

**Risk Review - Budget Costings 8/4/09**

Risk Reference	Description			Best	Likely	Worst	
974	Inaccurate Topo Survey Results						
	Depot - Additional Bulk Excavation		Agreed	1425174			
	Section 7 - OGL's low - Additional Fill	16000m3 x £55	Estimate	880000			
	Re-location of spoil to section 7 (RBS Bunds)	10000m3 x £25		250000			
	Miscellaneous (Not Yet Identified)			<u>750000</u>	3305174	2555	2930
							3305
173	Removal of contaminated / hazardous material						
	Removal of knotweed		Estimate	75000			
	Hazardous Material	5000m3 x £50p/m3	Estimate	<u>250000</u>	325000	150	325
							400
NEW	Excavation of soft, unsuitable material, below Earthworks Outline						
	Allow - Outwith Earthworks Outline (Depot)	10000m3 x £40	Estimate	400000			
	Contaminated material at Carricknowe		Estimate	95000			
	Edinburgh Park - Sub-structure / founds		Estimate	75000			
	Unforeseen ground conditions - Haymarket		Estimate	25000			
	Contaminated material at Carricknowe		Agreed	83028			
	Edinburgh Park South Abutment		Estimate	10000			
	Gogarburn Bridge - Bases		Estimate	25000			
	Carricknowe Bridge - Bases		Estimate	25000			
	Section 5B - Capping		Estimate	600000			
	A8 Underpass - Longer Piles Required		Estimate	250000			
	Gogarburn Bridge - Soft ground identified		Estimate	50000			
	Section 7 - (Gogar - Ingliston)	15000m3 x £55	Estimate	825000			
	Section 5A (Allow)		Estimate	500000			
	Section 5C (Allow)		Estimate	500000			
	Princes Street (Actual Cost - Tender)		Estimate	1000000			
	St Andrews SQ - Granton (Actual Cost - Tender)		Estimate	3000000			
	Bases / Founds (Not Yet identified)		Estimate	<u>150000</u>	7613028	4613	6000
							7613
172	Contamination / unstable ground (Tip)						
	Surcharge	(This needs reviewed)					
	Soil Nailing Embankment			1192000	950	1192	1500
							??
NEW	Costs associated with additional works requested by CEC Planners						
	Ocean Terminal - Enhanced Finish		Estimate	600000			
	Tramstop - Enhanced Finish	20nr x £100k		<u>2000000</u>	500	2600	3500
49	Design Change, BDDI - IFC						
	Roads (Full Depth - Qualification)) - Incl Risk 35						
	Roads (Full Depth - Over Marked drgs)		Estimate	3700000			
	Guided Bus Way (Unsuitable Sub-Base)		Estimate	950000			
	Structures - £300k x 8nr		Estimate	2400000			
	Railway Corridor (Previous Exercise)		Estimate	6000000			
	Markd up drgs - IFC (Roads) - St Andrews SQ		Estimate	1400000			
	Russell Road - Piling		Estimate	1000000			
	Soil Nailing - A8 Embankment		Estimate	300000			
	Section 7 - Drainage (None on BDDI)		Estimate	300000			
	Princes Street - Drainage (None on BDDI)		Estimate	150000			
	Bottom Batter Embankment Drainage		Estimate	300000			
	Earth Reinforcement - Gogar		Estimate	75000			
	Trackslab - Increased Depth (385 - 540)		Estimate	750000			
	Not Yet Identified		Estimate	<u>2500000</u>	19825000	5000	12000
							19825
343	Overall Delay - Allow Period 40 weeks						
	Pro - rata cost - 7 wks, 4 days - £2,500,000						
	2500000 x 200 / 38		Estimate	13157			
	Less recovery from Change (25000 x 7.4%)			<u>-1850</u>	11307	11307	11307
							11307

Assumes BSC have only priced to plane all roads

£300k Estiamte received - Carricknowe / Gogarburn

land Drain