

JOB NAME:

JOB NUMBER:

CALCS BY:

DATE:

FROM DRG:

Sandsend (1.2km)

RAM

13.10.11

Based on Site Visit

COST ESTIMATES

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	£
100	PRELIMINARIES				
1.1	PRELIMINARIES (10%)	1	ITEM	£7,336,625.89	£7,336,625.89
1.2	TRAFFIC MANAGEMENT	1	ITEM	£100,000.00	£100,000.00
1.3	TEMPORARY ROUTES	1	ITEM	£50,000.00	£50,000.00
		10% MINOR ITEMS			£15,000.00
					£7,501,625.89
200	SITE CLEARANCE				
2.1	GENERAL INC. VEGETATION	1	ITEM	£50,000.00	£50,000.00
2.2	TREE REMOVAL	1	ITEM	£25,000.00	£25,000.00
		10% MINOR ITEMS			£7,500.00
					£82,500.00
400	GUARD RAILING, & STRUCTURES				
4.1	GUARD RAILING	0	M	£80.00	£0.00
4.2	CONCRETE BRIDGE	4428	SqM	£3,000.00	£13,284,000.00
4.3	HEADWALL	10	ITEM	£1,500.00	£15,000.00
4.4	TIMBER POST AND RAIL FENCE	2400	M	£25.00	£60,000.00
		10% MINOR ITEMS			£1,335,900.00
					£14,694,900.00
500	DRAINAGE & DUCTS				
5.1	GULLY	52	No.	£250.00	£13,000.00
5.2	150mm O PIPES (shallow)	780	M	£70.00	£54,600.00
5.3	225/300mm O PIPES (shallow)	2200	M	£110.00	£242,000.00
5.4	MANHOLES	30	No.	£1,500.00	£45,000.00
5.5	ADJUST MANHOLE COVERS AND FRAMES	10	ITEM	£140.00	£1,400.00
		10% MINOR ITEMS			£35,600.00
					£391,600.00
600	EARTHWORKS				
6.1	EXCAVATE TOPSOIL (0.2m thk)	26400	CuM	£2.92	£77,088.00
6.2	SOIL & SEED (150 thk) 1.0m STRIP.	14400	SqM	£5.94	£85,536.00
6.3	EXCAVATE U/S (or Suitable)	792668	CuM	£2.30	£1,823,136.40
6.4	EXCAVATE HARD	24265	CuM	£50.09	£1,215,433.85
6.5	DISPOSE U/S	816933	CuM	£59.00	£48,199,047.00
6.6	PLACE AND COMPACT SUITABLE	28800	CuM	£1.21	£34,848.00
6.7	IMPORT SUITABLE	0	CuM	£28.04	£0.00
6.8	IMPORT CAPPING AND COMPACT	5256	CuM	£32.35	£170,031.60
6.9	FORMATION AND SUB-FORMATION	107760	SqM	£0.84	£90,518.40
6.10	SOFT SPOTS - EXCAVATE	2352	CuM	£3.04	£7,150.08
6.11	SOFT SPOTS - FILL	2352	CuM	£21.24	£49,956.48
6.12	EXCAVATION OF NEW DITCHES	500	M	£15.00	£7,500.00
		10% MINOR ITEMS			£5,176,024.58
					£56,936,270.39
700	PAVEMENT				
7.1	SUB-BASE (150mm)	1314	CuM	£32.03	£42,087.42
7.2	ROAD-BASE (240mm)	8760	SqM	£30.19	£264,464.40
7.3	SURFACING (40mm)	11760	SqM	£18.00	£211,680.00
7.4	PLANE AND REMOVE (40mm)	3000	SqM	£8.81	£26,430.00
7.5	TACK COAT	20520	SqM	£0.62	£12,722.40
7.6	REGULATING MATERIAL	200	t	£63.25	£12,650.00
7.7	SHELL GRIP	0	SqM	£16.00	£0.00
		10% MINOR ITEMS			£57,003.42
					£627,037.64

NOTES
10% Assumed (this is normally estimated based on a percentage nad therefore could be reduced to say 5%) Assumed Assumed - Works associated with temporary routing of traffic Assumed contingency
Assumed - Detailed survey required Assumed - Detailed survey required Assumed contingency
Not Required Assumed 3 structures (200m length, 90m length, and 70m length) Rate based on recent costed scheme for similar structure span. This cost may reduce subject to the types of structures used. Assumed Assumed Assumed contingency
Assumed - based on 7.3m carriageway Assumed - based on 7.3m carriageway Assumed - based on 7.3m carriageway Assumed - based on 7.3m carriageway Assumed - based on 7.3m carriageway Assumed contingency
Assumed - Detailed survey required Assumed - Detailed survey required Assumed - Detailed survey required Assumed - Detailed survey required Dependant on the disposal rate, method and distance used. (this value could reduce by approximately £40million if material re-used nearby) Assumed - Detailed survey required Assumed - Detailed survey required Assumed - Detailed survey required Assumed - Detailed survey required Assumed - Detailed survey required Assumed - Detailed survey required Assumed - Detailed survey required Assumed - Detailed survey required Assumed contingency
Assumed - based on 7.3m wide carriageway Assumed - based on 7.3m wide carriageway Assumed - based on 7.3m wide carriageway Assumed Assumed - based on 7.3m wide carriageway Assumed - Detail design required Assumed - based on 7.3m wide carriageway Assumed contingency

COST ESTIMATES

ADDITIONS:

<p>This is based on 5% but you may wish to reduce this amount.</p> <p>This is based on 10% but you may wish to reduce this amount.</p> <p>No change</p> <p>Not included</p>

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