

**Costs**

**Information - Culvert 20m of open watercourse and 15m of culvert beneath existing track.**

Task	Notes	Q25				Q50			Q100			Q200		
		quantity	unit	rate	Total	quantity	rate	Total	quantity	rate	Total	quantity	rate	Total
1	Site Clearance			Assumption			fixed	£5,000		fixed	£5,000		fixed	£5,000
2	Excavation	20	m	£500	£10,000	20	£500	£10,000	20	£500	£10,000	20	£500	£10,000
3	Excavation	15	m	£500	£7,500	15	£500	£7,500	15	£500	£7,500	15	£500	£7,500
4	Disposal of existing culvert			fixed	£2,500		fixed	£2,500		fixed	£2,500		fixed	£2,500
5	Filling			fixed	£4,000		fixed	£4,000		fixed	£4,000		fixed	£4,000
6	Landscaping	200	m2	£50	£10,000	200	£50	£10,000	200	£50	£10,000	200	£50	£10,000
7	Temporary diversion of watercourse			On line construction, fluming required	fixed	£2,000	fixed	£2,000	fixed	£2,000	fixed	£2,000	fixed	£2,000
8	Trash screen	2	nr	£2,000	£4,000	2	£2,000	£4,000	2	£2,000	£4,000	2	£2,000	£4,000
9	Bank protection works	20	m	£100	£2,000	20	£100	£2,000	20	£100	£2,000	20	£100	£2,000
10	Risk contingency for garage			fixed	£5,000		fixed	£5,000		fixed	£5,000		fixed	£5,000
11	Reinstate lane surface	15	m2	£100	£1,500	15	£100	£1,500	15	£100	£1,500	15	£100	£1,500
12	Precast concrete box culvert (1.6m x 1m)	20	m	£2,000	£40,000	20	£2,000	£40,000	20	£2,000	£40,000	20	£2,000	£40,000
13	Precast concrete box culvert (1.6m x 1m)	15	m	£2,000	£30,000	15	£2,000	£30,000	15	£2,000	£30,000	15	£2,000	£30,000
<b>Sub Total</b>					<b>£123,500</b>	<b>£123,500</b>			<b>£123,500</b>			<b>£123,500</b>		

**Information - Flood bund approx 130m in length, 2m crest width, 0.4m high and 1 in 2 side slopes.**

Task	Notes	quantity	unit	rate	Total	quantity	rate	Total	quantity	rate	Total	quantity	rate	Total
1	Site Clearance	800	m2	£5	£4,000	1,200	£5	£6,000	1,500	£5	£7,500	2,000	£5	£10,000
2	Excavation	800	m3	£8	£6,400	1,200	£8	£9,600	1,500	£8	£12,000	2,000	£8	£16,000
3	Disposal			Excess and unsuitable material	fixed	£2,000.00	fixed	£2,000.00	fixed	£2,000.00	fixed	£2,000.00	fixed	£2,000.00
4	Trimming	800	m2	£3	£2,400	1,200	£3	£3,600	1,500	£3	£4,500	2,000	£3	£6,000
5	Bank construction	130	m3	£150	£19,500	130	£230	£29,900	130	£280	£36,400	130	£300	£39,000
6	Landscaping & Reinstatement	400	m2	£15	£6,000	475	£15	£7,125	550	£15	£8,250	625	£15	£9,375
<b>Sub Total</b>					<b>£40,300</b>	<b>£58,225</b>			<b>£70,650</b>			<b>£82,375</b>		

**Information - Channel widening over 250m length for 2-3m width (1m extra bed width)**

Task	Notes	quantity	unit	rate	Total	quantity	rate	Total	quantity	rate	Total	quantity	rate	Total
1	Site Clearance	750	m2	£5	£3,750	750	£5	£3,750	750	£5	£3,750	750	£5	£3,750
2	Excavation	750	m3	£8	£6,000	750	£8	£6,000	750	£8	£6,000	750	£8	£6,000
3	Trimming	2,000	m2	£3	£6,000	2,000	£3	£6,000	2,000	£3	£6,000	2,000	£3	£6,000
4	Import of clay	150	m3	£25	£3,750	150	£25	£3,750	150	£25	£3,750	150	£25	£3,750
5	Disposal			fixed	£7,500		fixed	£7,500		fixed	£7,500		fixed	£7,500
6	Dwarf wall and handrailing	250	m	£75	£18,750	250	£75	£18,750	250	£75	£18,750	250	£75	£18,750
7	Reinstatement	375	m3	£20	£7,500	375	£20	£7,500	375	£20	£7,500	375	£20	£7,500
8	Landscaping	625	m2	£15	£9,375	625	£15	£9,375	625	£15	£9,375	625	£15	£9,375
9	Bank Protection	500	m2	£20	£10,000	500	£20	£10,000	500	£20	£10,000	500	£20	£10,000
<b>Sub Total</b>					<b>£72,625</b>	<b>£72,625</b>			<b>£72,625</b>			<b>£72,625</b>		

**Information - Flood embanking at CHU\_00458 40m in length, 1m crest width, 0.1m/0.25m/0.7m high and 1 in 2 side slopes.**

Task	Notes	quantity	unit	rate	Total	quantity	rate	Total	quantity	rate	Total	quantity	rate	Total
1	Site Clearance		m2			60	£5	£300	80	£5	£400	150	£5	£750
2	Excavation		m3			15	£8	£120	25	£8	£200	50	£8	£400
3	Disposal			Excess and unsuitable material			fixed	£400		fixed	£1,000		fixed	£1,500
4	Trimming		m2			80	£3	£240	100	£3	£300	120	£3	£360
5	Fill		m			40	£35	£1,400	40	£50	£2,000	40	£140	£5,600
6	Landscaping & Reinstatement		m2			80	£15	£1,200	100	£15	£1,500	120	£15	£1,800
<b>Sub Total</b>					<b>£0</b>	<b>£3,660</b>			<b>£5,400</b>			<b>£10,410</b>		

**Costs - Summary**

<b>Task</b>	<b>Notes</b>													
Land Purchase	Assumption	3,000	m3	£50	£150,000	3,000	£50	£150,000	3,000	£50	£150,000	3,000	£50	£150,000
Site Investigation					£20,000			£20,000			£20,000			£20,000
<b>Sub total</b>					<b>£236,425</b>			<b>£258,010</b>			<b>£272,175</b>			<b>£288,910</b>
Contingency	50% of sub total	25	%	-	<b>£59,106</b>	25	-	<b>£64,503</b>	25	-	<b>£68,044</b>	25	-	<b>£72,228</b>
Site set-up, prelims, overheads, etc.	10% of sub total + 10k contingency				<b>£33,643</b>			<b>£35,801</b>			<b>£37,218</b>			<b>£38,891</b>
<b>Total</b>					<b>£499,174</b>			<b>£528,314</b>			<b>£547,436</b>			<b>£570,029</b>
<b>Total £k</b>					<b>499.17375</b>			<b>528.3135</b>			<b>547.43625</b>			<b>570.0285</b>