

2016 Lot D Boat Launch and Parking Project

Work Area #1

Item No.	Est. Qty	Unit	Description of Items	Engineers Estimate		Elmer's		Molon	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	1	LSUM	TRAFFIC CONTROL	\$ 5,000.00	\$ 5,000.00	\$ 11,500.00	\$ 11,500.00	\$ 9,425.00	\$ 9,425.00
2	3200	SYD	HMA BASE CRUSHING AND SHAPING	\$ 2.54	\$ 8,128.00	\$ 2.61	\$ 8,352.00	\$ 3.12	\$ 9,984.00
3	1	LSUM	CONTRACTOR REQUIREMENTS CONSTRUCTION MANAGEMENT PLAN	\$ 5,000.00	\$ 5,000.00	\$ 1,600.00	\$ 1,600.00	\$ 1,500.00	\$ 1,500.00
4	200	TON	NON HAZARDOUS CONTAMINATED MATERIAL HANDLING & DISPOSAL	\$ 100.00	\$ 20,000.00	\$ 38.00	\$ 7,600.00	\$ 78.70	\$ 15,740.00
5	713	FT	CURB AND GUTTER, REM	\$ 9.75	\$ 6,951.75	\$ 2.75	\$ 1,960.75	\$ 3.50	\$ 2,495.50
6	3	EA	DR STRUCTURE, REM	\$ 300.00	\$ 900.00	\$ 290.00	\$ 870.00	\$ 345.00	\$ 1,035.00
7	52	FT	SEWER, REM, LESS THAN 24 INCH	\$ 12.00	\$ 624.00	\$ 9.50	\$ 494.00	\$ 14.00	\$ 728.00
8	27	EA	PARKING METER POST, FDN., REM.	\$ 50.00	\$ 1,350.00	\$ 23.50	\$ 634.50	\$ 59.00	\$ 1,593.00
9	3	EA	EROSION CONTROL, INLET PROTECTION, FABRIC DROP	\$ 100.00	\$ 300.00	\$ 81.00	\$ 243.00	\$ 115.00	\$ 345.00
10	788	FT	EROSION CONTROL, SILT FENCE	\$ 2.50	\$ 1,970.00	\$ 1.90	\$ 1,497.20	\$ 2.50	\$ 1,970.00
11	2	EA	TREE, REM, 6 INCH TO 18 INCH	\$ 200.00	\$ 400.00	\$ 380.00	\$ 760.00	\$ 200.00	\$ 400.00
12	115	FT	SEWER, SCH 40, 3 INCH	\$ 60.00	\$ 6,900.00	\$ 16.00	\$ 1,840.00	\$ 23.00	\$ 2,645.00
13	4	EA	BIOFILTER INLET AND TREE BOX	\$ 21,000.00	\$ 84,000.00	\$ 16,500.00	\$ 66,000.00	\$ 16,263.00	\$ 65,052.00
14	1	LSUM	SITE PREPARATION	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 13,050.00	\$ 13,050.00
15	12	FT	TREATED 4X4 RUB RAIL	\$ 5.00	\$ 60.00	\$ 19.00	\$ 228.00	\$ 20.00	\$ 240.00
16	42	FT	SEWER, CLE, 12 INCH, TR DET B	\$ 30.00	\$ 1,260.00	\$ 37.50	\$ 1,575.00	\$ 56.48	\$ 2,372.16
17	1	EA	DR. STRUCTURE, 24 INCH DIA.	\$ 1,800.00	\$ 1,800.00	\$ 900.00	\$ 900.00	\$ 896.00	\$ 896.00
18	3	EA	DR. STRUCTURE, 48 INCH DIA. W/ 24 INCH SUMP	\$ 2,700.00	\$ 8,100.00	\$ 1,375.00	\$ 4,125.00	\$ 1,426.00	\$ 4,278.00
19	3	EA	TRAVERSE CITY OUTLET COVER	\$ 500.00	\$ 1,500.00	\$ 530.00	\$ 1,590.00	\$ 518.00	\$ 1,554.00
20	3	EA	DR STRUCTURE COVER, TYPE K	\$ 700.00	\$ 2,100.00	\$ 706.00	\$ 2,118.00	\$ 894.00	\$ 2,682.00
21	1	EA	DR STRUCTURE COVER, TYPE B	\$ 500.00	\$ 500.00	\$ 600.00	\$ 600.00	\$ 710.00	\$ 710.00
22	1495	FT	CURB AND GUTTER, CONC, DET C4	\$ 22.00	\$ 32,890.00	\$ 17.70	\$ 26,461.50	\$ 19.25	\$ 28,778.75
23	13	SFT	SPILLWAY, CONC	\$ 6.00	\$ 78.00	\$ 12.00	\$ 156.00	\$ 36.38	\$ 472.94
24	2450	SFT	CONC., 6 INCH, NON-REINFORCED, SIDEWALKS/ADA RAMPS, DRIVEWAYS	\$ 4.50	\$ 11,025.00	\$ 5.75	\$ 14,087.50	\$ 5.74	\$ 14,063.00
25	233	TON	HMA, 13A, LEVELING (165#/SYD)	\$ 75.00	\$ 17,475.00	\$ 77.39	\$ 18,031.87	\$ 73.13	\$ 17,039.29
26	233	TON	HMA, 13A, TOP (165#/SYD)	\$ 75.00	\$ 17,475.00	\$ 77.39	\$ 18,031.87	\$ 73.13	\$ 17,039.29
27	1	LSUM	IRRIGATION SYSTEM	\$ 6,000.00	\$ 6,000.00	\$ 16,400.00	\$ 16,400.00	\$ 13,067.00	\$ 13,067.00
28	4	EA	SERVICEBERRY, 8' B&B	\$ 300.00	\$ 1,200.00	\$ 289.77	\$ 1,159.08	\$ 288.75	\$ 1,155.00
29	11	EA	COMMON HACKBERRY, 2 1/2" CAL B&B	\$ 300.00	\$ 3,300.00	\$ 389.87	\$ 4,288.57	\$ 388.50	\$ 4,273.50
30	35	EA	GREY DOGWOOD, 5 GAL POT	\$ 5.00	\$ 175.00	\$ 47.42	\$ 1,659.70	\$ 47.25	\$ 1,653.75
31	160	EA	ISANTI RED-OISER DOGWOOD, 5 GAL POT	\$ 5.00	\$ 800.00	\$ 46.36	\$ 7,417.60	\$ 46.20	\$ 7,392.00
32	52	EA	DWARF BUSH HONEYSUCKLE, 5 GAL POT	\$ 5.00	\$ 260.00	\$ 46.36	\$ 2,410.72	\$ 46.20	\$ 2,402.40
33	7	EA	GOLDENRAIN TREE, 2 1/2" CAL B&B	\$ 300.00	\$ 2,100.00	\$ 421.48	\$ 2,950.36	\$ 420.00	\$ 2,940.00
34	30	EA	SANDBAR WILLOW, 5 GAL POT	\$ 5.00	\$ 150.00	\$ 52.68	\$ 1,580.40	\$ 52.50	\$ 1,575.00
35	1610	SYD	SLOPE RESTORATION	\$ 10.00	\$ 16,100.00	\$ 7.00	\$ 11,270.00	\$ 6.98	\$ 11,237.80
36	1	LSUM	SITE CLEANUP/RESTORATION	\$ 5,000.00	\$ 5,000.00	\$ 4,500.00	\$ 4,500.00	\$ 1,600.00	\$ 1,600.00
37	964	FT	PAVT MRKG, REGULAR DRY, 4 INCH, WHITE	\$ 1.00	\$ 964.00	\$ 0.37	\$ 356.68	\$ 0.50	\$ 482.00
38	158	FT	PAVT MRKG, REGULAR DRY, BLUE	\$ 1.00	\$ 158.00	\$ 0.37	\$ 58.46	\$ 0.50	\$ 79.00
39	2	EA	PAVT MRKG, REGULAR DRY, ACCESSIBLE SYM	\$ 100.00	\$ 200.00	\$ 31.61	\$ 63.22	\$ 50.00	\$ 100.00
40	29	EA	STALL ID SIGN	\$ 51.00	\$ 1,479.00	\$ 105.00	\$ 3,045.00	\$ 125.00	\$ 3,625.00
41	32	SFT	SIGN, TYPE IIIB	\$ 19.00	\$ 608.00	\$ 31.08	\$ 994.56	\$ 32.50	\$ 1,040.00
41-A	154	FT	POST,STEEL, 3 LB (14 FT LENGTH)	\$ 10.00	\$ 1,540.00	\$ 7.90	\$ 1,216.60	\$ 26.75	\$ 4,119.50

Total Bid for Work Area # 1
(Items 1 through 41-A, inclusive)

\$ 283,320.75

\$ 258,127.14

\$ 272,829.88

2016 Lot D Boat Launch and Parking Project

	Engineers Estimate	Elmer's	Molon
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Work Area #2

Item No.	Est. Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
42	1	LSUM	MOBILIZATION	\$ 25,000.00	\$ 25,000.00	\$ 27,000.00	\$ 27,000.00	\$ 14,333.00	\$ 14,333.00
43	94	SYD	CONC RAMP, REM, SPECIAL	\$ 12.00	\$ 1,128.00	\$ 15.00	\$ 1,410.00	\$ 20.10	\$ 1,889.40
44	1	LSUM	BOARDWALK DECKING, REM PORTIONS, SPECIAL	\$ 800.00	\$ 800.00	\$ 2,900.00	\$ 2,900.00	\$ 740.00	\$ 740.00
45	1	LSUM	MASONRY AND CONC STRUCTURE, REM, SPECIAL	\$ 3,000.00	\$ 3,000.00	\$ 1,034.54	\$ 1,034.54	\$ 1,600.00	\$ 1,600.00
46	446	CYD	EXCAVATION, CHANNEL	\$ 30.00	\$ 13,380.00	\$ 33.00	\$ 14,718.00	\$ 39.00	\$ 17,394.00
47	221	FT	EROSION CONTROL, TURBIDITY CURTAIN, DEEP	\$ 15.00	\$ 3,315.00	\$ 12.00	\$ 2,652.00	\$ 15.00	\$ 3,315.00
48	1	LSUM	SEGMENTAL CONCRETE BOAT RAMP ON 12"STONE BED & RIP RAP HEADER	\$ 39,500.00	\$ 39,500.00	\$ 27,513.39	\$ 27,513.39	\$ 18,950.00	\$ 18,950.00
49	1	LSUM	COFFERDAM	\$ 35,000.00	\$ 35,000.00	\$ 5,000.00	\$ 5,000.00	\$ 34,150.00	\$ 34,150.00
50	1	LSUM	DEWATERING	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 8,440.00	\$ 8,440.00
51	1	LSUM	FLOATING DOCK AND KAYAK LAUNCH	\$ 30,000.00	\$ 30,000.00	\$ 30,500.00	\$ 30,500.00	\$ 35,891.00	\$ 35,891.00
52	47	FT	STEEL SHEET PILING CAP	\$ 50.00	\$ 2,350.00	\$ 54.00	\$ 2,538.00	\$ 50.00	\$ 2,350.00
53	752	SFT	STEEL SHEET PILING, PERMANENT (MIN. 16 FT LONG)	\$ 25.00	\$ 18,800.00	\$ 24.00	\$ 18,048.00	\$ 23.00	\$ 17,296.00
54	3	EA	REMOVE/REPLACE TIMBER PILE	\$ 1,000.00	\$ 3,000.00	\$ 800.00	\$ 2,400.00	\$ 1,000.00	\$ 3,000.00
55	1	EA	40' SKID PIER	\$ 10,000.00	\$ 10,000.00	\$ 19,000.00	\$ 19,000.00	\$ 15,988.00	\$ 15,988.00
56	1	LSUM	WOOD BOARDWALK CONNECTION	\$ 4,000.00	\$ 4,000.00	\$ 3,300.00	\$ 3,300.00	\$ 2,050.00	\$ 2,050.00
57	1	LSUM	EDUCATION SIGN REGARDING BOAT WASH	\$ 2,000.00	\$ 2,000.00	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00

Total Bid for Work Area # 2
 (Items 42 through 57, inclusive) \$ 199,273.00 \$ 163,413.93 \$ 177,886.40

Work Area # 3

Item No.	Est. Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
58	1	LSUM	WOOD BOARDWALK RAMP REM	\$ 2,500.00	\$ 2,500.00	\$ 5,500.00	\$ 5,500.00	\$ 5,000.00	\$ 5,000.00
59	1	LSUM	WOOD BOARDWALK RAMP FURNISH & CONSTRUCT	\$ 17,500.00	\$ 17,500.00	\$ 36,000.00	\$ 36,000.00	\$ 39,050.00	\$ 39,050.00

Total Bid for Work Area # 3
 (Items 58 through 59, inclusive) \$ 20,000.00 \$ 41,500.00 \$ 44,050.00

Alternate Bid Pricing

Item No.	Est. Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
48A	1	LSUM	CAST IN PLACE BOAT RAMP & RIP RAP HEADER	\$ 50,500.00	\$ 50,500.00	\$ 27,216.71	\$ 27,216.71	\$ 20,800.00	\$ 20,800.00

Total Bid for Project (Items 1 through 59, inclusive) \$ 502,593.75 \$ 463,041.07 \$ 494,766.28

Total Bid for Project (Items 1 through 59, inclusive and CIP Ramp) \$ 513,593.75 \$ 462,744.39 \$ 496,616.28