

HMGP Cost Estimate Spreadsheet

DATE	JURISDICTION NAME	DISASTER & PROJECT OR PLANNING #	PROJECT OR PLANNING TITLE		
	Humboldt Bay Municipal Water District	DR-4558-0389	TRF Power Resiliency Generator Project		
#	Item Name	Unit Quantity	Unit of Measure	Unit Cost	Cost Estimate Total
1	Pre-Award Costs:				\$ -
2	Grant Application	145	HR	\$ 145.00	\$ 21,025
3					\$ -
4	Phase 1 Costs:				\$ -
5	Preliminary Survey	250	HR	\$ 145.00	\$ 36,250
6	Preliminary Engineering Design	600	HR	\$ 145.00	\$ 87,000
7	NEPA/CEQA Special Studies	450	HR	\$ 145.00	\$ 65,250
8	Geotechnical Investigation	500	HR	\$ 145.00	\$ 72,500
9					\$ -
10	Phase 2 Costs:				
11	Project Management	300	HR	\$ 145.00	\$ 43,500
12	Final Survey	250	HR	\$ 145.00	\$ 36,250
13	Final Engineering Design	700	HR	\$ 145.00	\$ 101,500
14	CEQA Document	350	HR	\$ 145.00	\$ 50,750
15	County & Air Board Permitting	200	HR	\$ 145.00	\$ 29,000
16	Construction Management	1200	HR	\$ 150.00	\$ 180,000
17	Mobilization and Demobilization	1	EA	\$ 70,000.00	\$ 70,000
18	Silt Fence/Fiber Rolls	350	LF	\$ 25.00	\$ 8,750
19	Grading, Aggregate Paving: Road, Generator Area	8715	SF	\$ 35.00	\$ 305,025
20	Foundation for Generator & Fuel Tank	869	SF	\$ 30.00	\$ 26,070
21	Sound Attenuating Generator Enclosure	1	EA	\$ 57,500.00	\$ 57,500
22	750 kW Generator	1	EA	\$ 350,000.00	\$ 350,000
23	Automatic Transfer Switch	1	EA	\$ 75,000.00	\$ 75,000
24	Electrical Conduit to Backwash Facility	350	LF	\$ 50.00	\$ 17,500
25	Electrical Conduit to Duct Heaters	350	LF	\$ 50.00	\$ 17,500
26	Electrical Conduit to Sludge Pumps	550	LF	\$ 50.00	\$ 27,500
27	Concrete Coring for Conduit	7	EA	\$ 5,000.00	\$ 35,000
28	3,000 Gallon Fuel Tank	1	EA	\$ 96,856.00	\$ 96,856
29	Double Wall Fuel Lines to & from Both Generators	550	LF	\$ 57.00	\$ 31,350
30	Fuel Transfer Pumps w/ Leak Detectors	3	EA	\$ 12,000.00	\$ 36,000
31	Electrical Controls and SCADA Integration	1	EA	\$ 100,000.00	\$ 100,000
32	Fencing	320	LF	\$ 60.00	\$ 19,200
33	Startup Testing	1	EA	\$ 75,000.00	\$ 75,000
34					\$ -
35					\$ -
36					\$ -
37					\$ -
38					\$ -
39					\$ -
40					\$ -
Total Project Cost Estimate:				\$	2,071,276