

Engineer's Estimate - April 2019
West Hawthorne Transfer Station Stormwater Improvements
Humboldt County, California

Item	Description	Unit	Quantity	Unit Price	Amount
General Requirements					
1	Mobilization	LS	1	\$9,102.67	\$9,102.67
2	Coordination	LS	1	\$5,000.00	\$5,000.00
3	Health and Safety	LS	1	\$1,000.00	\$1,000.00
4	Field Engineering	LS	1	\$1,500.00	\$1,500.00
Demolition					
5	Drop Inlet Removal (W-DI.10, W-DI.20, S-DI.34, S-DI.33)	LS	4	\$1,000.00	\$4,000.00
6	Plug of W-OWS and Outfall to West	LS	1	\$300.00	\$300.00
7	Removal of S-OWS (Oil/Water Separator)	LS	1	\$1,000.00	\$1,000.00
8	Removal of South Overflow Structure	LS	1	\$2,000.00	\$2,000.00
9	Plug Outfall to South	LS	1	\$300.00	\$300.00
10	Sawcut existing paving	LF	160	\$5.75	\$920.00
11	12" culvert removal (near S-DI.31)	LF	10	\$20.00	\$200.00
12	Concrete plug removal at S-DI.20 (west side)	EA	1	\$500.00	\$500.00
Stormwater Improvements					
13	Concrete valley gutter	LF	50	\$75.00	\$3,750.00
14	Concrete Trench Drain	LF	166	\$180.00	\$29,880.00
15	Trench drain grates - H20 traffic rated	LF	166	\$30.00	\$4,980.00
16	12" N-12 HDPE pipe	LF	88	\$118.00	\$10,384.00
17	S-DI.31 Re-Connection to new piping	LS	1	\$500.00	\$500.00
18	Filtration Swale	SF	100	\$20.00	\$2,000.00
19	Pre-cast 3,000 gal clarifier (Full install)	LS	1	\$8,500.00	\$8,500.00
20	Pre-cast 2,000 gal clarifier (Full Install)	LS	1	\$9,500.00	\$9,500.00
Earthwork					
21	Finish Grading (new paved areas)	SF	5,700	\$2.00	\$11,400.00
22	Excavation/Removal of Unsuitable Soils (12")	CY	211	\$20.00	\$4,222.22
23	Aggregate Base underlayment - Mirafi 500x	SF	5,700	\$0.75	\$4,275.00
24	Aggregate Base - below paving (8" depth)	SF	5,700	\$2.00	\$11,400.00
25	AC paving (3.5" thickness)	SF	5,700	\$6.00	\$34,200.00
Other					
26	Concrete blocks (24" Height and Width Profile)	LF	300	\$40.00	\$12,000.00
Total of All Base Bid Items					\$172,813.90
Contingency (15%)					\$25,922.08
Grant Estimate Total with Contingency					\$198,735.98