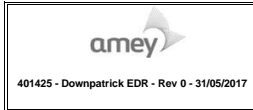


APPENDIX D: SCHEME COST ESTIMATE



No	Item Description	Unit	Rate	Quantity	Total
BILL OF QUANTITIES					
Series 100: Preliminaries					
	Preliminaries	Item	£6,927,896	12%	£831,347.56
Series 200: Site Clearance					
	Take up Kerbs and remove to tips	m	£3.14	701	£2,201.14
	Take up Gully Gratings and remove to tips	nr	£3.17	36	£114.12
	Take up fence	m	£11.15	4,400	£49,060.00
	Take up traffic sign	nr	£47.00	12	£564.00
	Take up lighting column 5m high	nr	£101.97	5	£509.85
	General Site Clearance	ha	£10,000.00		£0.00
Series 300: Fencing					
	Temporary fencing	m	£12.68	9,228	£117,011.04
	Concrete post & wire mesh fencing	m	£18.87	9,199	£173,585.13
	Field Gates	nr	£213.64	60	£12,818.40
Series 400: Road Restraint Systems					
	Single sided corrugated beam	m	£25.42	2,070	£52,619.40
	Short post set in concrete	nr	£22.87	1,036	£23,693.32
	Terminal section	nr	£1,110.24	24	£26,645.76
	Concrete foundation for post	nr	£27.61	1,036	£28,603.96
Series 500: Drainage					
	225mm sewer, average depth 1.5m, Type S bedding	m	£87.95	8,855	£778,797.25
	Manholes (1050 catchpit)	nr	£1,225.00	75	£91,875.00
	Gullies incl. frames	nr	£275.53	444	£122,335.32
	Gully connections, 2m average tail length, type S bedding	nr	£126.10	444	£55,988.40
	Culvert 750mm diameter	m	£205.23	210	£43,098.30
	Headwall	nr	£500.00	12	£6,000.00
Series 600: Earthworks					
	Excavation of Acceptable Material	m3	£2.16	51,953	£112,218.48
	Deposition of Acceptable Material	m3	£0.84	26,859	£22,561.56
	Disposal of Acceptable Material	m3	£11.80	25,094	£296,109.20
	Excavation of Unacceptable Material Class U1A	m3	£3.99	34,635	£138,193.65
	Disposal of unacceptable material U1A	m3	£14.74	34,635	£510,519.90
	Extra Over for Excavation of hard material (existing road)	m3	£21.28	3,000	£63,840.00
	Capping layer 600mm	m3	£32.76	20,631	£675,871.56
	Compaction of suitable material; embankments and other areas of fill	m3	£1.91	47,490	£90,705.90
	Completion of formation	m2	£0.68	95,366	£64,848.88
	Completion of subformation	m2	£0.80	95,366	£76,292.80
	Topsolling 150mm thick	m2	£3.95	37,999	£150,096.05
Series 700: Pavements					
	Granular Sub-Base 350mm thick	m2	£11.61	34,385	£399,209.85
	DBM Base 200mm thick	m2	£22.06	34,385	£758,533.10
	DBM Binder Course 60mm thick	m2	£3.27	34,385	£113,748.95
	HRA Surface Course 40mm thick	m2	£8.64	34,385	£297,086.40
	Surface Dressing Coated Chips	m2	£2.24	34,385	£77,022.40
	High friction surfacing	m2	£19.25	1,497	£28,817.25
	Tack coat (x2 layers)	m2	£0.63	68,770	£43,325.10
Series 1100: Kerbs, Footways & Paved Areas					
	Precast concrete kerb HB2	m	£12.19	8,855	£107,942.45
	HB2 Kerb foundation and haunching	m	£5.96	8,855	£52,775.80
	Flat top edging kerb EF	m	£5.69	8,805	£50,100.45
	Edging kerb foundation and haunching	m	£3.25	8,805	£28,616.25
	Type 3 Sub-Base in Footways & Paved Areas 150mm thick	m2	£4.10	17,660	£72,406.00
	Footway surfacing 50mm bin 25mm surf	m2	£22.45	17,660	£396,467.00
	Surface Dressing Coated Chips	m2	£2.13	17,660	£37,615.80
	Tactile paving	m2	£29.83	49	£1,461.67
Series 1200: Traffic Signs and Road Markings					
	Road markings	m	£1.50	13,283	£19,924.50
	Signage (not exceeding 900mm height)	nr	£387	45	£17,424.90
Series 1300: Street Lighting					
	Lighting Columns inc. foundation	nr	£616.83	178	£109,795.74
	Cable and Ducting	m	£23.59	8,855	£208,889.45
	Feeder pillars	nr	£794.22	10	£7,942.20
Series 2700: Accommodation Works and Works for Statutory Undertakers					
	Works for BT, NIE etc	Item	£750,000	1	£750,000.00
Series 3000: Landscape and Ecology					
	Planting (landscaped areas)	m2	£10.61	2,000	£21,220.00
	Planting (hedging)	m	£6.60	9,199	£60,713.40
	Grass Seeding	m2	£0.66	37,999	£25,079.34
CONSTRUCTION COSTS					
					£6,927,896
LAND COSTS			£5,513,250.00		£5,513,250.00
WORKS FOR STATUTORY BODIES					
					£750,000
PRELIMINARIES					
			12%		£831,348
CONSTRUCTION OPTIMISM BIAS					
			44%		£3,744,067
LAND OPTIMISM BIAS					
			10%		£551,325
TOTAL					£18,317,886.27