

**Menlo Park SAFER Bay
Budget Detail**

Project Cost Detail					
Line Item	Item Name	Quantity	Unit	Unit Price	Subtotal Price
	Subapplication Preparation Costs				
1	Pre-award Cost - FEMA BRIC Subapplication Preparation	1	EA	\$ 190,000	\$ 190,000
	Phase 1 - Environmental Permitting and 90% Design				
2	Task 1.1 - Procurement for Design and Environmental Services	1	EA	\$ 26,000	\$ 26,000
3	Task 1.2 - Project Management including Kick-Off Meeting	1	EA	\$ 150,000	\$ 150,000
	Task 1.3 - Public Outreach				
4	Public Outreach Plan	1	EA	\$ 9,000	\$ 9,000
5	Public Meetings / Workshops	1	EA	\$ 33,000	\$ 33,000
6	Advisory Board/Stakeholder Meetings	1	EA	\$ 21,000	\$ 21,000
	Task 1.4 - Environmental Permits				
7	Project Description	1	EA	\$ 276,000	\$ 276,000
8	Notice of Preparation, public scoping meeting	1	EA	\$ 32,000	\$ 32,000
9	Draft EIR	1	EA	\$ 372,000	\$ 372,000
10	Final EIR and Mitigation Monitoring Program	1	EA	\$ 83,000	\$ 83,000
11	Findings of Fact, Statement of Overriding Consideration, Notice of Determination	1	EA	\$ 14,000	\$ 14,000
12	Meetings and Coordination - Environmental Outreach	1	EA	\$ 81,000	\$ 81,000
13	Regulatory Permitting	1	EA	\$ 320,000	\$ 320,000
14	Task 1.5 - Right-of-Way Acquisition Negotiations	1	EA	\$ 540,000	\$ 540,000
	Task 1.6 - Engineering and Design				
15	Data Collection	1	EA	\$ 27,000	\$ 27,000
16	Ground Survey and Utility Location	1	EA	\$ 24,000	\$ 24,000
17	Aerial Base Mapping	1	EA	\$ 9,000	\$ 9,000
18	Review of Geotechnical Information and Site Reconnaissance	1	EA	\$ 12,000	\$ 12,000
19	Field Investigation	1	EA	\$ 1,800,000	\$ 1,800,000
20	Laboratory Testing	1	EA	\$ 150,000	\$ 150,000
21	Geotechnical Engineering Analysis and Evaluation	1	EA	\$ 282,000	\$ 282,000
22	Engineering Support for Project Description	1	EA	\$ 50,000	\$ 50,000
23	Design Criteria Memorandum	1	EA	\$ 49,000	\$ 49,000
24	Coastal Hydraulics & Interior Drainage Analysis	1	EA	\$ 103,000	\$ 103,000
25	30% Plans, Specifications, Estimates, and Construction Schedule	1	EA	\$ 179,000	\$ 179,000
26	60% Plans, Specifications, Estimates, and Construction Schedule	1	EA	\$ 232,000	\$ 232,000
27	90% Plans, Specifications, Estimates, and Construction Schedule	1	EA	\$ 227,000	\$ 227,000
28	Design Documentation Report	1	EA	\$ 6,000	\$ 6,000
	Phase 2 - Final Design and Construction				
29	Task 2.1 - Project Management	1	EA	\$ 208,000	\$ 208,000
	Task 2.2 - Public Outreach				
30	Public Meetings / Workshops	1	EA	\$ 46,000	\$ 46,000
31	Advisory Board/Stakeholder Meetings	1	EA	\$ 29,000	\$ 29,000
	Task 2.3 - Final Design				
32	Final Plans, Specifications, Estimates, and Construction Schedule	1	EA	\$ 173,000	\$ 173,000
33	Design Documentation Report	1	EA	\$ 5,000	\$ 5,000

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34	Stormwater Pollution Prevention Plan	1	EA	\$	20,000	\$	20,000
35	Task 2.4 - Procurement for Construction management Services	1	EA	\$	26,000	\$	26,000
36	Task 2.5 - Construction Bidding	1	EA	\$	42,000	\$	42,000
	Task 2.6 - Engineering During Construction						
37	Meetings and Site Visits	1	EA	\$	63,000	\$	63,000
38	Support for Requests for Information (RFI) Review	1	EA	\$	39,000	\$	39,000
39	Permit Compliance Agency Coordination	1	EA	\$	26,000	\$	26,000
40	Support for Change Management	1	EA	\$	40,000	\$	40,000
41	Project Record Drawings	1	EA	\$	65,000	\$	65,000
	Task 2.7 - Construction Management						
42	Construction Manager	1	EA	\$	1,863,000	\$	1,863,000
43	Construction Coordination Meetings	1	EA	\$	261,000	\$	261,000
44	Construction Management Facilities and Equipment	1	EA	\$	185,000	\$	185,000
45	Reporting	1	EA	\$	152,000	\$	152,000
46	Risk Management	1	EA	\$	69,000	\$	69,000
47	Schedule Review and Analysis	1	EA	\$	22,000	\$	22,000
48	Payment Application Review	1	EA	\$	48,000	\$	48,000
49	Contractor Submittal and RFI Review	1	EA	\$	72,000	\$	72,000
50	Change Management	1	EA	\$	112,000	\$	112,000
51	Quality Assurance	1	EA	\$	540,000	\$	540,000
52	Wildlife Monitoring and Revegetation Monitoring	1	EA	\$	380,000	\$	380,000
53	Construction Documentation Report and Biological As-Built Report	1	EA	\$	48,000	\$	48,000
	Task 2.8 - Construction Activities						
A1	Mobilization/Demobilization	1	LS	\$	5,267,000	\$	5,267,000
A2	Traffic Control	1	LS	\$	1,358,000	\$	1,358,000
A3	Access and Maintenance	1	LS	\$	1,081,000	\$	1,081,000
A4	Erosion Control	1	LS	\$	1,463,000	\$	1,463,000
A5	Tree Removal	102	EA	\$	1,500	\$	153,000
A6	Foundation Dewatering	60,642	HR	\$	100	\$	6,064,200
A7	Clearing and Grubbing	44.2	AC	\$	5,000	\$	221,000
A8	Stripping	33,001	CY	\$	35	\$	1,155,035
A9	Excavation removed from site	159,165	CY	\$	25	\$	3,979,125
A10	Excavation re-used for T-zone	105,136	CY	\$	6	\$	630,816
A11	Levee Embankment Fill	772,870	CY	\$	33	\$	25,504,710
A12	Transition Zone Fill	105,136	CY	\$	6	\$	630,816
A13	Geogrid Reinforcement	156,504	SY	\$	6	\$	939,024
A14	Water Control Structure	3	EA	\$	85,000	\$	255,000
A15	Demolition - Asphalt Bike Path	4,733	SY	\$	20	\$	94,660
A16	Asphalt Concrete Pavement	4,541	TN	\$	145	\$	658,445
A17	Aggregate Surface	3,263	CY	\$	48	\$	156,624
A18	Floodwall	110,950	SF	\$	31	\$	3,439,450
A19	Flood Gates	3	EA	\$	300,000	\$	900,000
A20	Hydroseeding	72	AC	\$	10,000	\$	720,000
A21	Transition-Zone Re-Vegetation	31.7	AC	\$	100,000	\$	3,170,000
A22	Oyster Shell Placement in Pond R3	4.3	AC	\$	740	\$	3,182