl	0
137		· Ground improvement	Expanded allowed for scope per drawings - potential saving.	0
138		· Removal of tree root - destabilising embankment		0
139		· Topsoilg and seeding	incl	0
140		· View and noise barrier and safety fence NR	Not required	0
141		· Topsoilg and seeding W9	incl	0
142		· View and noise barrier and safety fence NR W9	Not required	0
143		· Temporary construction rd S22 - S23	Incl in cost to date.	0
144		· Stregthen site access layer 50 mm	Not required	0
145		· Topsoilg and seeding W11	Incl	0
				0
	<b>Balgreen Bridges</b>			0
146		· Possession costs		0
147		· Monitoring costs		0
148		· Form C costs		0
149		· TM install, maintain & remove		0
150		· Pedestrian management	Included in PPP Price	0
151		· Take Down old bridge	Not included in Expanded price. Allow £150k	150,000
152		· Unforeseen ground conditions	Included in obstructions allowance. Soft replacement, see below	0
153		· Demolition/removal of existing advertising hoardings	Ref site Clearance.	0
154		· Removal/reinstaement of existing of street lights signs road markings etc		0
155		· Rebar is based on 155kg/m3		0
156		· Dealing with existing services	Excluded from PPP Price.	0
157		· Access using existing rail bridge is this ok for 45t excavator	No adjustment required.	0
158		· NR safety fencing		0
159				0
160		· OLE BASES	Included.	0
161		· Hang power cable to soffit	Excluded - not in Utilities Schedule	0
162		· Reinforced earth walls Drg 168 2	Included in Expanded PPP Price	0
163		· propesd abutment walls Drg 168 2	Included in Expanded PPP Price	0
164		· Limited clearance signs		0
				0

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Item	Location	Issue	Comments	New Submission
	<b>Trackwork – Balgreen – Carrick Knowe</b>			0
165		· Direct labour }		0
166		· Direct plant } Scope		0
167		· Direct materials }		0
168		· Place ballast	incl	0
169		· Topsoil/earthworks	incl	0
170		· Footway?	incl	0
171		· Tramstop	incl	0
172		· Sub-station	incl	0
173		· TM reinstate/remove Balgreen access	Traffic Management PPP Price. Removal of Concrete ramp.	0
	<b>Carrick Knowe Bridge</b>			0
174		· Rail possession costs		0
175		· Rail monitoring costs		0
176		· Rail Form C costs		0
177		· Remove temporary works	Allow for welder / burner, supervision etc	0
178		· Demolition works under possession	Incl in costs to date.	0
	<b>Trackwork – Carrick Knowe – Guided Busway</b>			0
179		· Direct labour	Crummock rates used.	0
180		· Direct plant	Crummock rates used.	0
181		· Direct material	Crummock rates used.	0
182		· Earthworks fill	Crummock rates used.	0
183		· Pedestrian management	Included in PPP Price	0
184		· Site clearance including UTC lights	Incl in Site Clearance	0
185		· Scope of drainage work at Guided Busway?	See below	0
	<b>Guided Busway</b>			0
186		· Remaining scope	Removal of middle access, drainage and tarmac to trackform, allow £147.5k	147,500
187		· Site clearance	Incl in Site Clearance	0
	<b>South Gyle Access Bridge</b>			0
188		· Possession costs		0
189		· Monitoring costs		0
190		· Form C costs		0
191		· TM erect, maintain & remove	Traffic Management PPP Price	0
192		· TM reinstate South Gyle Broadway	Traffic Management PPP Price	0
193		· Unforeseen ground conditions	Obstructions , see BB adjustment, Soft replacement see below	0
194		· Pedestrian management	Covered by TM PPP Price.	0
195		· Supply of beams	Included in PPP Price	0
196		· NR safety fencing	Included in PPP Price	0
197		· Topsoiling	Included in PPP Price	0
198		· Road closure for beams	Traffic Management PPP Price	0
199		· Remove crash deck	Not required.	0
200		· Remove hoardings and signs in NR land	Site clearance item.	0
	<b>Trackwork – Guided Busway – Edinburgh Park</b>			0
201		· Direct labour	Crummock rates used.	0
202		· Direct plant	Crummock rates used.	0
203		· Direct material	Crummock rates used.	0
204		· Earthworks fill/soft ground/CBR	No adjustemtn required	0
205		· Omit Crummock Busgate scope from Bills / Add Crummock '?'	BoQs etc re-adjusted.	0
206		· Omit MG Construction Scope from Bills	BoQs etc re-adjusted.	0
		· allow for descoped Crummock works	Trackform measurements revised to add back in Crummock works descoped	0

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	<b>Edinburgh Park Bridge</b>			0
207		· Reinstatement of site access	Allow £2.5k	2,500
208		· Reinstatement of railway piers/removal of temporary works		0
209		· Reinstatement under north spans	Incl in PPP Price, deduct £5k	(5,000)
210		· Reinstatement under sough spans		0
		- Track plinths to transition slabs ( retro fitted )	Allow 50m x £400/m = £20k	20,000
	<b>Edinburgh Park Office</b>			0
211		· Running costs	Incl	0
212		· Demonstrable & reinstate	Incl	0
				0
	<b>Trackwork – Edinburgh Park – Gyle Tramstop</b>			0
213		· Soft ground	Incl	0
214		· Known services	see utilities	0
215		· TM Lochside	Traffic Management PPP Price?	0
216		· TM works Broadway	Traffic Management PPP Price?	0
217		· TM car park	Traffic Management PPP Price?	0
218		· Reinstate car park	Not required.	0
219		· Remove hoarding	Allowance in site demobilisation.	0
220		· Hogweed - add to earthworks	incl	0
221		· Concrete retainer	Not required.	0
				0
	<b>Trackwork – Gyle – Depot</b>			0
222		· Pedestrian management in car park	No works in car park.	0
223		· Temporary works car park	No works in car park.	0
224		· Reinstate temporary works	No works in car park.	0
				0
	<b>A8 Underpass</b>			0
225		· Ground conditions	Included.	0
226		· TM costs including temporary works	Traffic Management PPP Price	0
227		· Reinstatement of existing carriage way	Included.	0
228		· Reinstatement of existing street lights	Incl in PPP Price, deduct £5k	(5,000)
229		· New street lights + power	incl	0
230		· Earthworks to Barr interface	No issue envisaged.	0
231		· Suitable material from box to tip	Expanded PPP Price allows for material going to tip.	0
232		· Known existing services in north batter	Included in PPP Price, utilities or excluded.	0
233		· Topsoil to Barr interface	Topsoiling depot not allowed for in Section 5 PPP Price.	0
234		· Depot Access Bridge	see later.	0
235		· Fill to abutments outside structures	Incl in structures or earthworks.	0
236		· Unforeseen ground conditions		0
237		· Weekend working	Included in Expanded Risk Register.	0
238		· Temporary drainage connections from depot	By depot, Section 6.	0
239		· Services / Utilities - BT support - SW Diversion - C&W - Misc	Incl in Utilities Schdule	0
240a		Piling and sheet piling works including removal	Incl.	0
240b		Removal and reinstatement of diversion		0
				0
	<b>Depot Access Bridge</b>			0
241		· 7 day working	Included in Expanded Risk register.	0
242		· Surfacing etc to deck	footway plus 8 m span at each end allowed for. The road finish is excluded.400m2 x £40	0
243		· Safety Barrier works	Allow 2.5k per corner.	10,000
244		· Interpile sheeting	Excluded by Expanded. Relates to BDDI scheme.	0
				0

