



SKAGWAY HARBOR IMPROVEMENTS - PH II

Preliminary Budget - July 9, 2013

PND Engineers, Inc.

Project No. 132047.01



| Item | Item Description | Units | Quantity | Unit Cost | Amount | Item Total |
|---|---|-------|-----------|-----------|--------------|--------------|
| General Contract Requirements | | | | | | |
| 1 | Mobilization/Demobilization | LS | All Req'd | 10% | \$1,208,100 | |
| 2 | Erosion & Pollution Control | LS | All Req'd | \$25,000 | \$25,000 | |
| 3 | Construction Survey Measurement | LS | All Req'd | \$80,000 | \$80,000 | \$1,313,100 |
| West Sheet Pile Bulkhead & Harbor Dredging | | | | | | |
| 4 | Dredging and Disposal | CY | 125,000 | \$20 | \$2,500,000 | |
| 5 | Armor Rock Slope Protection | CY | 5,000 | \$60 | \$300,000 | |
| 6 | 525 LF Sheet Pile Bulkhead | TON | 1,000 | \$3,500 | \$3,500,000 | |
| 7 | Anodes | EA | 60 | \$1,500 | \$90,000 | |
| 8 | Resurfacing at AMHS Staging Area | SY | 4,000 | \$40 | \$160,000 | \$6,550,000 |
| Moorage Floats A-F | | | | | | |
| 9 | Relocate 12' x 190' End Float A | LS | All Req'd | \$40,000 | \$40,000 | |
| 10 | Relocate 10' x 82' Tee Float B | LS | All Req'd | \$40,000 | \$40,000 | |
| 11 | Relocate 10' x 36' End Float C | LS | All Req'd | \$20,000 | \$20,000 | |
| 12 | Mainwalk Float A Extension, 18' x 53' | SF | 954 | \$80 | \$76,320 | |
| 13 | Mainwalk Float B Extension, 10' x 45' | SF | 450 | \$80 | \$36,000 | |
| 14 | Mainwalk Float C Extension, 10' x 68' | SF | 680 | \$80 | \$54,400 | |
| 15 | Headwalk Float Extension 12 'x 150' | SF | 1,800 | \$80 | \$144,000 | |
| 16 | Mainwalk F, 10' x 170' | SF | 1,700 | \$80 | \$136,000 | |
| 17 | 4' x 24' Stall Float | EA | 6 | \$11,500 | \$69,000 | |
| 18 | 4' x 30' Stall Float | EA | 11 | \$14,500 | \$159,500 | |
| 19 | 4' x 36' Stall Float | EA | 5 | \$17,250 | \$86,250 | |
| 20 | 5' x 42' Stall Float | EA | 2 | \$25,000 | \$50,000 | |
| 21 | Steel Pipe Pile | EA | 21 | \$9,500 | \$199,500 | |
| 22 | Pile Anodes | EA | 42 | \$750 | \$31,500 | |
| 23 | Floatation Billets | EA | 25 | \$500 | \$12,500 | |
| 24 | Life Rings, Fire Cabinets & Safety Ladders | LS | All Req'd | \$15,000 | \$15,000 | |
| 25 | Water System | LS | All Req'd | \$100,000 | \$100,000 | |
| 26 | Dry Fire Line System | LS | All Req'd | \$60,000 | \$60,000 | |
| 27 | Power & Lighting on Floats | LS | All Req'd | \$300,000 | \$300,000 | \$1,629,970 |
| Drive Down Float, Work & Fuel Float | | | | | | |
| 28 | H 10 Transfer Bridge | LS | All Req'd | \$550,000 | \$550,000 | |
| 29 | Bridge Support Float | LS | All Req'd | \$175,000 | \$175,000 | |
| 30 | Bridge Abutment & Support Piles | LS | All Req'd | \$100,000 | \$100,000 | |
| 31 | Drive Down Float, 64' x 80' | SF | 5,120 | \$300 | \$1,536,000 | |
| 32 | DDF Float Mooring Piles | EA | 10 | \$20,000 | \$200,000 | |
| 33 | DDF Float Mooring Pile Frames | LS | All Req'd | \$100,000 | \$100,000 | |
| 34 | DDF Float Transition Apron | LS | All Req'd | \$60,000 | \$60,000 | |
| 35 | Hydraulic Crane & Structural Base | EA | 1 | \$75,000 | \$75,000 | |
| 36 | Fuel/Work Float, 16' x 275' | SF | 4,400 | \$120 | \$528,000 | |
| 37 | Work Float Steel Pipe Piles | EA | 10 | \$10,000 | \$100,000 | |
| 38 | Pile Anodes | EA | 40 | \$1,000 | \$40,000 | |
| 39 | Floatation Billets | EA | 25 | \$500 | \$12,500 | |
| 40 | Life Rings, Fire Cabinets & Safety Ladders | LS | All Req'd | \$5,000 | \$5,000 | |
| 41 | Water System | LS | All Req'd | \$50,000 | \$50,000 | |
| 42 | Dry Fire Line System | LS | All Req'd | \$40,000 | \$40,000 | |
| 43 | Power & Lighting on Floats | LS | All Req'd | \$250,000 | \$250,000 | \$3,821,500 |
| Boat Launch Ramp - Second Lane | | | | | | |
| 44 | Earthwork - Site Preparation | LS | All Req'd | \$40,000 | \$40,000 | |
| 45 | Concrete Apron | LS | All Req'd | \$25,000 | \$25,000 | |
| 45 | Precast Concrete Ramp Planks | LS | All Req'd | \$250,000 | \$250,000 | |
| 46 | Refurbish Boarding Float for Internal Piles | LS | All Req'd | \$50,000 | \$50,000 | |
| 47 | Pile Mounted Lighting | LS | All Req'd | \$60,000 | \$60,000 | \$425,000 |
| Seawalk - Broadway to Wave Barrier | | | | | | |
| 48 | Earthwork - Site Preparation | LS | All Req'd | \$100,000 | \$100,000 | |
| 49 | 8' x 850' Concrete Seawalk | SY | 760 | \$175 | \$133,000 | |
| 50 | Safety Railings | LF | 700 | \$200 | \$140,000 | |
| 51 | Landscaping, Benches, Shelters, Kiosks, Signage | LS | All Req'd | \$300,000 | \$300,000 | |
| 52 | Lighting | LS | All Req'd | \$150,000 | \$150,000 | \$823,000 |
| ESTIMATED CONSTRUCTION BID PRICE | | | | | \$14,562,570 | \$14,562,570 |
| CONTINGENCY (10%) | | | | | \$1,456,257 | \$1,456,257 |
| SURVEY & GEOTECHNICAL INVESTIGATION | | | | | \$100,000 | \$100,000 |
| PERMITS & EASEMENTS | | | | | \$50,000 | \$50,000 |
| FINAL ENGINEERING DESIGN & BID READY CONTRACT DOCUMENTS | | | | | \$1,019,380 | \$1,019,380 |
| CONTRACT ADMIN.& CONSTRUCTION INSPECTION | | | | | \$1,019,380 | \$1,019,380 |
| TOTAL ESTIMATED PROJECT BUDGET | | | | | \$18,207,587 | \$18,207,587 |