

Client: City of Port Richey
 Project: Cotee River Dredging
 Project Number: C2008-053-03

Prepared by: RJW
 Date: November 23, 2009
 Reviewed by: RJD

**Preliminary Opinion of Probable Cost for
 Engineering, Dredging, Offloading, DMMA Site Repair Costs**

#	Item	Quantity		Unit Cost		Total
1	Environmental Permitting ¹	1	LS	\$ 10,000	EA	\$ 10,000
2	Project Meetings and Coordination ²	1	LS	\$ 30,000	EA	\$ 30,000
3	Establish Special Assessment District & Ballot ³	1	LS	\$ 55,000	EA	\$ 55,000
4	Design Engineering Services ⁴	1	LS	\$ 35,000	EA	\$ 35,000
5	Construction Engineering Services ⁵	1	LS	\$ 74,000	EA	\$ 74,000
6	Mitigation ⁶	1	LS	\$ 45,000	EA	\$ 45,000
7	Pre-Dredging Survey	1	LS	\$ 40,000	EA	\$ 40,000
8	Mobilization/Demobilization	1	LS	\$ 240,000	EA	\$ 240,000
9	DMMA Erosion and Sedimentation Controls	1	LS	\$ 50,000	EA	\$ 50,000
10	Manatee Observer	1	LS	\$ 30,000	EA	\$ 30,000
11	Turbidity Monitoring and Control	1	LS	\$ 35,000	EA	\$ 35,000
12a	Hydraulic Dredging - Sand & Sediment	26,590	CY		per CY	\$ -
12b	Hydraulic Dredging - Rock	1,716	CY		per CY	\$ -
12c	Mechanical Dredging - Sand & Sediment	26,590	CY	\$ 27.50	per CY	\$ 731,214
12d	Mechanical Dredging - Rock	1,716	CY	\$ 42.50	per CY	\$ 72,941
13	Post-Dredging Survey	1	LS	\$ 40,000	EA	\$ 40,000
14a	Offloading and Final Disposal (Hydraulic Dredging)	28,306	CY		per CY	\$ -
14b	Offloading and Final Disposal (Mechanical Dredging)	28,306	CY	\$ 18.00	per CY	\$ 509,505
15	Information Signs and Channel Markers Instillation	1	LS	\$ 25,000	EA	\$ 25,000
16	Removing DMMA and Repairing Site	1	LS	\$ 50,000	EA	\$ 50,000

Subtotal Hydraulic Dredging	\$ -
Contingency (10%)	\$ -
Total Hydraulic Dredging	\$ -
Subtotal Mechanical Dredging	\$ 2,072,660
Contingency (10%)	\$ 207,266
Total Mechanical Dredging	\$ 2,279,926

LS = Lump Sum
 CY = Cubic Yards
 EA = Each

Note: The estimates presented above represent a best judgment from a professional dredging firm familiar with the type of construction contemplated in this design.

Footnotes:

- Item includes costs for obtaining USACE permit for Cotee River Channels
- Item includes costs for attending project meetings, maintaining a project website, and general project management
- Item includes costs for collecting data and preparing a ballot to establish a special assessment district
- Item includes costs for preparing final construction drawings and specifications
- Item includes costs for assisting the City with contractor selection, construction administration services, and project closeout and certification
- Item includes mitigation costs associated with FDEP ERP No. 51-0238686-002, specific conditions 30 - 45

Taylor Engineering
 10151 Deerwood Park Blvd
 Bldg 300, Suite 300
 Jacksonville, FL 32256
 Ph. 904-731-7040