



## CONSTRUCTION COST ESTIMATE

**PROJECT Sitka Eliason Harbor Replacement**

**JOB #: 111-26**

**Date: July 16, 2020**

**Base Bid: Replacement of Eliason Harbor Electrical Main Panels, Pedestals & Load Centers**

Labor multiplier	1.6
Labor rate	80
Materials multiplier	1.2

Material/Task	Quant	Units	Cost	Material Total	Labor	Labor Total	Subtotals
<b>Base Bid</b>							
Demo existing electrical	1	ea.	\$ 30,000.0	\$ 36,000	480	\$ 61,440	
New Electrical Service	1	ea.	\$ 50,000.0	\$ 60,000	-	\$ -	
2,000 Amp Switchboard	1	ea.	\$ 45,000.0	\$ 54,000	112.00	\$ 14,336	
4C, 4/0 cable to MDP	8500	ft.	\$ 30.0	\$ 306,000	0.07	\$ 76,160	
1,600 Amp MDP (Main Dist Panel)	1	ea.	\$ 60,000.0	\$ 72,000	112.00	\$ 14,336	
4C, 4/0 cable to LC #1	775	ft.	\$ 30.0	\$ 27,900	0.07	\$ 6,944	
Load Center #1	1	ea.	\$ 55,000.0	\$ 66,000	112.00	\$ 14,336	
4C, 4/0 cable to LC #2,3,4,5	1800	ft.	\$ 30.0	\$ 64,800	0.07	\$ 16,128	
Load Center #2&3	2	ea.	\$ 55,000.0	\$ 132,000	112.00	\$ 28,672	
Load Center #4,&5	2	ea.	\$ 40,000.0	\$ 96,000	112.00	\$ 28,672	
4C, 4/0 cable to LC #6	4000	ft.	\$ 30.0	\$ 144,000	0.07	\$ 35,840	
Load Center #6	1	ea.	\$ 55,000.0	\$ 66,000	112.00	\$ 14,336	
60A, 208V, 3Ph Pedestal	28	ea.	\$ 5,300.0	\$ 178,080	8.00	\$ 28,672	
30A,120V/50A,208V 1Ph Ped	56	ea.	\$ 2,800.0	\$ 188,160	8.00	\$ 57,344	
30A,120V 1Ph Ped	55	ea.	\$ 2,200.0	\$ 145,200	8.00	\$ 56,320	
Grounding	1	ea.	\$ 2,000.0	\$ 2,400	120	\$ 15,360	
Uplands Civil	1	ea.	\$ 50,000.0	\$ 60,000	125	\$ 16,000	
Drive Down Float Modifications	1	ea.	\$ 60,000.0	\$ 72,000	250	\$ 32,000	
Addl. floatation for peds & LC	1	ea.	\$ 300.0	\$ 360	4	\$ 512	
Float structural mods for MDP	1	ea.	\$ 15,000.0	\$ 18,000	40	\$ 5,120	
Lighting	110	ea.	\$ 1,500.0	\$ 198,000	4.00	\$ 56,320	
<b>Subtotal</b>				<b>\$ 1,986,900</b>		<b>\$ 578,848</b>	<b>\$ 2,565,748</b>
<b>Profit (10%)</b>							<b>\$ 256,575</b>
<b>Total Electrical - Base Bid</b>							<b>\$ 2,822,323</b>
<b>Inflation - 10%</b>							<b>\$ 282,232</b>
<b>Contingency - 15%</b>							<b>\$ 423,348</b>
<b>Opinion of Probable Construction Cost</b>							<b>\$ 3,527,904</b>
<b>Design, Contract Administration, Construction Inspection, &amp; Other Indirect Costs - 20%</b>							<b>\$ 705,581</b>
<b>Total Recommended Project Cost</b>							<b>\$ 4,233,484</b>