

**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			fixed	£5,000		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			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, 1.1m 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	2,000	m2	£5	£10,000	2,400	£5	£12,000	2,800	£5	£14,000	3,200	£5	£16,000
2	Excavation	2,000	m3	£8	£16,000	2,400	£8	£19,200	2,800	£8	£22,400	3,200	£8	£25,600
3	Disposal			fixed	£2,000		fixed	£2,000		fixed	£2,000		fixed	£2,000
4	Trimming	2,000	m2	£3	£6,000	2,400	£3	£7,200	2,800	£3	£8,400	3,200	£3	£9,600
5	Bank construction	130	m	£300	£39,000	130	330	£42,900	130	363	£47,190	130	399	£51,909
6	Landscaping & Reinstatement	625	m2	£15	£9,375	650	£15	£9,750	675	£15	£10,125	700	£15	£10,500
<b>Sub Total</b>					<b>£82,375</b>	<b>£93,050</b>			<b>£104,115</b>			<b>£115,609</b>		

**Information - Channel stabilisation over 100m length.**

Task	Notes	quantity	unit	rate	Total	quantity	rate	Total	quantity	rate	Total	quantity	rate	Total
1	Site Clearance	1,500	m2	£5	£7,500	1,750	£5	£8,750	2,000	£5	£10,000	2,000	£5	£10,000
2	Excavation	1,500	m3	£5	£7,500	1,750	£5	£8,750	2,000	£5	£10,000	2,000	£5	£10,000
3	Trimming	2,000	m2	£3	£6,000	2,000	£3	£6,000	2,000	£3	£6,000	2,000	£3	£6,000
4	Disposal			fixed	£5,000		fixed	£5,000		fixed	£5,000		fixed	£5,000
5	Dwarf wall and handrailing	150	m	£350	£52,500	175	£350	£61,250	200	£350	£70,000	225	£350	£78,750
6	Piling	150	m	£600	£90,000	150	£690	£103,500	150	£794	£119,025	150	£913	£136,879
7	Reinstatement	250	m3	£20	£5,000	250	£20	£5,000	250	£20	£5,000	250	£20	£5,000
8	Landscaping	500	m2	£15	£7,500	500	£15	£7,500	500	£15	£7,500	500	£15	£7,500
9	Bank Protection	300	m2	£20	£6,000	300	£20	£6,000	300	£20	£6,000	300	£20	£6,000
<b>Sub Total</b>					<b>£187,000</b>	<b>£211,750</b>			<b>£238,525</b>			<b>£265,129</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						fixed	£400		fixed	£1,000		fixed	£1,500
4	Trimming		m2			80	£3	£240	100	£3	£300	120	£3	£360
5	Bank construction		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>		

Information - Flood embanking at CHU\_00282 40m in length, 1m crest width, 0.5m/0.55m/0.6m 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	Assumption		m2			120	£5	£600	130	£5	£650	140	£5	£700
2	Excavation	Excavate area for foundation of bund		m3			36	£8	£288	40	£8	£320	42	£8	£336
3	Disposal	Excess and unsuitable material						fixed	£5,000		fixed	£5,000		fixed	£5,000
4	Trimming			m2			130	£3	£390	140	£3	£420	150	£3	£450
5	Bank construction	Clay core		m			40	£90	£3,600	40	100	£4,000	40	110	£4,400
6	Landscaping & Reinstatement	Grass seeding etc.		m2			130	£15	£1,950	140	£15	£2,100	150	£15	£2,250
<b>Sub Total</b>						<b>£0</b>			<b>£11,828</b>			<b>£12,490</b>			<b>£13,136</b>

**Costs - Summary**

Task	Notes	quantity	unit	rate	Total	quantity	rate	Total	quantity	rate	Total	quantity	rate	Total
Land Purchase	Assumption	1,000	m2	£50	£50,000	1,500	£50	£75,000	2,000	£50	£100,000	2,000	£50	£100,000
Site Investigation					£20,000			£20,000			£20,000			£20,000
<b>Sub total</b>					<b>£392,875</b>			<b>£443,788</b>			<b>£484,030</b>			<b>£527,784</b>
Contingency	% of sub total	25	%	-	£98,219	25	-	£110,947	25	-	£121,008	25	-	£131,946
Site set-up, prelims, overheads, etc.	% of (sub total + contingency) + 10k	25	%		£108,219	25		£120,947	25		£131,008	25		£141,946
<b>Total</b>					<b>£669,313</b>			<b>£770,682</b>			<b>£856,045</b>			<b>£921,676</b>
<b>Total £k</b>					669.31			770.68			856.05			921.68