



CITY AND BOROUGH OF SITKA

A COAST GUARD CITY

MEMORANDUM

To: Mayor Eisenbeisz and Assembly Members

Thru: John Leach, Municipal Administrator ~~ASA~~ (Acting)

From: Melissa Henshaw, Public and Government Relations Director

Date: April 5, 2023

Subject: Authorization to Apply for a Maritime Administration's Port Infrastructure Development Program Grant to support the Eliason Harbor Electrical System Replacement Project

Grant Background

Link to the FY 2023 Port Infrastructure Development Program (PIDP):

<https://www.maritime.dot.gov/office-port-infrastructure-development/port-and-terminal-infrastructure-development/2019-port-1>

This is a port and intermodal improvement program to improve the safety, efficiency, or reliability of the movement of goods through ports and intermodal connections to ports. The Infrastructure Investment and Jobs Act and Consolidated Appropriations Act 2023 appropriated a total of \$662.2 million for FY 2023.

Funds for the PIDP are to be awarded as discretionary grants on a competitive basis for projects that support the program objectives: 1) achieving safety, efficiency, or reliability improvements 2) supporting economic vitality at the regional or national level; 3) leveraging federal funding to attract non-federal sources of infrastructure investment; and 4) port resilience with the following selection considerations: climate change and sustainability; equity and Justice40; and workforce development, job quality, and wealth creation.

PIDP Grant key factors:

- PIDP Grant applications are due April 28, 2023.
- There is no minimum award nor maximum.
- No more than 25% will be awarded to any one state.
- 25% of the funds are reserved for small projects and small ports.
- Only one application is allowed.
- Funds are to be obligated by September 30, 2026, and expended within five years of obligation.

Project Background

Eliason Harbor, once referred to as New Thomsen Harbor, was designed by the Alaska Department of Transportation and Public Facilities and constructed in two phases beginning in 1996 and completed in 1999. The electrical system has reached the end of its life. The main feeder cable to the harbor has failed multiple times, in each case requiring Harbor, Electric, Fire, and Police Departments response and even resulting in a small fire on the main float.

The scope of work for this project includes the replacement of the components of the harbor which are in the worst condition: main service equipment, main distribution panelboard and load centers on the floats, and main cables between these components and the new pedestals. Materials and components included are proven to have a long service life in a marine environment. Modifications to the floats will allow the cables to have proper bending radii and chafe protection.

This project is included in the [Sitka Harbor System Master Plan](#) – and the assembly has already approved appropriations totaling \$5.1 million, though paying for this project from working capital is significant burden on the fund. It is a [FY2024 Legislative Priority](#) and is supported by the [Sitka's Strategic Plan 2022-2027](#) goal 4: Plan and invest in sustainable infrastructure for future generations, specifically 4.1: Identify and pursue funding to address existing capital needs and deferred maintenance. In progress is a Sitka Harbor Facilities Condition Assessment that includes an Eliason Harbor electrical inspection.

Fiscal Note

Estimated Project Cost:

\$4,711,399 amount requested

\$1,177,850 20% match

\$5,899,249 total

If funded, the infrastructure improvements will be accounted for within the Harbor Department Enterprise Fund as a capital project.

The 20% match commitment of \$1,177,850 for the Eliason Harbor Electrical replacement will come from the Harbor Fund and has already been appropriated for the project. Should this grant be approved, over \$4 million will be freed up.

Recommendation

Approve this resolution authorizing the Municipal Administrator to apply for a PIDP 2023 Grant with the Department of Transportation (DOT) for \$4,711,399 with a 20% match commitment to support reconstruction of the electrical system for Eliason Harbor.

CITY AND BOROUGH OF SITKA

RESOLUTION NO. 2023-12

A RESOLUTION OF THE CITY AND BOROUGH OF SITKA (CBS) AUTHORIZING THE MUNICIPAL ADMINISTRATOR TO APPLY FOR A MARITIME ADMINISTRATION DEPARTMENT OF TRANSPORTATION PORT INFRASTRUCTURE DEVELOPMENT PROGRAM (PIDP) GRANT FOR \$4,711,399 WITH A 20% MATCH COMMITMENT TO SUPPORT THE ELIASON HARBOR ELECTRICAL SYSTEM REPLACEMENT PROJECT

WHEREAS, the working waterfront at Eliason Harbor serves Sitka with moorage, tidal grid, gear work floats, and drive-down load/unloading zones that accommodates up to 242 permanently moored vessels and has averaged approximately 323 unique transient vessels in a given year including commercial fishing, recreation, and charter vessels; and

WHEREAS, the National Oceanic and Atmospheric Administration (NOAA) records show Sitka was ranked 16th port in the U.S. for millions of pounds landed in 2021 with 78.5 million pounds and 14th for U.S. dollars in the same year with \$73.4 million, and ranked 7th port among Alaska ports reporting landings and value in the U.S.; and

WHEREAS, the fishing industry is an important component in this community and furthermore, the capability to have a working waterfront to move product and conduct business is essential; and

WHEREAS, in July 2020 an inspection report of the electrical system stated that the infrastructure had continued to deteriorate from the poor condition in 2018, the harbor was so far past its service life that portions are unserviceable due to severe corrosion; and

WHEREAS, the Maritime Administration, announced a PIDP 2023 grant opportunity; and

WHEREAS, the CBS proposes a \$5,899,249 project to replace the Eliason Harbor electrical system.

NOW, THEREFORE, BE IT RESOLVED by the Assembly of the City and Borough of Sitka to authorize the CBS Municipal Administrator to apply for a Maritime Administration's PIDP 2023 grant for \$4,711,399 with a 20% CBS match commitment of \$1,177,850 for a total project cost of \$5,899,249.

PASSED, APPROVED, AND ADOPTED by the Assembly of the City and Borough of Sitka, Alaska on this 11th day of April 2023.

Steven Eisenbeisz, Mayor

ATTEST:

Sara Peterson, MMC
Municipal Clerk

1st and final reading: 4/11/2023

Sponsor: Administrator



CONSTRUCTION COST ESTIMATE

PROJECT Sitka Eliason Harbor Replacement

JOB #: 111-26

Date: 3/23/2023

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

Labor multiplier	1.6
Labor rate	85
Materials multiplier	1.2

Material/Task	Quant	Units	Cost	Material Total	Labor	Labor Total	Subtotals
Base Bid							
Demo existing electrical	1	ea.	\$ 15,000	\$ 18,000	360	\$ 48,960	
New Electrical Service	1	ea.	\$ 65,000	\$ 78,000	24.00	\$ 3,264	
2KA & 1.6KA SWBs NEMA 3R	1	ea.	\$ 550,000	\$ 660,000	160.00	\$ 21,760	
4C, 4/0 cable to MDP	8500	ft.	\$ 46	\$ 469,200	0.07	\$ 80,920	
GFPE Relays, CTs, SS Boxes	3	ea.	\$ 25,000	\$ 90,000	16.00	\$ 6,528	
4C, 4/0 cable to LC #1	775	ft.	\$ 46	\$ 42,780	0.07	\$ 7,378	
Load Center #1	1	ea.	\$ 50,000	\$ 60,000	80.00	\$ 10,880	
4C, 4/0 cable to LC #2,3,4,5	1800	ft.	\$ 46	\$ 99,360	0.07	\$ 17,136	
Load Center #2&3	2	ea.	\$ 45,000	\$ 108,000	80.00	\$ 21,760	
Load Center #4&5	2	ea.	\$ 40,000	\$ 96,000	80.00	\$ 21,760	
4C, 4/0 cable to LC #6	4000	ft.	\$ 46	\$ 220,800	0.07	\$ 38,080	
Load Center #6	1	ea.	\$ 50,000	\$ 60,000	80.00	\$ 10,880	
60A, 208V, 3Ph Pedestal	28	ea.	\$ 4,000	\$ 134,400	8.00	\$ 30,464	
30A, 120V/50A, 208V 1Ph Ped	56	ea.	\$ 3,000	\$ 201,600	8.00	\$ 60,928	
30A, 120V 1Ph Ped	55	ea.	\$ 3,000	\$ 198,000	8.00	\$ 59,840	
Pedestal Spare Parts	1	ea.	\$ 15,000	\$ 18,000	-	\$ -	
Grounding	1	ea.	\$ 5,000	\$ 6,000	120	\$ 16,320	
Uplands Civil	1	ea.	\$ 75,000	\$ 90,000	125	\$ 17,000	
Drive Down Float Modifications	1	ea.	\$ 75,000	\$ 90,000	250	\$ 34,000	
Addl. floatation for peds & LC	1	ea.	\$ 350	\$ 420	4	\$ 544	
Float structural mods for MDP	1	ea.	\$ 20,000	\$ 24,000	40	\$ 5,440	
Lighting	110	ea.	\$ 1,750	\$ 231,000	4.00	\$ 59,840	
Subtotal				\$ 2,995,560		\$ 573,682	\$ 3,569,242
Profit (10%)							\$ 356,924
Total Electrical - Base Bid							\$ 3,926,166
Inflation - 10%							\$ 392,617
Contingency - 15%							\$ 588,925
Opinion of Probable Construction Cost							\$ 4,907,708
Design, Contract Administration, Construction Inspection, & Other Indirect Costs - 20%							\$ 981,542
Total Recommended Project Cost							\$ 5,889,249