

Preliminary Engineering Estimate of Probable Construction Cost

Admiral's Cove Beach Club Shoreline Protection

Project: Admiral's Cove MSA
 Proj #: 22-023
 Client: MSA

Date Modified: 7/14/2022
 Cost Estimate By: ADT
 Checked By: WC
 Checked Date: 7/15/2022

| BASE BID FROM | | | | | | |
|---|--|-------------|----------|----------|-----------|------------------|
| Bid Item | Item Description | Cubic Yards | Bid Unit | Quantity | Unit Cost | Total Price |
| GENERAL REQUIREMENTS | | | | | | \$10,674 |
| | Mobilization | - | % | 1 | 10% | \$7,174 |
| | Construction Survey/Staking | - | LS | 1 | \$3,500 | \$3,500 |
| EARTHWORK | | | | | | \$15,600 |
| | Clearing and Grubbing, Stockpile Logs from Work Area | - | LS | 1 | \$3,000 | \$3,000 |
| | Final Cleanup, Replace Stockpiled Logs on Beach | - | LS | 1 | \$5,000 | \$5,000 |
| | Excavation for Wall and Stockpile for Reuse | 92 | CY | 92 | \$25 | \$2,300 |
| | Gravel Berm Placement (Gravel and Excavated Sediment) | 265 | CY | 265 | \$20 | \$5,300 |
| MISCELLANEOUS CONSTRUCTION LABOR | | | | | | \$24,840 |
| | Wall Construction (Ecoblock Wall w/Toe Rock, Barrier) | 1 | LS | 1 | \$20,000 | \$20,000 |
| | Planting Foreshore | - | SF | 3460 | \$1 | \$3,460 |
| | Planting Backshore | - | SF | 1380 | \$1 | \$1,380 |
| MATERIAL COST (Delivered to Site Unless Noted) | | | | | | \$31,304 |
| | Quarry Spalls | 42 | TN | 63 | \$70 | \$4,410 |
| | Ecology Blocks (Stanwood Conc Mix) | - | EA | 78 | \$85 | \$6,630 |
| | Geotextile | - | SY | 200 | \$4 | \$800 |
| | Wall Toe Rock | 24 | TN | 36 | \$84 | \$3,024 |
| | Gravel Import (2-4" Streambed Cobble per WDOT) | 265 | TN | 371 | \$40 | \$14,840 |
| | Foreshore Plants (1775 Dungrass 1.5ft oc) | - | LS | 1 | \$1,600 | \$1,600 |
| | Backshore Plants (665 Dungrass 1.5ft oc, 45 Shrubs 6ft oc) | - | LS | 1 | \$1,200 | \$1,200 |
| Construction Subtotal | | | | | | \$82,418 |
| Tax (8.8%) | | | | | | \$6,429 |
| Bonding (4%) | | | | | | \$3,297 |
| Base Bid Total | | | | | | \$92,144 |
| Contingency at 20% | | | | | | \$18,429 |
| Total with Contingency | | | | | | \$110,573 |