



Client: Flagler County
 Project: Painter's Hill Seawall
 Project No: C2016-079

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 Date: 3/6/2017
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Engineer's Preliminary Estimate of Probable Cost Worksheet

PAINTER'S HILL SEAWALL					
ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT COST	TOTAL COST
LUMP SUM					
001	Insurance	LS	1	\$ 12,000.00	\$ 12,000.00
002	Mobilization and Demobilization	LS	1	\$ 76,000.00	\$ 76,000.00
003	Environmental Protection and Erosion Control	LS	1	\$ 46,000.00	\$ 46,000.00
004	Construction, Payment, and As-Built Surveys	LS	1	\$ 46,000.00	\$ 46,000.00
005	Backfill	LS	1	\$ 104,950.00	\$ 104,950.00
006	Vinyl Sheetpile	LS	1	\$ 499,200.00	\$ 499,200.00
007	Helical Anchors	LS	1	\$ 386,000.00	\$ 386,000.00
008	Concrete Cap	LS	1	\$ 231,100.00	\$ 231,100.00
009	Return Wall - Vinyl Sheetpile	LS	1	\$ 197,600.00	\$ 197,600.00
010	Return Wall - Concrete Cap	LS	1	\$ 91,500.00	\$ 91,500.00
011	Earthwork for Access Ramp	LS	1	\$ 10,000.00	\$ 10,000.00
LUMP SUM TOTAL					\$ 1,700,350.00
Construction Cost (Items 5-10)					\$ 1,520,350.00
-30%					\$ 1,190,000.00
GRAND TOTAL					\$ 1,700,350.00
30%					\$ 2,210,000.00

Construction Cost Per Linear Foot					
001	Seawall	LF	1	\$ 1,081.90	\$ 1,081.90
002	Return Wall	LF	1	\$ 688.55	\$ 688.55

*Items 1-4 were distributed between seawall and return wall based on ratio of respective lengths

NOTES:

- 1 This cost opinion is based on survey and understanding of the work and is subject to change.
- 2 The estimated materials and unit costs represent Taylor Engineering, Inc. best judgment as a professional design firm familiar with the type of construction proposed. Taylor Engineering, Inc. has no control over the availability or cost of labor, equipment or materials, market conditions, or the Contractor's methods of pricing. Accordingly, Taylor Engineering, Inc. makes no warranty, express or implied, that the actual bids or negotiated prices will not vary from this Preliminary Opinion of Probable Cost.
- 3 All quantities estimated as in-place quantities.
- 4 Construction Cost may change due to fluctuations in the prices of steel, concrete, and petroleum.
- 5 This project does not anticipate encountering hazardous material.