

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
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	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
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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\$
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 205.1-C 205.1-C 205.1-C 2896.3-C 2896.3-C 2896.3-C 2996.2-C 2996.3-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 FUTERNATE C - ADDITIONAL WAVE BARRIER, PILE ANODES & I Item Description	LS LS CY LS CY Units EA EA LS DREDGING Units LS CY LS CY LS CY EA LF EA EA EA EA LS	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 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 \$30,000 \$22,500 \$22,500 \$5,000 \$475 \$425 \$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 \$111,200 \$10,000 \$196,560 \$180,000 \$93,600 \$45,000 \$10,000 \$11,400 \$10,200 \$1,200 \$2,000	\$595,000 \$20,000 \$200 \$22 Unit Cost \$1,000 \$404 \$440 \$50,000 \$1,000 \$1,000 \$11 \$22,000 \$1,000 \$11 \$23,000 \$1,100 \$11 \$23,000 \$1,100 \$404 \$440 \$5,000	\$595,000 \$20,000 \$74,000 \$355,080 \$1,094,080 \$1,094,080 \$153,520 \$167,200 \$371,720 \$371,720 \$371,720 \$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 \$371,720 \$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 \$371,720 \$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 	\$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 \$500	\$135,000 \$11,000 \$38,850 \$26,000 \$ 1,017,850 Amount \$42,200 \$152,000 \$275,500 \$1,200 \$470,900 \$470,900 \$470,900 \$470,900 \$470,900 \$1,000 \$58,266 \$159,000 \$54,000 \$50,000 \$54,000 \$54,000 \$54,000 \$54,000 \$50,000 \$54,000 \$50,000 \$54,000 \$50,000 \$54,000 \$50,0000\$50,0000\$
5120.3 ADDITIV 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 1505.1-C 2095.3-C 2896.3-C 2896.3-C 2996.3-C 2996.3-C 2996.3-C 2996.3-C 2996.3-C 2996.3-C 2996.3-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 Frunish 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 Field Photos, Continuity, Potential Readings and Report	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 \$100,000 \$1	\$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\$