

**FY2022 Consolidated Appropriations Act Projects
EPA-CEP-01**

PROJECT WORKPLAN AND NARRATIVE

Project Title: Aalax Landfill Development

Grantee Information:

- Grantee (Organization) Name: City of Saint Paul, Alaska
- Address (Street, City, State, Zip): PO Box 901, Saint Paul Island, Alaska 99660
- Office Phone and Fax Numbers: 907-546-3100 (Main); 907-341-3994; 866-570-9745 (Fax)
- Contact Name, Email address: Phillip A. Zavadil, City Manager; pazavadil@stpaulak.com
- DUNS number: 121537526
- SAM Unique Identifier: F9NRLCANGSE4

Short Project Description: The Aalax Landfill Development project will develop a new landfill at the Aalax site near Polovina Hill, which will include new landfill cells, fencing, signage, equipment building, access road and purchase of equipment for solid waste management including new burn boxes, heavy equipment, and drop boxes. Additionally, the City will update its solid waste management plan and operations manual.

Place of Performance (where the project will occur): Saint Paul Island, Alaska.

Period of Performance (timeframe during which the project will occur): August 1, 2023 – September 30, 2025.

Section 1. Project Summary and Overall Approach

A. PROJECT SUMMARY

B. TIMELINE AND MILESTONES

Task #	Task or Milestone Description	Completion Date
1	Procurement	8/31/23
2	Shipping of Equipment and Supplies	4/30/24
3	Site Grading	5/31/24
4	Road Improvements	6/31/24
5	Install Fencing, Gate and Signage	7/31/24
6	Equipment Building Foundation Work	7/31/24
7	Erect Equipment Building and Burn Box	8/30/24
8	Update Solid Waste Management Plan	8/31/25
9	Grant Closeout	9/30/25

C. BUILD AMERICA, BUY AMERICA

The Project is expected to be in compliance with BABA. Most of the equipment and supplies being purchased for the project are rolling stock, which is exempt from BABA. Per email correspondence with manufacturers and vendors of the fencing and burn boxes, they all comply with BABA. The Project does not apply under the EPA’s blanket waivers. Therefore, the City may request a Project Specific waiver if it becomes apparent that abiding by BABA will result in the cost of the project being increased by 25% or more, or if the delay of procurement will result in the project being delayed by 6 or more months.

D. JOINT PERFORMANCE EVALUATION PROCESS

Within 30 days of the end of each fiscal quarter (*or semi-annually, if approved by your Project Officer*), the grantee will submit a performance report detailing the accomplishments toward the completion of workplan commitments, discussing the work performed for all workplan components, and identifying any challenges that could affect or delay project completion. This evaluation process will help to ensure that the grant is being administered properly and that work conducted under the grant is in accordance with approved workplan.

E. EPA ROLES AND RESPONSIBILITIES

This assistance agreement is funded as a grant. EPA will have no substantial involvement in the accomplishment of workplan commitments. EPA will monitor progress and provide technical assistance as needed to ensure project completion.

Section 2. Community Engagement, Benefits, and Partnerships

- A. COMMUNITY ENGAGEMENT** – The City will engage the community on this project by providing updates during city council meetings. City council meetings are aired live on our local radio station and meeting materials are also available on the City’s website at www.stpaulak.com. Additionally, the City will create a special edition of our BeringS newsletter upon project completion to inform the community of the new landfill and how it was developed. We will also focus on waste reduction practices in engagements with community members.
- B. BENEFITS TO THE COMMUNITY** – A new landfill has been envisioned for years. A new site has been dedicated for the landfill. This project is essential to meet the basic health and sanitation needs of the community of Saint Paul Island. Saint Paul Island is an important fishing port in the Bering Sea and therefore a proper landfill is critical for the needs of the Bering Sea Commercial fisheries. In addition, with its sensitive environmental and abundant marine wildlife it is critical that the community and fishing industry have a landfill that will protect the important surrounding ecosystem. The goal is to move the solid waste management facility from the south end of the runway to the new Polovina site to reduce the environmental impacts on the land and residents and improve upon waste management practices at the new site.
- C. COMMUNITY PARTNERSHIPS** – City will develop a partnership with 3 Tiers Alaska and the Bering Sea Campus for the survey portion of this project. The partnership will involve contracting a surveyor with 3 Tiers Alaska to come out to survey the landfill site for grading and perform grade checks as the grading work is happening. The surveyor will show City staff and students of the Bering Sea Campus surveying techniques and how to check for grade.

Section 3. Environmental Results and Project Sustainability

A. EXPECTED OUTCOMES:

Short-Term Outcomes: Expected short-term outcomes from this project focus on expanding landfill capacity. This will be achieved by moving from the old landfill to the new landfill that has more capacity.

Medium-Term Outcomes: No medium-term outcomes have been identified.

Long-Term Outcomes: Expected long-term outcomes from this project will focus on improved waste management activities and a goal of waste reduction by 5% 2030.

B. PERFORMANCE MEASURES:

Project Management and Oversight: Project management and oversight for this project will be provided by the following team:

- Phillip A. Zavadil, City Manager. Mr. Zavadil will oversee the project and supervise the staff working on the project. He will also complete the landfill permitting paperwork and revision of the solid waste management plan and operations manual.
- Stephaine Mandregan, Finance Director. Mrs. Mandregan will perform the financial reporting for this project.
- Lynn Sterbenz, Project/Grant Specialist. Mrs. Sterbenz will assist with the financial reporting and perform the progress reporting for this project.
- Caitlin Bourdukofsky, Public Works Administrative Assistant. Ms. Bourdukofsky will assist with procurement and project management for this project.

Staff and Resources: The following City staff and resources will be used on this project:

- Tim Merculieff, Landfill Operator. Mr. Merculieff, will be a lead on this project and will assist with installation of the landfill fencing, gate and signage and putting up the equipment building. Additionally, he will assist with the site grading and access road development.
- Nicolai Kozloff, Equipment Operator. Mr. Kozloff will be the lead operator on this project and will assist with site grading and access road development. Additionally, he will assist with installation of the landfill fencing, gate and signage and putting up the equipment building.
- Temporary Operators. The City will hire two additional equipment operators on a temporary basis to assist with this project.
- Temporary Laborers. The City will hire four additional laborers on a temporary basis to assist with this project.
- Below is a list of City equipment that will be used for this project:
 - CAT D6 Dozer
 - CAT 966 Loader
 - CAT 926 Loader
 - CAT 160 Grader
 - CAT 309 Excavator
 - Case Compactor
 - Case Skid Steer
 - Kenworth Dump Truck
 - Kenworth Tractor and 50 ton trailer

C. PROJECT SUSTAINABILITY:

Sustainability for this project will focus on continued operation and maintenance of the Aalax Landfill and equipment developed and purchased with this project funding. The City will update the current solid waste management plan and operations manual to reflect the new landfill location and changes to solid waste management operations. The City will focus on promoting waste reduction activities with its customers.

DETAILED BUDGET TABLE

Description	Quantity	Rate	TOTAL
Personnel			
City Manager	208	\$ 76.36	\$ 15,883
Finance Director	104	\$ 50.17	\$ 5,218
Project/Grant Specialist	208	\$ 33.57	\$ 6,983
Public Works Administrative Assistant	208	\$ 18.80	\$ 3,910
Equipment Operator	720	\$ 28.29	\$ 20,369
Temporary Equipment Operators	1920	\$ 28.29	\$ 54,317
Landfill Operator	720	\$ 25.00	\$ 18,000
Temporary Laborers	3840	\$ 25.00	\$ 96,000
TOTAL PERSONNEL			\$ 220,679
Fringe Benefits			
City Manager <i>(ESC=1.00%, SBS=6.13%, PERS=22.00%, Medicare= 1.45%)</i>	\$ 15,883	30.58%	\$ 4,857
City Manager Health Insurance	\$ 11,988	10.00%	\$ 1,199
Finance Director <i>(ESC=1.00%, SBS=6.13%, PERS=22.00%, Medicare= 1.45%)</i>	\$ 5,218	30.58%	\$ 1,596
Project/Grant Specialist <i>(ESC=1.00%, SBS=6.13%, PERS=22.00%, Medicare= 1.45%)</i>	\$ 6,983	30.58%	\$ 2,135
Public Works Administrative Assistant <i>(ESC=1.00%, SBS=6.13%, PERS=22.00%, Medicare= 1.45%)</i>	\$ 3,910	30.58%	\$ 1,196
Equipment Operator <i>(ESC=1.00%, SBS=6.13%, PERS=22.00%, Medicare= 1.45%)</i>	\$ 20,369	30.58%	\$ 6,229
Landfill Operator Health Insurance	\$ 11,988	34.62%	\$ 4,150
Temp Equipment Operators <i>(ESC=1.00%, SBS=6.13%, Medicare= 1.45%)</i>	\$ 54,317	8.58%	\$ 4,660
Landfill Operator <i>(ESC=1.00%, SBS=6.13%, PERS=22.00%, Medicare= 1.45%)</i>	\$ 18,000	30.58%	\$ 5,504
Landfill Operator Health Insurance	\$ 11,988	34.62%	\$ 4,150
Temp Laborers <i>(ESC=1.00%, SBS=6.13%, Medicare= 1.45%)</i>	\$ 96,000	8.58%	\$ 8,237
TOTAL FRINGE BENEFITS			\$ 43,912
Travel			
TOTAL TRAVEL			
Equipment			
2022 CAT 313 Excavator with attachments	1	\$ 369,391.00	\$ 369,391
2023 International CV Reg Cab 4x4 Hooklift Truck	1	\$ 155,650.00	\$ 155,650
2023 International CV Reg Cab 4x4 with New Way Refuse Body	1	\$ 195,750.00	\$ 195,750

2023 CAT 963 Track Loader	1	\$ 579,247.00	\$ 579,247
Aluminum flatbed with Rufuse Sides and Lift Gate for Ford F550	1	\$ 21,136.00	\$ 21,136
Summit Model #10 Burn Box	1	\$ 93,000.00	\$ 93,000
15 Yard Drop Boxes	10	\$ 11,314.00	\$ 113,140
525 gallon Water Trailer	1	\$ 9,495.00	\$ 9,495
City CAT D6H Dozer Rental (<i>Hourly w/Fuel</i>)	80	\$ 343.87	\$ 27,510
City Kenworth W4900 Dump Truck Rental (<i>Hourly w/Fuel</i>)	120	\$ 305.55	\$ 36,666
City Tractor and 50 Ton Trailer Rental (<i>Hourly w/Fuel</i>)	40	\$ 338.27	\$ 13,531
City CAT 966 Loader Rental (<i>Hourly w/Fuel</i>)	80	\$ 378.87	\$ 30,310
City CAT 926 Loader Rental (<i>Hourly w/Fuel</i>)	60	\$ 286.39	\$ 17,183
City CAT 160 Grader Rental (<i>Hourly w/Fuel</i>)	60	\$ 265.93	\$ 15,956
City Case Compactor Rental (<i>Hourly w/Fuel</i>)	60	\$ 52.87	\$ 3,172
City 2 ea 1/2 Ton Truck Rental (<i>Hourly w/Fuel</i>)	1280	\$ 121.48	\$ 155,494
City Case Skid Steer Rental (<i>Hourly w/Fuel</i>)	120	\$ 84.51	\$ 10,141
City CAT 309 Excavator Rental (<i>Hourly w/Fuel</i>)	120	\$ 133.92	\$ 16,070
TOTAL EQUIPMENT			\$ 1,862,842
Supplies			
Fencing and Gate	1	\$ 41,082.33	\$ 41,082
Concrete Sauna Tubes 16"	24	\$ 5.98	\$ 144
Concrete Sauna Tubes 12"	960	\$ 3.60	\$ 3,456
Rebar	6	\$ 8.84	\$ 53
ICF Concrete Forms	1	\$ 690.38	\$ 690
Concrete	41	\$ 313.80	\$ 12,866
2 Yard Dumpsters	6	\$ 1,010.00	\$ 6,060
Scoria Purchase from TDX (cubic yard)	8000	\$ 6.00	\$ 48,000
D1 Purchase from ACSPI (cubic yard)	2400	\$ 60.00	\$ 144,000
Restricted Area Signage	12	\$ 15.00	\$ 180
Aalax Landfill Sign	1	\$ 45.00	\$ 45
Landfill Building Kit 24' x 40'	1	\$ 85,030.00	\$ 85,030
TOTAL SUPPLIES			\$ 341,606
Contractual			
Surveyor Contractor	1	\$ 60,940.00	\$ 60,940
Assembly of Burn Boxes and Training	2	\$ 3,000.00	\$ 6,000

TOTAL CONTRACTUAL			\$ 66,940
Other			
Housing for Contractors (1 unit x 2 months)	2	\$ 4,040.20	\$ 8,080
Shipping of Excavator	1	\$ 34,500.00	\$ 34,500
Shipping of Hooklift Truck	1	\$ 25,000.00	\$ 25,000
Shipping of Refuse Trck	1	\$ 30,000.00	\$ 30,000
Shipping of Track Loader	1	\$ 45,000.00	\$ 45,000
Shipping of Drop Boxes and Dumpsters	1	\$ 14,300.00	\$ 14,300
Shipping of Burn Box	1	\$ 33,950.00	\$ 33,950
Shipping of Water Trailer	1	\$ 6,596.53	\$ 6,597
Shipping of Flatbed	1	\$ 6,754.37	\$ 6,754
Shipping of Building and Fencing Supplies	1	\$ 40,000.00	\$ 40,000
Shipping of Concrete Supplies	1	\$ 47,000.00	\$ 47,000
Project Contingency	1	\$ 172,839.00	\$ 172,839
TOTAL OTHER			\$ 464,020
Indirect Costs			
			\$ -
TOTAL INDIRECT COSTS			\$ -
TOTAL PROJECT COST			\$ 3,000,000