

Louisiana Swamp Tidal Reconnection January 2013		Quantity	Unit	Cost per Unit	Total Cost	Estuary Partnership Expense	Cost Share Expense	Cost Share Source
Task 1. Engineering and Surveying								
	Construction Surveying & Site Preparation	50	hour	\$100	\$5,000	\$5,000		
	Engineering Construction Supervision	80	hour	\$105	\$8,400	\$8,400		
	Columbia SWCD Project Management	50	hour	\$50	\$2,500	\$2,500		
	LCRWC Project Management	30	hour	\$35	\$1,050	\$0	\$1,050	LCRWC
				Task Subtotal	\$16,950	\$15,900	\$1,050	
Task 2. Erosion Control and Dewatering								
	Diversion Pipe, Pump & Check Dam	1	item	\$2,500	\$2,500	\$2,500		
	Sediment Control Fence	500	ft	\$5	\$2,500	\$2,500		
	Seed and Straw (Materials and Installation)	25	per acre	\$1,000	\$25,000	\$25,000		
	Construction Entrance	240	hrs	\$45	\$10,800	\$10,800		
	Turbidity Curtain	3	each	\$2,400	\$7,200	\$7,200		
	Columbia SWCD Project Management	30	hrs	\$50	\$1,500	\$1,500		
				Task Subtotal	\$ 49,500	\$ 49,500	0	
Task 3. Site Grading and Habitat Enhancement								
	Mobilization	1	lump	\$10,000	\$10,000	\$10,000		
	Site Grading (Excavation & Hauling)	25,000	c.y.	\$4.50	\$112,500	\$112,500		
	Log (Materials & Installation)	80	each	\$700	\$56,000	\$56,000		
	Rootwad (Materials & Installation)	80	each	\$1,000	\$80,000	\$80,000		
	Removal/Disposal of Tidegates	2	each	\$1,500.00	\$3,000	\$3,000		
	Site Cleanup	110	hrs	\$50	\$5,500	\$5,500		
	Travel: Mileage (32-miles one way)	640	mileage	\$0.555	\$355	\$355		
	Columbia SWCD Project Management	120	hrs	\$50	\$6,000	\$6,000		
				Task Subtotal	\$273,355	\$273,355	\$0	
Task 4. Planting & Maintenance								
	Trees and Shrubs	24,000	each	\$0.90	\$21,600	\$9,600	\$12,000	OWEB
	Emergent Native Seed	100	lbs	\$50	\$5,000	\$1,000	\$4,000	OWEB
	Live Stakes	15,000	each	\$1.00	\$15,000	\$5,000	\$10,000	OWEB
	Planting Installation	39,000	each	\$0.65	\$25,350	\$13,350	\$12,000	OWEB
	Herbivory Fencing Materials and Installation	12,000	per tree	\$3.50	\$42,000	\$27,000	\$15,000	OWEB
	Maintenance: Mowing, Fencing Repair, etc.	35	acre	\$500	\$17,500	\$0	\$17,500	OWEB
	Travel: Mileage (32-miles one way)	960	mileage	\$0.555	\$533	\$533	\$0	
	Columbia SWCD Project Management	200	hr	\$50	\$10,000	\$10,000		
				Task Subtotal	\$136,983	\$66,483	\$70,500	
Task 5. Permit Fees								
	DEQ 1200-C	1	lump	\$1,629	\$1,629	\$1,629		
	Floodplain Development Permit	1	lump	\$1,200	\$1,000	\$1,000		
				Task Subtotal	\$2,629	\$2,629		
Task 6. Effectiveness Monitoring								
	Columbia SWCD Data Collection	32	hr	\$ 50	\$ 1,600	\$ 1,600		
				Task Subtotal	\$1,600	\$1,600		
Task 7. Project Management, Reporting and Administration								
	Columbia SWCD Project Management	120	hr	\$ 50	\$ 6,000	\$ 6,000		
	LCRWC Project Management	40	hr	\$ 35	\$ 1,400	\$ -	\$1,400	LCRWC
	Fiscal Administration Columbia SWCD (Contracting, billing, & report preparation)	1	lump (10% of Request)	\$40,946.7	\$40,946.7	\$40,947		
	Printing, copying, and meeting supplies	1	lump	\$155	\$155	\$155		
				Task Subtotal	\$48,502	\$47,102	\$1,400	
TOTAL					\$529,519	\$456,569	\$72,950	
PERCENTAGE TOTAL					100%	86%	14%	

Source of Cost Estimates

The above cost estimate was generated based upon estimates from potential contractors, suppliers, and our experience from similar projects.

Engineering Services - Based upon a cost estimate from the designing firm

Columbia SWCD/LCRWC Staff - Based upon experience from completing similar projects including field work, logistical planning, and project management

Site Grading and Habitat Enhancement - Costs were based upon the project design using estimated cut and fill volumes, large wood pieces etc. Costs were based an engineer's estimate, discussions with potential contractors and based upon past experiences.

Erosion Control and Dewatering - Costs were based upon the Erosion and Sediment Control Plan required by DEQ. Costs were developed by discussing the project with potential contractors and based upon past experiences.

Riparian Planting - Costs were based upon estimated planting materials, size of the project area, and anticipated level of effort required. Costs were developed by discussing the project with potential contractors and based upon past experiences.

Permit Fees - Fees assessed for projects of this nature by regulatory agencies.