

HAINES BOROUGH PORTAGE COVE HARBOR EXPANSION BID SUMMARY Bid Opening: October 25, 2016

| BASE BI | | Linite | Ouentitu | Engineer's | | Pacific Pile 8 | | | Marine |
|-------------------|--|-----------------------|----------------------|--------------------------|--------------------------------------|-----------------------------|------------------------------|--------------------------|------------------------------|
| 1505.1 | Item Description Mobilization | Units LS | Quantity All Reqd | Unit Cost \$1,298,635 | Amount \$1,298,635 | Unit Cost \$1,256,000 | Amount \$1,256,000 | Unit Cost \$1,645,000 | Amount \$1,645,000 |
| 1570.1 | Erosion and Sediment Control | LS | All Reqd | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 |
| 1570.2 | Silt Containment Boom | LS | All Reqd | \$30,000 | \$30,000 | \$65,000 | \$65,000 | \$50,000 | \$50,000 |
| 2060.1 | Demolition, Salvage and Disposal | LS | All Reqd | \$25,000 | \$25,000 | \$76,000 | \$76,000 | \$115,000 | \$115,000 |
| 2060.2 | Seaplane Float Removal and Reinstallation | LS | All Reqd | \$5,000 | \$5,000 | \$4,000 | \$4,000 | \$15,000 | \$15,000 |
| 2060.3 | Remove, Salvage and Reinstall Transient Float Light Fixtures | LS | All Reqd | \$15,000 | \$15,000 | \$3,000 | \$3,000 | \$5,000 | \$5,000 |
| 2201.1 2202.1 | Clearing and Grubbing Class A Shot Rock Borrow | LS CY | All Reqd 8,690 | \$10,000 \$35 | \$10,000 \$304,150 | \$74,000 \$35 | \$74,000 \$304,150 | \$40,000 \$30 | \$40,000 \$260,700 |
| 2202.2 | Class B Shot Rock Borrow | CY | 8,390 | \$28 | \$234,920 | \$32 | \$268,480 | \$30 | \$251,700 |
| 2204.1 | Base Course, Grading C-1 | CY | 440 | \$50 | \$22,000 | \$83 | \$36,520 | \$80 | \$35,200 |
| 2205.1 | Class II Armor Rock | CY | 3,210 | \$70 | \$224,700 | \$92 | \$295,320 | \$95 | \$304,950 |
| 2205.2 | Class III Armor Rock | CY | 2,210 | \$70 | \$154,700 | \$83 | \$183,430 | \$95 | \$209,950 |
| 2205.3 | Class IV Armor Rock | CY | 1,540 | \$75 | \$115,500 | \$93 | \$143,220 | \$95 | \$146,300 |
| 2207.1 2207.2 | Remove and Restore Rock on Rubble Mound Breakwater Breakwater Armor Rock, Type I | LS CY | All Reqd 700 | \$200,000 \$140 | \$200,000 \$98,000 | \$75,000 \$220 | \$75,000 \$154,000 | \$100,000 \$300 | \$100,000 \$210,000 |
| 2207.2 | Breakwater Underlayer Rock, Type II | CY | 350 | \$140 \$140 | \$49,000 | \$125 | \$43,750 | \$300 \$200 | \$70,000 |
| 2207.4 | Remove Existing Navigation Aid Structure | LS | All Reqd | \$5,000 | \$5,000 | \$7,000 | \$7,000 | \$5,000 | \$5,000 |
| 2401.1 | Furnish and Install 16-Inch Dia. HDPE Wastewater Outfall Pipe Sta. 1+50 to 7+75 | LF | 625 | \$135 | \$84,375 | \$185 | \$115,625 | \$200 | \$125,000 |
| 2401.2 | Furnish and Install 16-Inch Dia. HDPE Wastewater Outfall Pipe Sta. 7+75 to Diffuser | LF | 1,800 | \$370 | \$666,000 | \$325 | \$585,000 | \$350 | \$630,000 |
| 2401.3 | Furnish and Install Wastewater Outfall Diffuser | LS | All Reqd | \$20,000 | \$20,000 | \$40,000 | \$40,000 | \$25,000 | \$25,000 |
| 2401.4 2401.5 | Connect to Existing 16-Inch Dia. HDPE Outfall Pipe Furnish and Install Wastewater Outfall Concrete Anchor, Type I | LS EA | All Reqd 170 | \$10,000 \$200 | \$10,000 \$34,000 | \$10,000 \$425 | \$10,000 \$72,250 | \$10,000 \$850 | \$10,000 \$144,500 |
| 2401.5 2401.6 | Furnish and Install Wastewater Outfall Concrete Anchor, Type I | EA | 20 | \$200 \$225 | \$ 34,000 \$ 4,5 00 | \$ 4 25 \$815 | \$16,300 | \$850 \$850 | \$17,000 |
| 2401.7 | Wastewater Outfall Dive Surveys and Videos | LS | All Reqd | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$50,000 | \$50,000 |
| 2501.1 | 12-Inch CPP Storm Drain Pipe | LF | 170 | \$60 | \$10,200 | \$120 | \$20,400 | \$150 | \$25,500 |
| 2501.2 | 24-Inch CPP Storm Drain Pipe | LF | 240 | \$100 | \$24,000 | \$140 | \$33,600 | \$150 | \$36,000 |
| 2501.3 | 36-Inch CPP Storm Drain Pipe | LF | 450 | \$120 | \$54,000 | \$180 | \$81,000 | \$200 | \$90,000 |
| 2501.4 | Clean Existing Storm Drain Pipe to Upstream Manhole | LS | All Reqd | \$5,000 \$1,000 | \$5,000 \$4,000 | \$15,000 | \$15,000 \$24,000 | \$10,000 | \$10,000 \$20,000 |
| 2501.5 2502.1 | Connect to Existing Storm Drain Pipe Storm Drain Manhole, Type I | EA EA | 4 3 | \$1,000 \$10,000 | \$4,000 \$30,000 | \$6,000 \$15,000 | \$24,000 \$45,000 | \$5,000 \$15,000 | \$20,000 \$45,000 |
| 2502.1 2502.2 | Storm Drain Manhole, Type I Storm Drain Manhole, Type II | EA | 3 1 | \$10,000 \$5,000 | \$30,000 \$5,000 | \$15,000 \$12,000 | \$45,000 \$12,000 | \$15,000 \$10,000 | \$45,000 \$10,000 |
| 2502.2 | Storm Drain Oil-Water Separator | EA | 1 | \$35,000 | \$35,000 | \$40,000 | \$40,000 | \$45,000 | \$45,000 |
| 2502.4 | Storm Drain Outfall Structure | LS | All Reqd | \$40,000 | \$40,000 | \$55,000 | \$55,000 | \$50,000 | \$50,000 |
| 2702.1 | Construction Surveying | LS | All Reqd | \$200,000 | \$200,000 | \$325,000 | \$325,000 | \$250,000 | \$250,000 |
| 2702.2 | Reset Survey Monument | EA | 1 | \$5,000 | \$5,000 | \$7,500 | \$7,500 | \$5,000 | \$5,000 |
| 2714.1 | Geotextile Fabric | SY | 13,240 | \$5 | \$66,200 | \$4.50 | \$59,580 | \$5 | \$66,200 |
| 2881.1 | Dredging and Disposal | CY | 83,500 | \$28 \$2,500 | \$2,338,000 | \$16 | \$1,336,000 | \$12 \$750 | \$1,002,000 |
| 2881.2 2896.1 | Marine Mammal Work Suspension - Dredging Activity Furnish and Install Mooring Pile, 16 Inch Dia. X 0.500 Inch Thick | HR EA | 20 8 | \$2,500 \$10,000 | \$50,000 \$80,000 | \$1,000 \$7,000 | \$20,000 \$56,000 | \$750 \$9,500 | \$15,000 \$76,000 |
| 2896.1 | Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick | EA | 0 113 | \$10,000 \$30,000 | \$3,390,000 | \$7,000 \$25,000 | \$36,000 | \$9,500 \$27,000 | \$76,000 |
| 2896.3 | Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick | LF | 6,840 | \$260 | \$1,778,400 | \$182 | \$1,244,880 | \$170 | \$1,162,800 |
| 2896.4 | Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick | EA | 38 | \$22,500 | \$855,000 | \$17,500 | \$665,000 | \$22,000 | \$836,000 |
| 2896.5 | Install Transient Float Pile, 12.75 Inch Dia. X 0.500 Inch Thick | EA | 9 | \$4,000 | \$36,000 | \$2,400 | \$21,600 | \$3,500 | \$31,500 |
| 2896.6 | Contingent Work - Deep Obstruction Removal | CS | As Reqd | \$500,000 | \$500,000 | \$500,000 | \$500,000 | \$500,000 | \$500,000 |
| 2896.7 | SPIN FIN™ Pile Tip | EA | 36 | \$5,000 | \$180,000 | \$4,200 | \$151,200 | \$4,000 | \$144,000 |
| 2896.8 | PDA Testing Assistance | HR | 20 | \$3,000 | \$60,000 | \$665 | \$13,300 | \$1,000 | \$20,000 |
| 2896.9 2896.10 | Field Splice Owner Furnished Transient Float Pile, 12.75 Inch Dia. Furnish and Install Open Cutting Shoe, 12.75 Inch Dia. Pile | EA EA | 9 1 | \$1,500 \$1,500 | \$13,500 \$1,500 | \$785 \$385 | \$7,065 \$385 | \$1,000 \$1,000 | \$9,000 \$1,000 |
| 2896.10 | Field Splice, 24 Inch or 30 Inch Dia. Pile | EA | 6 | \$1,500 | \$1,500 | \$385 \$2,700 | \$385 \$16,200 | \$1,000 \$5,500 | \$1,000 |
| 2896.12 | Marine Mammal Work Suspension - Pile Activity | HR | 20 | \$3,000 | \$60,000 | \$750 | \$15,000 | \$1,000 | \$20,000 |
| 5120.1 | Furnish and Install Wave Barrier Waler | LF | 604 | \$550 | \$332,200 | \$486 | \$293,544 | \$1,000 | \$604,000 |
| 5120.2 | Furnish and Install Wave Barrier Bearing Cap and Connection | EA | 19 | \$22,500 | \$427,500 | \$15,000 | \$285,000 | \$22,000 | \$418,000 |
| 5120.3 | Wave Barrier Amenities - Fenders, Ladders, Navigation Aid Mount & Owner-Furnished Tower | LS | All Reqd | \$38,000 | \$38,000 | \$22,000 | \$22,000 | \$80,000 | \$80,000 |
| | TOTAL BASE BID PRICE | | | | \$14,284,980 | | \$12,053,299 | | \$13,136,300 |
| | E ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN | T T 1 . | 0 | H h C | | U.S.C. | • | II I C | • |
| Item | Item Description | Units | Quantity | Unit Cost | Amount | Unit Cost | Amount | Unit Cost | Amount |
| | Mobilization Demolition, Salvage and Disposal | LS LS | All Reqd All Reqd | \$26,755 \$15,000 | \$26,755 \$15,000 | \$35,000 \$10,000 | \$35,000 \$10,000 | \$75,000 \$10,000 | \$75,000 \$10,000 |
| | Class II Armor Rock | LS CY | 370 | \$15,000 \$70 | \$15,000 \$25,900 | \$10,000 \$92 | \$10,000 \$34,040 | \$10,000 \$100 | \$10,000 |
| | Construction Surveying | LS | All Reqd | \$25,000 | \$25,000 | \$33,500 | \$33,500 | \$30,000 | \$30,000 |
| | Dredging and Disposal | CY | 16,140 | \$30 | \$484,200 | \$15.50 | \$250,170 | \$10 | \$161,400 |
| | TOTAL ADDITIVE ALTERNATE A PRICE | | | | \$576,855 | | \$362,710 | | \$313,400 |
| | /E ALTERNATE B -PILE ANODES | | E | | | - | | - | |
| Item | Item Description | Units | Quantity | Unit Cost | Amount | Unit Cost | Amount | Unit Cost | Amount |
| | Mobilization | LS | All Reqd | \$36,200 | \$36,200 | \$20,000 | \$20,000 | \$30,000 | \$30,000 |
| | Supply Anode | EA | 380 | \$475 \$425 | \$180,500 \$161,500 | \$475 \$516 | \$180,500 \$196,080 | \$450 \$550 | \$171,000 \$200,000 |
| | Install Anode Field Photos, Continuity, Potential Readings and Report | EA LS | 380 All Reqd | \$425 \$20,000 | \$161,500 \$20,000 | \$516 \$4,800 | \$196,080 \$4,800 | \$550 \$10,000 | \$209,000 \$10,000 |
| 2770.5-15 | TOTAL ADDITIVE ALTERNATE B PRICE | Lo | 7 til Requ | \$20,000 | \$398,200 | <u></u> | \$401,380 | \$10,000 | \$420,000 |
| ΑΠΠΙΤΙΙ | /E ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & 1 | DREDGIN | G | | | | | | |
| Item | Item Description | Units | Quantity | Unit Cost | Amount | Unit Cost | Amount | Unit Cost | Amount |
| 1505.1-C | Mobilization | LS | All Reqd | \$30,531 | \$30,531 | \$7,500 | \$7,500 | \$10,000 | \$10,000 |
| | Class II Armor Rock | CY | 160 | \$70 | \$11,200 | \$125 | \$20,000 | \$100 | \$16,000 |
| | Construction Surveying | LS | All Reqd | \$10,000 | \$10,000 | \$5,000 | \$5,000 | \$10,000 | \$10,000 |
| | Dredging and Disposal | CY | 7,020 | \$28 | \$196,560 | \$10 \$21,000 | \$70,200 | \$10 \$22,000 | \$70,200 |
| | Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick Euroich Bearing Pile 30 Inch Dia. X 0.750 Inch Thick | EA LE | 6 360 | \$30,000 \$260 | \$180,000 \$93,600 | \$21,000 \$182 | \$126,000 \$65,520 | \$22,000 \$150 | \$132,000 \$54,000 |
| | Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick | LF EA | 360 2 | \$260 \$22,500 | \$93,600 \$45,000 | \$182 \$14,000 | \$65,520 \$28,000 | \$150 \$20,000 | \$54,000 \$40,000 |
| | SPIN FIN™ Pile Tip | EA | 2 | \$5,000 | \$45,000 | \$4,350 | \$28,000 \$8,700 | \$ 4, 000 | \$ 8, 000 |
| | Supply Anode | EA | 24 | \$475 | \$11,400 | \$475 | \$11,400 | \$ 4 50 | \$10,800 |
| | Install Anode | EA | 24 | \$425 | \$10,200 | \$516 | \$12,384 | \$550 | \$13,200 |
| 2996.3-С | Field Photos, Continuity, Potential Readings and Report | LS | All Reqd | \$2,000 | \$2,000 | \$500 | \$500 | \$5,000 | \$5,000 |
| | Furnish and Install Wave Barrier Waler | LF | 33 | \$550 | \$18,150 | \$465 | \$15,345 | \$1,000 | \$33,000 |
| 5120.2-C | Furnish and Install Wave Barrier Bearing Cap and Connection | EA | 1 | \$22,500 | \$22,500 | \$15,000 | \$15,000 | \$20,000 | \$20,000 |
| | TOTAL ADDITIVE ALTERNATE C PRICE | | | <u> </u> | \$641,141 | | \$385,549 | | \$422,200 |



HAINES BOROUGH PORTAGE COVE HARBOR EXPANSION BID SUMMARY Bid Opening: October 25, 2016

| Item | D Item Description | Units | Quantity | Engineer's Unit Cost | Estimate Amount | Cruz Constr Unit Cost | uction, Inc. Amount | Turnagain M Unit Cost | arine Const. Amount |
|--|--|--|--|--|---|---|--|--|---|
| 1505.1 | Mobilization | LS | All Reqd | \$1,298,635 | \$1,298,635 | \$1,000,000 | \$1,000,000 | \$1,959,600 | \$1,959,600 |
| 1570.1 | Erosion and Sediment Control | LS | All Reqd | \$15,000 | \$15,000 | \$47,000 | \$47,000 | \$20,900 | \$20,900 |
| 1570.2 | Silt Containment Boom | LS | All Reqd | \$30,000 | \$30,000 | \$51,500 | \$51,500 | \$39,100 | \$39,100 |
| 2060.1 2060.2 | Demolition, Salvage and Disposal Seaplane Float Removal and Reinstallation | LS LS | All Reqd All Reqd | \$25,000 \$5,000 | \$25,000 \$5,000 | \$135,000 \$3,250 | \$135,000 \$3,250 | \$112,300 \$10,200 | \$112,300 \$10,200 |
| 2060.2 | Remove, Salvage and Reinstall Transient Float Light Fixtures | LS | All Reqd | \$15,000 | \$5,000 \$15,000 | \$3,230 \$7,000 | \$3,230 \$7,000 | \$49,700 | \$49,700 |
| 2201.1 | Clearing and Grubbing | LS | All Reqd | \$10,000 | \$10,000 | \$45,000 | \$45,000 | \$52,700 | \$52,700 |
| 2202.1 | Class A Shot Rock Borrow | CY | 8,690 | \$35 | \$304,150 | \$27 | \$234,630 | \$30 | \$260,700 |
| 2202.2 | Class B Shot Rock Borrow | CY | 8,390 | \$28 | \$234,920 | \$28 | \$234,920 | \$30 | \$251,700 |
| 2204.1 | Base Course, Grading C-1 | CY | 440 | \$50 | \$22,000 | \$72 | \$31,680 | \$80 \$20 | \$35,200 |
| 2205.1 2205.2 | Class II Armor Rock Class III Armor Rock | CY CY | 3,210 2,210 | \$70 \$70 | \$224,700 \$154,700 | \$75 \$76 | \$240,750 \$167,960 | \$90 \$80 | \$288,900 \$176,800 |
| 2205.2 | Class IV Armor Rock | CY | 2,210 1,540 | \$70 \$75 | \$134,700 | \$76 \$85 | \$130,900 | \$80 \$90 | \$178,800 |
| 2207.1 | Remove and Restore Rock on Rubble Mound Breakwater | LS | All Reqd | \$200,000 | \$200,000 | \$190,000 | \$190,000 | \$45,300 | \$45,300 |
| 2207.2 | Breakwater Armor Rock, Type I | CY | 700 | \$140 | \$98,000 | \$300 | \$210,000 | \$600 | \$420,000 |
| 2207.3 | Breakwater Underlayer Rock, Type II | CY | 350 | \$140 | \$49,000 | \$200 | \$70,000 | \$600 | \$210,000 |
| 2207.4 | Remove Existing Navigation Aid Structure | LS | All Reqd | \$5,000 | \$5,000 | \$4,000 | \$4,000 | \$1,300 | \$1,300 |
| 2401.1 2401.2 | Furnish and Install 16-Inch Dia. HDPE Wastewater Outfall Pipe Sta. 1+50 to 7+75 Furnish and Install 16-Inch Dia. HDPE Wastewater Outfall Pipe Sta. 7+75 to Diffuser | LF LF | 625 1,800 | \$135 \$370 | \$84,375 \$666,000 | \$162 \$500 | \$101,250 \$900,000 | \$180 \$300 | \$112,500 \$540,000 |
| 2401.2 2401.3 | Furnish and Install Wastewater Outfall Diffuser | LF | All Reqd | \$370 \$20,000 | \$000,000 | \$500 \$53,500 | \$53,500 | \$5,500 | \$540,000 \$5,500 |
| 2401.4 | Connect to Existing 16-Inch Dia. HDPE Outfall Pipe | LS | All Reqd | \$10,000 | \$10,000 | \$19,000 | \$19,000 | \$7,900 | \$7,900 |
| 2401.5 | Furnish and Install Wastewater Outfall Concrete Anchor, Type I | EA | 170 | \$200 | \$34,000 | \$500 | \$85,000 | \$380 | \$64,600 |
| 2401.6 | Furnish and Install Wastewater Outfall Concrete Anchor, Type II | EA | 20 | \$225 | \$4,500 | \$925 | \$18,500 | \$460 | \$9,200 |
| 2401.7 | Wastewater Outfall Dive Surveys and Videos | LS | All Reqd | \$20,000 | \$20,000 | \$97,500 | \$97,500 | \$31,300 | \$31,300 |
| 2501.1 2501.2 | 12-Inch CPP Storm Drain Pipe | LF | 170 240 | \$60 \$100 | \$10,200 \$24,000 | \$105 \$125 | \$17,850 \$30,000 | \$120 \$180 | \$20,400 \$43,200 |
| 2501.2 2501.3 | 24-Inch CPP Storm Drain Pipe 36-Inch CPP Storm Drain Pipe | LF LF | 240 450 | \$100 \$120 | \$24,000 \$54,000 | \$125 \$160 | \$30,000 \$72,000 | \$180 \$220 | \$43,200 \$99,000 |
| 2501.3 2501.4 | Clean Existing Storm Drain Pipe to Upstream Manhole | LF LS | All Reqd | \$120 \$5,000 | \$54,000 \$5,000 | \$160 \$12,500 | \$72,000 \$12,500 | \$220 \$18,400 | \$99,000 \$18,400 |
| 2501.5 | Connect to Existing Storm Drain Pipe | EA | 4 | \$1,000 | \$ 3,000 | \$ 4, 000 | \$12,500 | \$4,300 | \$17,200 |
| 2502.1 | Storm Drain Manhole, Type I | EA | 3 | \$10,000 | \$30,000 | \$12,000 | \$36,000 | \$16,800 | \$50,400 |
| 2502.2 | Storm Drain Manhole, Type II | EA | 1 | \$5,000 | \$5,000 | \$10,000 | \$10,000 | \$13,100 | \$13,100 |
| 2502.3 | Storm Drain Oil-Water Separator | EA | 1 | \$35,000 | \$35,000 | \$50,000 | \$50,000 | \$64,800 | \$64,800 |
| 2502.4 | Storm Drain Outfall Structure | LS | All Reqd | \$40,000 | \$40,000 | \$75,000 | \$75,000 | \$76,500 | \$76,500 |
| 2702.1 | Construction Surveying | LS | All Reqd | \$200,000 | \$200,000 | \$165,000 | \$165,000 | \$752,800 | \$752,800 |
| 2702.2 2714.1 | Reset Survey Monument Geotextile Fabric | EA SY | 1 13 240 | \$5,000 \$5 | \$5,000 \$66,200 | \$2,600 \$3.50 | \$2,600 \$46,340 | \$6,400 \$5 | \$6,400 \$66,200 |
| 2714.1 | Dredging and Disposal | CY | 13,240 83,500 | \$5 \$28 | \$66,200 \$2,338,000 | \$3.50 \$26 | \$46,340 \$2,171,000 | \$3 \$23 | \$66,200 \$1,920,500 |
| 2881.2 | Marine Mammal Work Suspension - Dredging Activity | HR | 20 | \$2,500 | \$50,000 | \$950 | \$19,000 | \$2,300 | \$46,000 |
| 2896.1 | Furnish and Install Mooring Pile, 16 Inch Dia. X 0.500 Inch Thick | EA | 8 | \$10,000 | \$80,000 | \$13,500 | \$108,000 | \$8,100 | \$64,800 |
| 2896.2 | Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick | EA | 113 | \$30,000 | \$3,390,000 | \$26,500 | \$2,994,500 | \$23,800 | \$2,689,400 |
| 2896.3 | Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick | LF | 6,840 | \$260 | \$1,778,400 | \$150 | \$1,026,000 | \$170 | \$1,162,800 |
| 2896.4 | Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick | EA | 38 | \$22,500 | \$855,000 | \$28,000 | \$1,064,000 | \$24,500 | \$931,000 |
| 2896.5 | Install Transient Float Pile, 12.75 Inch Dia. X 0.500 Inch Thick | EA | 9 | \$4,000 | \$36,000 | \$5,700 | \$51,300 | \$3,400 | \$30,600 |
| 2896.6 2896.7 | Contingent Work - Deep Obstruction Removal SPIN FIN™ Pile Tip | CS EA | As Reqd 36 | \$500,000 \$5,000 | \$500,000 \$180,000 | \$500,000 \$3,500 | \$500,000 \$126,000 | \$500,000 \$5,400 | \$500,000 \$194,400 |
| 2896.7 | PDA Testing Assistance | HR | 20 | \$3,000 | \$180,000 | \$5,500 \$500 | \$120,000 | \$2,500 | \$194,400 \$50,000 |
| 2896.9 | Field Splice Owner Furnished Transient Float Pile, 12.75 Inch Dia. | EA | 9 | \$1,500 | \$13,500 | \$500 | \$4,500 | \$1,300 | \$11,700 |
| 2896.10 | Furnish and Install Open Cutting Shoe, 12.75 Inch Dia. Pile | EA | 1 | \$1,500 | \$1,500 | \$1,000 | \$1,000 | \$1,400 | \$1,400 |
| 2896.11 | Field Splice, 24 Inch or 30 Inch Dia. Pile | EA | 6 | \$3,500 | \$21,000 | \$5,500 | \$33,000 | \$6,400 | \$38,400 |
| 2896.12 | Marine Mammal Work Suspension - Pile Activity | HR | 20 | \$3,000 | \$60,000 | \$1,010 | \$20,200 | \$2,500 | \$50,000 |
| 5120.1 | Furnish and Install Wave Barrier Waler | \mathbf{LF} | 604 | \$550 | \$332,200 | \$535 | \$323,140 | \$700 | \$422,800 |
| 5120.2 | Furnish and Install Wave Barrier Bearing Cap and Connection | EA | 19 | \$22,500 | \$427,500 | \$24,000 | \$456,000 | \$18,300 | \$347,700 |
| 5120.3 | Wave Barrier Amenities - Fenders, Ladders, Navigation Aid Mount & Owner-Furnished Tower TOTAL BASE BID PRICE | LS | All Reqd | \$38,000 | \$38,000 \$14,284,980 | \$50,000 | \$50,000 \$13,569,270 | \$24,5 00 | \$24,500 \$14,558,400 |
| | | | | | ¢11,201,900 | | <i><i>q</i>13,307,270</i> | | ¢11,000,100 |
| | | | | | | | | | |
| | VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN | | | | | | | | |
| Item | Item Description | Units | Quantity | Unit Cost | Amount | Unit Cost | Amount | Unit Cost | Amount |
| Item 1505.1-A | Item Description Mobilization | LS | All Reqd | \$26,755 | \$26,755 | \$3,000 | \$3,000 | \$71,800 | \$71,800 |
| Item 1505.1-A 2060.1-A | Item Description Mobilization Demolition, Salvage and Disposal | LS LS | All Reqd All Reqd | \$26,755 \$15,000 | \$26,755 \$15,000 | \$3,000 \$17,000 | \$3,000 \$17,000 | \$71,800 \$38,600 | \$71,800 \$38,600 |
| Item 1505.1-A 2060.1-A 2205.1-A | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock | LS LS CY | All Reqd All Reqd 370 | \$26,755 \$15,000 \$70 | \$26,755 \$15,000 \$25,900 | \$3,000 \$17,000 \$78 | \$3,000 \$17,000 \$28,860 | \$71,800 \$38,600 \$90 | \$71,800 \$38,600 \$33,300 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A | Item Description Mobilization Demolition, Salvage and Disposal | LS LS | All Reqd All Reqd | \$26,755 \$15,000 | \$26,755 \$15,000 | \$3,000 \$17,000 | \$3,000 \$17,000 | \$71,800 \$38,600 | \$71,800 \$38,600 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying | LS LS CY LS | All Reqd All Reqd 370 All Reqd | \$26,755 \$15,000 \$70 \$25,000 | \$26,755 \$15,000 \$25,900 \$25,000 | \$3,000 \$17,000 \$78 \$24,000 | \$3,000 \$17,000 \$28,860 \$24,000 | \$71,800 \$38,600 \$90 \$17,000 | \$71,800 \$38,600 \$33,300 \$17,000 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE | LS LS CY LS | All Reqd All Reqd 370 All Reqd | \$26,755 \$15,000 \$70 \$25,000 | \$26,755 \$15,000 \$25,900 \$25,000 \$484,200 | \$3,000 \$17,000 \$78 \$24,000 | \$3,000 \$17,000 \$28,860 \$24,000 \$322,800 | \$71,800 \$38,600 \$90 \$17,000 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES | LS LS CY LS CY | All Reqd All Reqd 370 All Reqd 16,140 | \$26,755 \$15,000 \$70 \$25,000 \$30 | \$26,755 \$15,000 \$25,900 \$25,000 \$484,200 \$576,855 | \$3,000 \$17,000 \$78 \$24,000 \$20 | \$3,000 \$17,000 \$28,860 \$24,000 \$322,800 \$395,660 | \$71,800 \$38,600 \$90 \$17,000 \$20 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description | LS LS CY LS CY Units | All Reqd All Reqd 370 All Reqd 16,140 Quantity | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost | \$3,000 \$17,000 \$28,860 \$34,000 \$322,800 \$395,660 Amount | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 Amount |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization | LS LS CY LS CY Units LS | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd | \$26,755 \$15,000 \$25,000 \$30 Unit Cost \$36,200 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$11,500 | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 Amount \$34,400 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.1-B | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode | LS LS CY LS CY Units LS EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$11,500 \$600 | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 \$228,000 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 Amount \$34,400 \$190,000 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.1-B 2996.2-B | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization | LS LS CY LS CY Units LS | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd | \$26,755 \$15,000 \$25,000 \$30 Unit Cost \$36,200 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$11,500 | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 Amount \$34,400 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.1-B 2996.2-B | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode | LS LS CY LS CY Units LS EA EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$11,500 \$600 \$450 | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$483,500 \$190,000 \$182,400 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.1-B 2996.2-B 2996.3-B | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE | LS LS CY LS CY Units LS EA EA LS | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$11,500 \$600 \$450 | \$3,000 \$17,000 \$28,860 \$324,000 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$190,000 \$182,400 \$182,400 \$6,100 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.1-B 2996.2-B 2996.3-B | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE | LS LS CY LS CY Units LS EA EA LS DREDGING | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$11,500 \$600 \$450 \$6,500 | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$483,500 \$190,000 \$182,400 \$182,400 \$6,100 \$412,900 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.1-B 2996.2-B 2996.3-B ADDITIV Item | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE | LS LS CY LS CY Units EA EA LS DREDGING Units | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G Quantity | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$11,500 \$600 \$450 \$6,500 Unit Cost | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$483,500 \$483,500 \$483,500 \$483,500 \$412,900 \$412,900 \$412,900 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.2-B 2996.3-B 2996.3-B ADDITIV Item 1505.1-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization | LS LS CY LS CY Units EA EA LS DREDGING Units LS | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G Quantity All Reqd | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$450 \$6500 \$450 \$6,500 Unit Cost \$4,000 | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 \$417,000 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost \$1,200 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$483,500 \$483,500 \$483,500 \$483,500 \$412,900 \$412,900 \$412,900 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.3-B 2996.3-B ADDITIV Item 1505.1-C 2205.1-C 2205.1-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE | LS LS CY LS CY Units EA EA LS DREDGING Units | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G Quantity | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$11,500 \$600 \$450 \$6,500 Unit Cost | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$483,500 \$483,500 \$483,500 \$483,500 \$412,900 \$412,900 \$412,900 |
| Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.3-B 2996.3-B ADDITIV Item 1505.1-C 2205.1-C 2702.1-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Class II Armor Rock | LS LS CY LS CY Units EA EA LS DREDGING Units LS CY | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G Quantity All Reqd 160 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$600 \$450 \$6,500 Unit Cost \$4,000 \$90 | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 \$417,000 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost \$1,200 \$100 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$483,500 \$190,000 \$182,400 \$190,000 \$182,400 \$6,100 \$412,900 \$412,900 \$412,900 \$ 1,200 \$16,000 |
| Item 1505.1-A 2005.1-A 2702.1-A 2881.1-A ADDITTIV Item 1505.1-B 2996.3-B 2996.3-B ADDITTIV Item 1505.1-C 2205.1-C 2702.1-C 2881.1-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Class II Armor Rock Construction Surveying | LS LS CY LS CY Units EA EA LS DREDGING Units LS CY LS | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G Quantity All Reqd 160 All Reqd | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$600 \$450 \$6,500 Unit Cost \$4,000 \$90 \$3,000 | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 \$417,000 \$44,000 \$14,400 \$3,000 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost \$1,200 \$100 \$5,700 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$190,000 \$182,400 \$190,000 \$182,400 \$6,100 \$412,900 \$412,900 \$412,900 \$16,000 \$5,700 |
| Item 1505.1-A 2005.1-A 2702.1-A 2881.1-A ADDITTIV Item 1505.1-B 2996.1-B 2996.2-B 2996.3-B ADDITTIV Item 1505.1-C 2205.1-C 2205.1-C 2702.1-C 2881.1-C 2896.2-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal | LS LS CY LS CY Units LS EA EA LS DREDGING Units LS CY LS CY LS CY | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G Quantity All Reqd 160 All Reqd 160 All Reqd 7,020 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$600 \$450 \$6,500 Unit Cost \$4,000 \$90 \$3,000 \$20 | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 \$417,000 \$44,000 \$14,400 \$14,400 \$3,000 \$140,400 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost \$1,200 \$100 \$5,700 \$20 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$190,000 \$182,400 \$190,000 \$182,400 \$142,900 \$412,900 \$412,900 \$1,200 \$16,000 \$5,700 \$140,400 |
| Item 1505.1-A 2005.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.2-B 2996.2-B 2996.3-B ADDITIV 1505.1-C 2205.1-C 2205.1-C 2702.1-C 2881.1-C 2896.2-C 2896.2-C 2896.3-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furdish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick | LS LS CY LS CY Units EA EA LS DREDGING Units LS CY LS CY LS CY EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 160 All Reqd 160 All Reqd 160 All Reqd 7,020 6 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,000 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$600 \$450 \$6,500 Unit Cost \$4,000 \$90 \$3,000 \$20 \$20 \$27,000 | \$3,000 \$17,000 \$28,860 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 \$417,000 \$44,000 \$14,400 \$14,400 \$14,400 \$14,400 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost \$1,200 \$100 \$5,700 \$20 \$22,800 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$182,400 \$190,000 \$182,400 \$182,400 \$182,400 \$112,000 \$412,900 \$412,900 \$140,400 \$136,800 |
| Item 1505.1-A 2000.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.2-B 2996.2-B 2996.3-B ADDITIV 1505.1-C 2205.1-C 2205.1-C 2205.1-C 2881.1-C 2896.2-C 2896.3-C 2896.3-C 2896.4-C 2896.4-C 2896.7-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Furnish Pile Tip | LS CY LS CY Units LS EA EA LS DREDGING Units LS CY LS CY LS CY EA LF EA EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 160 All Reqd 160 All Reqd 7,020 6 360 2 2 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,000 \$260 \$22,500 \$5,000 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$111,200 \$10,000 \$196,560 \$180,000 \$93,600 \$45,000 \$10,000 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$600 \$450 \$6,500 Unit Cost \$4,000 \$90 \$3,000 \$20 \$2,7,000 \$150 \$28,500 \$3,800 | \$3,000 \$17,000 \$28,860 \$24,000 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 \$417,000 \$417,000 \$414,400 \$14,400 \$14,400 \$14,400 \$14,400 \$14,400 \$54,000 \$54,000 \$57,000 \$7,600 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost \$1,200 \$100 \$5,700 \$20 \$22,800 \$170 \$21,300 \$5,400 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$182,400 \$190,000 \$182,400 \$6,100 \$412,900 \$412,900 \$412,900 \$16,000 \$16,000 \$140,400 \$136,800 \$61,200 \$42,600 \$10,800 |
| Item 1505.1-A 2006.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.2-B 2996.2-B 2996.3-B ADDITIV 1505.1-C 2205.1-C 2702.1-C 2881.1-C 2896.2-C 2896.3-C 2896.3-C 2896.4-C 2896.7-C 2996.1-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick SpIN FIN™ Pile Tip Supply Anode | LS CY LS CY Units EA EA EA LS DREDGINO Units CY LS CY LS CY EA LF EA EA EA EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 160 All Reqd 160 All Reqd 160 All Reqd 7,020 6 360 2 2 2 24 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,000 \$260 \$22,500 \$5,000 \$475 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$111,200 \$10,000 \$196,560 \$180,000 \$93,600 \$45,000 \$10,000 \$11,400 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$600 \$450 \$6,500 Unit Cost \$4,000 \$90 \$3,000 \$20 \$27,000 \$150 \$28,500 \$3,800 \$600 | \$3,000 \$17,000 \$28,860 \$24,000 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 \$417,000 \$417,000 \$414,000 \$14,400 \$162,000 \$54,000 \$54,000 \$54,000 \$57,000 \$7,600 \$14,400 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost \$1,200 \$100 \$5,700 \$20 \$22,800 \$170 \$21,300 \$5,400 \$500 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$182,400 \$190,000 \$182,400 \$142,900 \$412,900 \$412,900 \$140,400 \$136,800 \$140,400 \$136,800 \$61,200 \$42,600 \$10,800 \$12,000 |
| Item 1505.1-A 2006.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.2-B 2996.2-B 2996.3-B ADDITIV 1505.1-C 2205.1-C 2702.1-C 2881.1-C 2896.2-C 2896.3-C 2896.3-C 2896.4-C 2896.4-C 2896.7-C 2996.1-C 2996.1-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick SPIN FIN™ Pile Tip Supply Anode Install Anode | LS LS CY LS CY Units EA EA LS DREDGINO Units IS CY LS CY LS CY EA LF EA EA EA EA EA EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 160 All Reqd 160 All Reqd 160 All Reqd 7,020 6 360 2 2 2 4 24 24 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,500 \$260 \$22,500 \$5,000 \$475 \$425 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$111,200 \$10,000 \$145,000 \$145,000 \$145,000 \$145,000 \$114,000 \$114,000 \$114,000 \$114,000 \$114,000 | \$3,000 \$17,000 \$78 \$20 \$20 Unit Cost \$450 \$6,500 Unit Cost \$4,000 \$90 \$3,000 \$20 \$27,000 \$150 \$28,500 \$3,800 \$600 \$600 | \$3,000 \$17,000 \$28,860 \$24,000 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 \$417,000 \$417,000 \$414,400 \$144,000 \$144,000 \$54,000 \$57,000 \$57,000 \$14,400 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost \$1,200 \$100 \$5,700 \$20 \$22,800 \$170 \$21,300 \$5,400 \$500 \$480 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$190,000 \$182,400 \$190,000 \$182,400 \$412,900 \$412,900 \$412,900 \$140,400 \$136,800 \$61,200 \$42,600 \$110,800 \$12,000 \$11,520 |
| Item 1505.1-A 2000.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.2-B 2996.2-B 2996.2-B 2996.3-B ADDITIV 1505.1-C 2205.1-C 2205.1-C 2881.1-C 2896.2-C 2896.3-C 2896.4-C 2896.4-C 2896.4-C 2896.4-C 2896.4-C 2896.4-C 2896.4-C 2896.4-C 2996.1-C 2996.1-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick SPIN FIN™ Pile Tip Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report | LS LS CY LS CY LS EA EA LS DREDGINO Units LS CY LS CA LS CY LS CY LS CA CA CA LS CA CA LS CA CA LS CA CA L | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 160 All Reqd 160 All Reqd 160 All Reqd 160 All Reqd 7,020 6 360 2 2 2 4 24 24 All Reqd | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,500 \$260 \$22,500 \$260 \$22,500 \$475 \$425 \$20,000 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$330,531 \$11,200 \$10,000 \$196,560 \$180,000 \$196,560 \$180,000 \$196,560 \$180,000 \$196,560 \$180,000 \$11,400 \$10,000 \$11,400 \$10,200 \$2,000 | \$3,000 \$17,000 \$78 \$24,000 \$20 Unit Cost \$450 \$600 \$450 \$6,500 Unit Cost \$4,000 \$90 \$3,000 \$20 \$2,000 \$150 \$28,500 \$3,800 \$3,800 \$600 \$3,800 \$600 \$1,600 | \$3,000 \$17,000 \$28,860 \$24,000 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 \$417,000 \$140,000 \$140,400 \$140,400 \$140,400 \$54,000 \$57,000 \$57,000 \$14,400\$14,400\$14,400\$140 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost \$1,200 \$100 \$5,700 \$20 \$22,800 \$170 \$221,300 \$5,400 \$5,400 \$5,400 \$5,400 \$5,400 \$5,400 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$483,500 \$190,000 \$182,400 \$182,400 \$412,900 \$412,900 \$140,400 \$136,800 \$57,700 \$140,400 \$136,800 \$61,200 \$42,600 \$11,520 \$600 |
| Item 1505.1-A 2006.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV 1505.1-B 2996.1-B 2996.2-B 2996.2-B 2996.3-B ADDITIV 1505.1-C 2205.1-C 2702.1-C 2896.2-C 2896.3-C 2896.4-C 2896.4-C 2896.4-C 2896.4-C 2896.4-C 2896.4-C 2896.4-C 2896.3-C 2996.1-C 2996.1-C 2996.3-C 2996.3-C 2996.3-C | Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick SPIN FIN™ Pile Tip Supply Anode Install Boaring Pile, 30 Inch Dia. X 0.750 Inch Thick SPIN FIN™ Pile Tip Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report | LS LS CY LS CY Units EA EA LS DREDGINO Units IS CY LS CY LS CY EA LF EA EA EA EA EA EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 160 All Reqd 160 All Reqd 160 All Reqd 7,020 6 360 2 2 2 4 24 24 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,500 \$260 \$22,500 \$5,000 \$475 \$425 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$111,200 \$10,000 \$145,000 \$145,000 \$145,000 \$145,000 \$114,000 \$114,000 \$114,000 \$114,000 \$114,000 | \$3,000 \$17,000 \$78 \$20 \$20 Unit Cost \$450 \$6,500 Unit Cost \$4,000 \$90 \$3,000 \$20 \$27,000 \$150 \$28,500 \$3,800 \$600 \$600 | \$3,000 \$17,000 \$28,860 \$24,000 \$322,800 \$395,660 Amount \$11,500 \$228,000 \$171,000 \$6,500 \$417,000 \$417,000 \$417,000 \$414,400 \$144,000 \$144,000 \$54,000 \$57,000 \$57,000 \$14,400 | \$71,800 \$38,600 \$90 \$17,000 \$20 Unit Cost \$34,400 \$500 \$480 \$6,100 Unit Cost \$1,200 \$100 \$5,700 \$20 \$22,800 \$170 \$21,300 \$5,400 \$500 \$480 | \$71,800 \$38,600 \$33,300 \$17,000 \$322,800 \$483,500 \$483,500 \$190,000 \$182,400 \$190,000 \$182,400 \$412,900 \$412,900 \$412,900 \$140,400 \$136,800 \$5,700 \$140,400 \$136,800 \$61,200 \$42,600 \$10,800 \$12,000 \$11,520 |



HAINES BOROUGH PORTAGE COVE HARBOR EXPANSION BID SUMMARY Bid Opening: October 25, 2016

| 1505.1 | D Item Description | Units | Quantity | Engineer's Unit Cost | Estimate Amount | Kiewit Infra Unit Cost | a. West Co. Amount | Manson C Unit Cost | Const. Co. Amount |
|---|--|--|--|---|--|--|---|---|--|
| | Mobilization | LS | All Reqd | \$1,298,635 | \$1,298,635 | \$2,165,840 | \$2,165,840 | \$2,000,000 | \$2,000,000 |
| 1570.1 | Erosion and Sediment Control | LS | All Reqd | \$15,000 | \$15,000 | \$100,000 | \$100,000 | \$25,000 | \$25,000 |
| 1570.2 | Silt Containment Boom | LS | All Reqd | \$30,000 | \$30,000 | \$100,000 | \$100,000 | \$50,000 | \$50,000 |
| 2060.1 | Demolition, Salvage and Disposal | LS | All Reqd | \$25,000 | \$25,000 | \$150,000 | \$150,000 | \$250,000 | \$250,000 |
| 2060.2 | Seaplane Float Removal and Reinstallation | LS | All Reqd | \$5,000 | \$5,000 | \$10,000 | \$10,000 | \$20,000 | \$20,000 |
| 2060.3 | Remove, Salvage and Reinstall Transient Float Light Fixtures | LS | All Reqd | \$15,000 | \$15,000 | \$6,300 | \$6,300 | \$20,000 | \$20,000 |
| 2201.1 | Clearing and Grubbing | LS | All Reqd | \$10,000 | \$10,000 | \$100,000 | \$100,000 | \$50,000 | \$50,000 |
| 2202.1 | Class A Shot Rock Borrow | CY | 8,690 | \$35 | \$304,150 | \$75 | \$651,750 | \$26 | \$225,940 |
| 2202.2 | Class B Shot Rock Borrow | CY | 8,390 | \$28 | \$234,920 | \$45 | \$377,550 | \$26 | \$218,140 |
| 2204.1 | Base Course, Grading C-1 | CY | 440 | \$50 \$70 | \$22,000 | \$100 | \$44,000 | \$65 | \$28,600 |
| 2205.1 | Class II Armor Rock Class III Armor Rock | CY CY | 3,210 | \$70 \$70 | \$224,700 \$154,700 | \$200 | \$642,000 \$176,800 | \$100 \$72 | \$321,000 |
| 2205.2 2205.3 | Class III Armor Rock Class IV Armor Rock | CY | 2,210 1,540 | \$70 \$75 | \$154,700 \$115,500 | \$80 \$90 | \$176,800 \$138,600 | \$72 \$85 | \$159,120 \$130,900 |
| 2205.5 | Remove and Restore Rock on Rubble Mound Breakwater | LS | | \$75 \$200,000 | \$200,000 | \$90 \$50,000 | \$158,000 | \$65,000 | \$150,900 |
| 2207.1 | Breakwater Armor Rock, Type I | LS CY | All Reqd 700 | \$200,000 \$140 | \$200,000 \$98,000 | \$50,000 \$400 | \$30,000 \$280,000 | \$65,000 \$210 | \$65,000 \$147,000 |
| 2207.2 | Breakwater Underlayer Rock, Type II | CY | 350 | \$140 \$140 | \$98,000 \$49,000 | \$400 \$200 | \$280,000 \$70,000 | \$210 \$155 | \$54,250 |
| 2207.4 | Remove Existing Navigation Aid Structure | LS | All Reqd | \$5,000 | \$5,000 | \$10,000 | \$10,000 | \$7,500 | \$7,500 |
| 2401.1 | Furnish and Install 16-Inch Dia. HDPE Wastewater Outfall Pipe Sta. 1+50 to 7+75 | LF | 625 | \$135 | \$84,375 | \$250 | \$156,250 | \$170 | \$106,250 |
| 2401.2 | Furnish and Install 16-Inch Dia. HDPE Wastewater Outfall Pipe Sta. 7+75 to Diffuser | LF | 1,800 | \$370 | \$666,000 | \$700 | \$1,260,000 | \$400 | \$720,000 |
| 2401.3 | Furnish and Install Wastewater Outfall Diffuser | LS | All Reqd | \$20,000 | \$20,000 | \$50,000 | \$50,000 | \$60,000 | \$60,000 |
| 2401.4 | Connect to Existing 16-Inch Dia. HDPE Outfall Pipe | LS | All Reqd | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$20,000 | \$20,000 |
| 2401.5 | Furnish and Install Wastewater Outfall Concrete Anchor, Type I | EA | 170 | \$200 | \$34,000 | \$2,000 | \$340,000 | \$590 | \$100,300 |
| 2401.6 | Furnish and Install Wastewater Outfall Concrete Anchor, Type II | EA | 20 | \$225 | \$4,500 | \$1,800 | \$36,000 | \$1,250 | \$25,000 |
| 2401.7 | Wastewater Outfall Dive Surveys and Videos | LS | All Reqd | \$20,000 | \$20,000 | \$150,000 | \$150,000 | \$45,000 | \$45,000 |
| 2501.1 | 12-Inch CPP Storm Drain Pipe | LF | 170 | \$60 | \$10,200 | \$150 | \$25,500 | \$105 | \$17,850 |
| 2501.2 | 24-Inch CPP Storm Drain Pipe | LF | 240 | \$100 | \$24,000 | \$220 | \$52,800 | \$155 | \$37,200 |
| 2501.3 | 36-Inch CPP Storm Drain Pipe | LF | 450 | \$120 | \$54,000 | \$300 | \$135,000 | \$190 | \$85,500 |
| 2501.4 | Clean Existing Storm Drain Pipe to Upstream Manhole | LS | All Reqd | \$5,000 | \$5,000 | \$20,000 | \$20,000 | \$11,200 | \$11,200 |
| 2501.5 | Connect to Existing Storm Drain Pipe | EA | 4 | \$1,000 | \$4,000 | \$2,500 | \$10,000 | \$3,000 | \$12,000 |
| 2502.1 | Storm Drain Manhole, Type I | EA | 3 | \$10,000 | \$30,000 | \$9,000 | \$27,000 | \$14,500 | \$43,500 |
| 2502.2 | Storm Drain Manhole, Type II | EA | 1 | \$5,000 | \$5,000 | \$7,000 | \$7,000 | \$11,200 | \$11,200 |
| 2502.3 | Storm Drain Oil-Water Separator | EA | 1 | \$35,000 | \$35,000 | \$65,000 | \$65,000 | \$60,000 | \$60,000 |
| 2502.4 | Storm Drain Outfall Structure | LS | All Reqd | \$40,000 | \$40,000 | \$60,000 | \$60,000 | \$70,000 | \$70,000 |
| 2702.1 | Construction Surveying | LS | All Reqd | \$200,000 | \$200,000 | \$250,000 | \$250,000 | \$220,000 | \$220,000 |
| 2702.2 | Reset Survey Monument | EA | 1 | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$6,000 | \$6,000 |
| 2714.1 | Geotextile Fabric | SY | 13,240 | \$5 | \$66,200 | \$2.30 | \$30,452 | \$4.50 | \$59,580 |
| 2881.1 | Dredging and Disposal | CY | 83,500 | \$28 | \$2,338,000 | \$11 | \$918,500 | \$13 | \$1,085,500 |
| 2881.2 | Marine Mammal Work Suspension - Dredging Activity | HR | 20 | \$2,500 | \$50,000 | \$3,000 | \$60,000 | \$2,000 | \$40,000 |
| 2896.1 | Furnish and Install Mooring Pile, 16 Inch Dia. X 0.500 Inch Thick | EA | 8 | \$10,000 | \$80,000 | \$18,000 | \$144,000 | \$14,000 | \$112,000 |
| 2896.2 | Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick | EA | 113 | \$30,000 | \$3,390,000 | \$25,000 | \$2,825,000 | \$32,000 | \$3,616,000 |
| 2896.3 | Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick | LF | 6,840 | \$260 | \$1,778,400 | \$170 | \$1,162,800 | \$210 | \$1,436,400 |
| 2896.4 | Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick | EA | 38 | \$22,500 | \$855,000 | \$25,000 | \$950,000 | \$50,000 | \$1,900,000 |
| 2896.5 | Install Transient Float Pile, 12.75 Inch Dia. X 0.500 Inch Thick | EA | 9 | \$4,000 | \$36,000 | \$11,100 | \$99,900 | \$4,300 | \$38,700 |
| 2896.6 | Contingent Work - Deep Obstruction Removal | CS | As Reqd | \$500,000 | \$500,000 | \$500,000 | \$500,000 | \$500,000 | \$500,000 |
| 2896.7 | SPIN FIN™ Pile Tip | EA | 36 | \$5,000 | \$180,000 | \$1,100 | \$39,600 | \$3,300 | \$118,800 |
| 2896.8 | PDA Testing Assistance | HR | 20 | \$3,000 | \$60,000 | \$2,500 | \$50,000 | \$3,200 | \$64,000 |
| 2896.9 | Field Splice Owner Furnished Transient Float Pile, 12.75 Inch Dia. | EA | 9 | \$1,500 | \$13,500 | \$4,000 | \$36,000 | \$6,000 | \$54,000 |
| 2896.10 | Furnish and Install Open Cutting Shoe, 12.75 Inch Dia. Pile | EA | 1 | \$1,500 | \$1,500 | \$5,000 | \$5,000 | \$2,400 | \$2,400 |
| 2896.11 | Field Splice, 24 Inch or 30 Inch Dia. Pile | EA | 6 | \$3,500 | \$21,000 | \$20,000 | \$120,000 | \$12,500 | \$75,000 |
| 2896.12 | Marine Mammal Work Suspension - Pile Activity | HR | 20 | \$3,000 | \$60,000 | \$3,500 | \$70,000 | \$3,200 | \$64,000 |
| 5120.1 | Furnish and Install Wave Barrier Waler | LF | 604 | \$550 | \$332,200 | \$1,300 | \$785,200 | \$1,500 | \$906,000 |
| | Furnish and Install Wave Barrier Bearing Cap and Connection | EA | 19 All Bood | \$22,500 \$38,000 | \$427,500 \$28,000 | \$22,000 \$40,000 | \$418,000 \$40,000 | \$22,500 | \$427,500 |
| 5120.2 | Wave Barrier Amenities - Fenders, Ladders, Navigation Aid Mount & Owner-Furnished Tower | LS | All Reqd | \$38,000 | \$38,000 | \$40,000 | | \$36,000 | \$36,000 |
| 5120.2 5120.3 | | | | | \$14,284,980 | | \$15,986,842 | | \$15,959,330 |
| | TOTAL BASE BID PRICE | | | | | | | | |
| 5120.3 | TOTAL BASE BID PRICE | | | | | | | | |
| 5120.3 | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN | Units | Quantity | Unit Cost | Amount | Unit Cost | Amount | Unit Cost | Amount |
| 5120.3 ADDITIV Item | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description | Units LS | Quantity All Read | Unit Cost \$26.755 | Amount \$26,755 | Unit Cost \$595,000 | Amount \$595,000 | Unit Cost \$135,000 | Amount \$135,000 |
| 5120.3 ADDITIV Item 1505.1-A | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization | LS | All Reqd | \$26,755 | \$26,755 | \$595,000 | \$595,000 | \$135,000 | \$135,000 |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal | LS LS | All Reqd All Reqd | \$26,755 \$15,000 | \$26,755 \$15,000 | \$595,000 \$20,000 | \$595,000 \$20,000 | \$135,000 \$11,000 | \$135,000 \$11,000 |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A 2205.1-A | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock | LS LS CY | All Reqd All Reqd 370 | \$26,755 \$15,000 \$70 | \$26,755 \$15,000 \$25,900 | \$595,000 \$20,000 \$200 | \$595,000 \$20,000 \$74,000 | \$135,000 \$11,000 \$105 | \$135,000 \$11,000 \$38,850 |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal | LS LS | All Reqd All Reqd | \$26,755 \$15,000 | \$26,755 \$15,000 | \$595,000 \$20,000 | \$595,000 \$20,000 | \$135,000 \$11,000 | \$135,000 \$11,000 \$38,850 \$26,000 |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal | LS LS CY LS | All Reqd All Reqd 370 All Reqd | \$26,755 \$15,000 \$70 \$25,000 | \$26,755 \$15,000 \$25,900 \$25,000 \$484,200 | \$595,000 \$20,000 \$200 \$50,000 | \$595,000 \$20,000 \$74,000 \$50,000 \$355,080 | \$135,000 \$11,000 \$105 \$26,000 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying | LS LS CY LS | All Reqd All Reqd 370 All Reqd | \$26,755 \$15,000 \$70 \$25,000 | \$26,755 \$15,000 \$25,900 \$25,000 | \$595,000 \$20,000 \$200 \$50,000 | \$595,000 \$20,000 \$74,000 \$50,000 | \$135,000 \$11,000 \$105 \$26,000 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 |
| 5120.3 ADDITI Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal | LS LS CY LS | All Reqd All Reqd 370 All Reqd | \$26,755 \$15,000 \$70 \$25,000 | \$26,755 \$15,000 \$25,900 \$25,000 \$484,200 | \$595,000 \$20,000 \$200 \$50,000 | \$595,000 \$20,000 \$74,000 \$50,000 \$355,080 | \$135,000 \$11,000 \$105 \$26,000 | \$135,000 \$11,000 \$38,850 \$26,000 |
| 5120.3 ADDITI Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE | LS LS CY LS | All Reqd All Reqd 370 All Reqd | \$26,755 \$15,000 \$70 \$25,000 | \$26,755 \$15,000 \$25,900 \$25,000 \$484,200 | \$595,000 \$20,000 \$200 \$50,000 | \$595,000 \$20,000 \$74,000 \$50,000 \$355,080 | \$135,000 \$11,000 \$105 \$26,000 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 |
| 5120.3 ADDITTI Item 1505.1-A 2060.1-A 2005.1-A 2702.1-A 2881.1-A ADDITTI Item | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES | LS LS CY LS CY | All Reqd All Reqd 370 All Reqd 16,140 | \$26,755 \$15,000 \$70 \$25,000 \$30 | \$26,755 \$15,000 \$25,900 \$25,000 \$484,200 \$576,855 | \$595,000 \$20,000 \$200 \$50,000 \$22 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 | \$135,000 \$11,000 \$105 \$26,000 \$50 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A 205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description | LS LS CY LS CY Units | All Reqd All Reqd 370 All Reqd 16,140 Quantity | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount | \$595,000 \$20,000 \$200 \$50,000 \$22 Unit Cost | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 Amount | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 Amount |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A 205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.1-B | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization | LS LS CY LS CY Units LS | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd | \$26,755 \$15,000 \$25,000 \$30 Unit Cost \$36,200 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 | \$595,000 \$20,000 \$200 \$50,000 \$22 Unit Cost \$1,000 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 Amount \$1,000 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 Amount \$42,200 \$152,000 |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A 205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.1-B 2996.2-B | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode | LS LS CY LS CY Units LS EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 | \$595,000 \$20,000 \$200 \$200 \$22 Unit Cost \$1,000 \$404 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,000 \$153,520 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 Amount \$42,200 |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A 2205.1-A 2205.1-A 2702.1-A 2881.1-A ADDITIV Item 1505.1-B 2996.1-B 2996.2-B | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode | LS LS CY LS CY Units LS EA EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 | \$595,000 \$20,000 \$200 \$222 Unit Cost \$1,000 \$404 \$440 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,004,080 \$1,000 \$153,520 \$167,200 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$1,017,850 \$42,200 \$152,000 \$275,500 |
| 5120.3 ADDITI' Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITI' Item 1505.1-B 2996.1-B 2996.3-B | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE | LS LS CY LS CY Units LS EA EA LS | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 | \$595,000 \$20,000 \$200 \$222 Unit Cost \$1,000 \$404 \$440 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,000 \$153,520 \$167,200 \$50,000 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$1,017,850 \$12,000 \$152,000 \$275,500 \$1,200 |
| 5120.3 ADDITI' Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITI' Item 1505.1-B 2996.2-B 2996.3-B | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & 1 | LS LS CY LS CY Units LS EA EA LS DREDGIN(| All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 | \$595,000 \$20,000 \$200 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,094,080 \$1,000 \$153,520 \$167,200 \$50,000 \$371,720 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$1,017,850 \$42,200 \$152,000 \$152,000 \$1,200 \$470,900 |
| 5120.3 ADDITI'I 1505.1-A 2060.1-A 205.1-A 2702.1-A 2881.1-A ADDITI'I 1505.1-B 2996.2-B 2996.3-B 2996.3-B ADDITI'I 1tem | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description | LS LS CY LS CY Units EA EA LS DREDGING Units | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 | \$595,000 \$20,000 \$200 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 Unit Cost | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,000 \$153,520 \$167,200 \$50,000 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$1,017,850 \$152,000 \$152,000 \$275,500 \$1,200 |
| 5120.3 ADDITI' Item 1505.1-A 2060.1-A 205.1-A 2702.1-A 2702.1-A 2881.1-A ADDITI' Item 1505.1-B 2996.2-B 2996.3-B 2996.3-B ADDITI' Item 1505.1-C | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization | LS LS CY LS CY Units EA EA LS DREDGING Units LS | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G Quantity All Reqd | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 | \$595,000 \$200 \$50,000 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 Unit Cost \$1,000 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,094,080 \$153,520 \$167,200 \$50,000 \$371,720 Amount \$1,000 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost \$9,500 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$1,017,850 \$1,017,850 \$1,200 \$152,000 \$152,000 \$1,200 \$1,200 \$470,900 Amount \$9,500 |
| 5120.3 ADDITI' Item 1505.1-A 2060.1-A 205.1-A 205.1-A 2702.1-A 2881.1-A ADDITI' Item 1505.1-B 2996.3-B 2996.3-B 2996.3-B ADDITI' Item 1505.1-C 2205.1-C | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE | LS LS CY LS CY Units EA EA LS DREDGING Units LS CY | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G Quantity All Reqd 160 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 | \$595,000 \$200 \$50,000 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 Unit Cost \$1,000 \$200 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,094,080 \$1,000 \$153,520 \$167,200 \$50,000 \$371,720 Amount \$1,000 \$32,000 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost \$9,500 \$130 | \$135,000 \$11,000 \$38,850 \$807,000 \$1,017,850 Amount \$42,200 \$152,000 \$275,500 \$1,200 \$470,900 Amount \$9,500 \$20,800 |
| 5120.3 ADDITI' Item 1505.1-A 2060.1-A 205.1-A 205.1-A 2702.1-A 2881.1-A ADDITI' Item 1505.1-B 2996.3-B 2996.3-B 2996.3-B 2996.3-B 2996.3-B 2996.3-B 2096.3-C 205.1-C 205.1-C 2702.1-C | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & 1 Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE | LS LS CY LS CY Units LS EA EA LS DREDGING Units LS CY LS | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G Quantity All Reqd 160 All Reqd | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 | \$595,000 \$20,000 \$200 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 Unit Cost \$1,000 \$200 \$1,000 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,094,080 \$1,000 \$153,520 \$167,200 \$50,000 \$371,720 Amount \$1,000 \$32,000 \$1,000 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost \$9,500 \$130 \$1,000 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$1,017,850 \$1,017,850 \$1,200 \$152,000 \$1,200 \$1,200 \$1,200 \$470,900 \$470,900 \$470,900 \$20,800 \$20,800 \$1,000 |
| 5120.3 ADDITI' Item 1505.1-A 2060.1-A 205.1-A 205.1-A 2702.1-A 2881.1-A ADDITI' Item 1505.1-B 2996.2-B 2996.3-B 2996.3-B ADDITI' Item 1505.1-C 205.1-C 205.1-C 2702.1-C 2881.1-C | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal | LS LS CY LS CY Units EA EA LS DREDGING Units LS CY | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd G Quantity All Reqd 160 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 | \$26,755 \$15,000 \$25,000 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 | \$595,000 \$200 \$50,000 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 Unit Cost \$1,000 \$200 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,094,080 \$1,000 \$153,520 \$167,200 \$50,000 \$371,720 Amount \$1,000 \$32,000 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost \$9,500 \$130 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$1,017,850 \$1,017,850 \$1,200 \$275,500 \$1,200 \$470,900 Amount \$9,500 \$20,800 \$1,000 |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A 205.1-A 205.1-A 205.1-A 205.1-A 205.1-A 205.1-B 2096.2-B 2096.2-B 2096.3-B 2096.3-B 2096.3-B 2096.3-B 2096.3-B 2096.3-B 2096.3-B 2096.3-B 2096.2-C 2005.1-C 2005.1-C 2005.1-C 2005.1-C 2005.1-C 2005.1-C 2005.1-C | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Field Photos, Surveying Dredging and Disposal Field Photos, Surveying Dredging and Disposal Field Photos, Surveying Dredging and Disposal Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick | LS LS CY LS CY Units EA EA LS DREDGING Units LS CY LS CY LS CY EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 4ll Reqd 160 All Reqd 160 All Reqd 7,020 6 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,000 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$30,531 \$31,500 \$30,501 \$31,000 \$30,531 | \$595,000 \$20,000 \$200 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 Unit Cost \$1,000 \$200 \$1,000 \$11 \$23,000 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,094,080 \$153,520 \$167,200 \$371,720 \$371,720 \$371,720 \$32,000 \$32,000 \$1,000 \$32,000 \$1,000 \$77,220 \$138,000 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost \$9,500 \$130 \$1,000 \$8.30 \$26,500 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$41,017,850 \$1,017,850 \$1,200 \$152,000 \$275,500 \$12,000 \$470,900 \$470,900 \$470,900 \$1,000 \$20,800 \$1,000 \$58,266 \$159,000 |
| 5120.3 ADDITIV Item 1505.1-A 2060.1-A 205.1-A 205.1-A 205.1-A 205.1-A 205.1-A 205.1-B 2096.2-B 2096.2-B 2096.3-B 2096.3-B 2096.3-B 2096.3-B 2096.3-B 2096.3-B 2096.3-B 2096.3-B 2096.2-C 2005.1-C 2005.1-C 2005.1-C 2005.1-C 2005.1-C 2005.1-C 2005.1-C | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick | LS LS CY LS CY Units EA EA LS DREDGING Units CY LS CY LS CY LS CY LS CY | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 160 All Reqd 160 All Reqd 160 All Reqd 7,020 6 360 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,000 \$260 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$398,200 \$19,550 \$10,000 \$196,560 \$180,000 \$93,600 | \$595,000 \$20,000 \$200 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 Unit Cost \$1,000 \$200 \$1,000 \$11 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,094,080 \$153,520 \$167,200 \$371,720 \$371,720 \$371,720 \$32,000 \$32,000 \$1,000 \$77,220 \$138,000 \$61,200 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost \$9,500 \$130 \$1,000 \$8.30 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$41,017,850 \$152,000 \$152,000 \$275,500 \$1,200 \$470,900 \$4470,900 \$4470,900 \$4470,900 \$58,260 \$159,000 \$554,000 |
| 5120.3 ADDITI' 1505.1-A 2060.1-A 205.1-A 205.1-A 2702.1-A 2881.1-A ADDITI' Item 1505.1-B 2996.2-B 2996.3-B 2996.3-B 2996.3-B 2996.3-B 2996.3-B 2996.3-B 2996.3-B 2005.1-C 205.1-C 205.1-C 2896.3-C 2896.3-C 2896.4-C | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick Install Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick | LS CY LS CY Units EA EA LS DREDGING Units CY LS CY LS CY LS CY EA LF EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 160 All Reqd 160 All Reqd 7,020 6 360 2 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,000 \$260 \$22,500 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$396,500 \$10,000 \$196,560 \$180,000 \$93,600 \$45,000 | \$595,000 \$20,000 \$200 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 \$1,000 \$1,000 \$11 \$2200 \$111 \$23,000 \$1170 \$20,000 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,094,080 \$153,520 \$167,200 \$50,000 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$371,000 \$ | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost \$9,500 \$130 \$1,000 \$8.30 \$26,500 \$150 \$45,000 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$41,017,850 \$1,200 \$152,000 \$275,500 \$1,200 \$470,900 \$4470,900 \$4470,900 \$4470,900 \$4470,900 \$58,266 \$159,000 \$54,000 \$90,000 |
| 5120.3 ADDITI' 1505.1-A 2060.1-A 205.1-A 205.1-A 2702.1-A 281.1-A ADDITI' Item 1505.1-B 2996.2-B 2996.3-B 2996.3-B 2996.3-B ADDITI' 1505.1-C 2205.1-C 2702.1-C 281.1-C 2896.3-C 2896.3-C 2896.4-C 2896.7-C | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick SPIN FIN™ Pile Tip | LS CY LS CY Units LS EA EA LS DREDGING Units LS CY LS CY LS CY EA LF EA EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 160 All Reqd 160 All Reqd 7,020 6 360 2 2 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,000 \$260 \$22,500 \$5,000 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$111,200 \$10,000 \$196,560 \$180,000 \$93,600 \$45,000 \$10,000 | \$595,000 \$20,000 \$200 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 Unit Cost \$1,000 \$200 \$1,000 \$11 \$23,000 \$11 \$23,000 \$110 \$2170 \$20,000 \$1,100 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,094,080 \$153,520 \$167,200 \$50,000 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$138,000 \$1,000 \$77,220 \$138,000 \$61,200 \$40,000 \$2,200 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost \$9,500 \$130 \$1,000 \$8.30 \$26,500 \$150 \$45,000 \$3,300 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$41,017,850 \$1,200 \$1,200 \$275,500 \$1,200 \$470,900 \$4470,900 \$4470,900 \$4470,900 \$4470,900 \$1,000 \$58,266 \$159,000 \$54,0000\$54,00 |
| 5120.3 ADDITI' 1505.1-A 2060.1-A 205.1-A 205.1-A 2702.1-A 281.1-A ADDITI' Item 1505.1-B 2996.2-B 2996.3-B 2996.3-B ADDITI' 1505.1-C 205.1-C 205.1-C 2896.3-C 2896.3-C 2896.4-C 2896.7-C 2996.1-C | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick SPIN FIN™ Pile Tip Supply Anode | LS CY LS CY Units EA EA EA LS DREDGING Units CY LS CY LS CY EA LF EA EA EA EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 160 All Reqd 160 All Reqd 160 All Reqd 7,020 6 360 2 2 2 24 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,000 \$260 \$22,500 \$5,000 \$475 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$111,200 \$10,000 \$196,560 \$180,000 \$93,600 \$45,000 \$10,000 \$11,400 | \$595,000 \$20,000 \$200 \$50,000 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 \$1,000 \$1,000 \$11 \$22,000 \$11 \$22,000 \$1,100 \$404 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 Amount \$1,000 \$153,520 \$167,200 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$138,000 \$1,000 \$77,220 \$138,000 \$61,200 \$40,000 \$2,200 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost \$9,500 \$130 \$1,000 \$8.30 \$26,500 \$150 \$45,000 \$3,300 \$400 | \$135,000 \$11,000 \$38,850 \$26,000 \$807,000 \$1,017,850 \$42,200 \$152,000 \$275,500 \$1,200 \$470,900 \$4470,900 \$4470,900 \$4470,900 \$4470,900 \$4470,900 \$4470,900 \$4470,900 \$4470,900 \$4470,900 \$4470,900 \$4470,900 \$40,000 \$58,266 \$159,000 \$54,000 \$54,000 \$54,000 \$54,000 \$54,000 \$90,000 \$6,600 \$90,000 |
| 5120.3 ADDITI' Item 1505.1-A 2060.1-A 2205.1-A 2702.1-A 2881.1-A ADDITI' Item 1505.1-B 2996.2-B 2996.3-B 2996.3-B ADDITI' Item 1505.1-C 2095.1-C 2095.1-C 2896.3-C 2896.3-C 2896.3-C 2996.1-C 2996.2-C | TOTAL BASE BID PRICE VE ALTERNATE A -DREDGING EXISTING INNER HARBOR BASIN Item Description Mobilization Demolition, Salvage and Disposal Class II Armor Rock Construction Surveying Dredging and Disposal TOTAL ADDITIVE ALTERNATE A PRICE VE ALTERNATE B -PILE ANODES Item Description Mobilization Supply Anode Install Anode Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Field Photos, Continuity, Potential Readings and Report TOTAL ADDITIVE ALTERNATE B PRICE VE ALTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description Mobilization Class II Armor Rock Construction Surveying Dredging and Disposal Furnish and Install Wave Barrier Pile w/Sheetpile Wings, 24 Inch Dia. X 0.500 Inch Thick Furnish Bearing Pile, 30 Inch Dia. X 0.750 Inch Thick SPIN FIN™ Pile Tip Supply Anode Install Anode | LS LS CY LS CY Units EA EA LS DREDGING Units CY LS CY LS CY EA LF EA EA EA EA EA EA | All Reqd All Reqd 370 All Reqd 16,140 Quantity All Reqd 380 380 All Reqd 380 All Reqd 160 All Reqd 160 All Reqd 7,020 6 360 2 2 24 24 24 | \$26,755 \$15,000 \$70 \$25,000 \$30 Unit Cost \$36,200 \$475 \$425 \$20,000 Unit Cost \$30,531 \$70 \$10,000 \$28 \$30,000 \$22,500 \$22,500 \$5,000 \$475 \$425 | \$26,755 \$15,000 \$25,900 \$484,200 \$576,855 Amount \$36,200 \$180,500 \$161,500 \$20,000 \$398,200 \$398,200 \$398,200 \$398,200 \$111,200 \$10,000 \$145,000 \$145,000 \$145,000 \$140,000 \$114,000 \$114,000 \$114,000 \$114,000 \$114,000 | \$595,000 \$20,000 \$200 \$50,000 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 \$1,000 \$1,000 \$11 \$22,000 \$11 \$22,000 \$11 \$22,000 \$1,100 \$404 \$440 | \$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 Amount \$1,000 \$153,520 \$167,200 \$371,720 \$371,720 \$371,720 \$371,720 \$371,720 \$1 ,000 \$32,000 \$1,000 \$77,220 \$138,000 \$61,200 \$40,000 \$2,200 \$9,696 \$10,560 | \$135,000 \$11,000 \$105 \$26,000 \$50 Unit Cost \$42,200 \$400 \$725 \$1,200 Unit Cost \$9,500 \$130 \$1,000 \$8.30 \$26,500 \$150 \$45,000 \$3,300 \$400 \$700 | \$135,000 \$11,000 \$38,850 \$807,000 \$1,017,850 Amount \$42,200 \$152,000 \$275,500 \$1,200 \$470,900 \$400,900 \$400,9000\$400,900\$400,900\$400,900\$400\$400,900\$ |
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