

South Regional Lake Cost Estimate - Phase 1

Item	Description	Quantity	Unit	Unit Price	Cost
1	Mobilization	1	LS	\$ 30,000.00	\$ 30,000.00
2	Maintenance of Traffic	1	LS	\$ 5,000.00	\$ 5,000.00
3	Pollution Prevention	1	LS	\$ 10,000.00	\$ 10,000.00
4	Clearing & Grubbing	12	Ac	\$ 6,500.00	\$ 78,000.00
5	Excavation	79,000	CY	\$ 2.25	\$ 177,750.00
6	Haul out of City	59,000	CY	\$ 3.50	\$ 206,500.00
7	Haul on site	20,000	CY	\$ 1.50	\$ 30,000.00
8	Grading	9	Ac	\$ 1,200.00	\$ 10,800.00
9	Outfall - FDOT Type H	2	EA	\$ 12,500.00	\$ 25,000.00
10	Inlet - FDOT Type C	3	EA	\$ 2,000.00	\$ 6,000.00
11	60" Flashboard Riser	1	EA	\$ 20,000.00	\$ 20,000.00
12	60" HDPE	40	LF	\$ 390.00	\$ 15,600.00
13	48" HDPE	285	LF	\$ 169.00	\$ 48,165.00
14	15" HDPE	120	LF	\$ 60.00	\$ 7,200.00
15	Sod	10,000	SY	\$ 2.25	\$ 22,500.00
16	Seed	7	Ac	\$ 730.00	\$ 5,110.00
17	As Built	1	LS	\$ 8,000.00	\$ 8,000.00
18	Survey Staking	1	LS	\$ 10,000.00	\$ 10,000.00
19	Contingency	0	10%		\$ 71,562.50
20	Constructrion Cost				\$ 787,187.50

Land	\$ 240,000.00
Design	\$ 50,000.00
Biologist	\$ 10,000.00
Permitting	\$ 40,000.00
CEI	\$ 30,000.00
	\$ 370,000.00

TOTAL PROJECT COST \$ 1,157,187.50

Water Quality (TP or TN): \$85.87 cost per lb TN

\$ 290.52 cost per lb TP

653 Lbs/year TN removed/reduced annually

193 Lbs/year TP removed/reduced annually