

## Engineers Estimate of Probable Cost

Owner:

Grand Haven Charter Township

Project Title:

Pottawattomie Park CZM Grant Improvements

Date:

November 17, 2020

Project #:

2200479

*Item*

No.	Items for Bidding	Quantity	Unit	Unit Price	Total Amount
1	Mobilization 5% Max	1	LS	\$12,500.00	\$12,500.00
2	Silt Fence	425	LF	\$2.50	\$1,062.50
3	Removal of Wood Wall	50	LF	\$10.00	\$500.00
4	Removal of Concrete Sidewalk	221	SYD	\$8.00	\$1,768.00
5	Removal of Wood Boardwalk (no pilings)	203	SYD	\$8.00	\$1,624.00
6	Removal of Pilings	6	Each	\$500.00	\$3,000.00
7	New 8' Wide Concrete Sidewalk with Thickened Edge	368	SFT	\$12.00	\$4,416.00
8	New 8' - 4" Concrete Sidewalk	2583	SFT	\$8.00	\$20,664.00
9	6' Clr. Pile Supported Boardwalk with Railing	563	SFT	\$80.00	\$45,040.00
10	Kayak Launch & 30' Gangway (Ez Dock)	1	LS	\$86,000.00	\$86,000.00
11	New Pilings for Floating Dock (6 @ 30' each)	270	LF	\$40.00	\$10,800.00
12	Shoreline Stabilization Prep and Wetland Restoration	211	SYD	\$200.00	\$42,200.00
13	Segmental Retaining Wall	240	Face Ft.	\$60.00	\$14,400.00
14	12" Beach Sand over Fabric	197	SYD	\$18.00	\$3,546.00
15	Boulder Separator Walls	90	LF	\$60.00	\$5,400.00
16	Parking Lot Striping and Barrier Free Sign	1	LS	\$500.00	\$500.00
17	Restoration Seeding	100	SYD	\$5.00	\$500.00
<b>Base Bid Subtotal:</b>					<b>\$253,920.50</b>
18	Alternate #1 - 6' Clr. Pile Supported Boardwalk with Railing	806	SFT	\$80.00	\$64,480.00
19	Alternate #2- Composite Decking	806	SFT	\$25.00	\$20,150.00

Engineering: \$23,000.00

Subtotal: \$361,550.50

10% Engineering & Construction Contingency \$36,155.05

**Bid Project Total \$397,705.55**

*Item*

No.	Items by Owner	Quantity	Unit	Unit Price	Total Amount
1	Remove Trees (6-12")	18	Each	\$250.00	\$7,500.00
2	Floating Fishing Dock Restoration	922	SFT	\$30.00	\$27,660.00
3	Bike Rack Removal and Re-Installation	1	LS	\$0.00	\$0.00
4	Interpretive Signage Purchase & Installation	3	Each	\$1,500.00	\$4,500.00
5	Bench Purchase & Installation	4	LS	\$1,500.00	\$6,000.00
<b>Owner Items Subtotal:</b>					<b>\$45,660.00</b>

**Grand Total \$443,365.55**

\* Estimates are not a guarantee of actual costs