

FINANCIAL SUMMARY
Brown Fill Removal Project
Flood Protection Corridor Program (FPCP)

The Brown Fill Removal and Riparian Restoration Project estimated cost total is \$3,601,000.00 The City of San Diego will contribute \$154,500.00 toward the Project as “match” services. The County of San Diego, Park and Recreation Department will contribute the Project site property (16 acres) to be restored, valued at \$720,000.00 Project supporters such as SWIA and San Diego Audubon Society will contribute “match” advisory committee time toward the planning and implementation of the Project, valued at approximately \$5,000.00 All contributions and expenses are shown in the budget table and milestones table.

It is estimated that approximately 50,000 people will benefit from the flood control Project. The Flood Protection Corridor Funds will have an approximate benefit of \$54.43 per person as specified in the Section A in the Miscellaneous Benefits and Quality of Proposal grant application section.

The City of San Diego, Engineering and Capital Projects Department will set up a trust fund using a portion of grant funds for maintenance of the Project site, as specified in the Water Code Section 79044.

PRELIMINARY ESTIMATED BUDGET

Task	Rate	Unit	Quantity	Unit	Amount	FPCP	City Match	Supporters Match
1. Planning								
<u>City Staff:</u>								
a) Advisory Committee Development,	\$60	hour	200	hours	\$12,000	\$0	\$12,000	
b) Consultant Hiring,								
c) Review: Restoration Plans, Downstream Effects Study, Engineering & Flood Protection Plans								
Engineering Ground Survey					\$20,000	\$0	\$20,000	\$0
<u>Supporters:</u>								
San Diego Audubon Society: a), b), c)	\$80	hour	31	hours	\$2,500	\$0		\$2,500
SWIA: a), b), c)	\$80	hour	31	hours	\$2,500	\$0		\$2,500
San Diego County (Property)	\$45,000	acre	16	acres	\$720,000	\$0	\$0	\$720,000
<u>Consultant:</u>								
Downstream Effects Study					\$100,000	\$100,000	\$0	\$0
Engineering & Flood Protection Plans					\$300,000	\$300,000	\$0	\$0
Restoration & Monitoring Plans					\$30,000	\$30,000	\$0	\$0
Subtotal Task 1					\$ 1,187,000	\$ 430,000	\$32,000	\$725,000
2. Permitting								
<u>City Staff & DSD:</u>								
Review & Approval	\$60	hour	520	hours	\$31,200	\$31,200	\$0	\$0
<u>Consultant:</u>								
Permit Application Preparation	\$5,000	each	10	permits	\$50,000	\$50,000	\$0	\$0
Wetland Delineation Survey					\$5,000	\$5,000	\$0	\$0
Protocol Survey					\$10,000	\$10,000	\$0	\$0
Consulting Fees					\$20,000	\$20,000	\$0	\$0
CEQA					\$20,000	\$20,000	\$0	\$0
Subtotal Task 2					\$136,200	\$136,200	\$0	\$0
3. Waste Characterization								
<u>City:</u>								
Equipment					\$5,000	\$0	\$5,000	\$0
<u>Consultant:</u>								
Sampling & Analyses Plan					\$7,500	\$0	\$7,500	\$0
Field Program					\$30,000	\$0	\$30,000	\$0
Laboratory Analyses					\$50,000	\$0	\$50,000	\$0
Reporting					\$15,000	\$0	\$15,000	\$0
Regulatory Liaison					\$15,000	\$0	\$15,000	\$0
Subtotal Task 3					\$122,500	\$0	\$122,500	\$0

4. Excavation, Disposal/Reuse								
Excavation	\$10	cy	16,000	cy	\$160,000	\$160,000	\$0	\$0
Transportation	\$7	ton	28,000	tons	\$196,000	\$196,000	\$0	\$0
Disposal Fees	\$41	ton	28,000	tons	\$1,148,000	\$1,148,000	\$0	\$0
Bond	\$10,000	sum	1	---	\$10,000	\$10,000	\$0	\$0
Contingency (10%)					\$151,400	\$151,400	\$0	\$0
Subtotal Task 4					\$1,665,400	\$1,665,400	\$0	\$0
5. Erosion Control								
<u>Consultant:</u>								
Erosion & Storm Water Pollution Control Measures					\$100,000	\$100,000	\$0	\$0
Subtotal Task 5					\$100,000	\$100,000	\$0	\$0
6. Non-Native Control, Planting & Restoration								
<u>Consultant:</u>								
Non-Native Plant Control	\$10,000	acre	5	acres	\$50,000	\$50,000	\$0	\$0
Substrate Preparation	\$3,000	acre	16	acres	\$48,000	\$48,000	\$0	\$0
Restoration Materials	\$7,000	acre	16	acres	\$112,000	\$112,000	\$0	\$0
Restoration Labor- CA Conservation Corps	\$1000	day	14	days	\$14,000	\$14,000	\$0	\$0
Restoration Labor- Consultant	\$75.00	hour	112	hours	\$8,400	\$8,400	\$0	\$0
Irrigation	\$5,000	acre	16	acres	\$80,000	\$80,000	\$0	\$0
Subtotal Task 6					\$312,400	\$312,400	\$0	\$0
7. Maintenance & Monitoring (5 yrs)								
<u>Consultant:</u>								
Replacement of Lost Vegetation	\$5,000	yr	5	yr	\$25,000	\$10,000	\$0	\$0
Non-Native Plant Control	\$5,000	yr	5	yr	\$25,000	\$25,000	\$0	\$0
Monitoring Site Visit	\$4,000	yr	5	yr	\$20,000	\$20,000	\$0	\$0
Monitoring Reports	\$1,500	each	5	1/yr	\$7,500	\$7,500	\$0	\$0
Subtotal Task 7					\$77,500	\$77,500	\$0	\$0
GRAND TOTAL					\$3,601,000	\$2,721,500	\$154,500	\$725,000

Notes

- a. The level of effort for permitting will depend on the results of a jurisdictional determination.
- b. Disposal/reuse options will be contingent on the characterization of the fill materials (clean/non-hazardous/hazardous).
Innovative reuse options will be considered to reduce project costs, contingent on the waste characterization.
- c. Disposal fees will depend on the waste characterization.