

**Detroit River AOC Habitat Restoration Project – South Fishing Pier and Detroit River
Line Item Cost Breakdown**

		Local Match	Grant Request	Total Cost
a. Personnel/Salaries.	\$	30,655	\$ 20,000	\$ 50,655
b. Fringe Benefits.		included above	\$ 6,635	\$ 6,635
c. Travel. Field Investigations	\$	-	\$ 1,000	\$ 1,000
d. Equipment. Monitoring/Fyke nets/Hoop nets/boat	\$	-	\$ 2,000	\$ 2,000
e. Supplies. / Material Cost for Outreach/Education	\$	-	\$ 5,000	\$ 5,000
Engineering/ Design Cost (8% of Construction)	\$	-	\$ 45,600	\$ 45,600
f. Contract costs. Detailed Below	\$	-	\$ 355,000	\$ 355,000
f(1) Coastal Wetland Restoration - 2.5 Acres				
o 2 Deep Pools, 1 acre and 0.6 acres 10 feet average cut				
o /Aquatic planting; 1.5 acres: \$16,000				
o Earth excavation for deep water habitat: 16,000 Cubic yards \$160,000				
o /Brush bundles: Weighted and tied: 40 Each; \$8,000				
o Rip rap structures: Ave Dimension: 5'X4"X1,200LF: 1,600 tons; \$112,000				
o Mobilization: \$10,000				
o Contingency 16%: \$48,960				
o Subtotal:			\$ 355,000	
g. Other Costs. Monitoring Labor/Analysis/Documentation	\$	-	\$ 62,399	\$ 62,399
h. Total Direct Charges.	\$	30,655	\$ 497,634	\$ 528,289
i. Indirect Charges.	\$	-	\$ -	\$ -
j. Total Cost.	\$	30,655	\$ 497,634	\$ 528,289