

PROBABLE OPINION OF CONSTRUCTION COST			DATE PREPARED	
			10-May-24	
CLIENT AND LOCATION			ESTIMATED BY	
City of Clearwater			Moffatt & Nichol	
Clearwater, FL			MN JOB NUMBER	
PROJECT TITLE			230886-01	
Harbor Marina Wave Attenuator Replacement			STATUS OF DESIGN	
			60% Design Submittal	
ITEM DESCRIPTION	QUANTITY		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL
1 General Conditions				\$ 362,774.06
Mobilization/demobilization, insurance, etc	1 of subtotal		\$ 181,386.53	\$ 181,386.53
General Conditions	1		\$ 181,387.53	\$ 181,387.53
2 Marina Structures				\$ 713,598.84
Demolition of Wave Attenuator & utilities	1	LS	\$ 55,482.23	\$ 55,482.23
Fabricate and Install 24" square piles	2	EA	\$ 14,733.00	\$ 29,466.00
Furnish and Install 24" pile guides	2	EA	\$ 12,544.00	\$ 25,088.00
Furnish and Install Wave Attenuator	3	EA	\$ 183,808.87	\$ 551,426.61
Furnish and Install SS Cable	1,400	LF	\$ 37.24	\$ 52,136.00
3 Marina Utilities				\$ 338,625.63
Fire Line	150	LF	\$ 622.02	\$ 93,303.00
Potable Water Line	120	LF	\$ 629.72	\$ 75,566.40
Sewage	100	LF	\$ 622.74	\$ 62,274.00
Electrical	1	LS	\$ 107,482.23	\$ 107,482.23
SUBTOTAL				\$ 1,414,999
Engineer's Contingency	30%			\$ 424,500
TOTAL				\$ 1,839,498
AACE Class 4 Estimate Accuracy Range				
High (+30%)				\$ 2,391,348
Low (-20%)				\$ 1,471,598

NOTES:

- Quantities are based on 60% Design Drawings; dated May 2024.
- This Cost Estimate is an opinion of construction costs made by the Consultant. In providing opinions on construction costs, it is recognized that neither the Client nor the Consultant controls the cost of labor, equipment, materials, or the Contractors' method of determining prices and bids. The estimate does not constitute a warranty, expressed or implied, that the Contractors' bids or negotiated prices of work will correspond with the Owner's budget, or opinion of the construction cost prepared by the Consultant.
- Estimate assumes that all boats docked in the facility will be relocated during construction.
- Costs assume a 30% contingency based on the level of design.
- Costs assume a work schedule of 5 days per week, 8 hours per day.
- Assumes no time of year restrictions environmental or other potential ecological shutdowns.
- Costs assume there is no adequate space for contractor lay-down and staging areas, and material staging will be on Contractors Barges, due to scale of project.
- No Escalation is included.
- Pricing for Wave Attenuator was provided from SF Marine USA Dated 4/17/2024.
- This Estimate contains no dredging.
- No costs have been included for locating, protecting, or moving an underground utilities.
- No costs have been included for any geotechnical exploration.
- No costs have been included for construction management, full design, permitting, monitoring, environmental studies, land acquisition or right of way easement, escalation or other owner-related overheads.
- Costs assume a single mobilization and demobilization for each scope of work.
- Assumes mobilization and demobilization of contractors' equipment from within a 250-mile radius.
- Sales Tax is figured at 7%.
- Diesel Fuel Price is figured at \$3.813 per gallon.