

COST ESTIMATE

Natural Systems Design

Project: Keys Road Flood Protection
Project No: GHC-002
 Phase I Draft Final Design

Analyst: MSmith, MTiedemann

Checked: -

Latest Revision: 6/3/2020

Allowance for Indeterminates Included in Bid Items: 15%

Inflation to 2020 \$ Included in Bid Items: 0%

Construction

Item #	Item Description	Quantity	Unit	Unit Price (\$)	Amount (\$)
1	MOBILIZATION	1	LS	\$217,566	\$217,566
2	TEMPORARY EROSION AND SEDIMENT CONTROL	1	LS	\$21,873	\$21,873
3	TEMPORARY CONSTRUCTION ACCESS AND STAGING	1	LS	\$31,018	\$31,018
4	SITE ISOLATION	1	LS	\$99,061	\$99,061
5	RELIEF CHANNEL RM 1.0	1	LS	\$151,455.00	\$151,455
6	TYPE 1 APEX ELJ	7	EA	\$41,591	\$291,136
7	TYPE 2 APEX ELJ	1	EA	\$27,586	\$27,586
8	TYPE 1 DEFLECTOR ELJ	9	EA	\$42,419	\$381,770
9	FLOODPLAIN ROUGHNESS TRIANGULAR ELJ	7	EA	\$10,414	\$72,895
10	TYPE 1 SETBACK REVETMENT ELJ	6	EA	\$43,660	\$261,963
11	TYPE 2 SETBACK REVETMENT ELJ	12	EA	\$31,632	\$379,583
12	BANK RIPRAP REMOVAL	1	LS	\$10,914	\$10,914
13	TEMPORARY SEEDING AND MULCHING	1	LS	\$31,205	\$31,205
	Subtotal				\$1,978,024
	Taxes (as % of Construction Sub-Total)	8.8%			174,066
Total (Construction)					\$2,152,091

Optional Additive

Item #	Item Description	Quantity	Unit	Unit Price (\$)	Amount (\$)
1	SITE ISOLATION FOR TIMER COMPLEX ELJ	1	LS	\$13,570	\$13,570
2	TIMBER COMPLEX ELJ	4	EA	\$39,992	\$159,970
	Subtotal				\$173,540
	Taxes (as % of Construction Sub-Total)	8.8%			15,271
Total (Optional Additive)					\$188,811

Revegetation - for Grays Harbor Conservation District

Item #	Item Description	Quantity	Unit	Unit Price (\$)	Amount (\$)
1	PLANTING	1	LS	\$19,431	\$19,431
	Subtotal				\$19,431
	Taxes (as % of Construction Sub-Total)	8.8%			1,710
Total (Revegetation - for Grays Harbor Conservation District)					\$21,141