

Hereford Strategic Residential Development

Estimate for Phase 4 Highway Works

Refer to JMP Drawing STH2038-13

Estimate carried out on 04 June 2008 and compiled from Spon's Civil Engineering and Highway works Price Book 2008



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MMHW Series Headings	Unit	Rate	Quantity	Cost	Calculation Sheet
<u>Series 100: Preliminaries & Traffic Management</u>					
		15%	3034110.70	£455,117	
			Total	£455,117	
<u>Series 200: Site Clearance</u>					
General site clearance - open field site	ha	£1,028.34	5.00	£5,142	
			Total	£5,142	
<u>Series 300: Fencing</u>					
Timber rail fencing	m	£20.94	5588.66	£117,027	
			Total	£117,027	
<u>Series 400: Road Restraint Systems</u>					
Untensioned beams (single sided open box beam)	m	£41.04	500.00	£20,520	
Long driven posts @ 2.4m intervals	nr	£12.80	208.00	£2,662	
Terminal section	nr	£177.89	20.00	£3,558	
			Total	£23,182	
<u>Series 500: Drainage & Ducting</u>					
Gullies	no	£214.44	100.00	£21,444	
Gully connections (150mm)	m	£37.61	600.00	£22,566	
Pipe bedding (Type Z concrete surround bed 650x100mm)	m	£39.10	600.00	£23,460	
Sewers & highway drainage (450mm)	m	£131.54	2794.43	£367,579	
Pipe bedding (Type S granular bed 900x150mm)	m	£43.27	2794.43	£120,915	
Manholes (precast concrete 1200 dia x 2m deep)	no	£1,475.95	31.00	£45,754	
Pollution control measures	item	£20,000.00	1.00	£20,000	
			Total	£621,719	
<u>Series 600: Earthworks</u>					
Excavation of acceptable and/or unacceptable material (including carriageway & Drainage)	m3	£7.51	42977.25	£322,759	
Capping type 6F2 (600mm)	m3	£25.29	13669.80	£345,709	
Topsoiling and storage of topsoil	m2	£3.65	54155.00	£197,666	
Deposition of topsoil (150mm)	m3	£0.95	9899.57	£9,405	
Disposal of Material	m3	£13.00	97132.25	£1,262,719	
			Total	£2,138,258	
<u>Series 700: Pavements</u>					
Sub-base type 1 (150mm)	m3	£22.27	3417.45	£76,107	
Road Base (200mm)	m2	£21.83	22783.00	£497,353	
Binder course (55mm)	m2	£7.24	22783.00	£164,949	
Thin Wearing Course (45mm)	m2	£8.37	22783.00	£190,694	
			Total	£929,102	
<u>Series 1100: Kerbs, Footway and Paved Area</u>					
Footway sub-base (150mm)	m2	£5.00	28916.00	£144,580	
Footway base course (40mm) & Wearing course (20mm)	m2	£16.83	28916.00	£486,656	
Kerbing (half battered 125x255mm)	m	£8.80	5588.86	£49,182	
Kerbing (edge 150x50mm)	m	£4.86	5588.86	£27,162	
Kerbing foundation (300x150mm)	m	£4.58	11177.72	£51,194	
			Total	£758,774	
<u>Series 1200: Traffic Signs, signals and Road Markings</u>					
Traffic signs	nr	£307.90	10.00	£3,079	
Traffic sign foundation (600x600x600mm)	m3	£97.12	2.50	£243	
Linemarking	m	£0.71	2794.43	£1,984	
			Total	£5,306	

02/07/2009

Series 1300: Road Lighting

Lighting (10m columns)	nr	£786.83	80.00	£62,946
			Total	£62,946

Series 1400: Electrical work for road Lighting& Signs

Electrical Work (Trench for 100mm Cable & Duct for Signals & Lighting)	m	£13.90	5588.86	£77,685
Electrical Work (100mm Cable & Duct for Signals & Lighting)	m	£4.79	5588.86	£26,771
			Total	£104,456

Series 3000: Landscaping

Seeding	m2	£0.75	2456.00	£1,842
Hedge planting	m	£11.25	5588.86	£62,875
			Total	£64,717

Total
0.00