



# North Slope Borough Assembly Capital Improvements Program

Ordinance 2025-10  
June 4 & 5, 2025

# North Slope Borough

## DEPARTMENT OF PLANNING AND COMMUNITY SERVICES

P.O. Box 69  
Utqiagvik, AK 99723  
(907) 852-0320  
Email : chastity.olemaun@north-slope.org



Chastity Olemaun, Director

**To:** Josiah Aullaqsruaq Patkotak, Mayor  
**Thru:** Vernon Edwardsen, CAO  
**Thru:** Roxanne Rohweder, Acting Borough Attorney *RR*  
**From:** Chastity Olemaun, Director Planning & Community Services *CO*  
**Date:** April 18, 2025  
**Subject:** Submittal for Assembly Approval, CIP Ordinance 2025-10

RECEIVED  
NSB MAYOR'S OFFICE

APR 18 2025

ML # 79142

Pursuant to North Slope Borough Municipal Code § 19.30.050 (B)-Planning Commission Powers and Duties: *Review of the Capital Improvements Program*. The Planning Commission shall annually review the capital improvements program of the Borough and submit its recommendations thereon to the Assembly. The Mayor shall submit the proposed capital improvements program to the Assembly prior to June 15<sup>th</sup>, 2025.

The Department of Planning and Community Services has prepared CIP Ordinance 2025-10 with coordinated effort between Departments of CIPM, Finance, Public Works, and all requesting entities, along with a review and recommendation from the Project Review Committee and a Resolution of Recommendation (Resolution 2025-06) from the Planning Commission for your consideration. The Total Recommendation for General Obligation Bond funding is \$200,000,000.

Enclosed with this memo is the submittal for CIP Ordinance 2025-10 scheduled under Assembly Workshop Meeting on June 4, and Special Assembly Meeting on June 5, 2025. With your approval, documents will be forwarded to the NSB Clerk's Office for placement on the agenda. Thank you for your consideration of this request and if you should have questions and/or comments, please call me at extension 5401.

APPROVED:

Josiah Patkotak, Mayor

Date

*4/18/25*

DISAPPROVED:

\_\_\_\_\_  
Josiah Patkotak, Mayor

\_\_\_\_\_  
Date

cc: Beverly Eliason, Director of Finance  
Bernadette Adams, Director of CIPM  
Scott Danner, Director of Public Works

# North Slope Borough Assembly Capital Improvement Program

## Ordinance 2025-10

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**North Slope Borough Assembly**

**Crawford Patkotak, Assembly President District A-3C Barrow**

<b>Trina Paul, Vice President</b>	<b>District A-3D</b>	<b>Barrow</b>	<b>Douglas Whiteman</b>	<b>District A-5</b>	<b>Atqasuk &amp; Point Lay</b>
<b>Joseph I. Ahmaogak</b>	<b>District A-2</b>	<b>Wainwright</b>	<b>Frederick F. Brower</b>	<b>District A-3E</b>	<b>Barrow</b>
<b>Michael Q. Donovan</b>	<b>District A-3F</b>	<b>Barrow</b>	<b>Thomas K. Napageak</b>	<b>District A-4</b>	<b>Nuiqsut</b>
<b>Eva Kinneveauk</b>	<b>District A-1</b>	<b>Point Hope</b>	<b>Avaiyak Burnell</b>	<b>District A-3A</b>	<b>Barrow</b>
<b>Martin Q. Edwardsen</b>	<b>District A-3B</b>	<b>Barrow</b>	<b>Carla J. SimsKayotuk</b>	<b>District A-6</b>	<b>Kaktovik &amp; Anaktuvuk Pass</b>

**Josiah Aullaqsruaq Patkotak, North Slope Borough Mayor**

**Vernon A. Edwardsen, CAO**

<b>Fadil Limani, Finance</b>	<b>Bernadette Adams, CIPM</b>	<b>Jeff Brown, Police Chief</b>
<b>Scott Evans, Administration</b>	<b>Anthony Neakok, Fire Chief</b>	<b>Scott Danner, Public Works</b>
<b>Roxanne Rohweder, Acting Attorney</b>	<b>Lynette Hepa, Health</b>	<b>Heather Q. Dingman, SAR</b>
<b>Sheila Burke, Clerk</b>	<b>Patricia Patkotak, Human Resources</b>	<b>Taqulik Hepa, Wildlife</b>
<b>Scott Evans, Port Authority</b>	<b>Chastity Olemaun, Planning</b>	<b>Thomas F. Leavitt, IHLC</b>
<b>Jack Frantz, Housing</b>	<b>Jason Brune, Environmental Management</b>	<b>Angela Cox, Government Affairs</b>

**Agenda**

**North Slope Borough Assembly**

**Workshop**

**June 4, 2025 @ 9:00 a.m.**

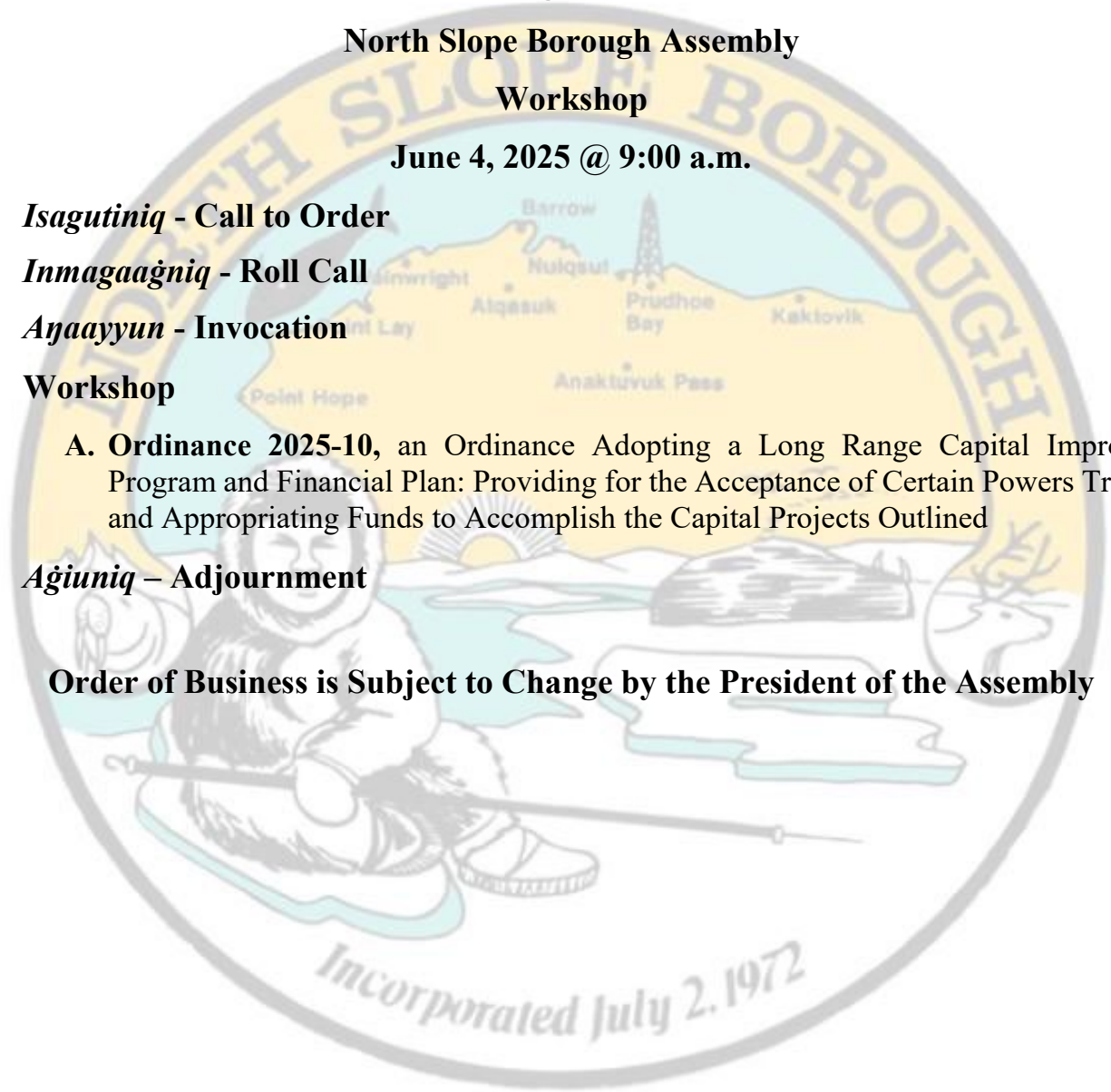
- 1) ***Isagutiniq* - Call to Order**
- 2) ***Inmagaagniq* - Roll Call**
- 3) ***Aᅇaayyun* - Invocation**
- 4) **Workshop**

May 6, 2025

**A. Ordinance 2025-10**, an Ordinance Adopting a Long Range Capital Improvements Program and Financial Plan: Providing for the Acceptance of Certain Powers Transferred and Appropriating Funds to Accomplish the Capital Projects Outlined

- 5) ***Aᅇiunig* – Adjournment**

**Order of Business is Subject to Change by the President of the Assembly**



**North Slope Borough Assembly**  
**Crawford Patkotak, Assembly President District A-3C Barrow**

<b>Trina Paul, Vice President</b>	<b>District A-3D</b>	<b>Barrow</b>	<b>Douglas Whiteman</b>	<b>District A-5</b>	<b>Atkasuk &amp; Point Lay</b>
<b>Joseph I. Ahmaogak</b>	<b>District A-2</b>	<b>Wainwright</b>	<b>Frederick F. Brower</b>	<b>District A-3E</b>	<b>Barrow</b>
<b>Michael Q. Donovan</b>	<b>District A-3F</b>	<b>Barrow</b>	<b>Thomas K. Napageak</b>	<b>District A-4</b>	<b>Nuiqsut</b>
<b>Eva Kinneeveauk</b>	<b>District A-1</b>	<b>Point Hope</b>	<b>Avaiyak Burnell</b>	<b>District A-3A</b>	<b>Barrow</b>
<b>Martin Q. Edwardsen</b>	<b>District A-3B</b>	<b>Barrow</b>	<b>Carla J. SimsKayotuk</b>	<b>District A-6</b>	<b>Kaktovik &amp; Anaktuvuk Pass</b>

**Josiah Aullaqsruaq Patkotak, North Slope Borough Mayor**  
**Vernon A. Edwardsen, CAO**

<b>Fadil Limani, Finance</b>	<b>Bernadette Adams, CIPM</b>	<b>Jeff Brown, Police Chief</b>
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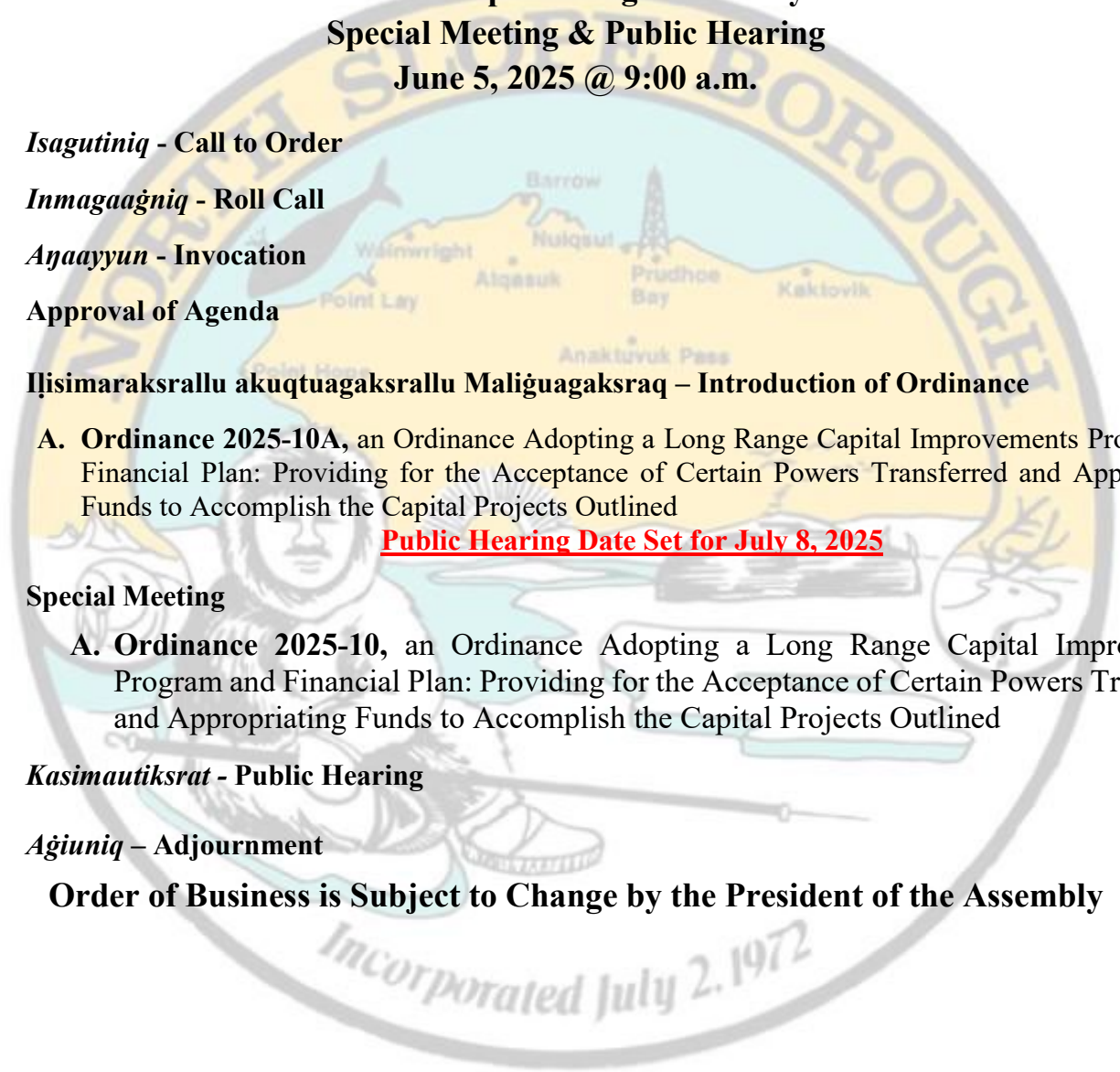
**Agenda**

**North Slope Borough Assembly**  
**Special Meeting & Public Hearing**  
**June 5, 2025 @ 9:00 a.m.**

1. *Isagutiniq* - Call to Order
2. *Inmagaǵniq* - Roll Call
3. *Aṅaayyun* - Invocation
4. Approval of Agenda
5. **Iḷisimaraksrallu akuqtuagaksrallu Maliǵuagaksraq – Introduction of Ordinance**
  - A. **Ordinance 2025-10A**, an Ordinance Adopting a Long Range Capital Improvements Program and Financial Plan: Providing for the Acceptance of Certain Powers Transferred and Appropriating Funds to Accomplish the Capital Projects Outlined  
**Public Hearing Date Set for July 8, 2025**
6. **Special Meeting**
  - A. **Ordinance 2025-10**, an Ordinance Adopting a Long Range Capital Improvements Program and Financial Plan: Providing for the Acceptance of Certain Powers Transferred and Appropriating Funds to Accomplish the Capital Projects Outlined
7. *Kasimautiksrat* - Public Hearing
8. *Aǵiuniq* – Adjournment

**Order of Business is Subject to Change by the President of the Assembly**

May 6,  
2025



# North Slope Borough Planning & Community Services

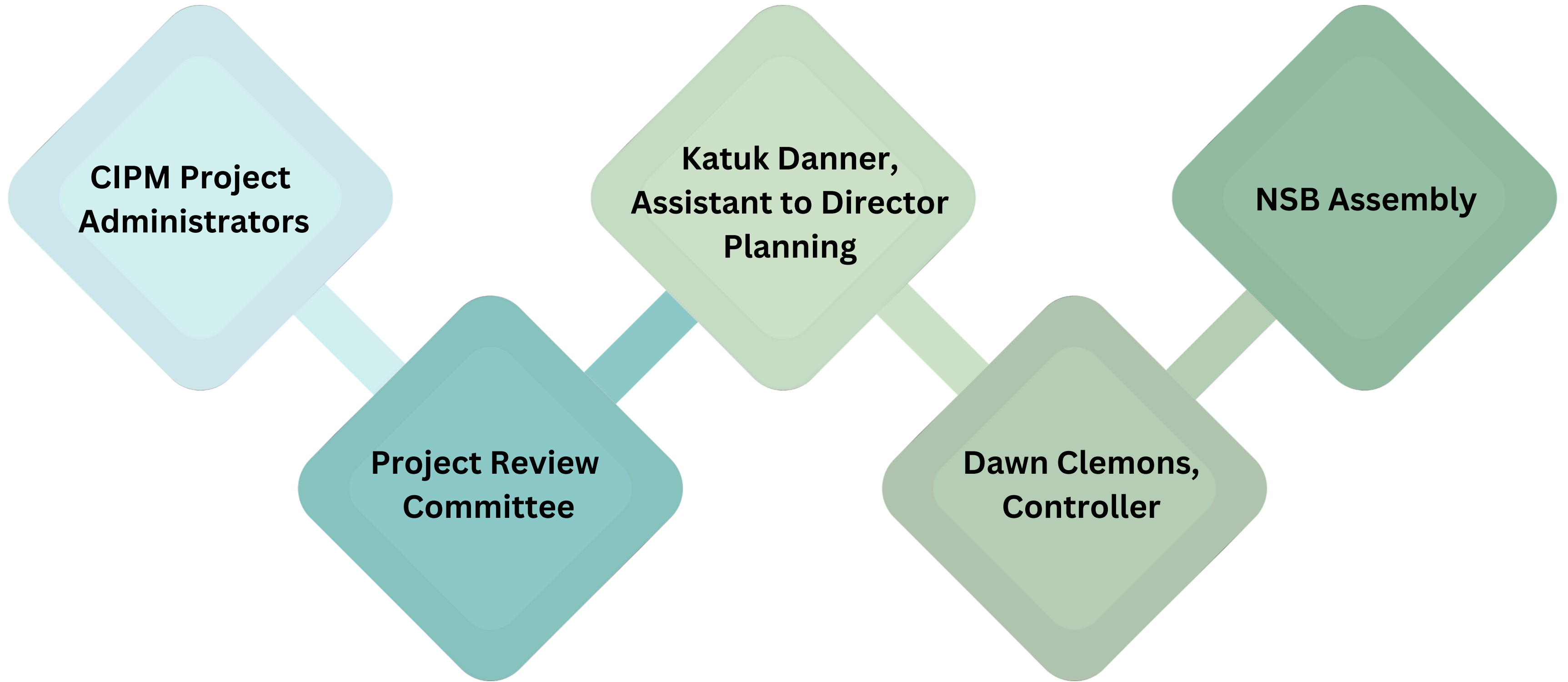


## Capital Improvement Program Community Presentation



# NSBMC Title 19.30.040

“(B)Review of the Capital improvements program. The Planning Commission shall annually review the capital improvements program of the Borough and submit its recommendations thereon to the Assembly. The Mayor shall submit the proposed capital improvements program to the Commission a reasonable period in advance of the annual budget review.”



# Project Request Forms



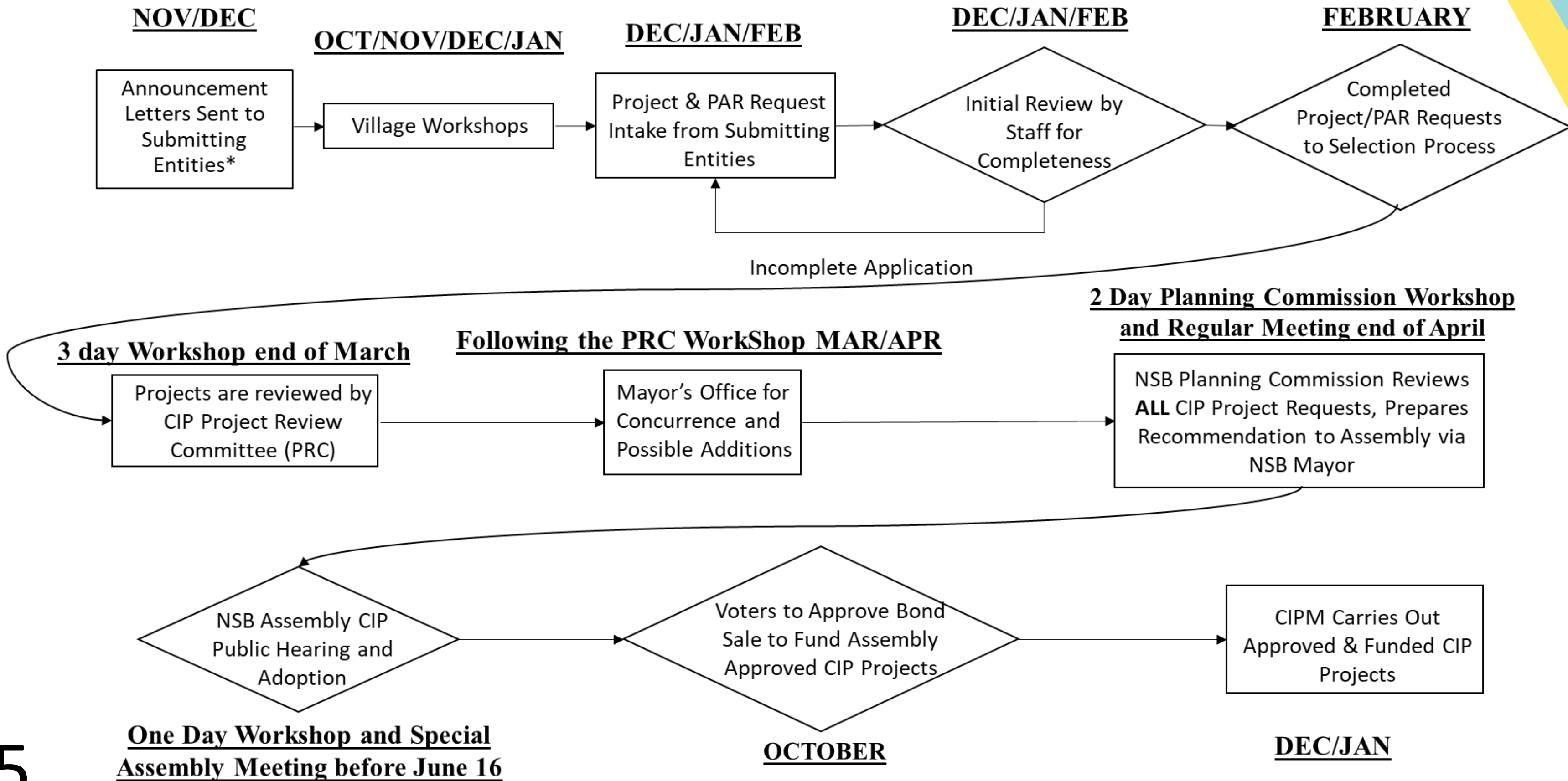
Email: [CIP@north-slope.org](mailto:CIP@north-slope.org)

By January 30th of every year, the NSB Planning Department will need your resolution for Project Request Funding. The resolutions are for consideration in the annual budget. These funds are for projects that will not start until after January 1 of the following year, in November, GO Bond funds close and the Assembly process takes over a month with introduction and the ordinance goes before the NSB Assembly for consideration by June 15th and funds become available after bond closure in November.



# North Slope Borough

## Annual New CIP Project Submittal and Selection Process



# Examples of capital improvements listed in Alaska case law:

- Streets
- Bridges
- Wharves and harbor facilities
- Sewers and sewage-disposal plants
- Municipal buildings
- Schools
- Libraries
- Gymnasia and Athletic fields
- Fire houses
- Public utilities
- Off-street parking facilities



# Examples



## Permitted

- School bus renovation
- Surveying/Platting costs in connection with public roads in a new development
- Costs of consultants to plan projects
- Manufacturer's warranty package purchased contemporaneously with asset
- Cost of rig mats purchase for road upgrade

## Not Permitted

- Tire replacement on construction equipment
- Barging digger truck to new location
- Purchase of bottled water while with facility repaired
- Temporary waste heat lines
- Demolition of pipeline where no asset is put in its place (e.g. marine header project)
- Personal Protective Equipment

# What are costs of an improvement that qualify?

- Surveying
- Designing
- Planning
- Acquiring
- Transporting construction materials
- Constructing





# What about cost improvement to property not owned by the Borough?

- Absolute prohibition
- Must be for the direct ownership, use and benefit of the Borough
- Or on property leased or with an easement for the useful life of the asset to the Borough
- Triggers constitutional and other legal concerns
- Case of Juneau v. Hixon, 373 P.2d 743: GO bond financed the improvements must remain the property of the Borough, including title and full public use.
  - If it is not for the direct ownership, use and benefit of the Borough, ***doesn't matter if the improvement would remain in the Borough and directly improve the welfare and prosperity of the residents.***



## Courts and Attorney General have concluded the following are NOT capital improvements:

- Acquisition of land for donation for a capitol.
- Acquisition of real or personal property where benefit would not accrue to the governmental entity.
- Repairing existing facilities and maintain roads.

# Project Request Form and Justification/Change Forms



- “Repair” and “paint” shows up in Justification/Change Forms
  - Repairs not OK, paint OK if in connection with constructing a new project.
- The following are not supported for applying GO proceeds to repairs/expenses:
  - Doesn’t matter that the cost is not in the budget
  - Doesn’t matter if resolves emergency needs
  - Doesn’t matter that the cost is expensive
- The standard is not that it will benefit infrastructure, it must be a capital improvement.

# Management Costs



**Yes - if directly relate to the production of an improvement**

- Planning
- Designing
- Considering options

**No - if general training or management unrelated to an asset**

- General efficiency training
- Continuing education/professional development
- General organizational or process of changes/improvements, evaluations
- How to plan or design projects without being related to the production of a specific project

# Other Funding Opportunities:



- NPRA Grants (City office has first priority before NSB; this eliminates the double project funding requests)
- EIAP (NSB Mayor's Office) - Martina Hopson
- State/Federal Funding (i.e. Murkowski's Office, CAPSIS, HSS, DOT, Grants.gov - you must register your entity)
- ANTHC - Max Neale, email: mdneale@anthc.org, (907) 729-4521
  - <https://www.anthc.org/what-we-do/climate-initiatives/center-for-environmentally-threatened-communities/>
- Denali Commission - Liza Mack, Village Infrastructure Program Manager, email: lmack@denali.gov, (907) 271-5217
- Tribal Office (utilize government to government relations)
- ASCF - Patuk Glenn, email: patuk@arcticslopecommunity.org, (907) 339-6026
- AML - Nils Andreassen, nils@akml.org, (907) 790-5305

## **Add Listserv**

### **Department of Energy - Arctic Energy Office**

<https://www.energy.gov/arctic/arctic-energy-office>

### **NOAA Fisheries**

<https://www.fisheries.noaa.gov/media-release/biden-harris-administration-noaa-announce-plans-support-seven-multi-year-projects>

### **Department of Transportation**

<https://www.fhwa.dot.gov/resources/topics/>

### **Navigating the New Arctic Community Office**

<https://www.nna-co.org/>



**Resolutions of support from Tri-lateral, references to the NSB Comprehensive Plan, and/or matching funds source will make your grant request, as well as your CIP project request stronger.**

**Avaiyak Aamodt, NSB Community Planner, can be a resource to assist in helping your community with funding opportunities and getting you to the right agency.**

# Contact Information



**Planning Assistant to the Director: Katuk Danner**

**907-852-0320 x5418 - [Katuk.Danner@north-slope.org](mailto:Katuk.Danner@north-slope.org)**

**Planning Community Development Planner: Avaiyak Aamodt**

**907-852-0320 x5416 - [Avaiyak.Aamodt@north-slope.org](mailto:Avaiyak.Aamodt@north-slope.org)**

**NSB Grants: Rosanna Lemen**

**907-852-0467 x1210 - [Rosanna.Lemen@north-slope.org](mailto:Rosanna.Lemen@north-slope.org)**

**NSB Mayor's Office EIAP: Martina Hopson**

**907-852-0200 x5203 - [Martina.Hopson@north-slope.org](mailto:Martina.Hopson@north-slope.org)**

# North Slope Borough

## OFFICE OF THE MAYOR

P.O. Box 69  
Barrow, Alaska 99723  
Phone: 907 852- 0200  
Fax: 907 852-0337



*Josiah A. Patkotak, Mayor*

To: All Employees  
From: Josiah A. Patkotak, Mayor *JP*  
Date: March 17, 2025  
Subject: **CIP Project Review Committee\_25-32**

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In accordance with Capital Improvement Program (CIP) goals and policies that we established to address future growth and development on the North Slope, I have appointed the following members and an alternate to the CIP Project Review Committee. This Committee will be responsible for the coordination and review of the CIP proposed project requests for future funding.

#### Members:

Scott Danner - Director of Public Works  
Bernadette Adams - Director of CIPM  
Robert Terzioski - Deputy Director of Utilities & Maintenance  
Mel Wong - NSBSD - Atqasuk  
George T. Kaleak, Sr. - Kaktovik

# North Slope Borough

## OFFICE OF THE MAYOR

P.O. Box 69  
Barrow, Alaska 99723  
Phone: 907 852- 0200  
Fax: 907 852-0337



*Josiah A. Patkotak, Mayor*

To: All Employees  
From: Josiah A. Patkotak, Mayor  
Date: March 17, 2025  
Subject: **Delegation of Authority\_25-31**

---

Vernon "Amaulik" Edwardsen, Chief Administrative Officer, is hereby delegated as Acting Mayor for the North Slope Borough, effective Monday, March 17, 2025, until March 22, 2025, or until Mayor Patkotak's actual return. In Amaulik's absence, Scott Evans, Director of Administration, will be delegated as Acting Mayor of the North Slope Borough.

Please continue to give your full support and cooperation to Amaulik and Scott during this time.

Quyanaqpak!



# North Slope Borough

Bond Capacity  
FY 2025-2026

NSB Assembly

June 4 - 5, 2025



# Authorization of Debt

- Alaska Constitution Article IX § 9 states: “**No debt shall be contracted** by any political subdivision of the State, unless **authorized for capital improvements** by its governing body and ratified by a majority vote of those qualified to vote and voting on the question.”
- The NSB assembly authorizes debt
- North Slope Borough voters ratify assembly debt action.
  - Bond Propositions have not required increases to tax rates



# Recommendation of Bond Debt Capacity

- The proposed level of bonding capacity took into consideration the level of debt currently on the books, and the ability to take on debt per NSB Debt Management Policy.
- The policy requires that generally GO bond debt cannot exceed 3% of the total assessed valuation (AV) of taxable property. This compliance requirement is a 'pass'.

Budgeted Assessed Value	\$25.3 billion
Debt Policy Limit	\$759 million



# FY 2025-2026 Tax Cap Limitation

- State Statutes require NSB to calculate the annual Tax Cap Limitation for operations which, at that time, we select our mill rate. Property tax revenue raised above the operating cap must be used for bond debt.

• Maximum Operating & Maintenance	\$402.8 million
• Budgeted Property Tax Valuations	\$25.3 billion
• Mill Rate	17.99
• Total Revenue	\$455.1 million
• Bond Debt Requirement	\$93.55 million
• For Operations & Maintenance	\$361.59 million



# Debt Service by Fiscal Year as of December 31, 2024

	<u>Fiscal</u> <u>Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
<b>GO BONDS (AA+,AA,AA)</b>	2025	\$ 76,275,000	\$ 16,834,579	\$ 93,109,579
	2026	\$ 67,870,000	\$ 15,685,800	\$ 83,555,800
	2027	\$ 47,080,000	\$ 12,611,750	\$ 59,691,750
	2028	\$ 48,145,000	\$ 10,265,800	\$ 58,410,800
	2029	\$ 49,470,000	\$ 7,879,300	\$ 57,349,300
	2030	\$ 27,395,000	\$ 5,427,200	\$ 32,822,200
	2031	\$ 14,365,000	\$ 4,066,500	\$ 18,431,500
	2032	\$ 14,345,000	\$ 3,371,450	\$ 17,716,450
	2033	\$ 14,040,000	\$ 2,664,000	\$ 16,704,000
	2034	\$ 13,605,000	\$ 1,962,000	\$ 15,567,000
	2035	\$ 12,505,000	\$ 1,281,750	\$ 13,786,750
	2036	\$ 13,130,000	\$ 656,500	\$ 13,786,500
		<b>\$ 398,225,000</b>	<b>\$ 82,706,629</b>	<b>\$ 480,931,629</b>



# Debt Schedule by Bond Issue as of December 31, 2024

<b>G.O. Bond</b>				
	<b>Issue</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
<b>GO BONDS (AA+, AA, AA)</b>	Series 2024 B School	\$ 24,980,000	\$ 8,551,594	\$ 33,531,594
	Series 2024 A	\$ 105,325,000	\$ 32,678,785	\$ 138,003,785
	Series 2023 B School	\$ 13,735,000	\$ 4,053,500	\$ 17,788,500
	Series 2023 A	\$ 69,515,000	\$ 13,127,250	\$ 82,642,250
	Series 2022 C Public Housing	\$ 6,895,000	\$ 513,750	\$ 7,408,750
	Series 2022 B School	\$ 8,050,000	\$ 2,143,250	\$ 10,193,250
	Series 2022 A	\$ 71,530,000	\$ 13,850,500	\$ 85,380,500
	Series 2021 D School	\$ 6,850,000	\$ 1,289,600	\$ 8,139,600
	Series 2021 C	\$ 54,415,000	\$ 3,423,600	\$ 57,838,600
	Series 2021 B School	\$ 13,615,000	\$ 1,441,000	\$ 15,056,000
	Series 2020 B School	\$ 4,275,000	\$ 681,800	\$ 4,956,800
	Series 2020 A	\$ 19,040,000	\$ 952,000	\$ 19,992,000
		<b>\$ 398,225,000</b>	<b>\$ 82,706,629</b>	<b>\$ 480,931,629</b>



# Proposed Maximum Bond Issuance for FY 2025-2026

- Mayor Patkotak's Annual Budget Plans include finances to support the new bond debt issuance of:

**\$200,000,000**

**NORTH SLOPE BOROUGH PLANNING COMMISSION  
RESOLUTION 2010-16**

**A RESOLUTION ADOPTING AMENDED CIP PROJECT SELECTION CRITERIA  
FOR DETERMINING NON-DISCRETIONARY, PRIORITY – DISCRETIONARY AND  
DISCRETIONARY CIP PROJECTS**

**WHEREAS**, the Planning Commission is charged under North Slope Borough Code of Ordinances 19.30.050 (B) with the responsibility to annually review the Capital Improvements Program (CIP) of the North Slope Borough and submit its recommendation to the Assembly; and

**WHEREAS**, in performance of this charge it is necessary to establish criteria whereby CIP project proposals can be evaluated; and

**WHEREAS**, as the North Slope Borough is preparing a more detailed 6 Year CIP plan existing selection criteria need to be updated to reflect this new approach.

**NOW, THEREFORE BE IT RESOLVED:**

**THAT** the North Slope Borough Planning Commission adopts the following amended CIP project selection criteria attached as Exhibit 1; and

**THAT** a copy of this Resolution be forwarded to the North Slope Borough Clerk.

INTRODUCED: October 28, 2010

ADOPTED: October 28, 2010

Paul Bodfish Sr.  
Paul Bodfish, Sr., Chairman  
10-28-2010  
Date

Eli Nakupiak, Clerk

Eli Nakupiak  
Date

10-28-10

# **CRITERIA FOR DETERMINING NON-DISCRETIONARY, PRIORITY- DISCRETIONARY AND DISCRETIONARY CIP PROJECTS**

(As approved and recommended on February 14, 1985, January 22, 1997 and December 15, 1997 by the CIP Policy Recommendation Committee and approved or amended by the North Slope Borough Planning Commission on February 28, 1985, December 18, 1996, January 30, 1997, July 31, 1997, November 20, 1997 December 18, 1997 and October 28, 2010.)

## **Non-Discretionary<sup>i</sup>:**

**A Non-Discretionary project is one that is a *verified* emergency; is a borough responsibility; and is related to life health and safety. Few projects will qualify for this classification. Specific criteria include:**

1. The NSB has been formally warned or a notice of violation issued by local, state or federal authorities that a borough facility will be closed or fines levied in the next year unless a plan of action is prepared or a corrective effort made.
2. When a structural failure of a borough building is imminent and has been attested to in writing by a licensed engineer or architect, and the building is an essential facility for the life, health, safety, and educational (primary & secondary) services for borough residents and the cost of corrective measures is the most efficient solution.
3. Where environmental conditions are such that without immediate action an actual and a verifiable and documented imminent threat to public health exist and relates to a borough power or responsibility.
4. Where a risk assessment has been conducted that documents a capital investment is prudent so as to avoid the imminent or very near term failure of a vital borough facility or function.

## **Priority Discretionary:**

1. Projects that are listed in the borough's "6 Year CIP Plan" in the year indicated and are designed to support the borough's existing capital assets and level of service and not expand them.

In addition, projects may be considered Priority Discretionary or given added emphasis if they meet one of the following:

2. Where a new project will generate a significant cost saving/reduction to the Borough operating budget and is documented as such by appropriate analysis;
3. A project that has a significant local employment impact or serves to equalize employment impacts across the borough.
4. A project which leverages a significant amount of outside funding.

## **Discretionary Projects**

1. All other projects

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<sup>i</sup> For a project to receive "Non-Discretionary" status under items 1 – 4, there must be written confirmation as indicated submitted with the project request.

# 2025-2026 Community Profile



# Anaktuvuk Pass

## 2025-10 Recommended Projects

- 56-208 Heating System Upgrades \$580,000
- 56-209 HVAC Upgrades \$1,610,000
- 63-287 250K Fuel Tank \$1,650,000

## Total Recommended Funding

\$11,887,000

## 2025 Village Council Priorities

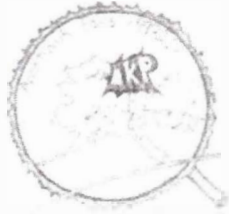
- Remaining Water/Sewer hook ups
- Dust Control: cement speed bumps on main roads
- School Swimming Pool Renovation
- New Sewer Truck
- Subdivision
- Daycare Center/Youth Center and Multipurpose building
- Abandoned buildings 118 and 130 Illinois Road
- Assisted Living
- Mini Washeteria
- Senior Center Renovations
- Public Transportation
- Housing
- Church Renovation

## Areawide Project Recommendations

- 56-212 DW Technology Refresh \$214,000
- 59-154 AW Residential Water Tanks \$157,000
- 59-155 AW Water System Update \$1,440,000
- 60-107 AW Sewage Tanks \$500,000
- 60-123 AW Sewer System Upgrade \$300,000
- 60-126 AW Water & Sewer Equipment \$175,000
- 63-228 AW Tank Upgrade/Major Repairs \$1,086,000
- 63-251 AW Power Grid Preservation \$186,000
- 63-258 AW VLG Power Dist Grid Upgrade \$743,000
- 63-279 AW Power Generation Upgrade \$214,000
- 64-136 2-AW189 Helicopters \$2,745,000
- 68-041 Project Analysis Reports \$62,000
- 68-054 AW Light Duty Vehicles \$120,000
- 68-126 HBTC Facility Upgrades \$105,000

## Anaktuvuk Pass Comprehensive Plan Select Capital Needs

- Address housing overcrowding/construct additional homes
- Research alternative energy feasibility
- Dust control
- Retrofit homes for energy efficiency
- Develop recreational facilities, including outdoor ballfield, indoor facility for youth and indoor playground
- Relocate NSB Administrative Office
- Install airport restrooms for weekend/holiday use
- Evaluate potential contamination at former power plant



**Anaktuvuk Pass Village Council**  
 P.O. Box 21030  
 Anaktuvuk Pass, Alaska 99721-1030  
 Telephone: (907) 661-3612 • (907) 661-3619  
 Fax: (907) 661-3613  
 E-mail: [cityofanaktuvuk@gmail.com](mailto:cityofanaktuvuk@gmail.com)

**City Of Anaktuvuk Pass**  
**CITY COUNCIL RESOLUTION**  
 Resolution No. 2025-01

A RESOLUTION OF THE CITY COUNCIL OF Anaktuvuk Pass, ALASKA APPROVING THE PRIORITIZATION OF CAPITAL IMPROVEMENT PROJECTS FOR FISCAL YEAR 2025.

A RESOLUTION OF ANAKTUVUK PASS, ALASKA PRIORITIZING PROJECTS FOR THE CIP ORDINANCE 2025-01 SUBMITTED BY DEPARTMENTS OF THE NORTH SLOPE BOROUGH, THE NORTH SLOPE BOROUGH SCHOOL DISTRICT AND THE CITY OF ANAKTUVUK PASS.

WHEREAS the Anaktuvuk Pass City Council met and discussed the community Capital Improvement Program Project Prioritization in public forum at the Anaktuvuk Pass Regular City Council meeting conducted on January 23, 2025; and

WHEREAS enough time has been provided for community feedback on the prioritization list drafted at the January 9, 2025, Regular City Council Meeting,

THEREFORE, BE IT RESOLVED, the City Council in Anaktuvuk Pass, Alaska, has Prioritized community projects, and that the following represents, in hierarchical order, the official Fiscal Year 2025 Capital Improvement Projects Program:

1. Remaining Water/Sewer hook ups
2. Dust Control
  - a) cement speed bumps on main roads
3. School Swimming Pool Renovation
4. New Sewer Truck
5. Subdivision
6. Daycare Center/Youth Center and Multipurpose building
7. Abandoned buildings 118 and 130 Illinois Road
8. Assisted Living
9. Mini Washeteria
10. Senior Center Renovations
11. Public Transportation
12. Housing
13. Church Renovation

Passed and Approved by the duly constituted quorum of the Anaktuvuk Pass City Council of this 23<sup>rd</sup> day of January 2025.

Mayor, Lillian Stone

Attest:

City of Anaktuvuk Pass City Clerk, Georgianna Gordon



# 2025-2026 Community Profile



# Atqasuk

## 2025-10 Recommended Projects

- 56-207 Fire System Upgrades \$21,000
- 56-209 HVAC Upgrade \$400,000
- 59-160 W&S Facility HVAC & Digital CO \$1,400,000
- 60-129 Vacuum Service Connection Upgr \$490,000

## 2025 City Council Priorities

- Water/Sewer Connections for Off Grid Homes
- Increased Water/Sewer Tank Capacity for Off Grid Homes
- Increase Volume of Gasoline/Diesel Yearly Delivery
- Power Plant Waste Heat System Maintenance/Assessment/Repair
- Restore NSB Washeteria Operation
- Waste Water Treatment Plant Capacity Upgrade
- Emergency Storage Capacity for Hazardous Waste
- Ilisagvik Campus Support

## Total Recommended Funding

\$10,457,000

## Areawide Project Recommendations

- |                                      |           |   |             |
|--------------------------------------|-----------|---|-------------|
| • 56-212 DW Technology Refresh       | \$214,000 | • 63-228 AW Tank Upgrade/Major Repairs  | \$1,086,000 |
| • 59-149 AW Water Storage Tank Upgds | \$300,000 | • 63-251 AW Power Grid Preservation     | \$186,000   |
| • 59-154 AW Residential Water Tanks  | \$157,000 | • 63-258 AW VLG Power Dist Grid Upgrade | \$743,000   |
| • 59-155 AW Water System Update      | \$730,000 | • 63-279 AW Power Generation Upgrade    | \$214,000   |
| • 59-161 AW WTP Process Upgrades     | \$935,000 | • 64-136 2-AW189 Helicopters            | \$2,745,000 |
| • 60-107 AW Sewage Tanks             | \$200,000 | • 68-041 Project Analysis Reports       | \$63,000    |
| • 60-123 AW Sewer System Upgrade     | \$172,000 | • 68-054 AW Light Duty Vehicles         | \$120,000   |
| • 60-126 AW Water & Sewer Equipment  | \$175,000 | • 68-126 HBTC Facility Upgrades         | \$106,000   |

## Atqasuk Comprehensive Plan Select Capital Needs

- Develop Atqasuk Transmission Line
- Upgrade roads to both cemeteries
- Rehabilitate existing vacant housing/construct new homes
- Continue evaluation of local material source
- Playground equipment upgrade / replacement
- Develop a teen center / senior center
- Develop a daycare facility
- Develop a Washeteria with showers

# CITY OF ATQASUK

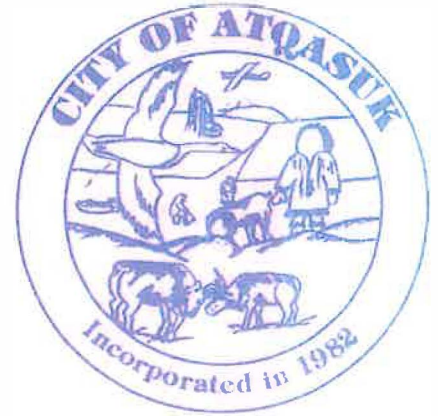
P.O. Box 91119

Atqasuk, Alaska, 99791

City Office Ph: 907-633-6811

Fax: 907-633-6812

Email: cityofatqasuk@hotmail.com



Douglas Whiteman, Mayor

## Resolution No. 2024-05

### A RESOLUTION OF THE CITY COUNCIL OF ATQASUK, ALASKA PRIORITIZING PROJECTS FOR THE CIP ORDINANCE 2021-10 SUBMITTED BY THE CITY OF ATQASUK

**WHEREAS**, on the 18<sup>th</sup> day of November 2024, the City of Atqasuk met and discussed Atqasuk community needs relating to projects proposed for the Community of Atqasuk; and

**WHEREAS**, The City of Atqasuk was asked by the NSB Planning & Community Services to prioritize all projects; and

**WHEREAS**, In the NSB Assembly Resolution 10-85, "A Resolution Approving & Adopting the Policies Established to Address the Future Growth and Development of Capital Improvement Projects on the North Slope", policies were developed to be used as the guideline for funding and scheduling CIP projects. Planning Commission Resolution 85-01, "A Resolution Approving the Policies Established to Address the CIP and the Future Growth and Development on the North Slope" established these policies: "Goal D: North Slope Borough Will Support Village Self-Determination" by "adhering to the desires of each village regarding industrial development infrastructure, project design and priorities. Each village will determine its own priority on traditional versus modern needs" and "Exact CIP budget amounts will be developed for each village. Local residents will have a major role in determining projects under these budget guidelines"; and

**NOW THEREFORE, BE IT RESOLVED**, the City Council in Atqasuk, Alaska, prioritized the projects listed below:

1. Water/Sewer Connections for Off Grid Homes
2. Increased Water/Sewer Tank Capacity for Off Grid Homes
3. Increase Volume of Gasoline / Diesel Yearly Delivery
4. Power Plant Waste Heat System Maintenance/Assessment/Repair
5. Restore NSB Washateria Operation
6. Waste Water Treatment Plant Capacity Upgrade
7. Emergency Storage Capacity for Hazardous Waste
8. Ilisagvik Campus Support

for consideration and further evaluation, by the North Slope Borough Project Recommendation Committee (PRC), the North Slope Borough Planning Commission, and the North Slope Borough Mayor's Office and the North Slope Borough Assembly and recommend their funding in the order presented; and

**NOW THEREFORE, BE IT RESOLVED**, the City Council of Atqasuk, Alaska has **PASSED** and **APPROVED** by the duly constituted quorum of the Atqasuk City Council on this 16<sup>th</sup> day of December 2024.

Douglas Whiteman, Mayor

Date

Attest:

12-17-24

Sherlene Oyagak, Clerk

Date

# 2025-2026 Community Profile



# Kaktovik

## 2025-10 Recommended Projects

- 56-206 New Kaveolook School \$20,000,000

## 2025 City Council Priorities

- New Weather Station/Upgrade to Current and Fix PAPI Lights
- Water/Sewer System
- Bridge for Extra Water Source/Hunting/Evacuation & Current Water Source Study
- Erosion Study/Erosion Control
- Phase 2 of Harold Kaveolook New School
- Housing
- CWAT
- Boat Launch

## Total Recommended Funding

31,345,000

## Areawide Project Recommendations

- |  |             |   |             |
|--|-------------|---|-------------|
| • 56-212 DW Technology Refresh         | \$215,000   | • 63-251 AW Power Grid Preservation     | \$184,000   |
| • 59-154 AW Residential Water Tanks    | \$158,000   | • 63-258 AW VLG Power Dist Grid Upgrade | \$742,000   |
| • 59-155 AW Water System Update        | \$1,440,000 | • 63-279 AW Power Generation Upgrade    | \$216,000   |
| • 60-107 AW Sewage Tanks               | \$200,000   | • 64-136 2-AW189 Helicopters            | \$2,745,000 |
| • 10-111 AW Sewage Lgn-Upgrd PHIII     | \$3,596,000 | • 68-041 Project Analysis Reports       | \$62,000    |
| • 60-123 AW Sewer System Upgrade       | \$303,000   | • 68-054 AW Light Duty Vehicles         | \$120,000   |
| • 60-126 AW Water & Sewer Equipment    | \$175,000   | • 68-126 HBTC Facility Upgrades         | \$105,000   |
| • 63-228 AW Tank Upgrade/Major Repairs | \$1,084,000 |   |             |

## Kaktovik Comprehensive Plan Select Capital Needs

- |   |   |
|---|---|
| • Continue to improve utilities, infrastructure, and facilities for resilience. | • Monitor and overcome permafrost subsidence impacts to facilities and infrastructure |
| • Employ feasible alternative energy sources.                                   | • Evaluate wind power generation  |
| • Protect and preserve fresh water source.                                      | • Develop a non-impactful snow dump site  |



**City of Kaktovik**  
PO Box 27 • 2051 Barter Avenue, #27  
Kaktovik, Alaska 99747

www.cityofkaktovik.org  
office@cityofkaktovik.org  
907.640.6313 • 907.640.6314, fax

CITY OF KAKTOVIK, ALASKA  
RESOLUTION NO. 25-01

**A RESOLUTION OF THE CITY OF KAKTOVIK APPROVING THE FY25 CAPITAL  
IMPROVEMENT PROJECT REQUESTS FOR THE CITY OF KAKTOVIK**

WHEREAS, on January 29<sup>th</sup>, 2025, the people of the City of Kaktovik met and discussed the community needs relating to projects proposed by the North Slope Borough and City of Kaktovik; and

WHEREAS, in the interest of saving time and resources, the North Slope Borough coordinates with the City Councils to develop a combined priority list of the projects to submit for North Slope Boroughs concern for the basic life, safety, and health of the residents of Kaktovik.

NOW THEREFORE BE IT RESOLVED, that the City of Kaktovik, Alaska requests North Slope Borough funding for the projects listed below, in order of priority:

1. New Weather Station/upgrade to current and six PAPI lights
  2. Water/Sewer System
  3. Bridge for extra water source/hunting/evacuation & current water source study
  4. Erosion study/erosion control
  5. Phase 2 of Harold Kavoolook New school
  6. Housing
  7. CWAT
  8. Boat launch
- 9.

The foregoing resolution was adopted on this 29<sup>th</sup> Day of January 2025 at a duly called City of Kaktovik city council meeting.

  
MAYOR

  
CLERK

# 2025-2026 Community Profile



# Nuiqsut

## 2025-10 Recommended Projects

- 60-129 Vacuum Service Conn. Upgd \$2,441,000
- 68-102 Nuiqsut Facility Upgrade \$150,000
- 68-113 NUI PW Shop Replcmt Design \$2,200,000

## 2025 City Council Priorities

- New 10 plex for teacher housing, and renovation of all existing school district housing
- New Piuraagvik - large gym added to Trapper school
- Gravel stockpile for City needs - upgrade roads, repair Colville Access Road, Parking/driveway pads for residents
- Kisik Center/Cultural Center
- NSB Public Infrastructure projects – gas storage, tank farm, powerline/gas line upgrades, flatbed trailer, backhoe
- Contaminated sites cleanup

## Total Recommended Funding

\$13,837,000

## Areawide Project Recommendations

- |  |             |   |             |
|--|-------------|---|-------------|
| • 56-2122 DW Technology Refresh        | \$215,000   | • 63-258 AW VLG Power Dist Grid Upgrade | \$743,000   |
| • 59-154 AW Residential Water Tanks    | \$157,000   | • 63-279 AW Power Generation Upgrade    | \$214,000   |
| • 59-155 AW Water System Update        | \$1,730,000 | • 64-136 2-AW189 Helicopters            | \$2,745,000 |
| • 59-161 AW WTP Process Upgrade        | \$935,000   | • 68-041 Project Analysis Reports       | \$62,000    |
| • 60-107 AW Sewage Tanks               | \$200,000   | • 68-054 AW Light Duty Vehicles         | \$120,000   |
| • 60-123 AW Sewer System Upgrade       | \$373,000   | • 68-126 HBTC Facility Upgrades         | \$105,000   |
| • 60-126 AW Water & Sewer Equipment    | \$175,000   |   |             |
| • 63-228 AW Tank Upgrade/Major Repairs | \$1,086,000 |   |             |
| • 63-251 AW Power Grid Preservation    | \$186,000   |   |             |

## Nuiqsut Comprehensive Plan Select Capital Needs

- Maintain, protect and expand community facilities and infrastructure.
- Maintain and expand community services to provide improved care for residents.



# CITY OF NUIQSUT

**Madam Mayor, Lillian Kaigelak**

P.O. Box 89148

Nuiqsut, Alaska 99789

Main: 907-480-6727

Fax: 907-480-6928

[www.cityofnuiqsut.org](http://www.cityofnuiqsut.org)

## CITY OF NUIQSUT RESOLUTION NO. 25-01

### A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF NUIQSUT APPROVING THE PRIORITIZATION OF CAPITAL IMPROVEMENT PROJECTS FOR FISCAL YEAR 2024

#### A RESOLUTION OF THE CITY OF NUIQSUT, ALASKA PRIORITIZING PROJECTS FOR THE CIP ORDINANCE 2025-10 SUBMITTED BY DEPARTMENTS OF THE NORTH SLOPE BOROUGH, THE NORTH SLOPE BOROUGH SCHOOL DISTRICT AND THE CITY OF NUIQSUT

**WHEREAS**, the City of Nuiqsut council met and discussed a community capital improvement program project prioritization in public forum at the City of Nuiqsut Regular City Council meeting conducted on November 6<sup>th</sup>, 2023 and December 14<sup>th</sup>, 2023 and December 18<sup>th</sup> 2023; and February 3, 2025, and

**WHEREAS**, enough time has been provided for community feedback on the prioritization list drafted at the December 14<sup>th</sup>, 2023 Regular City Council Meeting and final SCCM December 18<sup>th</sup>, 2023 and further discussed during the February 3, 2025 RCCM; and

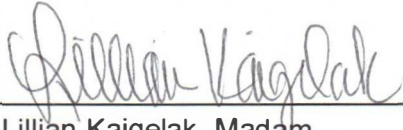
**WHEREAS**, the City council feels that the listed projects need prioritization in order from number 1 (one) being the most urgent; after receiving community feedback during the November 6<sup>th</sup>, 2023 RCCM, and the February 3, 2025 RCCM.

**NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NUIQSUT** that the City council hereby prioritizes the below listed community projects, and that the following represents, in hierarchical order, the official Fiscal Year 2025 Capital Improvement Projects Program:

1. New 10 plex for teacher housing, and renovation of all existing school district housing - with goal to return houses to city housing inventory  
(Can be an NPR-A grant and matching NSB funds)
2. New Piuraagvik - large gym added to Trapper school on the west side. (Can be an NPR-A grant and matching NSB funds)
3. Gravel stockpile for City needs - upgrade roads, repair Colville Access Road, Parking/driveway pads for residents
4. Kisik Center/Cultural Center - Matching funds to go with Grant Application
5. NSB Public infrastructure projects - gas storage system/upgrades, tank farm capacity increase, powerline and gasline extensions/upgrades, general equipment and facility upgrades/repairs, Flatbed trailer for hauling equipment. (680 Backhoe - equivalent for Cemetery community access)
6. Contaminated sites clean up

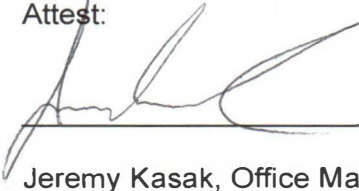
Resolution 25-01, February 3, 2025

**PASSED AND APPROVED** by a duly constituted quorum of the City Council of the City of Nuiqsut, Alaska, this 3rd day of February 2025.



Lillian Kaigelak, Madam  
Mayor,

Attest:



Jeremy Kasak, Office Manager/Acting Clerk



# 2025-2026 Community Profile



# Point Hope

## 2025-10 Recommended Projects

- 56-195 TIK School Major Renovation \$1,500,000
- 68-105 Point Hope Facility Upgrade \$561,000
- 68-127 Point Hope SAR Upgrades \$5,280,000

## 2025 City Council Priorities

- Extend Emergency Road
- Permanent Airport
- Environmental New Landfill
- Economic Development
- New Day Care Facility

## Total Recommended Funding

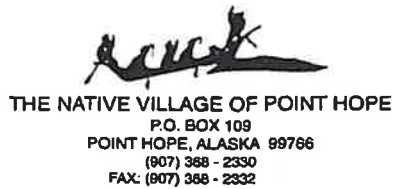
\$25,605,000

## Areawide Project Recommendations

- |  |             |   |             |
|--|-------------|---|-------------|
| • 56-212 DW Technology Refresh         | \$214,000   | • 63-228 AW Tank Upgrade/Major Repairs  | \$1,086,000 |
| • 59-149 AW Water Storage Tank Upgrade | \$7,200,000 | • 63-251 AW Power Grid Preservation     | \$186,000   |
| • 59-154 AW Residential Water Tanks    | \$157,000   | • 63-258 AW VLG Power Dist Grid Upgrade | \$743,000   |
| • 59-155 AW Water System Update        | \$860,000   | • 63-279 AW Power Generation Upgrade    | \$214,000   |
| • 60-107 AW Sewage Tanks               | \$200,000   | • 64-136 2-AW189 Helicopters            | \$2,745,000 |
| • 60-118 AW Outfall Pipeline Upgrade   | \$330,000   | • 68-041 Project Analysis Reports       | \$63,000    |
| • 60-122 AW WWTP Upgrades              | \$3,400,000 | • 68-054 AW Light Duty Vehicles         | \$120,000   |
| • 60-123 AW Sewer System Upgrade       | \$635,000   | • 68-126 HBTC Facility Upgrades         | \$106,000   |
| • 60-126 AW Water & Sewer Equipment    | \$175,000   |   |             |
| • 63-128 AW WWTP Controls Upgrade      | \$160,000   |   |             |

## Point Hope Comprehensive Plan Select Capital Needs

- Assess feasibility of airport relocation
- Construct evacuation road
- Address housing overcrowding
- New water source location
- Seek gravel source
- Research alternative energy feasibility, especially wind
- Additional recreational facilities, including ball field, meeting places, teen center, playgrounds, removable docks
- Repair needed for community facilities: Health Clinic, Senior Center, City Hall, PW Building, Tribal Office



City of Point Hope  
P.O. Box 169  
Point Hope, Alaska 99766  
368 2537



## RESOLUTION – 2023-01

### A TRILATERAL RESOLUTION IN SUPPORT OF UNIFIED TIKIGAQ PRIORITY LIST

**WHEREAS**, the Native Village of Point Hope is a federally recognized tribe under the Indian Reorganization Acts of June 18, 1934, as amended and the act of May 1, 1936; and

**WHEREAS**, the Tikigaq Corporation is an Alaska Claims Settlement Act, village corporation serving the community of Point Hope since 1971; and

**WHEREAS**, the City of Point Hope is a second class city in the State of Alaska, established in 1966; and

**WHEREAS**, the Native Village of Point Hope Tribal Council, City of Point Hope and Tikigaq Corporation, as a trilateral entity, assert self-governing powers; and

**WHEREAS**, the common need of the trilateral entity is to create village economic development to foster a stable, diversified local economy and economic activities which will provide, promote economic well-being and reduce dependency; and

**WHEREAS**, the efforts if the trilateral entity deserves the attention of borough, state and federal agencies to consider funding priority village needs which in turn will greatly improve native self-governance and village economic development activity; and

**WHEREAS**, the trilateral entities respectfully submits a list of top four (4) Priority needs fir the people of Tikigaq:

1. Extend Emergency Road (Gravel pit and Rock Query, Airport, Transportation and Landfill Site)
2. Permanent Airport (inland due to the rapid erosion problem)
3. Environmental (new landfill location)
4. Economic Development
5. New Day Care Facility

**NOW THEREFORE BE IT RESOLVED**, that the Native Village of Point Hope, Tikigaq Corporation, and the City of Point Hope as in good faith that the borough, state and federal entities providing funding resources and opportunities recognize by this trilateral resolution: and

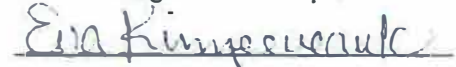
**BE IT FURTHER RESOLVED:** the Native Village of Point Hope, City of Point Hope and Tikigaq Corporation will work to the best of our ability to explore and compete for grants and contracts through borough, state, federal, regional and private entities in order to develop plans for action to build tribal capacity, strengthen and to maintain a work force that meets the challenges faced by the people of Point Hope.

**CERTIFICATION**

This Resolution was duly adopted and approved by the designated officers of the trilateral entities during a meeting on the 13 day of January, 2022



Native Village of Point Hope, President



Tikigaq Corporation, President



City of Point Hope, Mayor



# 2025-2026 Community Profile



# Point Lay

## 2025-10 Recommended Projects

- 56-211 Intercom Telecom Upgrades \$200,000
- 68-108 Point Lay Facility Upgrade \$1,017,000

## 2025 Tribal Council Priorities

- Dredge location Gravel Pit
- Housing
- Water Source
- Upgrade Search & Rescue Building
- Store/Community Center Upgrade
- Washeteria/Post Office Upgrades
- Flooding Control
- Demolition of Barrier Island tanks
- Winter Road Program – CWAT
- New Landfill
- Renewable Resources

## Total Recommended Funding

\$9,552,000

## Areawide Project Recommendations

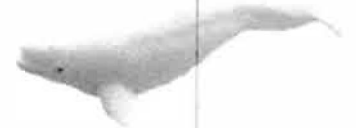
- |  |             |   |             |
|--|-------------|---|-------------|
| • 56-212 DW Technology Refresh         | \$214,000   | • 63-258 AW VLG Power Dist Grid Upgrade     | \$743,000   |
| • 59-154 AW Residential Water Tanks    | \$157,000   | • 63-279 AW Power Generation Upgrade        | \$214,000   |
| • 59-155 AW Water System Update        | \$1,640,000 | • 64-136 2-AW189 Helicopters                | \$2,745,000 |
| • 60-107 AW Sewage Tanks               | \$200,000   | • 68-041 Project Analysis Reports           | \$63,000    |
| • 60-118 AW Outfall Pipeline Upgrade   | \$330,000   | • 68-054 AW Light Duty Vehicles             | \$120,000   |
| • 60-123 AW Sewer System Upgrade       | \$156,000   | • 68-065 AW High Efficiency Lighting&Cntrls | \$200,000   |
| • 60-126 AW Water & Sewer Equipment    | \$175,000   | • 68-126 HBTC Facility Upgrades             | \$106,000   |
| • 63-228 AW Tank Upgrade/Major Repairs | \$1,086,000 |   |             |
| • 63-251 AW Power Grid Preservation    | \$186,000   |   |             |

## Point Lay Comprehensive Plan Select Capital Needs

- |  |                                       |
|--|---------------------------------------|
| • Abandon wastewater system as needed and install holding tanks. | • Street lighting to boat ramp / dock |
| • Gravel source investigations and assess gravel stockpile       | • Develop outdoor ballfield           |
| • Fix & maintain areas of subsidence that have affected roadway  | • Reopen washeteria                   |
| • Renovations for older homes / home weatherization improvements | • Develop a childcare facility        |



NATIVE VILLAGE OF POINT LAY IRA COUNCIL  
P.O. Box 59031, Point Lay, AK 99759  
Phone 907.833.5052 Fax 907.833.8868  
Email ptlay.ira@gmail.com



## RESOLUTION 2025-01

### RESOLUTION FOR NATIVE VILLAGE OF POINT LAY PRIORITY LIST TO NSB/CIP PROJECT PLANNING LIST

**WHEREAS:** The Native Village of Point Lay IRA is a federally recognized Tribal Government under the Indian Reorganization ACT of 1934 as amended for the Alaska Native in 1936; and

**WHEREAS:** Native Village of Point Lay IRA Council is the governing body for the community of Point Lay under the 1934 Indian Reorganization Act adopted by the tribe; and

**WHEREAS:** Native village of Point Lay IRA Council contracts the North Slope Borough for CIP projects and;

**WHEREAS:** with this list that the community of Point Lay has agreed upon, the North Slope Borough may use this as a future project list for the Point Lay Strategic Plan, and;

**WHEREAS:** each item is listed by high priority by number; and

**WHEREAS:** consideration of a new town site location for the community of Point Lay may prove to be necessary; and

**WHEREAS:** the list is followed as

#1 Dredge/Location for Grave/Silt/Tundra Pit in connection with;

- A) Fuel Tank leveling throughout the community.
- B) Replace/Repair leaning power poles throughout the community.
- C) Gravel placement where subsidence/sinkholes in road systems in the community.
- D) Driveways need to be resurfaced due to NSB infrastructure in driveways.
- E) Relevel and add foundation to the 700 block and other lots for settling.
- F) Alternate Emergency Road to airport, parallel to outfall easement.
- G) Expand village-new subdivision site preparations and access to new subdivided lots.

#2 Housing in connection with;

- A) Private sector: Due to the lack of contractors we require housing maintenance staff to be on location to the private sector.
- B) Homelessness/overcrowding, we need more homes to combat homelessness. We still have the overcrowding even with the new NSB 8-plex built and the three TNHA Duplex being built.
- C) Replace fuel tanks with-in all village residents in the NSB area.
- D) Water holding tanks and pumps: Point Lay has 64 residences.
- E) Upgrade on all the villages roads.

#3 Water Source in connection with:

- A) Development of Primary Water Source.
- B) Replace or repair damaged water tank.

**#4 Upgrade for Point Lay Volunteer Search and Rescue Building in connection with:**

- A) SAR Building: Water-heating system maintenance repair.
- B) Drainage control from annual flooding. Flooding is causing mold issues, rendering the building unusable and unsafe.
- C) Possibly relocating the building.

**#5 Store/Community Center in connection with:**

- A) Needs water & sewer holding tanks and pumps
- B) Heating issues

**#6 Washeteria/Post Office in connection with:**

- A) Heating issues-furnace

**#7 Flooding control in connection with:**

- A) Village culvert/drainage for flooding.
- B) BO Ponds need to be emptied and filled in.
- C) C) Culverts need to be marked.
- D) More trash pumps and hoses.
- E) Snow removal within the village.
- F) Designated areas for disposal.
- G) Find silt/gravel/tundra source to help with flooding.
- H) Raising roads for culvert/flood areas.

**#8 Demolition of 2 fuel tanks on Barrier Island in connection with:**

- A) Connecting to Walrus Haul-out in keeping walrus away from barge drop off and the protection of the historical village site.
- B) Degradation of the old fuel tanks we need to prevent contamination of the ocean.

**#9 Winter Road Program in connection with the CWAT**

- A) Yearly resolution for CWAT.

**#10 Landfill in connection with:**

- A) Incinerator Plant to burn domestic trash and sewage disposal.
- B) Widening the road to the Landfill.
- C) Infrastructure that is in association with that equipment.

**#11 Renewable Resources in connection with**

- A) Wind and Solar Generation.
- B) Ocean Current energy generation.
- C) Coal as a heating source.

**NOW THEREFORE BE IT RESOLVED THAT:** This is the approved Priority List for the Community of Point Lay for the NSB CIP Planning and;

**CERTIFICATION:** This certification that the above resolution was duly adopted at a special meeting of the Native Village of Point Lay IRA Council at which time a quorum was established. This resolution was adopted by a vote of \_\_\_ in favor and \_\_\_ Opposed and \_\_\_ abstain. Adopted by duly constituted quorum pf Native Village of Point Lay IRA in Point Lay, Alaska this \_\_\_ day of \_\_\_\_\_, 2025.

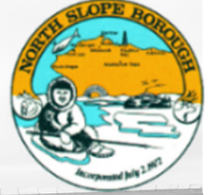
 3-10-25

President, Leo Ferreira III                      Date

 3-10-25

Secretary, Carmalita Everett                      Date:

# 2025-2026 Community Profile



# Utqiagvik

## 2025-10 Recommended Funding

• 56-207 Fire System Upgrades	\$3,358,000
• 56-208 Heating System Upgrades	\$1,420,000
• 56-210 DDC Control System Upgrade	\$1,500,000
• 56-211 Intercom Telecom Upgrades	\$800,000
• 57-268 BRW Coastal Erosion	\$7,000,000
• 59-142 New Resi W&S Connections	\$4,099,000
• 59-165 UTQ AG W&S Upgrades	\$14,448,000
• 60-120 BUS Pump Station#5 Design	\$1,942,000
• 60-125 Barrow Utility System Upgrade	\$4,050,000
• 60-130 BUS WWTP Membranes Upgrds	\$4,800,000
• 60-133 BUS Pump Station 1	\$900,000
• 65-110 Old BRW Landfill Lagoon Armor	\$3,328,000
• 65-111 Barrow TOS Replacement	\$1,100,000
• 68-109 Barrow Facility Upgrades	\$3,465,000
• 68-128 Barrow Transit Building Roof	\$440,000

## Utqiagvik City Council Priorities

- Piuraagvik Gym Expansion
- Housing
- Boat Dock & Deep Port Harbor
- Access & Connectivity – building new roads

## Total Recommended Funding

\$55,722,000

## Areawide Project Recommendations

• 64-136 2-AW189 Helicopters	\$2,745,000
• 68-041 Project Analysis Reports	\$62,000
• 68-054 AW Light Duty Vehicles	\$160,000
• 68-126 HBTC Facility Upgrades	\$105,000

## Utqiagvik Comprehensive Plan Select Capital Needs

- Protect existing infrastructure from flooding, erosion, & other natural disasters
- Ensure effective community emergency preparedness
- Provide reliable utility service to residents
- Provide emergency services to ensure the safety and welfare of residents.
- Facilitate adequate communication and telecommunications systems for residents and businesses
- Continue to develop coordinated educational and training opportunities



# CITY OF UTQIAGVIK

*"Farthest North Incorporated City"*

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## RESOLUTION #01-2025

### A RESOLUTION OF THE UTQIAGVIK CITY COUNCIL AUTHORIZING TO PRIORITIZE CAPITAL IMPROVEMENT PROJECTS FOR FY 2025 IN UTQIAGVIK, ALASKA

**WHEREAS**, The City of Utqiagvik works in cooperation with the North Slope Borough on projects to benefit the residents of the community; and

**WHEREAS**, The City of Utqiagvik conducted a survey that resulted in the list of priorities for the City of Utqiagvik Council to be submitted to the North Slope Borough for funding consideration; and

**WHEREAS**, The City of Utqiagvik has reviewed the following reports and surveys to determine the priority needs below: Utqiagvik Comprehensive Plan, Voice of the Arctic Inupiat—Community Needs Assessment, and Social Media Survey and has identified the following priorities;

1. Puiraagvik Gym Expansion
2. Housing
3. Boat Docks & Deep Port Harbor
4. Access & Connectivity – building of new roads

**WHEREAS**, Our first priority is the Puiraagvik expansion, which would allow a safe space for family connections and healthy alternatives. This space can also be used as a multiple-purpose community center that would support a community kitchen and childcare activity space.

**WHEREAS**, Housing is our second priority. It is a threat and weakness due to the lack of housing and multigenerational families currently living in overcrowded homes.

**WHEREAS**, boat docks and a deep port harbor are our third priorities. This supports our food security and sovereignty, which fulfills our culture and dietary needs. Our current boat access lacks the necessary means due to aging infrastructure.



# CITY OF UTQIAGVIK

*"Farthest North Incorporated City"*

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**WHEREAS**, access and connectivity are our fourth priority. The current infrastructure is limited, and additional roads to connect our communities are needed to ensure equity and increase access to economic opportunities, such as essential services, food, materials, and supplies.

**WHEREAS**, the inclusion of essential infrastructure such as a road to Utqiagvik, boat docks to support maritime access, expanded housing to address community needs, and recreation facilities will collectively enhance the quality of life, economic resilience, and equitable opportunities for the residents of Utqiagvik and the North Slope Borough.

**NOW THEREFORE BE IT RESOLVED** that the City of Utqiagvik Council here by establishes its priority listing as submitted for funding considerations of capital improvement projects.

**PASSED AND APPROVED BY THE UTQIAGVIK CITY COUNCIL THIS 16<sup>th</sup> DAY OF JANUARY, 2025 by a vote of 5 in favor and 0 opposed.**

**IN WITNESS THERETO:**

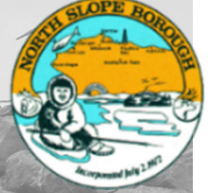
**ATTEST:**



**Asisaun Toovak, Mayor**

**Mary V. Patkotak, City Clerk**

# 2025-2026 Community Profile



# Wainwright

## 2025-10 Recommended Projects

- 56-209 HVAC Upgrade \$490,000
- 60-132 AIN Septage Receiving Stn. \$2,500,000
- 68-106 AIN Facility Upgrades \$28,000
- 68-124 Wainwright Power Plant \$20,000,000
- 68-129 AIN Shop Parking \$4,176,000

## 2025 Wainwright Steering Committee Priorities

- Power Plant Upgrade
- Access Road to the Dew Line Site
- Alak School Upgrade & Housing Upgrade
- Areawide Sewer System Upgrade
- Coastal Erosion Mitigation/Seawall Project
- Community Wide Road Lift
- Heavy Equipment for Public Works
- Gravel
- HHO Fuel Tank Replacement
- Housing, including the development of necessary access and utilities
- Natural Gas
- New or Expanded Landfill or Fencing
- Snow Fence

## Total Funding Recommended

\$24,793,000

## Areawide Project Recommendations

- |                                       |             |   |             |
|---------------------------------------|-------------|---|-------------|
| • 56-212 DW Technology Refresh        | \$214,000   | • 63-228 AW Tank Upgrade/Major Repairs      | \$1,086,000 |
| • 59-149 AW Water Storage Tank Upgds  | \$300,000   | • 63-251 AW Power Grid Preservation         | \$186,000   |
| • 59-154 AW Residential Water Tanks   | \$157,000   | • 63-258 AW VLG Power Dist Grid Upgrade     | \$743,000   |
| • 59-155 AW Water System Update       | \$2,160,000 | • 63-279 AW Power Generation Upgrade        | \$214,000   |
| • 59-164 AW AMI Remote Wat. Srv. Met. | \$523,000   | • 64-136 2-AW189 Helicopters                | \$2,745,000 |
| • 60-107 AW Sewage Tanks              | \$1,000,000 | • 68-041 Project Analysis Reports           | \$63,000    |
| • 60-118 AW Outfall Pipeline Upgrade  | \$1,648,000 | • 68-054 AW Light Duty Vehicles             | \$120,000   |
| • 60-119 AW Heat Trace Panel Upgds    | \$2,200,000 | • 68-065 AW High Efficiency Lighting&Cntrls | \$300,000   |
| • 60-123 AW Sewer System Upgrade      | \$461,000   | • 68-126 HBTC Facility Upgrades             | \$106,000   |
| • 60-126 AW Water & Sewer Equipment   | \$175,000   |   |             |

## Wainwright Comprehensive Plan Select Capital Needs

- Protect subsistence infrastructure.
- Continue to maintain water, wastewater, electric power, and other facilities in good operating condition.
- Seek expansion and upgrade of infrastructure where needed.
- Coordinate housing-related activities and resources.
- Seek ways to reduce costs of constructing housing to facilitate greater affordability and alleviate overcrowding.



# City of Wainwright

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## Resolution #2025-30

### RESOLUTION TO PRIORITIZE CAPITAL IMPROVEMENT PROJECTS FOR 2025 IN WAINWRIGHT, ALASKA

WHEREAS, the City of Wainwright provides local government operations and maintenance of services by providing the administrative capability through staffing and facility management; and

WHEREAS, the City of Wainwright works in cooperation with the North Slope Borough on projects to benefit the residents of the community; and

WHEREAS, at the January 22, 2025, meeting of the Wainwright Steering Committee, the representatives of the City of Wainwright, Village of Wainwright and Olgoonik Corporation discussed the capital project priorities proposed by the City of Wainwright City Council and the other entities and reached consensus on the following list of capital project priorities to be submitted to the North Slope Borough for funding consideration; and

WHEREAS, the Wainwright capital project priorities are listed in the following general areas as follows:

- |                                       |  |
|---------------------------------------|--|
| 1. Power Plant Upgrade                | 9. Heavy Equipment for Public Works                  |
| 2. Coastal Erosion Mitigation/Seawall | 10. Access Road to Dewline                           |
| 3. Housing                            | 11. Community Wide Road Lift/Water<br>Lake Road Lift |
| 4. Gravel                             | 12. Areawide Sewer System Upgrades                   |
| 5. HHO Fuel Tank Replacement          | 13. New or Existing Landfill Fencing                 |
| 6. Natural Gas                        | 14. Snowfence  |
| 7. Alak School Teacher Housing        |  |
| 8. Alak School Upgrade                |  |

NOW BE RESOLVED that the City Council of the City of Wainwright hereby establishes its priority listing of capital improvement projects shown above to be submitted to the North Slope Borough for funding consideration.


Passed and approved by a duly constituted quorum of the City Council for the City of Wainwright on the 30<sup>th</sup> day of January 2025.

  
Cheryl Panik, Mayor

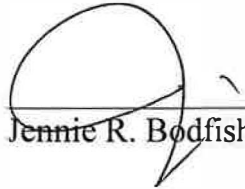
  
Jimmie Kagak, Vice-Mayor

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Edward Kagak, Member

  
Isabel Nashookpuk, Member


  
Rossellen Swan, Member

  
Jennie R. Bodfish Member

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Rossman Ferguson, Member

ATTEST:

  
Virginia Tagarook, City Clerk  
Karla Phillips, Acting City Clerk



**WAINWRIGHT**  
STEERING COMMITTEE

**WAINWRIGHT STEERING  
COMMITTEE RESOLUTION 2025-01**

**A RESOLUTION SETTING FORTH WAINWRIGHT CIP PRIORITIES FOR  
2025**

**WHEREAS**, the Wainwright Steering Committee wishes to recommend CIP priorities for 2025 in order to facilitate the administration and completion of projects to benefit the Wainwright community; and

**WHEREAS**, the Wainwright Steering Committee recommends that the **Wainwright Power Plant Upgrade** be given the 1st Priority, for the following reasons:

- This project is also integral to the core functions of several of the North Slope Borough's powers and responsibilities;
- Significant power outages have been ongoing for several years;
- This project was, according to the latest 6-year GIP plan, scheduled to receive initial funding in 2021 (presumably for engineering and design work) but did not receive that funding;

**WHEREAS**, the Wainwright Steering Committee recommends that an **Access Road to the Dew Line Site** be given the 2nd Priority, for the following reasons:

- Easier, quicker access to gravel sources in Wainwright will help reduce cost of new housing and subdivision development;
- Development of roads on that side of town could open up access to higher ground for future housing development and other construction;
- Additional funding will be needed for this project; and

**WHEREAS**, the Wainwright Steering Committee recommends that the **Alak School Upgrade** be given the 3rd Priority, for the following reasons:

- This project is also integral to the core functions of several of the North Slope Borough's powers and responsibilities;
- The educational future as well as the life, safety, and health of our students are of the highest priorities;
- This project was, according to the latest 6-year GIP plan, scheduled to receive funding in 2021 but did not receive that funding;
- Classrooms and Gym are currently nearing or exceeding capacity; and



**WAINWRIGHT**  
STEERING COMMITTEE

**WHEREAS**, the Wainwright Steering Committee recommends that the **Alak School Housing Upgrade** be given the 4th Priority, for the following reasons:

- This project is integral to the core functions of several of the North Slope Borough's powers and responsibilities;
- Aging housing stock;
- Adequate space is needed to support our educators for local youth;
- Teachers with families have a difficult time finding lodgings costing potential loss of qualified staff to relocate; and

**WHEREAS**, the Wainwright Steering Committee recommends that the **Areawide Sewer System Upgrade** be given the 5th Priority, for the following reasons:

- Continual breakage on lines results in damage to homes and public buildings;
- A feasibility study needed to determine impact on community;
- Additional funding would be required for the study; and

**WHEREAS**, the Wainwright Steering Committee recommends that the **Coastal Erosion Mitigation/Seawall Project** be given the 6th Priority, for the following reasons:

- Recent storms have caused significant damage to roads, beaches and tundra near the shore in the City, placing homes and infrastructure at risk;
- Changes in climate and storm patterns put the community at risk for further damage;
- Coastal erosion mitigation provided by the current rock installation has been effective, but needs to be extended to other vulnerable areas;
- Additional funding will be needed for this project; and

**WHEREAS**, the Wainwright Steering Committee recommends that a **Community Wide Road Lift** be given the 7th Priority, for the following reasons:

- Road levels have decreased over the years, resulting in water flow over the roads;
- The northern road leading to the Water Leak is degrading rapidly. Continuous work is needed to maintain access to the Water Lake;
- Erosion of the roads has contributed to flooding throughout the community;
- Additional funding will be needed for this project; and



**WAINWRIGHT**  
STEERING COMMITTEE

**WHEREAS**, the Wainwright Steering Committee recommends that a **Heavy Equipment for Public Works** be given the 8th Priority, for the following reasons:

- Would suggest specific equipment(s) items and purpose for need; and

**WHEREAS**, the Wainwright Steering Committee recommends that **Gravel** be given the 9th Priority, for the following reasons:

- Gravel is an ongoing need for roads, and other development;
- Olgoonik currently has 18,000 cy of mined Gravel on hand, with another 40,000-50,000 cy available to mine;
- Additional funding for purchase of gravel will be needed for this project; and

**WHEREAS**, the Wainwright Steering Committee recommends that the **HHO Fuel Tank Replacement** be given the 10th Priority, for the following reasons:

- Currently visual inspections indicate 32 out of 68 HHO tanks are in poor condition, with four being unsafe to fill;
- Two tanks failed in 2024;
- Increasing risk of possible contamination to grounds due to leaks or complete failure of tanks;
- Additional funding would be needed for this project; and

**WHEREAS**, the Wainwright Steering Committee recommends that **Housing, including the development of necessary access and utilities**, be given the 11th Priority, for the following reasons:

- Housing has been a priority for the community of Wainwright for many years;
- The community of Wainwright has proposed to work collaboratively with the North Slope Borough to develop and implement housing solutions in our community under the Mayor's Housing Initiative;
- Olgoonik has completed the 14c3 land conveyance to the City to support this project;
- Village of Wainwright tribal roads funding may be available for a portion of the access roads for the proposed housing development;
- Bonding has been approved for Housing projects across the NSB;
- Families are leaving Wainwright due to lack of housing options; and

**WHEREAS**, the Wainwright Steering Committee recommends that Wainwright be connect to the **Natural Gas** given the 12th Priority, for the following reasons:

- The original charter stated the Barrow Gas Field would be extended to cover Atqasuk, and Wainwright;
- Would significantly reduce the cost of heating facilities and homes in



**WAINWRIGHT**  
STEERING COMMITTEE

the Community;

- Could be integrated with ASTAR planning to provide the necessary access; and

**WHEREAS**, the Wainwright Steering Committee recommends that the **New or Expanded Landfill or Fencing** be given the 13th Priority, for the following reasons:

- Landfill is near capacity, limiting items that can be disposed of;
- Recent storms are eroding cliff face resulting in debris and garbage to escape from dump area;
- Fencing is damaged allowing wild animals access and creating safety hazards;
- Additional funding would be needed for this project; and

**WHEREAS**, the Wainwright Steering Committee recommends that the **Snow Fence** at south side of Wainwright be given the 14th Priority, for the following reasons:

- It would prevent drifting around homes allowing easier access on south end of town;
- Prevent flooding in area;
- As project was recently defunded, additional funding would be required; and

**WHEREAS**, the North Slope Borough and the Community of Wainwright have established a new Comprehensive Plan for the Community, and

**NOW, THEREFORE, BE IT RESOLVED**, that the Wainwright Steering Committee recommends to the PRC the following order of priority for the following projects for 2025:

1. Power Plant Upgrade
2. Access Road to Dewline
3. Alak School Upgrade
4. Alak School Teacher Housing
5. Areawide Sewer System Upgrades
6. Coastal Erosion Mitigation/Seawall
7. Community Wide Road Lift
8. Heavy Equipment for Public Works




**WAINWRIGHT**  
STEERING COMMITTEE

- 9. Gravel
- 10. HHO Fuel Tank Replacement
- 11. Housing
- 12. Natural Gas
- 13. New or Existing Landfill and Fencing
- 14. Snow Fence

**DULY ENACTED** this 31st day of January 2025.

**CITY OF WAINWRIGHT**

  
\_\_\_\_\_  
Cheryl Parik

**VILLAGE OF WAINWRIGHT**

  
\_\_\_\_\_  
Billy Blair Patkotak

**OLGOONIK CORPORATION**

  
\_\_\_\_\_  
Hugh Patkotak, Sr.

**NORTH SLOPE BOROUGH PLANNING COMMISSION  
RESOLUTION 2025-06**

**A RESOLUTION RECOMMENDING THAT THE  
NORTH SLOPE BOROUGH ASSEMBLY  
APPROVE THE CIP PROJECT REQUEST FOR  
FUNDING THROUGH CIP ORDINANCE 2025-10**

**WHEREAS**, the North Slope Borough Municipal Code (NSBMC) § 19.30.050(B) requires the North Slope Borough (NSB) Planning Commission to annually review NSB's Capital Improvement Program (CIP) and submit its recommendations on the program to the Assembly; and

**WHEREAS**, the Planning Commission is charged with providing annual recommendations to the NSB Mayor and through him to the Assembly of projects to be funded through the annual CIP Ordinance; and

**WHEREAS**, the NSB Planning Commission, has completed an extensive review and deliberation concerning projects submitted by the respective Departments of NSB, the NSB School District, Ilisagvik College, Communities of the North Slope Borough, as well as Federally Recognized Entities of the NSB.

**NOW, THEREFORE, BE IT RESOLVED THAT:**

The North Slope Borough Planning Commission recommends to the NSB Mayor and the NSB Assembly that the following 51 project proposals be funded through CIP Ordinance 2025-10 at the level indicated in the total amount of (\$200,000,000.00).

**SECTION 06. EDUCATION & SERVICE CENTER FACILITIES: \$33,379,000**

**CIP No. 56-195. Tikigaq School Major Renovation & Gym Addition Final Phase.**

Budgetary Guideline Revision: increase of \$1,500,000.00. in new G/O. bond funds are being requested.

**CIP No. 56-206. New Kaveolook School.**

Budgetary Guideline Revision: increase of \$20,000,000.00. in new G/O. bond funds are being requested.

**CIP No. 56-NEW1 HVAC Upgrades.**

Budgetary Guideline Revision: increase of \$2,500,000.00. in new G/O. bond funds are being requested.

**CIP No. 56-NEW2 Intercom Telecom Upgrades.**

Budgetary Guideline Revision: increase of \$1,000,000.00. in new G/O. bond funds are being requested.

**CIP No. 56-NEW3 DDC Control System Upgrades.**

Budgetary Guideline Revision: increase of \$1,500,000.00. in new G/O. bond funds are being requested.

**CIP No. 56-NEW4 Fire System Upgrades.**

Budgetary Guideline Revision: increase of \$3,379,000.00. in new G/O. bond funds are being requested.

**CIP No. 56-NEW5 Heating System Upgrades.**

Budgetary Guideline Revision: increase of \$2,000,000.00. in new G/O. bond funds are being requested.

**CIP No. 56-NEW10 DW Technology Refresh.**

Budgetary Guideline Revision: increase of \$1,500,000.00. in new G/O. bond funds are being requested.

**SECTION 07. PUBLIC ROADS, STREETS, WATERCOURSES & FLOOD CONTROL \$7,000,000**

**CIP No. 57-268 Barrow Coastal Erosion Mitigation.**

Budgetary Guideline Revision: increase of \$7,000,000.00. in new G/O. bond funds are being requested.

**SECTION 09. WATER FACILITIES \$41,240,000**

**CIP No. 59-142. New BRW Residential Water & Sewer Connections.**

Budgetary Guideline Revision: increase of \$4,099,000.00. in new G/O. bond funds are being requested.

**CIP No. 59-149. Areawide Water Storage Tank Upgrades.**

Budgetary Guideline Revision: increase of \$7,800,000.00. in new G/O. bond funds are being requested.

**CIP No. 59-154. AW Residential Water Holding Tanks.**

Budgetary Guideline Revision: increase of \$1,100,000.00. in new G/O. bond funds are being requested.

**CIP No. 59-155. Areawide Water System Update.**

Budgetary Guideline Revision: increase of \$10,000,000.00. in new G/O. bond funds are being requested.

**CIP No. 59-160. Water & Sewer Facility HVAC & Digital Control Upgrades.**

Budgetary Guideline Revision: increase of \$1,400,000.00. in new G/O. bond funds are being requested.

**CIP No. 59-161. Areawide WTP Project Upgrades.**

Budgetary Guideline Revision: increase of \$1,870,000.00. in new G/O. bond funds are being requested.

**CIP No. 59-164. Areawide AMI Remote Water Service Metering.**

Budgetary Guideline Revision: increase of \$523,000.00. in new G/O. bond funds are being requested.

**CIP No. 59-NEW3. UTQ AG Water & Sewer Upgrades.**

Budgetary Guideline Revision: increase of \$14,448,000.00. in new G/O. bond funds are being requested.

**SECTION 10. SEWAGE TREATMENT DISPOSAL FACILITIES \$34,582,000**

**CIP No. 60-107. Areawide Sewage Tanks.**

Budgetary Guideline Revision: increase of \$2,500,000.00. in new G/O. bond funds are being requested.

**CIP No. 60-111. AW Sewage Lagoon Upgrades Phase III.**

Budgetary Guideline Revision: increase of \$3,596,000.00. in new G/O. bond funds are being requested.

**CIP No. 60-118. Village Heavy Equipment Major Repair.**

Budgetary Guideline Revision: increase of \$1,978,000.00. in new G/O. bond funds are being requested.

**CIP No. 60-119. Barrow Heavy Equipment Major Repair.**

Budgetary Guideline Revision: increase of \$2,200,000.00. in new G/O. bond funds are being requested.

**CIP No. 60-120. B.U.S Pump Station #5 Upgrade Ph II.**

Budgetary Guideline Revision: increase of \$1,942,000.00. in new G/O. bond funds are being requested.

**CIP No. 60-122. Areawide Waste Water Treatment Plant Upgrades.**

Budgetary Guideline Revision: increase of \$3,400,000.00. in new G/O. bond funds are being requested.

**CIP No. 60-123. Areawide Sewer System Upgrades.**

Budgetary Guideline Revision: increase of \$2,400,000.00. in new G/O. bond funds are being requested.

**CIP No. 60-125. Barrow Utilidor System Upgrades.**

Budgetary Guideline Revision: increase of \$4,050,000.00. in new G/O. bond funds are being requested.

**CIP No. 60-126. Areawide Water Sewer Equipment.**

Budgetary Guideline Revision: increase of **\$1,225,000.00**. in new G/O. bond funds are being requested.

**CIP No. 60-128. AW WWTP Controls Upgrade.**

Budgetary Guideline Revision: increase of **\$160,000.00**. in new G/O. bond funds are being requested.

**CIP No. 60-129. Vacuum Service Connection Upgrade.**

Budgetary Guideline Revision: increase of **\$2,931,000.00**. in new G/O. bond funds are being requested.

**CIP No. 60-130. BUS WWTP Membranes Upgrades.**

Budgetary Guideline Revision: increase of **\$4,800,000.00**. in new G/O. bond funds are being requested.

**CIP No. 60-NEW1. AIN Septage Receiving Station.**

Budgetary Guideline Revision: increase of **\$2,500,000.00**. in new G/O. bond funds are being requested.

**CIP No. 60-NEW2. BUS Pump Station 1.**

Budgetary Guideline Revision: increase of **\$900,000.00**. in new G/O. bond funds are being requested.

**SECTION 13. LIGHT, POWER & HEATING SYSTEMS \$17,250,000**

**CIP No. 63-228. AW Tank Upgrade/Major Repairs.**

Budgetary Guideline Revision: increase of **\$7,600,000.00**. in new G/O. bond funds are being requested.

**CIP No. 63-251. Areawide Power Grid Preservation.**

Budgetary Guideline Revision: increase of **\$1,300,000.00**. in new G/O. bond funds are being requested.

**CIP No. 63-258. Areawide VLG Power Distribution Grid Upgrade.**

Budgetary Guideline Revision: increase of **\$5,200,000.00**. in new G/O. bond funds are being requested.

**CIP No. 63-279. Areawide Power Generation Upgrade.**

Budgetary Guideline Revision: increase of **\$1,500,000.00**. in new G/O. bond funds are being requested.

**CIP No. 63-NEW1. 250K Fuel Tank.**

Budgetary Guideline Revision: increase of **\$1,650,000.00**. in new G/O. bond funds are being requested.

**SECTION 14. SEARCH & RESCUE \$21,960,000**

**CIP No. 64-136. AW189 Helicopter Purchase.**

Budgetary Guideline Revision: increase of \$21,960,000.00. in new G/O. bond funds are being requested.

**SECTION 15. SANITARY FACILITIES \$4,428,000**

**CIP No. 65-NEW1 Old Barrow Landfill Lagoon Armor.**

Budgetary Guideline Revision: increase of \$3,328,000.00. in new G/O. bond funds are being requested.

**CIP No. 65-NEW2 Barrow TOS Replacement.**

Budgetary Guideline Revision: increase of \$1,100,000.00. in new G/O. bond funds are being requested.

**SECTION 18. GENERAL CAPITAL PROJECTS: \$40,161,000**

**CIP No. 68-041. Project Analysis Reports.**

Budgetary Guideline Revision: increase of \$500,000.00. in new G/O. bond funds are being requested.

**CIP No. 68-054. Areawide Light Duty Vehicles.**

Budgetary Guideline Revision: increase of \$1,000,000.00. in new G/O. bond funds are being requested.

**CIP No. 68-065. Areawide High Efficiency Lighting & Facility Controls.**

Budgetary Guideline Revision: increase of \$500,000.00. in new G/O. bond funds are being requested.

**CIP No. 68-102. Nuiqsut Facility Upgrade.**

Budgetary Guideline Revision: increase of \$150,000.00. in new G/O. bond funds are being requested.

**CIP No. 68-105. Point Hope Facility Upgrade.**

Budgetary Guideline Revision: increase of \$561,000.00. in new G/O. bond funds are being requested.

**CIP No. 68-106. Wainwright Facility Upgrade.**

Budgetary Guideline Revision: increase of \$28,000.00. in new G/O. bond funds are being requested.

**CIP No. 68-108. Point Lay Facility Upgrade.**

Budgetary Guideline Revision: increase of \$1,017,000.00. in new G/O. bond funds are being requested.

**CIP No. 68-109. Barrow Facility Upgrades.**

Budgetary Guideline Revision: increase of **\$3,465,000.00**. in new G/O. bond funds are being requested.

**CIP No. 68-113. NUI PW Shop Replcmt Design**

Budgetary Guideline Revision: increase of **\$2,200,000.00**. in new G/O. bond funds are being requested.

**CIP No. 68-124. Wainwright Power Plant.**

Budgetary Guideline Revision: increase of **\$20,000,000.00**. in new G/O. bond funds are being requested.

**CIP No. 68-126. HBTC Facility Upgrades.**

Budgetary Guideline Revision: increase of **\$844,000.00**. in new G/O. bond funds are being requested.

**CIP No. 68-NEW3. Point Hope Search & Rescue Upgrades.**

Budgetary Guideline Revision: increase of **\$5,280,000.00**. in new G/O. bond funds are being requested.


**CIP No. 68-NEW5. Barrow Transit Building Roof.**


Budgetary Guideline Revision: increase of **\$440,000.00**. in new G/O. bond funds are being requested.

**CIP No. 68-NEW6. Wainwright Shop Parking.**

Budgetary Guideline Revision: increase of **\$4,176,000.00**. in new G/O. bond funds are being requested.

**THAT** a copy of this Resolution be forwarded to the North Slope Borough Clerk.

  
\_\_\_\_\_  
Esther S. Hugo, Clerk  
Date: 4/25/25

  
\_\_\_\_\_  
Paul Bodfish, Chairman  
Date: 4/25/25

# Ordinance 2025-10

## Summary of Funding Sources

Section/Project	G.O. Bonds	L.O.I.	Other Funds	Amount
<b><u>SECTION 6 EDUCATION &amp; SERVICE CENTER FACILITIES</u></b>				
56-195 TIK School Major Renovation	\$1,500,000	\$0	\$0	\$1,500,000
56-206 New Kaveolook School	\$20,000,000	\$0	\$0	\$20,000,000
56-207 (NEW) Fire System Upgrades	\$3,379,000	\$0	\$0	\$3,379,000
56-208 (NEW) Heating System Upgrades	\$2,000,000	\$0	\$0	\$2,000,000
56-209 (NEW) HVAC Upgrade	\$2,500,000	\$0	\$0	\$2,500,000
56-210 (NEW) DDC Control System Upgrade	\$1,500,000	\$0	\$0	\$1,500,000
56-211 (NEW) Intercom Telecom Upgrades	\$1,000,000	\$0	\$0	\$1,000,000
56-212 (NEW) DW Technology Refresh	\$1,500,000	\$0	\$0	\$1,500,000
Total Section 6	\$33,379,000	\$0	\$0	\$33,379,000
<b><u>SECTION 7 PUBLIC ROADS, STREETS, WATERCOURSES &amp; FLOOD CONTROL</u></b>				
57-268 Barrow Coastal Erosion Mitigation	\$7,000,000	\$0	\$0	\$7,000,000
Total Section 7	\$7,000,000	\$0	\$0	\$7,000,000
<b><u>SECTION 9 WATER FACILITIES</u></b>				
59-142 New Resi W&S Connection	\$4,099,000	\$0	\$0	\$4,099,000
59-149 AW Water Storage Tank Upgrades	\$7,800,000	\$0	\$0	\$7,800,000
59-154 AW Institutional, Commercial and Residential Water Holding Tanks	\$1,100,000	\$0	\$0	\$1,100,000
59-155 Areawide Water System Update	\$7,800,000	\$2,200,000	\$0	\$10,000,000
59-160 W&S Facility HVAC & Digital CO	\$1,400,000	\$0	\$0	\$1,400,000
59-161 AW WTP Process Upgrades	\$1,870,000	\$0	\$0	\$1,870,000
59-164 AW AMI Remote Water Service Metering	\$523,000	\$0	\$0	\$523,000
59-165 (NEW) UTQ AG W&S Upgrades	\$14,448,000	\$0	\$0	\$14,448,000
Total Section 9	\$39,040,000	\$2,200,000	\$0	\$41,240,000
<b><u>SECTION 10 SEWAGE TREATMENT DISPOSAL FACILITIES</u></b>				
60-107 Areawide Sewage Tanks	\$2,500,000	\$0	\$0	\$2,500,000
60-111 AW SEWAGE LGN UPGRD PHV	\$3,596,000	\$0	\$0	\$3,596,000
60-118 AW Outfall Pipeline Upgrades	\$1,978,000	\$0	\$0	\$1,978,000
60-119 AW Heat Trace Panel Upgrades	\$2,200,000	\$0	\$0	\$2,200,000
60-120 BUS Pump Station #5 Upgd Ph II	\$1,942,000	\$0	\$0	\$1,942,000
60-122 Areawide WWTP Upgrades	\$3,400,000	\$0	\$0	\$3,400,000
60-123 Areawide Sewer System Upgrade	\$2,400,000	\$0	\$0	\$2,400,000
60-125 Barrow Utility System Upgrade	\$4,050,000	\$0	\$0	\$4,050,000
60-126 Areawide Water & Sewer Equipment	\$1,225,000	\$0	\$0	\$1,225,000
60-128 AW WWTP Controls Upgrade	\$160,000	\$0	\$0	\$160,000
60-129 Vacuum Service Connection Upgrade	\$2,931,000	\$0	\$0	\$2,931,000
60-130 BUS WWTP Membranes Upgrades	\$4,800,000	\$0	\$0	\$4,800,000
60-132 (NEW) AIN Septage Receiving Station	\$2,500,000	\$0	\$0	\$2,500,000
60-133 (NEW) BUS Pump Station 1	\$900,000	\$0	\$0	\$900,000
Total Section 10	\$34,582,000	\$0	\$0	\$34,582,000
<b><u>SECTION 13 LIGHT, POWER &amp; HEATING SYSTEMS</u></b>				
63-228 AW Tank Upgrade/Major Repairs	\$5,970,000	\$1,630,000	\$0	\$7,600,000
63-251 AW Power Grid Preservation	\$1,300,000	\$0	\$0	\$1,300,000
63-258 AW VLG Power Distribution Grid Upgrade	\$5,200,000	\$0	\$0	\$5,200,000
63-279 AW Power Generation Upgrade	\$1,500,000	\$0	\$0	\$1,500,000
63-287 (NEW) 250K Fuel Tank	\$0	\$1,650,000	\$0	\$1,650,000
Total Section 13	\$13,970,000	\$3,280,000	\$0	\$17,250,000
<b><u>SECTION 14 PUBLIC SAFETY FACILITIES</u></b>				
64-136 2-AW189 Helicopters	\$21,960,000	\$0	\$0	\$21,960,000
Total Section 14	\$21,960,000	\$0	\$0	\$21,960,000
<b><u>SECTION 15 SANITARY FACILITIES</u></b>				
65-110 (NEW) Old Barrow Landfill Lagoon Armor	\$3,328,000	\$0	\$0	\$3,328,000
65-111 (NEW) Barrow TOS Replacement	\$1,100,000	\$0	\$0	\$1,100,000
Total Section 15	\$4,428,000	\$0	\$0	\$4,428,000
<b><u>SECTION 18 GENERAL CAPITAL PROJECTS</u></b>				
68-041 Project Analysis Report	\$500,000	\$0	\$0	\$500,000
68-054 Areawide Light Duty Vehicles	\$1,000,000	\$0	\$0	\$1,000,000
68-065 AW High Efficiency Lighting & Facility Controls	\$500,000	\$0	\$0	\$500,000
68-102 Nuiqsut Facility Upgrade	\$150,000	\$0	\$0	\$150,000
68-105 Point Hope Facility Upgrade	\$561,000	\$0	\$0	\$561,000

## Ordinance 2025-10 Summary of Funding Sources

Section/Project	G.O. Bonds	L.O.I.	Other Funds	Amount
68-106 Wainwright Facility Upgrade	\$28,000	\$0	\$0	\$28,000
68-108 Point Lay Facility Upgrade	\$1,017,000	\$0	\$0	\$1,017,000
68-109 Barrow Facility Upgrades	\$3,465,000	\$0	\$0	\$3,465,000
68-113 NUI PW Shop Replacement Design	\$2,200,000	\$0	\$0	\$2,200,000
68-124 Wainwright Power Plant	\$15,780,000	\$4,220,000	\$0	\$20,000,000
68-126 HBTC Facility Upgrades	\$844,000	\$0	\$0	\$844,000
68-127 (NEW) Point Hope Search & Rescue Upgrades	\$5,280,000	\$0	\$0	\$5,280,000
68-128 (NEW) Barrow Transit Building Roof	\$440,000	\$0	\$0	\$440,000
68-129 (NEW) AIN Shop Parking	\$3,876,000	\$300,000	\$0	\$4,176,000
Total Section 18	\$35,641,000	\$4,520,000	\$0	\$40,161,000
<b>TOTAL OF ALL SECTIONS</b>	<b>\$190,000,000</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$200,000,000</b>

Ordinance 2025-10

NOTES: L.O.I. Total is \$10,000,000

**LETTER OF INTENT  
ORDINANCE 2025-10**

The North Slope Borough, Alaska intends to temporarily pay a portion of the expenditures for the facilities and properties listed below with Ten Million dollars (\$10,000,000) to be transferred from the Borough's Capital Reserve and to reimburse the Capital Reserve fund with proceeds of debt, the interest on which is excludable from gross income under Section 103 of the Internal Revenue Code of 1986, as amended. A more detailed description of the facilities and properties may be obtained from the Department of Finance of the North Slope Borough. The Borough reasonably expects that the source of funds to be used to pay debt service on the debt issued to reimburse such expenditures will be general tax revenues.

**Description of Intent**

<u>Project No.</u>	<u>General character, type of purpose</u>	<u>Anticipated size/quantity/cost</u>
<b>SECTION 09</b>		
59-155	Areawide Water System Update	\$2,200,000
<b>SECTION 13</b>		
63-228	AW Tank Upgrade/Major Repairs	\$1,630,000
63-287	(NEW) 250K Fuel Tank	\$1,650,000
<b>SECTION 18</b>		
68-124	Wainwright Power Plant	\$4,220,000
68-129	(NEW) AIN Shop Parking	\$ 300,000

Dated this \_\_\_\_ day of \_\_\_\_\_, 2025

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Josiah A. Patkotak  
Mayor  
North Slope Borough, Alaska



**North Slope  
Borough  
Six-Year  
Capital Plan**

	2025	2026	2027	2028	2029	2030
New GO Bond	\$200,000,000	\$414,437,832	\$254,356,000	\$166,740,000	\$65,940,000	\$64,940,000
Other (grants, private)		\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
<b>Total Program</b>	<b>\$200,000,000</b>	<b>\$429,437,832</b>	<b>\$274,356,000</b>	<b>\$186,740,000</b>	<b>\$85,940,000</b>	<b>\$84,940,000</b>
Expansion	\$61,607,000	\$171,356,222	\$94,635,000	\$57,390,000	\$9,390,000	\$23,390,000
Upgrades	\$138,393,000	\$258,081,610	\$179,721,000	\$129,350,000	\$76,550,000	\$61,550,000

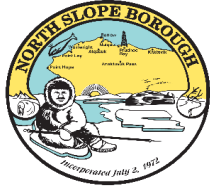
Project #	Project Description	2025	2026	2027	2028	2029	2030
<b>SECTION 06 - EDUCATIONAL FACILITIES</b>		<b>\$33,379,000</b>	<b>\$64,312,450</b>	<b>\$15,000,000</b>	<b>\$14,000,000</b>	<b>\$0</b>	<b>\$0</b>
	<i>Expansion of existing programs listed below</i>	\$20,000,000	\$54,000,000	\$15,000,000	\$14,000,000	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$13,379,000	\$10,312,450	\$0	\$0	\$0	\$0
56-192	KALI SCHOOL FAC.RENO PH1	Closing					
56-195	TIK SCHOOL MAJOR RENOVATN	\$1,500,000		Closing			
56-197	MEADE RIVER SCHOOL RENOVATN		Closing				
56-199	BRW LEARNING CENTER PH-I	Closing					
56-201	DISTRICTWIDE FAC.RENOVATION UP			Closing			
56-202	BHS RENOVATION PHASE I		\$27,000,000		\$14,000,000		
56-203	ALAK SCHOOL RENOVATION PH1		\$12,000,000	\$15,000,000			
56-204	ILISAGVIK NEW FACILITY PH1	Closing					
56-205	VOCATIONAL EDUCATN FACILITIES	Closing					
56-206	NEW KAVEOLOOK SCHOOL	\$20,000,000	\$15,000,000				
56-207	Fire System Upgrades	\$3,379,000					
56-208	Heating System Upgrades	\$2,000,000	\$2,380,000				
56-209	HVAC Upgrade	\$2,500,000	\$1,279,000				
56-210	DDC Control System Upgrade	\$1,500,000	\$750,000				
56-211	Intercom Telecom Upgrades	\$1,000,000	\$450,000				
56-NEW13	Transportation Building Upgrade		\$3,000,000				
56-NEW 6	Lighting Emergency & Exterior		\$990,000				
56-212	DW Technology Refresh	\$1,500,000	\$925,450				
56-NEW 8	Power Distribution		\$53,000				
56-NEW 9	Security Systems Upgrades		\$350,000				
56-NEW 12	Electrical Service		\$135,000				
<b>SECTION 07 - ROADS, STREETS, &amp; WATERCOURSES</b>		<b>\$7,000,000</b>	<b>\$59,588,800</b>	<b>\$22,035,000</b>	<b>\$24,690,000</b>	<b>\$19,690,000</b>	<b>\$24,690,000</b>
	<i>Expansion of existing programs listed below</i>	\$7,000,000	\$27,351,000	\$7,035,000	\$4,690,000	\$4,690,000	\$4,690,000
	<i>Upgrades to existing programs listed below</i>	\$0	\$32,237,800	\$15,000,000	\$20,000,000	\$15,000,000	\$20,000,000
57-230	PLAT & SURV DED RHT OF WAY	Closing					
57-239	ARWD SNOW FENCE UPGRADE	Closing					
57-241	AREAWIDE EMERGENCY RESPONSE						
57-251	BRW ARCTIC RESEARCH CENTER RD		\$20,000,000				
57-264	AKP MUSEUM ACCESS ROAD	Closing					
57-268	BRW COASTAL EROSN MITIGATN	\$7,000,000	\$7,351,000	\$7,035,000	\$4,690,000	\$4,690,000	\$4,690,000
57-269	PHO COASTAL EROSN MITIGATN	Closing					
57-270	NUNAVAAK ROAD UPGRADE PH.1	Closing					
57-271	PHO ROAD RESURFACING PH.1						
57-272	NSB GRAVEL		\$12,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000
57-273	AW ROAD STAB.UPGRADE	Closing					
57-274	POINT LAY DRAINAGE DESIGN						

Project #	Project Description	2025	2026	2027	2028	2029	2030
57-275	POINT HOPE NEW SUBD.ROADS		Closing				
57-277	AW ROAD IMPROVEMENT PROJECT		\$5,000,000		\$5,000,000		\$5,000,000
57-279	BRW GASWELL RD.UPGRD PH.I		\$14,737,800	\$12,000,000	\$12,000,000	\$12,000,000	\$12,000,000
57-280	UTQIAGVIK 2017 STORM RECOVERY						
<b>SECTION 08 - PUBLIC HOUSING</b>		<b>\$0</b>	<b>\$15,000,000</b>	<b>\$0</b>	<b>\$15,000,000</b>	<b>\$0</b>	<b>\$0</b>
	<i>Expansion of existing programs listed below</i>	\$0	\$15,000,000	\$0	\$15,000,000	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0
58-166	AREA WIDE RESIDENTIAL HOUSING		Closing				
58-167	AW NSB HOMES/MULTI-FAMILY UNIT		\$15,000,000		\$15,000,000		
<b>SECTION 09 - WATER FACILITIES</b>		<b>\$41,240,000</b>	<b>\$96,082,500</b>	<b>\$87,900,000</b>	<b>\$77,200,000</b>	<b>\$37,700,000</b>	<b>\$22,200,000</b>
	<i>Expansion of existing programs listed below</i>	\$5,722,000	\$12,924,500	\$10,900,000	\$5,000,000	\$500,000	\$0
	<i>Upgrades to existing programs listed below</i>	\$35,518,000	\$83,158,000	\$77,000,000	\$72,200,000	\$37,200,000	\$22,200,000
59-137	ATQ WS Connections	Closed					
59-138	NUI W&S Connection - PH.2	Closed					
59-142	NEW RESI W&S CONNECTION	\$4,099,000	\$5,000,000		\$5,000,000		
59-145	AIN WATER TREATMENT PLANT UPG		\$5,000,000				
59-148	AKP W/S CONNECTIONS PH I				Closing		
59-149	AW WATER STORAGE TANK UPGDS	\$7,800,000	\$10,000,000	\$8,000,000	\$7,000,000		
59-150	AW WATER PLANT SCADA SYSTEM	Closing					
59-151	P.LAY W/S UPGRADE PH.1		\$30,000,000	\$30,000,000	\$30,000,000		
59-152	BUS SERVICE CONNCTN UPGRADE		\$2,558,000		\$2,000,000		
59-153	BUS SCADA SYSTEM DESIGN						
59-154	AW RESIDENTIAL WATER TANKS	\$1,100,000		\$500,000		\$500,000	
59-155	AREAWIDE WATER SYSTEM UPDATE	\$10,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000
59-156	AKP WATER WELL			Closing			
59-157	AW PUMPS VFD'S	Closing					
59-158	PIZ DRINKING WATER SOURCE DEV						
59-159	AW SECONDARY WATER SOURCE		\$6,700,000	\$10,400,000			
59-160	W&S FACILITY HVAC & DIGITAL CO	\$1,400,000	\$1,500,000	\$1,500,000			
59-161	AW WTP PROCESS UPGRADES	\$1,870,000	\$1,500,000	\$1,500,000	\$1,200,000	\$1,200,000	\$1,200,000
59-162	Areawide Water and Sewer Connections						
59-163	AIN W&S Blair Street Mains Upgrades		\$200,000				
59-164	AW AMI Remote Water Service Metering	\$523,000	\$1,224,500				
59-New 1	AIN W&S System Major Upgrade				\$15,000,000		
59-New 2	NUI AG W&S Conections		\$3,000,000	\$15,000,000			
59-165	UTQ AG W&S Upgrades	\$14,448,000	\$10,000,000	\$15,000,000	\$5,000,000	\$15,000,000	
59-New 4	AKP AG W&S Upgrades		\$13,400,000				
59-New 5	ATQ AG W&S Conections				\$6,000,000	\$15,000,000	\$15,000,000
<b>SECTION 10 - SEWAGE TREATMENT DISPOSAL FACILITIES</b>		<b>\$34,582,000</b>	<b>\$52,211,722</b>	<b>\$35,351,000</b>	<b>\$17,000,000</b>	<b>\$20,100,000</b>	<b>\$17,200,000</b>
	<i>Expansion of existing programs listed below</i>	\$3,725,000	\$4,800,722	\$3,200,000	\$1,200,000	\$3,200,000	\$1,200,000
	<i>Upgrades to existing programs listed below</i>	\$30,857,000	\$47,411,000	\$32,151,000	\$15,800,000	\$16,900,000	\$16,000,000
60-107	AREAWIDE SEWAGE TANKS	\$2,500,000	\$2,800,722	\$2,000,000		\$2,000,000	
60-111	AW SEWAGE LGN-UPGRD PHIII	\$3,596,000		TBD			
60-118	AW OUTFALL PIPELINE UPGRADE	\$1,978,000					
60-119	AW Heat Trace Panel Upgrades	\$2,200,000	\$2,200,000		TBD		
60-120	BUS PUMP STATION #5 DESIGN	\$1,942,000				Closing	
60-121	AW VACUUM STATION UPGRADE		\$600,000				

Project #	Project Description	2025	2026	2027	2028	2029	2030
60-122	AW WWTP UPGRADES	\$3,400,000	\$13,464,000	\$8,000,000	\$5,500,000	\$5,500,000	\$5,500,000
60-123	AREAWIDE SEWER SYSTEM UPGRADE	\$2,400,000	\$2,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000
60-124	PIZ WWTP R STATION PHI	Closing					
60-125	BARROW UTILITY SYSTEM UPGRADE	\$4,050,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000
60-126	AREAWIDE WATER&SEWER EQUIP	\$1,225,000	\$2,000,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000
60-127	AREAWIDE LIFT STATION UPGRADES	Closing					
60-128	AW WWTP CONTROLS UPGRADE	\$160,000	\$330,000				
60-129	VACUUM SERVICE CONNECTION UPGR	\$2,931,000		\$1,951,000		\$1,000,000	
60-130	BUS WWTP MEMBRANES UPGRADES	\$4,800,000	\$5,400,000		Closing		
60-131	AW WWTP MCC REPLACEMENT		\$1,115,000	\$1,200,000	\$1,300,000	\$1,400,000	\$1,500,000
60-132	AIN Septage Receiving Station	\$2,500,000	\$15,098,000				
60-133	BUS Pump Station 1	\$900,000	\$704,000	\$12,000,000			
<b>SECTION 11 - AIRPORT TERMINAL FACILITIES</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<i>Expansion of existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0
61-044	AREAWIDE AIRPORT UPGRADES						
61-067	ATQ AIRPORT REHABILITATION	Closing					
61-068	AW AIRPORT PASSENGER SHLTR	Closing					
61-069	AKP AIRPORT LIGHTING	Closing					
<b>SECTION 13 - LIGHT, POWER AND HEATING SYSTEMS</b>		<b>\$17,250,000</b>	<b>\$39,014,360</b>	<b>\$12,250,000</b>	<b>\$9,500,000</b>	<b>\$4,250,000</b>	<b>\$1,500,000</b>
	<i>Expansion of existing programs listed below</i>	\$0	\$5,000,000	\$0	\$0	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$17,250,000	\$34,014,360	\$12,250,000	\$9,500,000	\$4,250,000	\$1,500,000
63-205	AW HAZARDOUS MATERIAL DISPOSAL	Closing					
63-222	AREAWIDE WASTE HEAT RECOVERY	TBD					
63-228	A/W TANK UPGRADE/MAJOR REPAIRS	\$7,600,000	\$7,830,960	\$8,000,000	\$8,000,000		
63-251	AW POWER GRID PRESERVATION	\$1,300,000		\$250,000		\$250,000	
63-258	AW VLG POWER DIST GRID UPGRADE	\$5,200,000	\$5,000,000	\$2,000,000		\$2,000,000	
63-260	NUI H2S GAS SCRUBBER	Closing					
63-261	FUEL TANK TRUCK LOAD RACK		\$2,000,000		Closing		
63-265	AW ELECTRICAL METERING		\$625,000			TBD	
63-270	AW STREET LIGHTING	Closing					
63-271	NUIQSUT NATURAL GAS PIPELINE	Closing					
63-274	BRW MARINE HDR RELOC PH.1*	TBD	\$5,000,000			Closing	
63-275	BRW NARL GAS PIPELINE PH.1	TBD	\$5,000,000				
63-276	BRW GAS FIELD UNIFIED UPGR			\$250,000		\$250,000	
63-278	NEW AKP POWER PLANT UPGRADE	Closing					
63-279	AW POWER GENERATION UPGRADE	\$1,500,000	\$7,058,400	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000
63-280	BGF PIG LAUNCHER PH.I	Closing					
63-281	EAST END BARROW UTILITIES INST*	Closing					
63-282	AW CATHODIC PROTECTION SYS UPG	TBD	Closing				
63-283	BUECI Centaur 1 Turbine & Gearbox Overhaul	Closing					
63-284	BUECI Switchgear Replacement			Closing			
63-285	Nuiqsut Power Plant Natural Gas Line Upgrade			Closing			
63-286	NUI Natural Gas Unified Upgrades			\$250,000		\$250,000	
63-287	250K Fuel Tank	\$1,650,000	\$6,500,000				
<b>SECTION 14 - PUBLIC SAFETY FACILITIES</b>		<b>\$21,960,000</b>	<b>\$36,780,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<i>Expansion of existing programs listed below</i>	\$21,960,000	\$26,780,000	\$0	\$0	\$0	\$0

Project #	Project Description	2025	2026	2027	2028	2029	2030
	<i>Upgrades to existing programs listed below</i>	\$0	\$10,000,000	\$0	\$0	\$0	\$0
64-116	AW F.STATN FLR RPLMT PHII	TBD	\$10,000,000				
64-124	AW FIRE DEPT EQUIPMT UPGRADE						
64-125	HELICOPTER REPLACEMENT		Closing				
64-128	AW FIRE DEPT PP&E UPGRADES						
64-131	S&R AIRCRAFT PARTS & PPE						
64-132	NSB PSO FACILITY PH1 DESIGN	TBD					
64-133	BRW PSO STAND-BY GENERATOR		Closing				
64-134	PHO S&R UPGRADES		Closing				
64-135	Police Department Software System Upgrade						
64-136	2-AW189 Helicopters	\$21,960,000	\$26,780,000	Closing			
<b>SECTION 15 - SANITARY FACILITIES</b>		<b>\$4,428,000</b>	<b>\$19,784,000</b>	<b>\$21,000,000</b>	<b>\$12,500,000</b>	<b>\$0</b>	<b>\$0</b>
	<i>Expansion of existing programs listed below</i>	\$0	\$10,500,000	\$0	\$2,500,000	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$4,428,000	\$9,284,000	\$21,000,000	\$10,000,000	\$0	\$0
65-088	VILLAGE LANDFILL FENCES	TBD	Closing				
65-095	A/W REMEDIATION OF CONTAMINATE	Closing					
65-101	TOS UPGRADES	TBD	Closing				
65-104	BRW LANDFILL PH. VI		\$7,700,000	\$11,000,000			
65-105	OXBOW LANDFILL EXPANSION*		\$8,000,000				
65-107	AW LANDFILL EXPANSION		\$2,500,000		\$2,500,000		
65-109	AW DUMPSTER BIN REPLACEMT						
65-110	Old Barrow Landfill Lagoon Armor	\$3,328,000					
65-111	Barrow TOS Replacement	\$1,100,000		\$10,000,000	\$10,000,000		
65-904	Hazardous Waste Storage Facility						
65-905	Used Tire Processor		\$1,584,000				
<b>SECTION 17 - COMMUNICATIONS</b>		<b>\$0</b>	<b>\$440,000</b>	<b>\$750,000</b>	<b>\$440,000</b>	<b>\$750,000</b>	<b>\$440,000</b>
	<i>Expansion of existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$0	\$440,000	\$750,000	\$440,000	\$750,000	\$440,000
67-026	AW R-SYSTEM UPGRADE PH.1			\$750,000		\$750,000	
67-034	VESTA E911 SYSTEM UPGRADE		Closing				
67-035	AW COMMUNICATIONS SYSTEM UPGD		\$440,000		\$440,000		\$440,000
67-036	KAK ER RADIO TOWER/SHELT REPLA	Closing					
<b>SECTION 18 - GENERAL CAPITAL</b>		<b>\$40,161,000</b>	<b>\$45,774,000</b>	<b>\$79,000,000</b>	<b>\$15,960,000</b>	<b>\$3,000,000</b>	<b>\$18,460,000</b>
Subtotal	<i>Expansion of existing programs listed below</i>	\$3,200,000	\$15,000,000	\$58,500,000	\$15,000,000	\$1,000,000	\$17,500,000
	<i>Upgrades to existing programs listed below</i>	\$36,961,000	\$30,774,000	\$20,500,000	\$960,000	\$2,000,000	\$960,000
68-041	PROJECT ANALYSIS REPORTS	\$500,000		\$500,000		\$500,000	
68-042	FIRE SYSTEM UPGRADE		\$1,500,000			\$1,500,000	
68-054	AREAWIDE LIGHT DUTY VEHICLES	\$1,000,000		\$1,000,000		\$1,000,000	
68-063	BGF UPGRADES AND MODERNIZATION		Closing				
68-065	AW HIGH EFFICIENCY LIGHTING &	\$500,000					
68-099	WILDLIFE FACILITY PHASE I*		\$15,000,000	\$10,000,000			
68-101	AIN PW FAC REPLCMT PH I		Closing				
68-102	NUIQSUT FACILITY UPGRADE	\$150,000					
68-103	ANAKTUVUK PASS FAC.UPGRADE						
68-104	ATQASUK FACILITY UPGRADE						
68-105	POINT HOPE FACILITY UPGRADE	\$561,000					
68-106	WAINWRIGHT FACILITY UPGRADE	\$28,000					

Project #	Project Description	2025	2026	2027	2028	2029	2030	
68-107	KAKTOVIK FACILITY UPGRADES							
68-108	POINT LAY FACILITY UPGRADE	\$1,017,000						
68-109	BARROW FACILITY UPGRADES	\$3,465,000						
68-110	WAINWRIGHT HEAVY EQUIPMENT			\$2,000,000			\$2,000,000	
68-111	NUIQSUT HEAVY EQUIPMENT			\$2,000,000			\$2,000,000	
68-112	BRW HEAVY EQUIPMENT			\$3,500,000			\$3,500,000	
68-113	NUI PW SHOP REPLCMT DESIGN	\$2,200,000		\$20,000,000	\$15,000,000			
68-114	ATQ HEAVY EQUIPMENT			\$2,000,000			\$2,000,000	
68-115	KAK HEAVY EQUIPMENT			\$2,000,000			\$2,000,000	
68-116	PHO HEAVY EQUIPMENT			\$2,000,000			\$2,000,000	
68-117	PIZ HEAVY EQUIPMENT			\$2,000,000			\$2,000,000	
68-118	VILLAGE HEAVY EQUIPMENT		\$480,000		\$480,000		\$480,000	
68-119	BRW HEAVY EQPMT MAJOR REPAIR		\$480,000		\$480,000		\$480,000	
68-120	AKP HEAVY EQUIPMENT REPLACEMENT			\$2,000,000			\$2,000,000	
68-121	NEW AKP PUBLIC WORKS SHOP			\$10,000,000				
68-122	AW EQUIPMENT STORAGE STRUCTURE		Closing					
68-123	PLANNING DEPARTMENT UPG & EXT		Closing					
68-124	Wainwright Power Plant	\$20,000,000	\$20,000,000	\$20,000,000				
68-125	NSB Building Network & Door Badging Upgrade							
68-126	HBTC Facility Upgrades	\$844,000						
68-911	Areawide Facility Supervisory Controls		\$660,000					
68-912	Atqasuk Warm Storage Building Floor Upgrades		\$550,000					
68-127	Point Hope Search & Rescure Upgrades	\$5,280,000						
68-914	Point Hope USDW Floor Upgrades		\$880,000					
68-128	Barrow Transit Building Roof	\$440,000						
68-129	AIN Shop Parking	\$4,176,000	\$224,000					
68-917	AW HVAC Upgrades		\$6,000,000					
<b>SECTION 19 - HEALTH FACILITIES</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
	<i>Expansion of existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0	
	<i>Upgrades to existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0	
69-075	BRW HOMELESS ASSIS SLTR DESIGN		TBD					
69-076	BEHAVIOR HLTH COMPLEX PH1		TBD					
<b>SECTION 20 - LIBRARY &amp; CULTURAL FACILITIES</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
	<i>Expansion of existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0	
	<i>Upgrades to existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0	
70-001	TUZZY LIBRARY/IHC EXP/RENOVATN		TBD					
70-004	IHLC Archival Project				Closing			
<b>SECTION 22 - ADMINISTRATIVE FACILITIES</b>		<b>\$0</b>	<b>\$450,000</b>	<b>\$1,070,000</b>	<b>\$450,000</b>	<b>\$450,000</b>	<b>\$450,000</b>	
	<i>Expansion of existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0	
	<i>Upgrades to existing programs listed below</i>	\$0	\$450,000	\$1,070,000	\$450,000	\$450,000	\$450,000	
72-016	AW COMPUTER REPLACEMENTS		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	
72-020	AW OFFICE MACHINE REPLACEMENTS		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	
72-025	JDE UPGRADE PHASE I			\$620,000	Closing			



**North Slope  
Borough  
Six-Year  
Capital Plan**

	2025	2026	2027	2028	2029	2030
New GO Bond	\$200,000,000	\$414,437,832	\$254,356,000	\$166,740,000	\$65,940,000	\$64,940,000
Other (grants, private)		\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
<b>Total Program</b>	<b>\$200,000,000</b>	<b>\$429,437,832</b>	<b>\$274,356,000</b>	<b>\$186,740,000</b>	<b>\$85,940,000</b>	<b>\$84,940,000</b>
Expansion	\$61,607,000	\$171,356,222	\$94,635,000	\$57,390,000	\$9,390,000	\$23,390,000
Upgrades	\$138,393,000	\$258,081,610	\$179,721,000	\$129,350,000	\$76,550,000	\$61,550,000

Project #	Project Description	2025	2026	2027	2028	2029	2030
<b>SECTION 06 - EDUCATIONAL FACILITIES</b>		<b>\$33,379,000</b>	<b>\$64,312,450</b>	<b>\$15,000,000</b>	<b>\$14,000,000</b>	<b>\$0</b>	<b>\$0</b>
	<i>Expansion of existing programs listed below</i>	\$20,000,000	\$54,000,000	\$15,000,000	\$14,000,000	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$13,379,000	\$10,312,450	\$0	\$0	\$0	\$0
56-192	KALI SCHOOL FAC.RENO PH1	Closing					
56-195	TIK SCHOOL MAJOR RENOVATN	\$1,500,000		Closing			
56-197	MEADE RIVER SCHOOL RENOVATN		Closing				
56-199	BRW LEARNING CENTER PH-I	Closing					
56-201	DISTRICTWIDE FAC.RENOVATION UP			Closing			
56-202	BHS RENOVATION PHASE I		\$27,000,000		\$14,000,000		
56-203	ALAK SCHOOL RENOVATION PH1		\$12,000,000	\$15,000,000			
56-204	ILISAGVIK NEW FACILITY PH1	Closing					
56-205	VOCATIONAL EDUCATN FACILITIES	Closing					
56-206	NEW KAVEOLOOK SCHOOL	\$20,000,000	\$15,000,000				
56-207	Fire System Upgrades	\$3,379,000					
56-208	Heating System Upgrades	\$2,000,000	\$2,380,000				
56-209	HVAC Upgrade	\$2,500,000	\$1,279,000				
56-210	DDC Control System Upgrade	\$1,500,000	\$750,000				
56-211	Intercom Telecom Upgrades	\$1,000,000	\$450,000				
56-NEW13	Transportation Building Upgrade		\$3,000,000				
56-NEW 6	Lighting Emergency & Exterior		\$990,000				
56-212	DW Technology Refresh	\$1,500,000	\$925,450				
56-NEW 8	Power Distribution		\$53,000				
56-NEW 9	Security Systems Upgrades		\$350,000				
56-NEW 12	Electrical Service		\$135,000				

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 56-195

CIP PROJECT TITLE: TIK School Major Renovation

THIS IS A : \_\_\_\_\_ TITLE CHANGE:  
                   XXX                   **PROJECT SCOPE MODIFICATION**  
                   XXX                   **BUDGETARY GUIDELINE REVISION**  
                   \_\_\_\_\_ **SCHEDULE (or) STATUS REVISION**  
                   \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE - LOI</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$40,642,000		
BUDGET INCREASE	<b>\$1,500,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	<b>\$ 42,142,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$42,142,000</b>		

**SOURCE DESCRIPTION: \$1,500,000 in new G.O. Bonds is being requested**

**PROJECT DESCRIPTION:** This project is for the major renovation of Tikigaq School, and addition of a gymnasium. Project will provide renovation and upgrades of the Pt. Hope Tikigaq School necessary to maintain a functional educational complex, and add a new Gymnasium. Project will include the remediation of structural deficiencies, replacement of exterior windows, doors; siding replacement; repair or upgrade of mechanical & electrical systems, and other factors affecting facility performance. Phase I will provide for project design and construction administration. Phase II provides funding for new construction of gymnasium and exterior renovation of existing school. Final Phase completes the project with interior renovation of original building. **2025-10 funding is for kitchen remodel and upgrades.**

**JUSTIFICATION:** The village schools are a focal point of community involvement and activities, as well as their primary function to support and serve the educational needs of the children. The facility is in fair condition, however deterioration of finishes due to continuous use is apparent. New equipment and appliances including becoming ADA compliant with a final inspection of all systems (plumbing, electrical, equipment).

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 56-206

CIP PROJECT TITLE: New Kaveolook School

THIS IS A : \_\_\_\_\_ NEW PROJECT

XXX \_\_\_\_\_ **PROJECT SCOPE MODIFICATION**

XXX \_\_\_\_\_ **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$34,629,000		\$34,500,000
<b>BUDGET INCREASE</b>	<b>\$20,000,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$54,629,000		\$34,500,000
<b>TOTAL PROJECT AMOUNT</b>	<b>\$89,129,000</b>		

**SOURCE DESCRIPTION: \$20,000,000 in new G.O. bonds funds are being requested.**

**PROJECT DESCRIPTION:** This project is for the design and construction of the Harold Kaveolook School Replacement. This includes the procurement of FF&E and educational materials lost in the fire. **2025-10 is for Phase II of the classroom reconstruction including admin area, classrooms and ancillary space.**

**JUSTIFICATION:** The Harold Kaveolook School was lost in a fire on the evening of February 6, 2020, this project will allow insurance proceeds to be placed and the design and construction of the new school to move forward. Kaktovik students are currently being taught in temporary classrooms which are not connected to the new school building location. This is an annual request to keep the project moving to completion.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 56-207

**CIP PROJECT TITLE:** Fire System Upgrades

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$3,379,000</b>		
<b>BUDGETARY DECREASE</b>			
<b>TOTAL CURRENT BUDGET</b>	<b>\$3,379,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$3,379,000</b>		

**SOURCE DESCRIPTION:** \$3,379,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is upgrade the Fire Sprinkler and Alarm System for Meade River School, Barrow High School and Hopson Middle Schools.

**JUSTIFICATION:** Infrastructure items are failing districtwide as they have not been addressed for many years. This will decrease maintenance costs and increase efficiencies. One-time replacements.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 56-208

**CIP PROJECT TITLE:** Heating System Upgrades

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$2,000,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$2,000,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$2,000,000</b>		

**SOURCE DESCRIPTION:** \$2,000,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding intended to upgrade the Heating System for Nunamuit School, Barrow High School, Hopson Middle Schools and Maintenance and Operations for Utqiagvik buildings.

**JUSTIFICATION:** Infrastructure items are failing districtwide as they have not been addressed for many years. This will decrease maintenance costs and increase efficiencies. One-time replacements.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 56-209

**CIP PROJECT TITLE:** HVAC Upgrades

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$2,500,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$2,500,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$2,500,000</b>		

**SOURCE DESCRIPTION:** \$2,500,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is for Alak School, Nunamuit School, Meade River School, Barrow High School, Ipalook School, Tikigaq School and Kali School

**JUSTIFICATION:** Infrastructure items are failing districtwide as they have not been addressed for many years. This will decrease maintenance costs and increase efficiencies. One-time replacements.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 56-210

**CIP PROJECT TITLE:** DDC Control System Upgrade

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$1,500,000</b>		
<b>BUDGETARY DECREASE</b>			
<b>TOTAL CURRENT BUDGET</b>	<b>\$1,500,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$1,500,000</b>		

**SOURCE DESCRIPTION:** \$1,500,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is intended to upgrade the Direct Digital Control for Nunamuit School, Barrow High School and Hopson Middle Schools.

**JUSTIFICATION:** Infrastructure items are failing districtwide as they have not been addressed for many years. This will decrease maintenance costs and increase efficiencies. One-time replacements.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 56-211

**CIP PROJECT TITLE:** Intercom Telecom Upgrades

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$1,000,000</b>		
<b>BUDGETARY DECREASE</b>			
<b>TOTAL CURRENT BUDGET</b>	<b>\$1,000,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$1,000,000</b>		

**SOURCE DESCRIPTION:** \$1,000,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is intended for Barrow High, Hopson Middle, Ipalook and Kali Schools.

**JUSTIFICATION:** Infrastructure items are failing districtwide as they have not been addressed for many years. This will decrease maintenance costs and increase efficiencies. One-time replacements

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 56-212

**CIP PROJECT TITLE:** DW Technology Refresh

THIS IS A:            XXX            **NEW PROJECT**

XXX            **PROJECT SCOPE MODIFICATION**

XXX            **BUDGETARY GUIDELINE REVISION**

XXX            **JUSTIFICATION MODIFICATION**

                         \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$1,500,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$1,500,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$1,500,000</b>		

**SOURCE DESCRIPTION:** \$1,500,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is intended for districtwide technology refresh of Apple devices.

**JUSTIFICATION:** Infrastructure items are failing districtwide as they have not been addressed for many years. This will decrease maintenance costs and increase efficiencies. One-time replacements.

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT

PROJECT NAME: Tikigaq School Kitchen Remodel & Upgrades

LOCATION: Tikigaq School PHO

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	06-195	TYPE:	Select
DATE SUBMITTED:	3/25/25	AMOUNT REQUESTED:	\$1,500,000
REQUESTING ENTITY:	NSBSP	AMOUNT RECOMMENDED:	\$1,500,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - This request for the Tikigaq School Kitchen Remodel & Upgrades
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - \$ 1,500,000
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)	Tikigaq Kitchen Remodel & Upgrades		\$ 1,000,000
<b>Administration</b> (NSB project management)			\$
<b>Contingency</b> (if not included in other line items)			\$ 500,000

<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$ 1,500,000
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2025?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

- The District understands that funding is limited; however, after months of trying to get a hold of the Contractors, CIPM has received a proposal which could significantly increase (again) if we wait for the next cycle.

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number: 56-195 Tikigaq School Kitchen Remodel & Upgrades

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2025? No  Yes

If No, explain why it should be considered out of sequence:

- The North Slope Borough School District's replacement schedule does not fall under the North Slope Borough's replacement schedule. The NSBSD works with NSB CIP Department to affect needed replacements.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Upfund requested for the following:
  - New Equipment and Appliances**
    - Cooking equipment is propane but piping behind grille leaks propane, so propane system is not in use. Propane systems to be replaced with electric power and cooking equipment.
    - Kitchen hood has commercial grade kitchen with Type 1 exhaust hood and fire suppression. The exhaust fan serving the kitchen hood does not comply with current code requirements.
    - Cooking Equipment: Install new stoves, ovens, fryers, grills, and ventilation systems. Ensure equipment is commercial-grade and energy-efficient.
    - Food Storage: Upgrade refrigerators, freezers, dry storage, and pantry space to ensure food safety and adequate space.
    - Dishwashing Area: Install commercial dishwashers, sinks, and drying areas. Ensure proper drainage and sanitation systems.
  - Safety and Accessibility**
    - Fire Suppression System: Ensure a working fire suppression system is installed in cooking areas as required by code.
    - Non-slip Surfaces: Use non-slip floor materials and consider adding mats in high-traffic areas to prevent accidents.
    - ADA Compliance: Ensure that kitchen counters, sinks, and other areas are accessible to staff with disabilities, if applicable.
    - Emergency Exits and Signage: Ensure that the kitchen has clear, unobstructed emergency exits with proper signage.
  - Finishes and Final Touches**
    - Wall and Ceiling Finishes: Apply finishes that are easy to clean, such as stainless steel or smooth paint.
    - Color Scheme: Choose colors that promote a clean and safe environment, such as whites, light blues, or greens.

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT  
PROJECT NAME: Tikigaq School Kitchen Remodel & Upgrades  
LOCATION: Tikigaq School PHC

- Inspection and Testing: Once the remodel is complete, conduct a thorough inspection to ensure all systems (plumbing, electrical, equipment) work properly.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: Estimations Inc. 2024

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- North Slope Borough School District 10 Year Plan

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION	
<b>Requestor Name and Title: Blake Mikesell, Temporary M&amp;O Director</b>	
<b>Requestor Signature:</b> <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:52 CDT)</small>	<b>Date:</b>
<b>Department Director Name: Blake Mikesell, Temporary M&amp;O Director</b>	
<b>Department Director Signature:</b> <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:52 CDT)</small>	<b>Date:</b>

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT

PROJECT NAME: Tikigaq School Kitchen Remodel & Upgrades

LOCATION: Tikigaq School PHO

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT  
 PROJECT NAME: HAROLD KAVEOLOK SCHOOL REBUILD  
 LOCATION: KAKTOVIK

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	06-206	TYPE:	Select
DATE SUBMITTED:	3/25/25	AMOUNT REQUESTED:	\$20,000,000
REQUESTING ENTITY:	NSBSD	AMOUNT RECOMMENDED:	\$20,000,000

NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
**CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - This request for the Phase II of the classroom reconstruction of Harold Kaveolook School. The total estimate to rebuild the admin area, classrooms and ancillary space is \$40,000,000.
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - \$20,000,000
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)	HAROLD KAVEOLOK SCHOOL REBUILD		\$20,000,000
<b>Administration</b> (NSB project management)			\$

<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$ 20,000,000
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2025?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- This \$20,000,000 will ensure construction will not halt on the next phase of construction which is of the admin space and classrooms.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2025? No  Yes

If No, explain why it should be considered out of sequence:

- The North Slope Borough School District's replacement schedule does not fall under the North Slope Borough's replacement schedule. The NSBSD works with NSB CIP Department to affect needed replacements.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- North Slope Borough School District students in Kaktovik are currently being taught in temporary classrooms which are not connected to the school building currently under construction. No other students in the NSBSD are housed in temporary classrooms.
- This project will replace facilities lost in a fire in 2020.
- This is an annual request to keep the project moving to completion.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No

Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤  
Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)  
Explanation, if necessary:

➤  
Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)  
Explanation, if necessary:

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: Estimations Inc. 2024  
Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- North Slope Borough School District 10 Year Plan

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

REQUESTOR INFORMATION	
<b>Requestor Name and Title:</b> Blake Mikesell, Temporary M&O Director	
<b>Requestor Signature:</b> <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:06 CDT)</small>	<b>Date:</b>
<b>Department Director Name:</b> Blake Mikesell, Temporary M&O Director	
<b>Department Director Signature:</b> <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:06 CDT)</small>	<b>Date:</b>

<b><u>NSB PLANNING DEPARTMENT USE ONLY</u></b>
<b>Summary of PRC and Planning Commission discussion and recommendation:</b> •
<b>Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):</b> •

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT

PROJECT NAME: HVAC UPGRADE REQUEST

LOCATION: Alak School AIN, Nunamiut School AKP, Meade River School ATQ, Barrow High School UTQ, Fred Ipalook Elementary School UTQ, Tikigaq School PHO, & Kali School PIZ

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	06-NEW 1	TYPE:	Select
DATE SUBMITTED:	3/25/25	AMOUNT REQUESTED:	\$3,375,000
REQUESTING ENTITY:	NSBSD	AMOUNT RECOMMENDED:	\$2,500,000

**NORTH SLOPE BOROUGH**  
**PLANNING AND COMMUNITY SERVICES**  
**CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

**1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

➤ **DISTRICT WIDE HVAC UPGRADES**

**1. ALAK SCHOOL, AIN**

Bus Barn - Install ventilation equipment

**2. NUNAMIUT SCHOOL, AKP**

Air handling units at the end of useful life

Dust Collector – Dust collection system does not meet code

Voc-Ed – Wood shop ventilation does not meet requirements.

**3. MEADE RIVER SCHOOL, ATQ**

Boiler Room - Ventilation & combustion air does not appear to operate per code

Kitchen - Ventilation deficiencies

Voc-Ed – Ventilation in woodshop or metal shop do not comply with requirements

**4. BARROW HIGH SCHOOL, UTQ**

Ventilation; heat recovery broken

Dust Collector – Dust does not comply with NFPA 664

**5. FRED IPALOOK ELEMENTARY SCHOOL, UTQ**

Air Handlers – Fan bearings have failed

**6. TIKIGAQ SCHOOL, PHO**

Ventilation in maintenance & elementary school nearing end of useful life

**7. KALI SCHOOL, PIZ**

Fan room 204 Air handler – end of useful life

Kiln Ventilation – Welding room does not have any ventilation for heat capture

AHU-3 Boiler Room- End of useful life

\*\* Additional information on attached document. Taken from RSA Audit 2024. \*\*

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ \$ 3,375,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)	DISTRICT WIDE HVAC UPGRADES PROJECTS		\$ 3,037,500
<b>Administration</b> (NSB project management)	Direct Cost Allocation		\$ 337,500
<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$ 3,375,000
<b>TOTAL PROJECT COST (if different)</b>			

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2025?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ Phased over 2 years.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ Separate 10 year plan

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ 2.5 million this year and the remaining balance in 2027.

6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2025? No  Yes

If No, explain why it should be considered out of sequence:

➤ The NSBSD's replacement schedule does not fall under the North Slope Borough's replacement schedule. The NSBSD works with NSB CIP Department to affect needed replacements.

7. **PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT

PROJECT NAME: HVAC UPGRADE REQUEST

LOCATION: Alak School AIN, Nunamiut School AKP, Meade River School ATQ, Barrow High School UTQ, Fred Ipalook Elementary School UTQ, Tikigaaq School PHQ, & Kali School PIZ

- Infrastructure items are failing District wide as they have not been addressed for many years.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Decrease maintenance costs and increase efficiencies.

Indicate if this is a reoccurring upgrade or repair.

- One-time replacements.

Detail outside funds being leveraged, if applicable.

- Possible DEED grant sources.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No

Yes  (If Yes, include written verification)

Explanation, if necessary:

- RSA Engineering District wide audit from 2017-2024

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Any new replacement would represent savings to the district and thus the Borough. Infrastructure being addressed means efficiencies in the operations.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 10 Year Plan 2024 RSA Audit.

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT

PROJECT NAME: HVAC UPGRADE REQUEST

LOCATION: Alak School AIN, Nunamiut School AKP, Meade River School ATQ, Barrow High School UTQ, Fred Ipalook Elementary School UTQ, Tikigaq School PHO, & Kali School PIZ

**REQUESTOR INFORMATION**

**Requestor Name and Title: BLAKE MIKESELL, TEMPORARY M&O DIRECTOR**

**Requestor Signature:** Blake Mikesell  
Blake Mikesell (Mar 25, 2025 22:25 CDT)

**Date:**

**Department Director Name: BLAKE MIKESELL, TEMPORARY M&O DIRECTOR**

**Department Director Signature:** Blake Mikesell  
Blake Mikesell (Mar 25, 2025 22:25 CDT)

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

SITE	Building	Project Type	Equipment	SCHED. REPLACE MENT YEAR	System	Brief Title	Description of Issue	Recommended Solution	2024 RAS Update	Estimated Cost
AIN	Alak, Bus Barn	HVAC	Ventilation	2026	Ventilation	Install ventilation equipment	The building frequently has vehicles starting inside, and idling for short periods, which compromises air quality in the building and has caused the interior to smell like diesel exhaust. No ventilation is currently installed to address this.	Install a ventilation system that will run based on CO2 and NO2 detection, as well as manual override.	No change noted	\$ 490,000.00
AKP	Nunamuit School	HVAC	Air Handling Units	2026	HVAC	Air handling units and associated exhaust fans are at the end of their useful life expectancy.	Air Handling units are at the end of their useful life expectancy. The dampers and heating coils do not work on many units and the equipment is in poor condition. The Exhaust fans are in poor condition. Exhaust fans do not provide code required exhaust in some locations. The insulation on the intake duct to AHU-7 is damaged.	Refurbish Air handling units AHU 1, 2, 3, 4, 5, 6 and 7 with new motors, bearings, belts and sheaves. Clean all ductwork and equipment to be re-used. Replace dampers and heating coil piping. Replace exhaust fans. Replace damaged outside air intake duct insulation on AHU-7. canvas jacket new insulation.	No change noted.	\$ 630,000.00
AKP	Nunamuit School	HVAC	Dust Collector	2026	HVAC	Dust Collection system does not meet current codes.	The dust collector does not meet NFPA/IMC requirements.	Replace dust collector with system that meets current NFPA/IMC requirements	No change noted.	\$ 210,000.00
AKP	Nunamuit School	HVAC	Voc-Ed Ventilation	2026	HVAC	Voc-ed Ventilation Upgrades	Ventilation systems for wood shop does not comply with current IMC requirements.	Upgrade wood shop exhaust systems to comply with current IMC requirements. Install supplemental air filtration units in wood shop to help filter dust from air.	No change noted.	\$ 280,000.00
AKP	Hill House 345	HVAC	Ventilation	2026	Ventilation	Ventilation Upgrade	There is no ventilation for living areas.	Provide new Panasonic bathroom exhaust fan. Exhaust fan to operate continuously at minimum air setting for code required residential ventilation. Fan speed to increase based on wall switch in bathroom to provide code required toilet room exhaust. Demolish existing bathroom fan.	No change noted.	\$ 4,000.00
ATQ	Meade River School	HVAC	Boiler Room Ventilation	2026	Ventilation	Boiler room ventilation and combustion air	Boiler room ventilation and combustion air system does not appear to operate per code. The air handler is in poor condition and warrants replacement with damaged and leaking heating coil piping. There is a bank of control dampers that appear to be for combustion or ventilation air, which do not close completely and allow cold air into the boiler room.	Revise the combustion and ventilation air system with new combustion air hood and ventilation air fan and controls.	No change noted	\$ 112,000.00

SITE	Building	Project Type	Equipment	SCHED. REPLACE MENT YEAR	System	Brief Title	Description of Issue	Recommended Solution	2024 RAS Update	Estimated Cost
ATQ	Meade River School	HVAC	Kitchen Ventilation	2026	Ventilation	Kitchen ventilation deficiencies	Type 1 grease hood is not large enough to contain all equipment underneath with code required clearances, hood airflow seems inadequate and lighting is poor, grease duct is not in a fire rated shaft nor does it have fire rated insulation, grease duct does not have cleanout, hood runs 2-hours after equipment is off which is unnecessary and wastes energy. Dishwasher does not have code required hood	Replace Type 1 hood with new unit that has sufficient size, capacity and lighting (consider installing a non-combustible interstitial wall behind hood to reduce airflow requirements) Provide cleanout on grease duct and enclose duct in a non-combustible shaft or wrap in fire rated insulation. Reprogram hood operating hours. Provide a Type 2 hood for dishwasher.	No change noted.	\$ 252,000.00
ATQ	Meade River School	HVAC	Voc-Ed Ventilation	2026	HVAC	Voc-ed Ventilation Upgrades	Ventilation systems for wood shop and metal shop do not comply with current IMC requirements.	Upgrade exhaust and make-up air systems to comply with current IMC requirements. Install supplemental air filtration units in wood shop to help filter dust from air.	No change noted.	\$ 336,000.00
BHS	Barrow High School	HVAC	Ventilation	2026	Kitchen	Heat recovery broken	The kitchen exhaust system heat recovery unit is not functional	Repair heat recovery equipment for kitchen exhaust to conserve energy usage.	No change noted.	\$ 70,000.00
BHS	Barrow High School	HVAC	Dust Collector	2026	HVAC	Dust collector does not comply with NFPA 664	Dust collector does not comply with NFPA 664	Replace dust collector system with code compliant dust collector.	No change noted.	\$ 560,000.00
IPK	Ipalook Elementary School	HVAC	Heating Piping	2026	Heating	Add isolation valves in utilidor to facilitate repairing leaking flanges.	There leaking flanges that need to be repaired but the system lacks isolation valves.	Add isolation valves to the heating system and repair leaks.	New item.	\$ 200,000.00
IPK	Ipalook Elementary School	HVAC	Lift Station	2026	Plumbing	Replace lift station	One of the lift stations is failing and needs to be rebuilt including control panel, pumps, and piping from lift station to forced main.	Rebuild lift station including control panel, pumps, and piping from lift station to forced main.	New item.	\$ 200,000.00
IPK	Ipalook Elementary School	HVAC	Air Handlers	2026	Air Handlers	Fan bearings have failed	Several of the large fans have bad bearings and need to be repaired. The fan bearings are not accessible and will need some demolition of ductwork to access fans.	Repair bearings on fans.	No change noted.	\$ 200,000.00
PHO	Tikigaaq School	HVAC	Ventilation	2026	Ventilation	Upgrade Ventilation	Heat Recovery Ventilator in maintenance and elementary school are nearing the end of their useful life expectancy.	Provide new heat recovery ventilators with pre-heating coil to allow year round operation.	Ventilation upgraded in 2016.	\$ 25,000.00
PIZ	Kali School	HVAC	Kiln Ventilation	2026	HVAC	Kiln ventilation	Kiln in welding room does not have any ventilation for heat capture.	Install ventilation system for kiln.	No change noted.	\$ 70,000.00

SITE	Building	Project Type	Equipment	SCHED. REPLACE MENT YEAR	System	Brief Title	Description of Issue	Recommended Solution	2024 RAS Update	Estimated Cost
P1Z	Kali School	HVAC	AHU-3. Boiler Room	2026	Maint. Off. & Voc. Ed.	Air handling unit is at the end of its useful life expectancy.	Air handler is in poor condition. Pre-heat coil and heating coils valves show evidence of leaking. The supply air ductwork at AHU outlet has holes in it, presumably where equipment was removed in the past.	Two options may be considered. Opt. 1: replace unit with new unit. This may be difficult to accomplish due to insufficient access doors. It would likely require specifying a new unit that comes in multiple pieces to accomplish. Opt. 2: refurbish unit with new premium efficiency motor, bearings, fan shaft, sheeves, belts, heating coil, interior insulation and control dampers. Reuse existing casework, fan wheel and mounting platform.	No change noted.	\$ 140,000.00

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT  
 PROJECT NAME: INTERCOM & TELECOM SYSTEM UPGRADES  
 LOCATION: Eben Hopson Middle School UTQ, Barrow High School UTQ, Kali School PIZ

<b>NSB PLANNING DEPARTMENT USE ONLY</b>			
TEMPORARY/CIP PROJECT NO.:	06-NEW 2	TYPE:	Select
DATE SUBMITTED:	3/25/25	AMOUNT REQUESTED:	\$1,250,000
REQUESTING ENTITY:	NSBSD	AMOUNT RECOMMENDED:	\$1,000,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - **INTERCOM & TELECOM SYSTEM UPGRADES**
    1. BARROW HIGH SCHOOL, UTQ  
Intercom/Clocks/Bells -Headend system obsolete
    2. EBEN HOPSON MIDDLE SCHOOL, UTQ  
Intercom headend obsolete
    3. FRED IPALOOK ELEMENTARY SCHOOL, UTQ  
Intercom headend obsolete
    4. KALI SCHOOL, PIZ  
Telecom/Data/PA Speakers – system is feint if it works at all

\*\* Additional information on attached document. Taken from RSA Audit 2024. \*\*

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year’s expenditure estimate, administrative estimate, and contingency.

➤ \$ 1,250,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost

<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)	TELECOM/INTERCOM SYSTEM UPGRADES		\$ 1,125,000
<b>Administration</b> (NSB project management)	Direct Cost Allocation		\$ 125,000
<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$ 1,250,000
<b>TOTAL PROJECT COST (if different)</b>			

- 4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2025?** No  Yes   
 If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.  
 ➤ We plan to move quickly with CIPM to address deficiencies.
- 5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes   
 If Yes, indicate name and CIP project number:  
 If this is a new request, indicate below whether this project could be phased and over how many years.  
 ➤ Phased over 3 years.  
 If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.  
 ➤ Separate 10 year plan  
 If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.  
 ➤ 1 million this year and the remaining balance in 2027 & 2028.
- 6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**  
 Is this project included in the Borough's Repair & Replacement Schedule? No  Yes   
 If Yes, is it scheduled for replacement before 2025? No  Yes   
 If No, explain why it should be considered out of sequence:  
 ➤ The NSBSD's replacement schedule does not fall under the North Slope Borough's replacement schedule. The NSBSD works with NSB CIP Department to affect needed replacements.
- 7. PROJECT JUSTIFICATION:** Explain why this project is necessary.  
 Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.  
 ➤ Infrastructure items are failing District wide as they have not been addressed for many years.  
 Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.  
 ➤ Decrease maintenance costs and increase efficiencies.  
 Indicate if this is a reoccurring upgrade or repair.  
 ➤ One-time replacements.  
 Detail outside funds being leveraged, if applicable.

- Possible DEED grant sources.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- RSA Engineering District wide audit from 2017-2024

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Any new replacement would represent savings to the district and thus the Borough. Infrastructure being addressed means efficiencies in the operations.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 10 Year Plan 2024 RSA Audit.

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



**REQUESTOR INFORMATION**

**Requestor Name and Title:** BLAKE MIKESSELL, TEMPORARY M&O DIRECTOR

<b>Requestor Signature:</b> <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:26 CDT)</small>	<b>Date:</b>
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**Department Director Name:** BLAKE MIKESSELL, TEMPORARY M&O DIRECTOR

<b>Department Director Signature:</b> <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:26 CDT)</small>	<b>Date:</b>
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REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT  
PROJECT NAME: INTERCOM & TELECOM SYSTEM UPGRADES  
LOCATION: Eben Hopson Middle School UTQ, Barrow High School UTQ, Kali School PIZ

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT  
 PROJECT NAME: DDC CONTROL SYSTEM UPGRADES  
 LOCATION: Nunamiut School AKP, Barrow High School UTQ, Eben Hopson Middle School UTQ

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	06-NEW 3	TYPE:	Select
DATE SUBMITTED:	3/25/25	AMOUNT REQUESTED:	\$2,250,000
REQUESTING ENTITY:	NSBSD	AMOUNT RECOMMENDED:	\$1,500,000

NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
**CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - **DDC CONTROL SYSTEM UPGRADES**
    1. **NUNAMIUT SCHOOL, AKP**  
Failing building controls.
    2. **BARROW HIGH SCHOOL, UTQ**  
Outdated pneumatic controls, many leaks causing compressor to run continuously.
    3. **EBEN HOPSON MIDDLE SCHOOL, UTQ**  
Outdated pneumatic controls, many leaks causing compressor to run continuously.

\*\* Additional information on attached document. Taken from RSA Audit 2024. \*\*

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - **\$ 2,250,000.00**
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$

<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)	DDC CONTROLS SYSTEM UPGRADE - AKP, BHS, HMS		\$ 2,025,000
<b>Administration</b> (NSB project management)	Direct Cost Allocation		\$225,000
<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$ 2,250,000.00
<b>TOTAL PROJECT COST (if different)</b>			

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2025?** No  Yes   
 If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.  
 ➤
5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes   
 If Yes, indicate name and CIP project number:  
 If this is a new request, indicate below whether this project could be phased and over how many years.  
 ➤ Phased over 2 years.  
 If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.  
 ➤ Separate 10 year plan  
 If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.  
 ➤ 1.5 million this year and the remaining balance in 2027.
6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**  
 Is this project included in the Borough's Repair & Replacement Schedule? No  Yes   
 If Yes, is it scheduled for replacement before 2025? No  Yes   
 If No, explain why it should be considered out of sequence:  
 ➤ The NSBSD's replacement schedule does not fall under the North Slope Borough's replacement schedule. The NSBSD works with NSB CIP Department to affect needed replacements.
7. **PROJECT JUSTIFICATION:** Explain why this project is necessary.  
 Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.  
 ➤ Infrastructure items are failing District wide as they have not been addressed for many years.  
 Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.  
 ➤ Decrease maintenance costs and increase efficiencies.  
 Indicate if this is a reoccurring upgrade or repair.  
 ➤ One-time replacements.  
 Detail outside funds being leveraged, if applicable.  
 ➤ Possible DEED grant sources.
8. **PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- RSA Engineering District wide audit from 2017-2024

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Any new replacement would represent savings to the district and thus the Borough. Infrastructure being addressed means efficiencies in the operations.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 10 Year Plan 2024 RSA Audit.

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



<b>REQUESTOR INFORMATION</b>	
<b>Requestor Name and Title: BLAKE MIKESELL, TEMPORARY M&amp;O DIRECTOR</b>	
Requestor Signature: <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:26 CDT)</small>	Date:
<b>Department Director Name: BLAKE MIKESELL, TEMPORARY M&amp;O DIRECTOR</b>	
Department Director Signature: <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:26 CDT)</small>	Date:

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT

PROJECT NAME: DDC CONTROL SYSTEM UPGRADES

LOCATION: Nunamiut School AKP, Barrow High School UTQ, Eben Hopson Middle School UTQ

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT

PROJECT NAME: FIRE SYSTEM UPGRADES

LOCATION: MEADE RIVER SCHOOL ATQ, BARROW HIGH SCHOOL UTQ, EBEN HOPSON MIDDLE SCHOOL UTQ

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	06-NEW 4	TYPE:	Select
DATE SUBMITTED:	3/25/25	AMOUNT REQUESTED:	\$3,379,000
REQUESTING ENTITY:	NSBSD	AMOUNT RECOMMENDED:	\$3,379,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - **FIRE SYSTEM UPGRADES**
    1. **MEADE RIVER SCHOOL, ATQ**  
Fire Sprinkler Piping, Boiler Room – Insufficient pipe bracing per NFPA-13
    2. **BARROW HIGH SCHOOL, UTQ**  
Fire Alarm – a part of the kitchen fire suppression has failed.  
Fire Sprinkler -Fire pump in pool mechanical room corroded and broken controls  
Fire Sprinkler -Piping is leaking
    3. **EBEN HOPSON MIDDLE SCHOOL, UTQ**  
Fire Alarm Panel and Devices – Fire system parts are obsolete; needs to be updated to addressable  
Fire Pump in kitchen is heavily corroded

\*\* Additional information on attached document. Taken from RSA Audit 2024. \*\*

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - **\$ 3,379,000**
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost

<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)	FIRE SYSTEM UPGRADES		\$ 3,041,100
<b>Administration</b> (NSB project management)	Direct Cost Allocation		\$ 337,900
<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$ 3,379,000
<b>TOTAL PROJECT COST (if different)</b>			

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2025?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ Phased over 3 years.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ Separate 10 year plan

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ 2.5 million this year and the remaining balance in 2027.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2025? No  Yes

If No, explain why it should be considered out of sequence:

➤ The NSBSD's replacement schedule does not fall under the North Slope Borough's replacement schedule. The NSBSD works with NSB CIP Department to affect needed replacements.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ Infrastructure items are failing District wide as they have not been addressed for many years.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤ Decrease maintenance costs and increase efficiencies.

Indicate if this is a reoccurring upgrade or repair.

➤ One-time replacements.

Detail outside funds being leveraged, if applicable.

- Possible DEED grant sources.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- RSA Engineering District wide audit from 2017 & 2024

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Any new replacement would represent savings to the district and thus the Borough. Infrastructure being addressed means efficiencies in the operations.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 10 Year Plan 2024 RSA Audit.

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION	
<b>Requestor Name and Title: BLAKE MIKESELL, TEMPORARY M&amp;O DIRECTOR</b>	
<b>Requestor Signature:</b> <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:28 CDT)</small>	<b>Date:</b>
<b>Department Director Name: BLAKE MIKESELL, TEMPORARY M&amp;O DIRECTOR</b>	
<b>Department Director Signature:</b> <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:23 CDT)</small>	<b>Date:</b>

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT

PROJECT NAME: FIRE SYSTEM UPGRADES

LOCATION: MEADE RIVER SCHOOL ATQ, BARROW HIGH SCHOOL UTQ, EBEN HOPSON MIDDLE SCHOOL UTQ

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
FY26 10 YEAR CAPITAL IMPROVEMENT PLAN**

Site	Building	Project Type	Equipment	Sched. Replacement YR	System	Brief Title	Description of Issue	Recommended Solution	Estimated Cost
KAK	Harold Kaveelook School	UPFUND 56-206	Project	2026	On Going Project	Phase II - Harold Kaveelook School Rebuild	Construction of all classrooms and admin space.	Drawings for phase II are completed and construction will commence in 2025.	\$ 20,000,000.00
BHS	Barrow High School	Fire Alarm	Kitchen fire suppression	2026	Kitchen	Kitchen fire suppression system has a failed component which closes the gas valve.	A part of the kitchen fire suppression system has failed and causes the natural gas solenoid to close. It has been temporarily bypassed and wired the solenoid to an electrical outlet.	Repair and test kitchen fire suppression system.	\$ 98,000.00
HMS	Eben Hopson Middle School	Fire Alarm	FA Panel	2026	FA	Fire alarm system is conventional	New addressable system would improve troubleshooting and extend longevity of the system. PM NOTE: PULL STATIONS ARE OLD AND FAILING. KEYS DO NOT RESET PROPERLY IF THE LEVER IS NOT LATCHED PROPERLY, THE ALARM WILL SOUND CONTINUOUSLY.	Replace conventional system with new addressable	\$ 300,000.00
HMS	Eben Hopson Middle School	Fire Pump	Fire pump	2026	Kitchen	Repair Fire Pump	The fire pump is heavily corroded.	Repair fire pump and have pump inspected by qualified technician.	\$ 20,000.00
ATQ	Meade River School	Fire Sprinkler	Fire Sprinkler Piping, Boiler Room	2026	Fire Sprinklers	Insufficient pipe bracing	The fire sprinkler piping in the boiler room is not sufficiently braced per NFPA-13	Install bracing.	\$ 21,000.00
BHS	Barrow High School	Fire Sprinkler	Fire pump	2026	Fire	Corroded and broken controls	The fire pump is located in the pool mechanical room. The wiring and controls are corroded. The pump should be replaced with new fire sprinkler piping.	Replace wiring and controls as required to ensure proper and reliable operation from the fire pump until piping can be replace and pump either replaced or not needed.	\$ 140,000.00
BHS	Barrow High School	Fire Sprinkler	Piping	2026	Fire	Piping is leaking	Fire sprinkler piping has many leaks, and compromised pipe integrity. Need to replace fire sprinkler piping throughout entire school with polypropylene plastic piping.	Repair/replace all of the sprinkler piping with polypropylene plastic piping resistant to corrosive water. System must be tested and examined to determine the extent of repairs.	\$ 2,800,000.00

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
FY26 10 YEAR CAPITAL IMPROVEMENT PLAN**

Site	Building	Project Type	Equipment	Sched. Replacement YR	System	Brief Title	Description of Issue	Recommended Solution	Estimated Cost
AKP	Nunamuit School	Heating	Heating Equipment	2026	Heating	Heating Equipment and Piping Upgrades.	Unit heaters, fan room piping, valves and air vents are past life expectancy. Some of the Air vents in fan rooms are leaking glycol. Heating piping to AHU-7 leaking glycol. Principal office fintube enclosure is missing end caps.	Replace heating piping mains, piping in fan rooms, unit heaters, air vents, valves and appurtenances in fan rooms. Provide end caps for fintube enclosure in principals office.	\$ 150,000.00
AKP	Itinerant Housing	Heating	Boilers	2026	Boilers	Upgrade boiler	Boiler is not piped primary secondary Boilers, pumps and associated equipment are approaching end of their useful life expectancy.	Provide new boilers piped primary secondary, new pumps, glycol tank, expansion tank.	\$ 400,000.00
AKP	Itinerant Housing	Heating	Heating Equipment	2026	Heating	Upgrade Heating Equipment	The fintube Heating equipment is near end of useful life expectancy.	Provide new fintube heating with heavy duty enclosure.	\$ 30,000.00
BHS	Barrow High School	Heating	Piping	2026	Heating	Piping uses Victaulic fittings which leak.	Victaulic fittings used on heating piping leaks, causing damage to ceilings, insulation and allows air into heating system.	Replace Victaulic fittings or replace piping throughout building.	\$ 2,100,000.00
HMS	Eben Hopson Middle School	Heating	Boilers	2026	Heating	Old boilers and non-recommended piping layout.	Boilers are approaching life expectancy. They are piped in a primary only piping system. Flow through boilers is not constant and can cause burning of glycol. Replace boilers and pumps. Provide VFDs on pumps.	Replace boilers and modify piping by adding individual boiler circulation pumps and bypass piping to create a primary/secondary piping system. Add VFDs to secondary pumps.	\$ 700,000.00
HMS	Eben Hopson Middle School	Heating	Heating Pumps	2026	Heating	Replace heating pumps.	The heating pumps are beyond their useful life and are failing.	Replace the heating pumps.	\$ 350,000.00
M&O	Maintenance & Operations Building	Heating	Boilers	2026	Heating	Old boilers and non-recommended piping layout.	Boilers are approaching life expectancy. They are piped in a primary only piping system. Flow through boilers is not constant and can cause burning of glycol. Glycol will become acidic and harm the equipment and piping.	Replace boilers and modify piping by adding individual boiler circulation pumps and bypass piping to create a primary/scndary piping system.	\$ 250,000.00
M&O	Maintenance & Operations Building	Heating	EM shutdown	2026	Heating	EM shutdown not installed	Code requires an emergency shutdown pushbutton at the exits for boiler rooms.	Install emergency shutdown pushbuttons at exits	\$ 200,000.00
AIN	Alak, Bus Barn	HVAC	Ventilation	2026	Ventilation	Install ventilation equipment		Install a ventilation system that will run based on CO2 and NO2 detection, as well as manual override.	\$ 490,000.00
AKP	Nunamuit School	HVAC	Air Handling Units	2026	HVAC	Air handling units and associated exhaust fans are at the end of their useful life expectancy.	Air Handling units are at the end of their useful life expectancy. The dampers and heating coils do not work on many units and the equipment is in poor condition. The Exhaust fans are in poor condition. Exhaust fans do not provide code required exhaust in some locations. The insulation on the intake duct to AHU-7 is damaged.	Refurbish Air handling units AHU-1 ,2,3,4,5,6 and 7 with new motors, bearings, belts and sheaves. Clean all ductwork and equipment to be re-used. Replace dampers and heating coil piping. Replace exhaust fans. Replace damaged outside air intake duct insulation on AHU-7, canvas jacket new insulation .	\$ 630,000.00
AKP	Nunamuit School	HVAC	Dust Collector	2026	HVAC	Dust Collection system does not meet current codes.	The dust collector does not meet NFPA/IMC requirements.	Replace dust collector with system that meets current NFPA/IMC requirements.	\$ 210,000.00
AKP	Nunamuit School	HVAC	Voc-Ed Ventilation	2026	HVAC	Voced Ventilation Upgrades	Ventilation systems for wood shop does not comply with current IMC requirements.	Upgrade wood shop exhaust systems to comply with current IMC requirements. Install supplemental air filtration units in wood shop to help filter dust from air.	\$ 280,000.00

## NORTH SLOPE BORO. SCHOOL DISTRICT FY26 10 YEAR CAPITAL IMPROVEMENT PLAN

Site	Building	Project Type	Equipment	Sched. Replacement YR	System	Brief Title	Description of Issue	Recommended Solution	Estimated Cost
ATQ	Meade River School	HVAC	Boiler Room Ventilation	2026	Ventilation	Boiler room ventilation and combustion air	Boiler room ventilation and combustion air system does not appear to operate per code. The air handler is in poor condition and warrants replacement with damaged and leaking heating coil piping. There is a bank of control dampers that appear to be for combustion or ventilation air, which do not close completely and allow cold air into the boiler room.	Revise the combustion and ventilation air system with new combustion air hood and ventilation air fan and controls.	\$ 112,000.00
ATQ	Meade River School	HVAC	Kitchen Ventilation	2026	Ventilation	Kitchen ventilation deficiencies	Type 1 grease hood is not large enough to contain all equipment underneath with code required clearances, hood airflow seems inadequate and lighting is poor, grease duct is not in a fire rated shaft nor does it have fire rated insulation, grease duct does not have cleanout, hood runs 2-hours after equipment is off which is unnecessary and wastes energy. Dishwasher does not have code required hood.	Replace Type 1 hood with new unit that has sufficient size, capacity and lighting (consider installing a non-combustible interstitial wall behind hood to reduce airflow requirements). Provide cleanout on grease duct and enclose duct in a non-combustible shaft or wrap in fire rated insulation. Reprogram hood operating hours. Provide a Type 2 hood for dishwasher.	\$ 252,000.00
ATQ	Meade River School	HVAC	Voc-Ed Ventilation	2026	HVAC	Voc-ed Ventilation Upgrades	Ventilation systems for wood shop and metal shop do not comply with current IMC requirements.	Upgrade exhaust and make-up air systems to comply with current IMC requirements. Install supplemental air filtration units in wood shop to help filter dust from air.	\$ 336,000.00
BHS	Barrow High School	HVAC	Dust Collector	2026	HVAC	Dust collector does not comply with NFPA 664	Dust collector does not comply with NFPA 664	Replace dust collector system with code compliant dust collector.	\$ 560,000.00
BHS	Barrow High School	HVAC	Ventilation	2026	Kitchen	Heat recovery broken	The kitchen exhaust system heat recovery unit is not functional.	Repair heat recovery equipment for kitchen exhaust to conserve energy usage.	\$ 70,000.00
IPK	Ipalook Elementary School	HVAC	Air Handlers	2026	Air Handlers	Fan bearings have failed	Several of the large fans have bad bearings and need to be repaired. The fan bearings are not accessible and will need some demolition of ductwork to access fans	Repair bearings on fans.	\$ 200,000.00
PHO	Tikigaq School	HVAC	Ventilation	2026	Ventilation	Upgrade Ventilation	Heat Recovery Ventilator in maintenance and elementary school are nearing the end of their useful life expectancy.	Provide new heat recovery ventilators with pre-heating coil to allow year round operation.	\$ 25,000.00
PIZ	Kali School	HVAC	AHU-3, Boiler Room	2026	Maint. Off. & Voc. Ed.	Air handling unit is at the end of its useful life expectancy.	Air handler is in poor condition. Pre-heat coil and heating coils valves show evidence of leaking. The supply air ductwork at AHU outlet has holes in it, presumably where equipment was removed in the past.	Two options may be considered. Opt. 1: replace unit with new unit. This may be difficult to accomplish due to insufficient access doors. It would likely require specifying a new unit that comes in multiple pieces to accomplish. Opt. 2: refurbish unit with new premium efficiency motor, bearings, fan shaft, sheaves, belts, heating coil, interior insulation and control dampers. Reuse existing casework, fan wheel and mounting platform.	\$ 140,000.00
PIZ	Kali School	HVAC	Kiln Ventilation	2026	HVAC	Kiln ventilation	Kiln in welding room does not have any ventilation for heat capture.	Install ventilation system for kiln.	\$ 70,000.00

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
FY26 10 YEAR CAPITAL IMPROVEMENT PLAN**

Site	Building	Project Type	Equipment	Sched. Replacement YR	System	Brief Title	Description of Issue	Recommended Solution	Estimated Cost
AKP	Nunamuit School	DDC Controls	Controls	2026	Heating	Failing Building controls	The portions of the control system not upgraded in the last remodel are not operational. The controllers are past their useful life expectancy. The heat timer boiler control panel is not functional. The heat recovery system is controlled by a separate TAC brand control system. The control air compressor located in the fan room is not use.	Replace the building control system with a new DDC BACnet based control system to control all equipment including Air Handling Units, Boilers, Heat Recovery System and terminal heating equipment. Install new valves, actuators, thermostats and sensors. Demolish pneumatic air compressor in fan room.	\$ 80,000.00
BHS	Barrow High School	DDC Controls	Controls	2026	DDC	Outdated pneumatic controls, many leaks causing compressor to run continuously	Most of the building is operating with pneumatic controllers. The tubing has many leaks and many of the actuators have failed. Much of the equipment is operating in hand. The compressor runs almost continuously. Replace the entire school control system with BACNET based DDC system.	Replace the pneumatic controls and existing electronic controls with a new DDC BACnet based control system.	\$ 1,260,000.00
HMS	Eben Hopson Middle School	DDC Controls	Controls	2026	DDC	Outdated pneumatic controls, many leaks causing compressor to run continuously	Most of the building is operating with pneumatic controllers. Many of the actuators have failed. The Johnson Controls electronic controls are obsolete and not supported. Provide new BACNET DDC control system throughout school.	Replace the pneumatic controls and existing electronic controls with a new DDC BACnet based control system.	\$ 910,000.00
HMS	Eben Hopson Middle School	Intercom	Intercom Headend	2026	PA	Intercom Headend	Intercom headend system is obsolete	Replace intercom headend with newer equipment that may be upgraded and maintained.	\$ 420,000.00
BHS	Barrow High School	Intercom/Clocks	Intercom/Bell	2026	Intercom/Bell	Intercom headend system is obsolete	The school intercom is a Rauland #MCX300 intercom system that is original to the building and is well past its useful life. There are not parts available anymore. The new wireless clock system is fully functional but existing equipment needs to be removed and covered with blank covers.	Replace intercom and bell system headend equipment with new in the same location. Replace all intercom call-in switches. Confirm compatibility with school emergency response plan. Replace broken speakers, noted area affect is the Hub.	\$ 630,000.00
PIZ	Kali School	Telecom/Data	PA speakers/headend	2026	PA	PA system functionality	The PA system is faint when it works at all. Administrators use VoIP telephone system to contact staff and make announcements.	Troubleshoot and replace/repair equipment as required.	\$ 200,000.00
TRANS	Transportation Facility	Abandoned piping	Abandoned piping	2026	Gas piping	Abandoned gas piping	Natural gas piping outside of building abandoned and interferes with access to building and reduces potential parking areas.	Demolish abandoned gas piping.	
TRANS	Transportation Facility	Electrical Service	Wiring Devices	2026	Power	Replace receptacles and switches.	Existing wiring devices are in average to poor shape due to age.	Replace one-for-one all devices.	
TRANS	Transportation Facility	Fire Sprinkler	Sprinklers	2026	Fire	Lacking code required fire sprinklers	Lacking code required fire sprinklers	Provide fire protection system to meet code.	\$ 3,000,000.00
TRANS	Transportation Facility	Floor	Floor	2026	Drainage	The flooring around some of the trench drains is rotting and unsafe for vehicles to use	The flooring around some of the trench drains is rotting and unsafe for vehicles to use	Repair flooring and structure underneath and around the trench drains as needed.	
TRANS	Transportation Facility	HVAC	Garage Ventilation	2026	HVAC	Equipment is past expected life	Exhaust fans and MUA are past expected life and due for replacement.	Replace fans with new ones. Verify that they are able to exhaust 0.75 cfm/ft <sup>2</sup> . Connect to CO/NO2 detector	

## NORTH SLOPE BOROUGH SCHOOL DISTRICT FY26 10 YEAR CAPITAL IMPROVEMENT PLAN

Site	Building	Project Type	Equipment	Sched. Replacement YR	System	Brief Title	Description of Issue	Recommended Solution	Estimated Cost
TRANS	Transportation Facility	HVAC	Garage Ventilation	2026	HVAC	Flammable storage area	The flammable storage area needs to be evaluated to determine if it exceeds the allowable amounts of flammable materials. Continuous exhaust may be required.	The flammable storage area needs to be evaluated to determine if it exceeds the allowable amounts of flammable materials. Continuous exhaust may be required.	
TRANS	Transportation Facility	HVAC	Garage Ventilation	2026	HVAC	Lacking code required continuous ventilation	Parking/maintenance area is lacking required continuous ventilation and CO/NO2 detectors to enable large exhaust fans	Provide a new exhaust fan, provide CO/NO2 detector and interlock with exhaust fans and MUA	
TRANS	Transportation Facility	Lighting	Emergency Lighting	2026	Lighting	Most of the EM lighting was inoperable or expired.	The majority of the emergency lighting units tested had inoperable batteries. Several others were broken. The exit signs were self powered (nuclear) type that were expired.	Replace all emergency lighting units (bugeyes) on a one-for-one basis with new LED battery units. Replace exit signs with new powered 120V LED type. Provide new unswitched wiring to local lighting circuit.	
TRANS	Transportation Facility	Lighting	Lighting	2026	Lighting	Existing, T8, CFL and HPS lighting not as energy efficient as new LED	The existing lighting fixtures are a combination of fluorescent (T8 and Compact Fluorescent) inside and High Pressure Sodium (HPS) outside.	Upgrade existing lighting to LED. Replace all existing lights on a one-for-one basis with new LED luminaires.	
TRANS	Transportation Facility	Plumbing	Trench drains	2026	Drainage	Not connected to oil separator	The trench drains in the parking/shop area are not connected to a code required oil separator	Install an oil separator in the existing waste piping from the trench drains.	
TRANS	Transportation Facility	Power Distribution	Panelboards	2026	Power	Panel 'C' neutral conductor not terminated properly.	The main feeder neutral to the panel is terminated on the neutral bus instead of the main neutral lug and individual strands are terminated at multiple terminals.	Relocate the neutral to the panel lug. Re install neutral conductor if not long enough. Include connection from the main lug to the neutral bus if not present.	
BHS	Barrow High School	Lighting	EM Egress	2026	EM Egress	Self-Illuminating Exit Signs Expired	Self-Illuminating type exit signs in use at the facility are for the most part out of date and well past the end of their useful lives.	Replace selfilluminating type exit signs with new LED Type as required to provide adequate signage for egress.	\$ 50,000.00
BHS	Barrow High School	Lighting	EM Egress	2026	EM Egress	Non-Illuminated Exit Signs Listing	Non-Illuminated type exit signs in use at the facility are not an approved means of egress signage, as they do not have an external illuminating source.	Replace non-illuminated type exit signs with new LED Type as required to provide adequate signage for egress.	\$ 150,000.00
CO	Central Office	Lighting	Lighting	2026	Lighting	Existing, T8, CFL and HPS lighting not as energy efficient as new LED	The existing lighting fixtures are a combination of fluorescent (T8 and Compact Fluorescent) inside and High Pressure Sodium (HPS) outside.	Upgrade existing lighting to LED. Replace all existing lights on a one-for-one basis with new LED luminaires.	\$ 20,000.00
CO	Central Office	Lighting	Lighting Controls	2026	Lighting Controls	Manual controls are outdated and areas could be fitted with motion controls to improve building efficiency.	Lighting controls are outdated and in all areas manual switching is used.	Consider replacing manual controls with motion controls and some dimming as is appropriate for the area they are installed.	\$ 30,000.00
CO2	Central Office 2	Lighting	Lighting Controls	2026	Lighting Controls	Lighting control system passed it's useful life	The lighting controls are part of the Johnson control system (fire alarm, DDC, security). It is passed the end of its useful life.	Consider replacing lighting control panel with a stand-alone lighting control panel with simple Hand/Off/Auto overrides.	\$ 40,000.00
HMS	Eben Hopson Middle School	Lighting	EM lighting	2026	Lighting	EM lighting is insufficient	Most of the EM lighting was inoperable or expired.	Replace EM lighting with new LED and extend lighting circuits as required to accommodate replacement	\$ 250,000.00
IPK	Ipalook Elementary School	Lighting	EM lighting	2026	Lighting	EM lighting is insufficient	Most of the EM lighting was inoperable or expired.	Replace EM lighting with new LED and extend lighting circuits as required to accommodate replacement	\$ 100,000.00

## NORTH SLOPE BOROUGH SCHOOL DISTRICT FY26 10 YEAR CAPITAL IMPROVEMENT PLAN

Site	Building	Project Type	Equipment	Sched. Replacement YR	System	Brief Title	Description of Issue	Recommended Solution	Estimated Cost
HMS	Eben Hopson Middle School	Lighting Exterior	Exterior Lights	2026	Lighting	Exterior light fixtures and circuits	LED lights and circuits are corroding and need to be replaced.	Replace lights and circuits with materials and means that will hold up to arctic coastal conditions.	\$ 350,000.00
TECH.- DW	DW	Tech Refresh	Apple Devices	2026	Computers	Equitable Access to Technology	NSBSD is seeking support in the form of a Capital Improvement Plan funding from the North Slope Borough to purchase new technology equipment for students and staff of the district. The total cost of these devices would be roughly \$2,450,000, including the devices and Apple Care Plus coverage for damage or replacement for three years.	Presently, the NSBSD has a large amount of equity in current devices and can leverage that equity by selling to a resale company. The estimated value for sale in or around January 2026 would be between \$700,000 - \$1,000,000. The NSBSD would forward these recaptured funds back to the North Slope Borough to reduce the project's overall cost. Every three-year refresh cycle. NSBSD would seek support from CIPM to purchase new batches of computers. NSBSD will resell the computers and devices from the previous project. NSBSD will return the revenue from that sale back to NSB. Three year cycle is the sweet spot for Apple computer refresh as the resale value is much higher, especially if the devices are covered with Apple Care throughout the years they are in service.	\$ 2,425,450.00
KAK	Storage Facilities	Power Distribution	Branch Circuits	2026	Power	Overcurrent protection missing.	Storage out buildings are feeding lighting and heaters with out separate overcurrent protection.	Add breaker box or fused disconnect to provide appropriate circuiting.	\$ 25,000.00
PHO	Tikigaq School	Power Distribution	Electrical Service	2026	Power	Low voltage reported on kitchen panel.	It was reported that the kitchen panel was reading 191V where it should have been 208V.	Investigate cause for low voltage at all panels. If system low voltage is the issue, change the taps within distribution transformers to correct the issue. Replace/upsized feeders if required.	\$ 20,000.00
CO2	Central Office 2	Electrical Service	Electrical Service Entrances	2026	Power	Multiple Services to a single building fed from various sources and locations.	The multiple services and locations are in violation of NEC. A lot of the service entrance equipment is no longer manufactured.	Redo the existing services to one single service. Reroute existing panels from the new service. Utility Metering appears to be optional but we would recommend providing provisions for metering in the future.	\$ 120,000.00
M&O	Maintenance & Operations Building	Electrical Service	Wiring Devices	2026	Power	Replace receptacles and switches.	Existing wiring devices are in average to poor shape due to age.	Replace one-for-one all devices.	\$ 15,000.00

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
FY26 10 YEAR CAPITAL IMPROVEMENT PLAN**

Site	Building	Project Type	Equipment	Sched. Replacement YR	System	Brief Title	Description of Issue	Recommended Solution	Estimated Cost
PHO	Tikigaaq School	UPFUND 56-195	Kitchen Remodel	2026	Upfund	Kitchen Remodel -Tikigaaq School	Tikigaaq School Kitchen Remodel & Upgrades	<p>Upfund requested for the following:</p> <ul style="list-style-type: none"> <li>-New Equipment and Appliances</li> <li>-Cooking equipment is propane but piping behind grille leaks propane, so propane system is not in use.</li> <li>-Propane systems to be replaced with electric power and cooking equipment.</li> <li>-Kitchen hood has commercial grade kitchen with Type 1 exhaust hood and fire suppression. The exhaust fan serving the kitchen hood does not comply with current code requirements.</li> <li>-Cooking Equipment: Install new stoves, ovens, fryers, grills, and ventilation systems. Ensure equipment is commercial-grade and energy-efficient.</li> <li>-Food Storage: Upgrade refrigerators, freezers, dry storage, and pantry space to ensure food safety and adequate space.</li> <li>-Dishwashing Area: Install commercial dishwashers, sinks, and drying areas. Ensure proper drainage and sanitation systems.</li> <li>-Safety and Accessibility</li> <li>-Fire Suppression System: Ensure a working fire suppression system is installed in cooking areas as required by code.</li> </ul>	\$ 1,500,000.00

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT

PROJECT NAME: HEATING SYSTEM UPGRADES

LOCATION: NUNAMIUT SCHOOL AKP, BARROW HIGH SCHOOL UTQ, EBEN HOPSON MIDDLE SCHOOL UTQ, & M&O BUILDING UTQ

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	06-NEW 5	TYPE:	Select
DATE SUBMITTED:	3/25/25	AMOUNT REQUESTED:	\$4,180,000
REQUESTING ENTITY:	NSBSD	AMOUNT RECOMMENDED:	\$2,000,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - **HEATING SYSTEM UPGRADES**
  - 1. **NUNAMIUT SCHOOL, AKP**
    - Heating Equipment & Piping Upgrades
    - Itinerant Quarters: Boiler Upgrades – Boilers, pumps and associated equipment are approaching end of useful life
    - Itinerant Quarters: Heating Equipment – Fin tube heating equipment are approaching end of useful life
  - 2. **BARROW HIGH SCHOOL, UTQ**
    - Piping – Uses Victaulic fittings causing damage to ceilings, insulation and allows air into heating system
  - 3. **EBEN HOPSON MIDDLE SCHOOL, UTQ**
    - Boilers – Old boilers and non-recommended piping layout. Boilers approaching end of life expectancy
    - Heating Pumps – Beyond their useful life expectancy
  - 4. **MAINTENANCE & OPERATIONS BUILDING, UTQ**
    - Emergency Shutdown for boiler rooms
    - Boilers – Existing boilers are approaching end of life expectancy. Existing piping also needs to be modified

\*\* Additional information on attached document. Taken from RSA Audit 2024. \*\*

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - **\$ 4,180,000.00**
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)	HEATING SYSTEM UPGRADES		\$ 3,762,000
<b>Administration</b> (NSB project management)	Direct Cost Allocation		\$ 418,000
<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$ 4,180,000
<b>TOTAL PROJECT COST (if different)</b>			

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2025?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

- We plan to move quickly with CIPM to address deficiencies.

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- Phased over 3 years

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- Separate 10 year plan

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- 1.5 million this year and the remaining balance in 2027 & 2028

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2025? No  Yes

If No, explain why it should be considered out of sequence:

- The NSBSD's replacement schedule does not fall under the North Slope Borough's replacement schedule. The NSBSD works with NSB CIP Department to affect needed replacements.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Infrastructure items are failing District wide as they have not been addressed for many years.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Decrease maintenance costs and increase efficiencies.

Indicate if this is a reoccurring upgrade or repair.

- One-time replacements.

Detail outside funds being leveraged, if applicable.

- Possible DEED grant sources.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No

Yes  (If Yes, include written verification)

Explanation, if necessary:

- RSA Engineering District wide audit from 2017-2024

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Any new replacement would represent savings to the district and thus the Borough. Infrastructure being addressed means efficiencies in the operations.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 10 Year Plan 2024 RSA Audit.

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

- 

REQUESTOR INFORMATION	
<b>Requestor Name and Title: BLAKE MIKESELL, TEMPORARY M&amp;O DIRECTOR</b>	
Requestor Signature: <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:24 CDT)</small>	Date:
<b>Department Director Name: BLAKE MIKESELL, TEMPORARY M&amp;O DIRECTOR</b>	
Department Director Signature: <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:24 CDT)</small>	Date:

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT

PROJECT NAME: HEATING SYSTEM UPGRADES

LOCATION: NUNAMIUT SCHOOL AKP, BARROW HIGH SCHOOL UTQ, EBEN HOPSON MIDDLE SCHOOL UTQ, & M&O BUILDING UTQ

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

SITE	Building	Project Type	Equipment	Approx Year Installed	Typ. Life Expectancy (years)	SCHED. REPLACEMENT YEAR	System	Brief Title	Description of Issue	Recommended Solution	2024 RAS Update	Estimated Cost	USE FOR BLDG
AKP	Itinerant Housing	Heating	Boilers	1993	30	2026	Boilers	Upgrade boiler	Boiler is not piped primary secondary. Boilers, pumps and associated equipment are approaching end of their useful life expectancy.	Provide new boilers piped primary secondary, new pumps, glycol tank, expansion tank.	No change noted.	\$ 400,000.00	AKP HSG
HMS	Eben Hopson Middle School	Heating	Boilers	1993	30	2026	Heating	Old boilers and non-recommended piping layout.	Boilers are approaching life expectancy. They are piped in a primary only piping system. Flow through boilers is not constant and can cause burning of glycol. Replace boilers and pumps. Provide VFDs on pumps.	Replace boilers and modify piping by adding individual boiler circulation pumps and bypass piping to create a primary/secondary piping system. Add VFDs to secondary pumps.	The boilers are leaking and need to be repaired/replaced.	\$ 700,000.00	EBEN HOPSON MIDDLE SCHOOL
KLC	Kiita Learning Community	Heating	Boilers	1986	30	2026	Heating	Old boilers and non-recommended piping layout.	Boilers are approaching life expectancy. They are piped in a primary only piping system. Flow through boilers is not constant and can cause burning of glycol. Glycol will become acidic and harm the equipment and piping.	Replace boilers and modify boiler piping by adding individual boiler circulation pumps and bypass piping to create a primary/secondary piping system.	No change noted.	\$ 200,000.00	KIITA LEARNING COMMUNITY
M&O	Maintenance & Operations Building	Heating	Boilers	1989	20-30	2026	Heating	Old boilers and non-recommended piping layout.	Boilers are approaching life expectancy. They are piped in a primary only piping system. Flow through boilers is not constant and can cause burning of glycol. Glycol will become acidic and harm the equipment and piping.	Replace boilers and modify piping by adding individual boiler circulation pumps and bypass piping to create a primary/secondary piping system.	No update.	\$ 250,000.00	MAINTENANCE AND OPERATIONS BLDG.
M&O	Maintenance & Operations Building	Heating	EM shutdown	1981	NA	2026	Heating	EM shutdown not installed	Code requires an emergency shutdown pushbutton at the exits for boiler rooms.	Install emergency shutdown pushbuttons at exits.	No update.	\$ 200,000.00	MAINTENANCE AND OPERATIONS BLDG.

SITE	Building	Project Type	Equipment	Approx Year Installed	Typ. Life Expectancy (years)	SCHED. REPLACEMENT YEAR	System	Brief Title	Description of Issue	Recommended Solution	2024 RAS Update	Estimated Cost	USE FOR BLDG
AKP	Nunamuit School	Heating	Heating Equipment	Varies	30	2026	Heating	Heating Equipment and Piping Upgrades.	Unit heaters, Fan room piping, valves and air vents are past life expectancy. Some of the Air vents in fan rooms are leaking glycol. Heating piping to AHU-7 leaking glycol. Principal office fintube enclosure is missing end caps.	Replace heating piping mains, piping in fan rooms, unit heaters, air vents, valves and appurtenances in fan rooms. Provide end caps for fintube enclosure in principals office.	No change noted.	\$ 150,000.00	NUNAMIUT SCHOOL
AKP	Itinerant Housing	Heating	Heating Equipment	1980	30	2026	Heating	Upgrade Heating Equipment	equipment is near end of useful life expectancy.	Provide new fintube heating with heavy duty enclosure.	No change noted.	\$ 30,000.00	AKP HSG
HMS	Eben Hopson Middle School	Heating	Heating Pumps	1993	20	2026	Heating	Replace heating pumps.	The heating pumps are beyond their useful life and are failing.	Replace the heating pumps.	New item.	\$ 350,000.00	EBEN HOPSON MIDDLE SCHOOL
BHS	Barrow High School	Heating	Piping	1983	30	2026	Heating	Piping uses Victaulic fittings which leak.	Victaulic fittings used on heating piping leaks, causing damage to ceilings, insulation and allows air into heating system.	Replace Victaulic fittings or replace piping throughout building.	No change noted.	\$ 2,100,000.00	BARROW HIGH SCHOOL

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT  
 PROJECT NAME: DISTRICTWIDE TECHNOLOGY REFRESH -APPLE DEVICES  
 LOCATION: DISTRICTWIDE

NOT Being cut  
 Keep

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	06-NEW 10	TYPE:	
DATE SUBMITTED:	3/25/25	AMOUNT REQUESTED:	
REQUESTING ENTITY:	NSBSD	AMOUNT RECOMMENDED:	\$1,500,000

NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
**CIP PROJECT REQUEST FORM**

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1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - **DISTRICTWIDE TECHNOLOGY REFRESH – Apple Devices**  
 NSBSD is seeking support in the form of a Capital Improvement Plan funding from the North Slope Borough to purchase new technology equipment for students and staff of the district. The total cost of these devices would be roughly \$2,450,000, including the devices and Apple Care Plus coverage for damage or replacement for three years. Presently, the NSBSD has a large amount of equity in current devices and can leverage that equity by selling to a resale company. The estimated value for sale in or around January 2026 would be between \$700,000 - \$1,000,000. The NSBSD would forward these recaptured funds back to the North Slope Borough to reduce the project's overall cost. Every three-year refresh cycle, NSBSD would seek support from CIPM to purchase new batches of computers. NSBSD will resell the computers and devices from the previous project. NSBSD will return the revenue from that sale back to NSB. Three-year cycle is the sweet spot for Apple computer refresh as the resale value is much higher, especially if the devices are covered with Apple Care throughout the years they are in service.
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - **\$ 2,667,995**
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost

<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)	DW TECHNOLOGY REFRESH		\$ 2,425,450.00
<b>Administration</b> (NSB project management)	Direct Cost Allocation		\$ 242,545
<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$ 2,667,995
<b>TOTAL PROJECT COST (if different)</b>			

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2025?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- Phased over 3 years

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- Separate 10 year plan

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- 1.5 million this year and the remaining balance in 2027 & 2028

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2025? No  Yes

If No, explain why it should be considered out of sequence:

- The NSBSD's replacement schedule does not fall under the North Slope Borough's replacement schedule. The NSBSD works with NSB CIP Department to affect needed replacements.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Infrastructure items are failing District wide as they have not been addressed for many years.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Decrease maintenance costs and increase efficiencies.

Indicate if this is a reoccurring upgrade or repair.

- One-time replacements.

Detail outside funds being leveraged, if applicable.

- Possible DEED grant sources.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- RSA Engineering District wide audit from 2017-2024

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Any new replacement would represent savings to the district and thus the Borough. Infrastructure being addressed means efficiencies in the operations.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 10 Year Plan 2024 RSA Audit.

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION	
<b>Requestor Name and Title: REGINALD SANTOS, DIRECTOR OF INFORMATION TECHNOLOGY</b>	
Requestor Signature: <u>Reginald Santos</u> <small>Reginald Santos (Mar 25, 2025 19:42 AKDT)</small>	Date:
<b>Department Director Name: BLAKE MIKESELL, TEMPORARY M&amp;O DIRECTOR</b>	
Department Director Signature: <u>Blake Mikesell</u> <small>Blake Mikesell (Mar 25, 2025 22:52 CDT)</small>	Date:

REQUESTING ENTITY: NORTH SLOPE BOROUGH SCHOOL DISTRICT  
PROJECT NAME: DISTRICTWIDE TECHNOLOGY REFRESH -APPLE DEVICES  
LOCATION: DISTRICTWIDE

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
SITE SPECIFIC PROJECT TOTALS**

PROJECT TYPE	AIN	AKP	ATQ	BHS	CO	CO	CO2	DW	HWS	IPK	KAX	KLC	M&O	NUJ	PII0	PI2	PI2	TECH., DW	TRANS	Grand Total
Abandoned piping																				
Back-up power	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00																	
Bell System	\$ 300,000.00																			
Boiler Room Venti Fan																				
Branch Circuits				\$ 30,000.00																
CabPact Und Heater																				
Clock System	\$ 250,000.00																			
Concrete				\$ 178,000.00																
DDC Controls	\$ 563,000.00	\$ 110,000.00		\$ 1,280,000.00																
Devices																				
Electrical Service		\$ 10,000.00		\$ 770,000.00	\$ 126,000.00															
Electrical Standby																				
Elevator				\$ 380,000.00																
Feeders				\$ 96,000.00																
Fire Alarm	\$ 784,000.00	\$ 770,000.00		\$ 1,358,000.00																
Fire Pump																				
Fire Sprinkler	\$ 756,000.00	\$ 770,000.00	\$ 21,000.00	\$ 2,840,000.00																
Floor																				
Freezer																				
Freezers																				
Fuel Oil	\$ 269,000.00	\$ 50,000.00	\$ 90,000.00																	
Harold Kavrosok School																				
Rebuild																				
Heating		\$ 600,000.00	\$ 330,000.00	\$ 2,180,000.00	\$ 200,000.00															
HVAC	\$ 4,152,400.00	\$ 1,404,000.00	\$ 2,389,000.00	\$ 2,380,000.00	\$ 150,000.00															
Intercom	\$ 330,000.00																			
Intercom/Clocks		\$ 420,000.00		\$ 630,000.00																
Intercom/Paging																				
Kitchen Door Roll Up																				
Laundry																				
Lighting	\$ 1,008,000.00	\$ 402,000.00		\$ 1,470,000.00	\$ 20,000.00	\$ 30,000.00	\$ 740,000.00													
Lighting Exterior																				
Other		\$ 56,000.00		\$ 1,210,000.00																
Plumbing	\$ 3,880,000.00	\$ 1,000,000.00	\$ 665,000.00	\$ 850,000.00																
Plumbing Fixtures																				
Power	\$ 20,000.00																			
Power Distribution		\$ 384,000.00																		
Security																				
Security																				
Tech. Hardware																				
Telecom/Data																				
Telecom/Data																				
Telephone																				
Telephone/Data	\$ 329,000.00			\$ 770,000.00																
Wiring Devices				\$ 200,000.00																
Grand Total	\$ 12,867,499.99	\$ 6,481,800.00	\$ 3,715,000.00	\$ 16,736,000.00	\$ 498,000.00	\$ 30,000.00	\$ 10,860,000.00	\$ 3,000,000.00	\$ 17,410,000.00	\$ 5,862,000.00	\$ 21,223,000.00	\$ 1,763,000.00	\$ 1,210,000.00	\$ 6,272,000.00	\$ 937,000.00	\$ 5,746,000.00	\$ 200,000.00	\$ 2,425,450.00	\$ 3,200,000.00	\$ 118,632,610.00

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
PROJECT AMOUNTS BY YEAR**

2025	AIN	AKP	ATQ	BHS	HMS	IPK	M&O	PIZ	TRANS	Grand Total
Back up power	\$ 200,000.00		\$ 200,000.00		\$ 200,000.00		\$ 200,000.00	\$ 700,000.00	\$ 200,000.00	\$ 1,200,000.00
Bombard				\$ 350,000.00						\$ 350,000.00
Freezer										
Fuel Oil		\$ 50,000.00								\$ 50,000.00
Intercom						\$ 630,000.00				\$ 630,000.00
<b>Grand Total</b>	<b>\$ 200,000.00</b>	<b>\$ 50,000.00</b>	<b>\$ 200,000.00</b>	<b>\$ 350,000.00</b>	<b>\$ 200,000.00</b>	<b>\$ 910,000.00</b>	<b>\$ 200,000.00</b>	<b>\$ 700,000.00</b>	<b>\$ 200,000.00</b>	<b>\$ 2,230,000.00</b>

2026	AIN	AKP	ATQ	BHS	CO	CO2	HMS	IPK	KAK	KLC	M&O	PHO	PIZ	TECH - DW	TRANS	Grand Total
Abandoned piping																
DDC Controls		\$ 80,000.00		\$ 1,250,000.00			\$ 910,000.00									\$ 2,250,000.00
Electrical Service							\$ 120,000.00				\$ 15,000.00					\$ 135,000.00
Fire Alarm				\$ 98,000.00				\$ 500,000.00								\$ 998,000.00
Fee Pump								\$ 20,000.00								\$ 20,000.00
Fire Sprinkler			\$ 21,000.00	\$ 2,940,000.00											\$ 3,000,000.00	\$ 5,951,000.00
Floor									\$ 20,000,000.00							\$ 20,000,000.00
Harold Karvotack School Rebuild		\$ 580,000.00		\$ 2,150,000.00			\$ 1,050,000.00			\$ 200,000.00	\$ 450,000.00					\$ 4,380,000.00
Heating				\$ 630,000.00								\$ 25,000.00	\$ 210,000.00			\$ 485,000.00
HVAC	\$ 490,000.00	\$ 1,124,000.00	\$ 700,000.00	\$ 630,000.00				\$ 800,000.00								\$ 4,200,000.00
Intercom				\$ 630,000.00				\$ 420,000.00								\$ 1,050,000.00
Intercom/Clocks										\$ 200,000.00						\$ 200,000.00
Intercom/Paging																\$ 630,000.00
Lighting				\$ 200,000.00	\$ 20,000.00	\$ 30,000.00	\$ 40,000.00	\$ 250,000.00	\$ 100,000.00							\$ 640,000.00
Lighting Electrical								\$ 350,000.00								\$ 350,000.00
Plumbing			\$ 56,000.00						\$ 42,000.00		\$ 150,000.00		\$ 3,020,000.00			\$ 3,262,000.00
Power Distribution									\$ 25,000.00	\$ 8,000.00		\$ 20,000.00				\$ 53,000.00
Security										\$ 350,000.00						\$ 350,000.00
Tech Refresh														\$ 2,425,450.00		\$ 2,425,450.00
Telephone/Data												\$ 200,000.00				\$ 200,000.00
<b>Grand Total</b>	<b>\$ 490,000.00</b>	<b>\$ 1,784,000.00</b>	<b>\$ 777,000.00</b>	<b>\$ 7,558,000.00</b>	<b>\$ 20,000.00</b>	<b>\$ 30,000.00</b>	<b>\$ 180,000.00</b>	<b>\$ 3,560,000.00</b>	<b>\$ 742,000.00</b>	<b>\$ 20,175,000.00</b>	<b>\$ 758,000.00</b>	<b>\$ 45,800.00</b>	<b>\$ 3,420,000.00</b>	<b>\$ 2,425,450.00</b>	<b>\$ 3,000,000.00</b>	<b>\$ 45,819,450.00</b>

2027	AIN	AKP	ATQ	BHS	CO	CO2	HMS	IPK	KAK	KLC	M&O	PHO	PIZ	Grand Total	
Back up power	\$ 200,000.00							\$ 200,000.00						\$ 200,000.00	
Boil System	\$ 300,000.00													\$ 300,000.00	
Boiler Room Vent Fan							\$ 15,000.00							\$ 15,000.00	
Chabirt Unit Heater							\$ 80,000.00							\$ 80,000.00	
Clock System	\$ 250,000.00						\$ 290,000.00			\$ 70,000.00	\$ 100,000.00	\$ 360,000.00		\$ 1,050,000.00	
DDC Controls	\$ 353,000.00	\$ 30,000.00					\$ 400,000.00							\$ 1,183,000.00	
Devices														\$ 450,000.00	
Electrical Service				\$ 1,250,000.00	\$ 150,000.00									\$ 1,400,000.00	
Electrical Standby											\$ 120,000.00			\$ 120,000.00	
Fire Alarm		\$ 770,000.00												\$ 770,000.00	
Fire Sprinkler	\$ 756,000.00													\$ 756,000.00	
Fuel Oil	\$ 268,000.00		\$ 90,000.00								\$ 50,000.00		\$ 210,000.00	\$ 608,000.00	
Heating			\$ 350,000.00					\$ 770,000.00	\$ 420,000.00		\$ 350,000.00	\$ 350,000.00		\$ 2,240,000.00	
HVAC	\$ 3,354,400.00		\$ 873,000.00		\$ 50,000.00		\$ 10,025,000.00				\$ 320,000.00		\$ 1,215,000.00	\$ 15,987,400.00	
Intercom	\$ 350,000.00													\$ 350,000.00	
Intercom/Clocks											\$ 470,000.00			\$ 470,000.00	
Lighting	\$ 1,030,000.00			\$ 645,000.00				\$ 1,000,000.00						\$ 2,675,000.00	
Plumbing	\$ 1,430,000.00		\$ 70,000.00	\$ 20,000.00								\$ 140,000.00	\$ 10,000.00	\$ 1,670,000.00	
Power	\$ 20,000.00													\$ 20,000.00	
Power Distribution									\$ 10,000.00					\$ 10,000.00	
Security													\$ 200,000.00	\$ 200,000.00	
Telephone/Data	\$ 329,000.00													\$ 329,000.00	
Wiring Devices														\$ 200,000.00	
<b>Grand Total</b>	<b>\$ 8,631,400.00</b>	<b>\$ 1,020,000.00</b>	<b>\$ 1,483,000.00</b>	<b>\$ 889,000.00</b>	<b>\$ 175,000.00</b>	<b>\$ 350,000.00</b>	<b>\$ 10,520,000.00</b>	<b>\$ 1,970,000.00</b>	<b>\$ 620,000.00</b>	<b>\$ 70,000.00</b>	<b>\$ 420,000.00</b>	<b>\$ 1,480,000.00</b>	<b>\$ 140,000.00</b>	<b>\$ 1,783,000.00</b>	<b>\$ 29,728,400.00</b>

2028	AIN	AKP	ATQ	BHS	CO	CO2	DW	HMS	IPK	KAK	KLC	NUI	PHO	Grand Total
DDC Controls									\$ 700,000.00					\$ 700,000.00
Electrical Service		\$ 10,000.00		\$ 280,000.00				\$ 500,000.00				\$ 275,000.00	\$ 290,000.00	\$ 1,315,000.00
Fire Sprinkler		\$ 770,000.00												\$ 770,000.00
Freezers								\$ 257,000.00						\$ 257,000.00
Heating		\$ 25,000.00			\$ 200,000.00	\$ 7,800,000.00						\$ 490,000.00		\$ 8,515,000.00
HVAC	\$ 308,000.00	\$ 280,000.00	\$ 373,000.00	\$ 1,750,000.00	\$ 100,000.00	\$ 850,000.00		\$ 50,000.00			\$ 250,000.00	\$ 392,000.00	\$ 252,000.00	\$ 4,605,000.00
Kitchen Over Roll Ups							\$ 2,000,000.00							\$ 2,000,000.00
Lift Station								\$ 500,000.00						\$ 500,000.00
Lighting		\$ 400,000.00		\$ 630,000.00				\$ 950,000.00	\$ 200,000.00		\$ 90,000.00			\$ 2,270,000.00
Other				\$ 210,000.00										\$ 210,000.00
Plumbing									\$ 400,000.00					\$ 400,000.00
Power Distribution									\$ 500,000.00	\$ 10,000.00		\$ 100,000.00		\$ 610,000.00
Telephone/Data								\$ 200,000.00						\$ 200,000.00
<b>Grand Total</b>	<b>\$ 308,000.00</b>	<b>\$ 1,488,000.00</b>	<b>\$ 373,000.00</b>	<b>\$ 3,870,000.00</b>	<b>\$ 300,000.00</b>	<b>\$ 8,350,000.00</b>	<b>\$ 2,000,000.00</b>	<b>\$ 1,752,000.00</b>	<b>\$ 1,800,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 615,000.00</b>	<b>\$ 1,332,000.00</b>	<b>\$ 252,000.00</b>	<b>\$ 22,347,000.00</b>

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
SITE SPECIFIC PROJECT TOTALS**

PROJECT TYPE	AIN	ANP	ATQ	BHS	CO	EO	CO2	OW	TPAS	TPK	KAK	KLC	MBO	HBI	PHO	PZ	PZ	TECH/DW	TRANS	Grand Total
Abandoned Piping																				
Back Up Power	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00						\$ 200,000.00	\$ 200,000.00			\$ 200,000.00	\$ 200,000.00					\$ 200,000.00	\$ 1,800,000.00
Bell System	\$ 300,000.00																			\$ 300,000.00
Bolus Room Vent Fan									\$ 15,000.00											\$ 15,000.00
Branch Circuits				\$ 30,000.00																\$ 30,000.00
Cabinet Unit Heater									\$ 80,000.00											\$ 80,000.00
Block System	\$ 250,000.00																			\$ 250,000.00
Comps				\$ 178,000.00																\$ 178,000.00
ODC Comps	\$ 553,000.00	\$ 110,000.00		\$ 1,280,000.00			\$ 200,000.00		\$ 810,000.00	\$ 700,000.00		\$ 70,000.00	\$ 100,000.00	\$ 350,000.00		\$ 75,000.00				\$ 4,328,000.00
Devices									\$ 400,000.00											\$ 400,000.00
Electrical Service		\$ 10,000.00		\$ 770,000.00	\$ 125,000.00		\$ 770,000.00				\$ 100,000.00	\$ 275,000.00	\$ 215,000.00	\$ 250,000.00						\$ 2,815,000.00
Electrical Standby													\$ 120,000.00							\$ 120,000.00
Elevator				\$ 350,000.00																\$ 350,000.00
Fans				\$ 98,000.00																\$ 98,000.00
Fire Alarm	\$ 784,000.00	\$ 770,000.00		\$ 1,358,000.00					\$ 500,000.00			\$ 300,000.00			\$ 20,000.00					\$ 3,132,000.00
Fire Pump									\$ 20,000.00											\$ 20,000.00
Fire Sprinkler	\$ 758,000.00	\$ 770,000.00	\$ 21,000.00	\$ 2,940,000.00											\$ 20,000.00		\$ 350,000.00		\$ 3,600,000.00	\$ 7,657,000.00
Fiber																				
Freezer									\$ 252,000.00											\$ 252,000.00
Fuel Oil	\$ 259,000.00	\$ 60,000.00	\$ 90,000.00											\$ 50,000.00		\$ 210,000.00				\$ 659,000.00
Hospital Karvebak School Rebuild										\$ 20,000,000.00										\$ 20,000,000.00
Heating	\$ 605,000.00	\$ 380,000.00	\$ 2,100,800.00	\$ 200,000.00	\$ 7,800,000.00				\$ 1,050,000.00	\$ 770,000.00	\$ 420,000.00	\$ 200,000.00	\$ 450,000.00	\$ 840,000.00		\$ 350,000.00				\$ 15,438,000.00
HVAC	\$ 6,182,400.00	\$ 1,404,000.00	\$ 2,389,000.00	\$ 2,980,000.00	\$ 150,000.00		\$ 850,000.00		\$ 10,075,000.00	\$ 740,000.00	\$ 250,000.00	\$ 25,000.00	\$ 712,000.00	\$ 277,000.00	\$ 1,988,000.00					\$ 24,929,400.00
Interscom	\$ 350,000.00								\$ 420,000.00	\$ 630,000.00										\$ 1,480,000.00
Intercom/Clocks		\$ 420,000.00		\$ 630,000.00											\$ 620,000.00					\$ 1,870,000.00
Intercom/Paging								\$ 2,000,000.00												\$ 2,000,000.00
Kitchen Door Roll Ups												\$ 200,000.00								\$ 200,000.00
LAB Station									\$ 800,000.00											\$ 800,000.00
Lighting	\$ 1,030,000.00	\$ 402,000.00		\$ 1,478,000.00	\$ 20,000.00	\$ 80,000.00	\$ 740,000.00		\$ 1,200,000.00	\$ 1,300,000.00		\$ 90,000.00			\$ 780,000.00					\$ 7,037,000.00
Lighting Exterior									\$ 350,000.00											\$ 350,000.00
Other		\$ 58,000.00		\$ 1,210,000.00											\$ 660,000.00	\$ 500,000.00				\$ 2,378,000.00
Pumbing	\$ 3,690,000.00	\$ 1,000,000.00	\$ 685,000.00	\$ 650,000.00		\$ 300,000.00			\$ 200,800.00	\$ 442,000.00	\$ 650,000.00				\$ 140,000.00	\$ 3,030,000.00				\$ 10,787,000.00
Pumbing Footcues									\$ 200,800.00											\$ 200,800.00
Power	\$ 20,000.00																			\$ 20,000.00
Power Distribution		\$ 364,000.00							\$ 1,000,000.00	\$ 500,000.00	\$ 53,000.00	\$ 8,000.00		\$ 1,100,000.00	\$ 20,000.00					\$ 3,045,000.00
Security														\$ 350,000.00						\$ 350,000.00
Tech Refresh																		\$ 2,425,450.00		\$ 2,425,450.00
Telecom/Class															\$ 200,000.00					\$ 200,000.00
Telecommunication Infrastructure									\$ 238,000.00	\$ 350,000.00										\$ 588,000.00
Telephone/Data	\$ 329,000.00			\$ 770,000.00			\$ 200,000.00					\$ 50,000.00	\$ 100,000.00	\$ 420,000.00						\$ 1,869,000.00
Wiring Devices				\$ 200,000.00																\$ 200,000.00
<b>Grand Total</b>	<b>\$ 12,663,480.00</b>	<b>\$ 6,461,000.00</b>	<b>\$ 3,715,000.00</b>	<b>\$ 18,398,000.00</b>	<b>\$ 495,000.00</b>	<b>\$ 30,800.00</b>	<b>\$ 18,880,000.00</b>	<b>\$ 2,000,000.00</b>	<b>\$ 17,410,000.00</b>	<b>\$ 5,632,000.00</b>	<b>\$ 21,223,000.00</b>	<b>\$ 1,293,000.00</b>	<b>\$ 1,210,000.00</b>	<b>\$ 8,372,000.00</b>	<b>\$ 197,000.00</b>	<b>\$ 5,740,000.00</b>	<b>\$ 200,000.00</b>	<b>\$ 2,425,450.00</b>	<b>\$ 3,200,000.00</b>	<b>\$ 118,398,000.00</b>

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
2026 PROJECT TYPE**

SITE	Building	Project Type	Equipment	Approx Year Installed	Typ. Life Expectancy (years)	SCHED. REPLACEMENT YEAR	System	Brief Title	Description of Issue	Recommended Solution	2024 RAS Update	Estimated Cost
BHS	Barrow High School	Lighting	EM Egress	1980	N/A	2026	EM Egress	Non-Illuminated Exit Signs Listing	Non-Illuminated type exit signs in use at the facility are not an approved means of egress signage, as they do not have an external illuminating source.	Replace non-illuminated type exit signs with new LED Type as required to provide adequate signage for egress.	New item.	\$ 150,000.00
BHS	Barrow High School	Lighting	EM Egress	1980	N/A	2026	EM Egress	Self-Illuminating Exit Signs Expired	Self-Illuminating type exit signs in use at the facility are for the most part out of date and well past the end of their useful lives.	Replace self-illuminating type exit signs with new LED Type as required to provide adequate signage for egress.	New item.	\$ 50,000.00
CO	Central Office	Lighting	Lighting	1980	20	2026	Lighting	Existing, T8, CFL and HPS lighting not as energy efficient as new LED	The existing lighting fixtures are a combination of fluorescent (T8 and Compact Fluorescent) inside and High Pressure Sodium (HPS) outside.	Upgrade existing lighting to LED. Replace all existing lights on a one-for-one basis with new LED luminaires.	No update	\$ 20,000.00
CO	Central Office	Lighting	Lighting Controls	1980	20	2026	Lighting Controls	Manual controls are outdated and areas could be fitted with motion controls to improve building efficiency.	Lighting controls are outdated and in all areas manual switching is used.	Consider replacing manual controls with motion controls and some dimming as is appropriate for the area they are installed.	No update	\$ 30,000.00
CO2	Central Office 2	Lighting	Lighting Controls	1980	20	2026	Lighting Controls	Lighting control system passed it's useful life	The lighting controls are part of the Johnson control system (fire alarm, DDC, security). It is passed the end of its useful life.	Consider replacing lighting control panel with a stand-alone lighting control panel with simple Hand/Off/Auto overrides.	No update	\$ 40,000.00
HMS	Eben Hopson Middle School	Lighting	EM lighting	1992	20	2026	Lighting	EM lighting is insufficient	Most of the EM lighting was inoperable or expired.	Replace EM lighting with new LED and extend lighting circuits as required to accommodate replacement	No change noted.	\$ 250,000.00
HMS	Eben Hopson Middle School	Lighting Exterior	Exterior Lights	2005	20	2026	Lighting	Exterior light fixtures and circuits	LED lights and circuits are corroding and need to be replaced.	Replace lights and circuits with materials and means that will hold up to arctic coastal conditions.	New item.	\$ 350,000.00
IPK	Ipalook Elementary School	Lighting	EM lighting	1992	20	2026	Lighting	EM lighting is insufficient	Most of the EM lighting was inoperable or expired.	Replace EM lighting with new LED and extend lighting circuits as required to accommodate replacement	No change noted.	\$ 100,000.00
TRANS	Transportation Facility	Lighting	Emergency Lighting	1980	10	2026	Lighting	Most of the EM lighting was inoperable or expired.	The majority of the emergency lighting units tested had inoperable batteries. Several others were broken. The exit signs were self powered (nuclear) type that were expired.	Replace all emergency lighting units (bugeyes) on a one-for-one basis with new LED battery units. Replace exit signs with new powered 120V LED type. Provide new unswitched wiring to local lighting circuit.	No update	\$ 272,727.27
TRANS	Transportation Facility	Lighting	Lighting	1980	20	2026	Lighting	Existing, T8, CFL and HPS lighting not as energy efficient as new LED	The existing lighting fixtures are a combination of fluorescent (T8 and Compact Fluorescent) inside and High Pressure Sodium (HPS) outside.	Upgrade existing lighting to LED. Replace all existing lights on a one-for-one basis with new LED luminaires.	No update	\$ 272,727.27

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
2026 PROJECT TYPE**

SITE	Building	Project Type	Equipment	Approx Year Installed	Typ. Life Expectancy (years)	SCHED. REPLACEMENT YEAR	System	Brief Title	Description of Issue	Recommended Solution	2024 RAS Update	Estimated Cost
KLC	Kiita Learning Community	Power Distribution	Branch Circuits	1980	30	2026	Power	Branch Circuit Nuisance Tripping	Per conversations with on-site personnel, receptacles on both sides of the shared wall between classrooms in the building are on the same circuit and the faculty are experiencing nuisance tripping. Faculty have taken to stringing series of extension cords from a separate receptacle circuit to plug in devices required for education.	Provide additional circuit from existing panelboard in building to feed half of receptacles on existing circuit.	New item.	\$ 8,000.00
KAK	Storage Facilities	Power Distribution	Branch Circuits	Various	30	2026	Power	Overcurrent protection missing.	Storage out buildings are feeding lighting and heaters with out separate overcurrent protection.	Add breaker box or fused disconnect to provide appropriate circuiting.	New item.	\$ 25,000.00
PHO	Tikigaq School	Power Distribution	Electrical Service	2015	40	2026	Power	Low voltage reported on kitchen panel.	It was reported that the kitchen panel was reading 191V where it should have been 208V.	Investigate cause for low voltage at all panels. If system low voltage is the issue, change the taps within distribution transformers to correct the issue. Replace/upsized feeders if required.	No Change Noted	\$ 20,000.00
TRANS	Transportation Facility	Power Distribution	Panelboards	1980	40	2026	Power	Panel 'C' neutral conductor not terminated properly.	The main feeder neutral to the panel is terminated on the neutral bus instead of the main neutral lug and individual strands are terminated at multiple terminals.	Relocate the neutral to the panel lug. Re install neutral conductor if not long enough. Include connection from the main lug to the neutral bus if not present.	New item	\$ 272,727.27

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
2026 PROJECT TYPE**

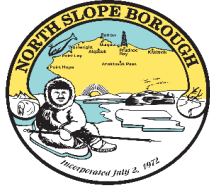
SITE	Building	Project Type	Equipment	Approx Year Installed	Typ. Life Expectancy (years)	SCHED. REPLACEMENT YEAR	System	Brief Title	Description of Issue	Recommended Solution	2024 RAS Update	Estimated Cost
KLC	Kiita Learning Community	Security	Physical Security System	N/A	N/A	2026	Physical Security System	Physical Security Addition	There is currently no physical security system in place. Per conversations with staff, building lockdowns are relatively common, forcing staff to manually lock each door.	Provide new building wide physical security system capable of remotely locking exterior doors.	New item.	\$ 200,000.00
KLC	Kiita Learning Community	Security	Video System		20	2026	Video System	Exterior Camera Coverage	There is limited exterior video camera coverage of the front entry into building. Per conversations with on-site personnel, this area is a problem spot.	Provide new exterior camera coverage of front entry into building. Coordinate with building staff for problem areas. Connect to existing building VMS.	New item.	\$ 150,000.00

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
2026 PROJECT TYPE**

SITE	Building	Project Type	Equipment	Approx Year Installed	Typ. Life Expectancy (years)	SCHED. REPLACEMENT YEAR	System	Brief Title	Description of Issue	Recommended Solution	2024 RAS Update	Estimated Cost
CO2	Central Office 2	Electrical Service	Electrical Service Entrances	1980	40	2026	Power	Multiple Services to a single building fed from various sources and locations.	The multiple services and locations are in violation of NEC. A lot of the service entrance equipment is no longer manufactured.	Redo the existing services to one single service. Refeed existing panels from the new service. Utility Metering appears to be optional but we would recommend providing provisions for metering in the future.	Replaced with Notifier	\$ 120,000.00
M&O	Maintenance & Operations Building	Electrical Service	Wiring Devices	1980	20	2026	Power	Replace receptacles and switches.	Existing wiring devices are in average to poor shape due to age.	Replace one-for-one all devices.	New FACP and device	\$ 15,000.00
TRANS	Transportation Facility	Electrical Service	Wiring Devices	1980	20	2026	Power	Replace receptacles and switches.	Existing wiring devices are in average to poor shape due to age.	Replace one-for-one all devices.	New FACP and device	\$ 272,727.27

**NORTH SLOPE BOROUGH SCHOOL DISTRICT  
2026 PROJECT TYPE**

SITE	Building	Project Type	Equipment	Approx Year Installed	Typ. Life Expectancy (years)	SCHED. REPLACEMENT YEAR	System	Brief Title	Description of Issue	Recommended Solution	2024 RAS Update	Estimated Cost
TRANS	Transportation Facility	Abandoned piping	Abandoned piping	1982	30	2026	Gas piping	Abandoned gas piping	Natural gas piping outside of building abandoned and interferes with access to building and reduces potential parking areas	Demolish abandoned gas piping.	No update.	\$ 272,727.27
TRANS	Transportation Facility	Floor	Floor	1982	30	2026	Drainage	The flooring around some of the trench drains is rotting and unsafe for vehicles to use	The flooring around some of the trench drains is rotting and unsafe for vehicles to use	Repair flooring and structure underneath and around the trench drains as needed.	No update.	\$ 272,727.27



**North Slope  
Borough  
Six-Year  
Capital Plan**

	2025	2026	2027	2028	2029	2030
New GO Bond	\$200,000,000	\$414,437,832	\$254,356,000	\$166,740,000	\$65,940,000	\$64,940,000
Other (grants, private)		\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
<b>Total Program</b>	<b>\$200,000,000</b>	<b>\$429,437,832</b>	<b>\$274,356,000</b>	<b>\$186,740,000</b>	<b>\$85,940,000</b>	<b>\$84,940,000</b>
Expansion	\$61,607,000	\$171,356,222	\$94,635,000	\$57,390,000	\$9,390,000	\$23,390,000
Upgrades	\$138,393,000	\$258,081,610	\$179,721,000	\$129,350,000	\$76,550,000	\$61,550,000

Project #	Project Description	2025	2026	2027	2028	2029	2030
<b>SECTION 07 - ROADS, STREETS, &amp; WATERCOURSES</b>		<b>\$7,000,000</b>	<b>\$59,588,800</b>	<b>\$22,035,000</b>	<b>\$24,690,000</b>	<b>\$19,690,000</b>	<b>\$24,690,000</b>
	<i>Expansion of existing programs listed below</i>	\$7,000,000	\$27,351,000	\$7,035,000	\$4,690,000	\$4,690,000	\$4,690,000
	<i>Upgrades to existing programs listed below</i>	\$0	\$32,237,800	\$15,000,000	\$20,000,000	\$15,000,000	\$20,000,000
57-230	PLAT & SURV DED RHT OF WAY	Closing					
57-239	ARWD SNOW FENCE UPGRADE	Closing					
57-241	AREAWIDE EMERGENCY RESPONSE						
57-251	BRW ARCTIC RESEARCH CENTER RD		\$20,000,000				
57-264	AKP MUSEUM ACCESS ROAD	Closing					
57-268	BRW COASTAL EROSN MITIGATN	\$7,000,000	\$7,351,000	\$7,035,000	\$4,690,000	\$4,690,000	\$4,690,000
57-269	PHO COASTAL EROSN MITIGATN	Closing					
57-270	NUNAVAAK ROAD UPGRADE PH.1	Closing					
57-271	PHO ROAD RESURFACING PH.1	Closing					
57-272	NSB GRAVEL		\$12,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000
57-273	AW ROAD STAB.UPGRADE	Closing					
57-274	POINT LAY DRAINAGE DESIGN						
57-275	POINT HOPE NEW SUBD.ROADS	Closing					
57-277	AW ROAD IMPROVEMENT PROJECT		\$5,000,000		\$5,000,000		\$5,000,000
57-279	BRW GASWELL RD.UPGRD PH.I		\$14,737,800	\$12,000,000	\$12,000,000	\$12,000,000	\$12,000,000
57-280	UTQIAGVIK 2017 STORM RECOVERY						

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 57-268

CIP PROJECT TITLE: BRW Coastal Erosion Mitigation

THIS IS A : \_\_\_\_\_ TITLE CHANGE

XXX PROJECT SCOPE MODIFICATION

XXX BUDGETARY GUIDELINE REVISION

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVES-L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$24,939,000		\$6,850,000
<b>BUDGET INCREASE</b>	<b>\$7,000,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$31,939,000		\$6,850,000
<b>TOTAL PROJECT AMOUNT</b>	<b>\$38,789,000</b>		

**SOURCE DESCRIPTION: \$7,000,000 in new G.O. bond funds is being requested.**

**PROJECT DESCRIPTION:** Barrow Coastal Erosion Mitigation will compile and review all previous studies conducted regarding Barrow Coastal Erosion and proceed with the Design of the preferred option, establish property control, permits, and perform construction activities that focus to preserve the most at-risk NSB infrastructure from coastal erosion damage, within the project budget. 2024-10 Funding is intended to fund construction in 2025. **2025-10 Funding is for 2026 construction season. This project, and associated requests, will continue through the end of the project, currently projected for 2032.**

**JUSTIFICATION:** Due to its placement and close proximity to the coastline, the community of Barrow has historically suffered damage from coastal storms in fall and summer months. It is becoming more costly to repair damage caused by erosion annually. Currently key elements of the Barrow infrastructure are at risk.

REQUESTING ENTITY: Port Authority  
 PROJECT NAME: Barrow Coastal Erosion Project  
 LOCATION: Utqiagvik, AK

NSB PLANNING DEPARTMENT USE ONLY			
TEMPORARY/CIP PROJECT NO.:	57268	TYPE:	Select
DATE SUBMITTED:	3/7/25	AMOUNT REQUESTED:	\$7,000,000
REQUESTING ENTITY:	Port Authority	AMOUNT RECOMMENDED:	\$7,000,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - Barrow Seawall Project
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - \$7,000,000
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)			\$
<b>Administration</b> (NSB project management)			\$

<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)	\$7,000,000	Estimated by US Army Corps of Engineers	\$\$7,000,000
<b>TOTAL</b>			\$7,000,000
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- The \$7,000,000 request is for 2026 construction season. This project, and associated requests, will continue through the end of the project, currently projected for 2032. We anticipate early requests will be slightly higher due to initial mobilization and barge costs. The NSB is required to match USACE funds at a 90/10 split. Total estimated cost of the entire project is \$494M, with 10%, or \$49.4M, the NSB's responsibility.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- The seawall is not constructed yet.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- The five mile seawall will protect over a billion dollars of infrastructure once complete.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- We will be required to maintain the seawall once it is turned over to the NSB.

Indicate if this is a reoccurring upgrade or repair.

➤

Detail outside funds being leveraged, if applicable.

- As mentioned above, federal government pays for 90% of the overall costs of the seawall. The NSB, as the non-federal sponsor, covers the remaining 10%.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- USACE is fully aware of our eroding shoreline and completed a feasibility analysis for the project. Design is complete as well. We are now in construction phase.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- As noted above, USACE feasibility analysis.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Same as above.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- The seawall will prevent our continuing ongoing efforts by Public Works to fight severe storms as they are occurring. Will also eliminate the need for super sacks of gravel and repairs to current roadways after storms.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- Barrow PPA

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

- A Project Partnership Agreement with USACE was signed by previous mayor committing the NSB to the project.

**REQUESTOR INFORMATION**

**Requestor Name and Title:** Scott Evans, Port Authority & Dept. of Administration Director

**Requestor Signature:** Scott Evans

Digitally signed by Scott Evans  
Date: 2025.03.07 15:53:58 -09'00'

**Date:** 3/7/2025

**Department Director Name:** Scott Evans

**Department Director Signature:** Scott Evans

Digitally signed by Scott Evans  
Date: 2025.03.07 15:54:13 -09'00'

**Date:** 3/7/2025

REQUESTING ENTITY: Port Authority  
PROJECT NAME: Barrow Coastal Erosion Project  
LOCATION: Utqiagvik, AK

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

PROJECT PARTNERSHIP AGREEMENT  
BETWEEN  
THE DEPARTMENT OF THE ARMY  
AND  
NORTH SLOPE BOROUGH, ALASKA  
FOR  
THE BARROW, ALASKA COASTAL EROSION PROJECT

THIS AGREEMENT is entered into this 18<sup>th</sup> day of August, 2023, by and between the Department of the Army (hereinafter the "Government"), represented by the District Commander for Alaska District and the North Slope Borough, Alaska (hereinafter the "Non-Federal Sponsor"), represented by its Mayor.

WITNESSETH, THAT:

WHEREAS, construction of the Barrow, Alaska Coastal Erosion Project (hereinafter the "Project", as defined in Article I.A. of this Agreement) was authorized by Section 8315 of the Water Resources Development Act (hereinafter "WRDA") of 2022 (hereinafter "Section 8315");

WHEREAS, in accordance with Section 160 of WRDA 2020 (33 U.S.C. 2201 note), the Project benefits an economically disadvantaged community as defined by the Assistant Secretary of the Army (Civil Works), and as such, Section 8315(b)(2) specifies the cost-sharing requirements applicable to the Project;

WHEREAS, to the extent that appropriations provided under the Construction heading, Division B, Title IV of the Disaster Relief Supplemental Appropriations Act, 2022, Public Law 117-43, enacted September 30, 2021 (hereinafter "DRSAA 22") are available for such purpose, the Non-Federal Sponsor may, but is not required to, finance the non-Federal cash contributions required for construction of the Project, pursuant to the provisions of Section 103(k) of the Water Resources Development Act (WRDA) of 1986 (33 U.S.C. 2213(k)), with the interest rate for deferred payments determined in accordance with Section 106 of WRDA 1986 (33 U.S.C. 2216);

WHEREAS, 33 U.S.C. 701h authorizes the Government to undertake, at the Non-Federal Sponsor's full expense, additional work while the Government is carrying out the Project; and

WHEREAS, the Government and the Non-Federal Sponsor have the full authority and capability to perform in accordance with the terms of this Agreement and acknowledge that Section 221 of the Flood Control Act of 1970, as amended (42 U.S.C. 1962d-5b), provides that this Agreement shall be enforceable in the appropriate district court of the United States.

NOW, THEREFORE, the parties agree as follows:

## ARTICLE I - DEFINITIONS

A. The term "Project" means approximately 5 miles of coastal shore protection consisting of an approximately +19 foot mean lower low water (MLLW) rock revetment along the natural bluff in front of the airport, the Utqiagvik Village archeological site, and Barrow neighborhood; an approximately +14.5 foot MLLW revetted berm in front of the freshwater lagoon; and an approximately +14.5 foot raised and revetted coastal road (Stevenson Street) stretching from the end of the lagoon north to Dewline Road, encompassing Bowerville, the landfill, sewage lagoons, and the Naval Arctic Research Laboratory, as generally described in the Barrow Alaska Coastal Erosion Section 116 Feasibility Report and Environmental Assessment, dated October 2019 and approved by the Director of Civil Works on December 11, 2019.

B. The term "HTRW" means hazardous, toxic, and radioactive wastes, which includes any material listed as a "hazardous substance" (42 U.S.C. 9601(14)) regulated under the Comprehensive Environmental Response, Compensation, and Liability Act (hereinafter "CERCLA") (42 U.S.C. 9601-9675) and any other regulated material in accordance with applicable laws and regulations.

C. The term "construction costs" means all costs incurred by the Government and Non-Federal Sponsor in accordance with the terms of this Agreement that are directly related to design and construction of the Project and cost shared. The term includes the Government's costs and the Non-Federal Sponsor's creditable contributions pursuant to the terms of the Design Agreement executed on September 14, 2020; the Government's engineering, design, and construction, including monitoring, costs; the Government's supervision and administration costs; the Non-Federal Sponsor's creditable costs for providing real property interests, placement area improvements, and relocations and for providing in-kind contributions, if any; costs for mitigation, including monitoring and adaptive management, if applicable; and the costs of historic preservation activities except for data recovery for historic properties. The term does not include any costs for operation, maintenance, repair, rehabilitation, or replacement; HTRW cleanup and response; dispute resolution; participation by the Government and the Non-Federal Sponsor in the Project Coordination Team to discuss significant issues and actions; audits; betterments; additional work; or the Non-Federal Sponsor's cost to negotiate this Agreement.

D. The term "real property interests" means lands, easements, and rights-of-way, including those required for relocations and borrow and dredged material placement areas. Acquisition of real property interests may require the performance of relocations.

E. The term "relocation" means the provision of a functionally equivalent facility to the owner of a utility, cemetery, highway, railroad, or public facility when such action is required by applicable legal principles of just compensation. Providing a functionally equivalent facility may include the alteration, lowering, raising, or replacement and attendant demolition of the affected facility or part thereof.

F. The term "placement area improvements" means the improvements required on real property interests to enable the ancillary placement of material that has been dredged or

excavated during construction, operation, and maintenance of the Project, including, but not limited to, retaining dikes, wasteweirs, bulkheads, embankments, monitoring features, stilling basins, and dewatering pumps and pipes.

G. The term “functional portion thereof” means a portion of the Project that has been completed and that can function independently, as determined in writing by the District Commander for Alaska District (hereinafter the “District Commander”), although the remainder of the Project is not yet complete.

H. The term “in-kind contributions” means those materials or services provided by the Non-Federal Sponsor that are identified as being integral to the Project by the Division Commander for Pacific Ocean Division (hereinafter the “Division Commander”). To be integral to the Project, the material or service must be part of the work that the Government would otherwise have undertaken for design and construction of the Project. The in-kind contributions also include any initial investigations performed by the Non-Federal Sponsor to identify the existence and extent of any HTRW that may exist in, on, or under real property interests required for the Project; however, it does not include HTRW cleanup and response.

I. The term “betterment” means a difference in construction of an element of the Project that results from the application of standards that the Government determines exceed those that the Government would otherwise apply to construction of that element.

J. The term “fiscal year” means one year beginning on October 1<sup>st</sup> and ending on September 30<sup>th</sup> of the following year.

K. The term “additional work” means items of work related to, but not cost shared as a part of, the Project that the Government will undertake on the Non-Federal Sponsor’s behalf while the Government is carrying out the Project, with the Non-Federal Sponsor responsible for all costs and any liabilities associated with such work.

## ARTICLE II - OBLIGATIONS OF THE PARTIES

A. In accordance with Federal laws, regulations, and policies, the Government shall undertake construction of the Project using funds provided in DRSAA 22 and funds that may be provided by the Non-Federal Sponsor. In carrying out its obligations under this Agreement, the Non-Federal Sponsor shall comply with all requirements of applicable Federal laws and implementing regulations, including but not limited to, if applicable, Section 601 of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d), and Department of Defense Directive 5500.11 issued pursuant thereto; the Age Discrimination Act of 1975 (42 U.S.C. 6102); and the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Army Regulation 600-7 issued pursuant thereto.

B. The Non-Federal Sponsor shall contribute 10 percent of construction costs, as follows:

1. In accordance with Article III, the Non-Federal Sponsor shall provide the real property interests, placement area improvements, and relocations required for construction, operation, and maintenance of the Project.

2. If providing in-kind contributions as a part of its 10 percent cost share, the Non-Federal Sponsor shall obtain all applicable licenses and permits necessary for such work. As functional portions of the work are completed, the Non-Federal Sponsor shall begin operation and maintenance of such work. Upon completion of the work, the Non-Federal Sponsor shall so notify the Government within 30 calendar days and provide the Government with a copy of as-built drawings for the work.

3. After considering the contributions provided pursuant to the Design Agreement and the estimated amount of credit that will be afforded to the Non-Federal Sponsor pursuant to paragraphs B.1. and B.2. above, the Government shall determine the estimated amount of funds required from the Non-Federal Sponsor to meet its 10 percent cost share. The Government shall notify the Non-Federal Sponsor of funds required to meet its cost share for the then-current fiscal year.

a. No later than 60 calendar days after receipt of notification from the Government, the Non-Federal Sponsor shall provide the full amount of such funds for the then-current fiscal year in accordance with Article VI.C.

b. No later than August 1<sup>st</sup> prior to each subsequent fiscal year, the Government shall provide the Non-Federal Sponsor with a written estimate of the amount of funds required from the Non-Federal Sponsor during that fiscal year to meet its cost share. No later than September 1<sup>st</sup> prior to that fiscal year, the Non-Federal Sponsor shall provide at a minimum the full amount of such required funds to the Government in accordance with Article VI.C.

4. However, in lieu of providing the funds required from the Non-Federal Sponsor as specified in paragraph B.3. of this Article and subject to the availability of DRSA 22 funds, the Non-Federal Sponsor may finance its required non-Federal funds in proportion to the Federal expenditures for the Government's share of construction costs in accordance with Article VI.D.

C. To the extent practicable and in accordance with Federal law, regulations, and policies, the Government shall afford the Non-Federal Sponsor the opportunity to review and comment on contract solicitations, including relevant plans and specifications, prior to the Government's issuance of such solicitations; proposed contract modifications, including change orders; and contract claims prior to resolution thereof. Ultimately, the contents of solicitations, award of contracts, execution of contract modifications, and resolution of contract claims shall be exclusively within the control of the Government.

D. The Government, as it determines necessary, shall undertake actions associated with historic preservation, including the identification and treatment of historic properties as those properties are defined in the National Historic Preservation Act of 1966, as amended (54 U.S.C.

300101-307108). All costs incurred by the Government for such work (including the mitigation of adverse effects other than data recovery) shall be included in construction costs and shared in accordance with the provisions of this Agreement. If historic properties are discovered during construction and the effect(s) of construction are determined to be adverse, strategies shall be developed to avoid, minimize, or mitigate these adverse effects. In accordance with 54 U.S.C. 312507, up to 1 percent of the total amount authorized to be appropriated for the Project may be applied toward data recovery of historic properties and such costs shall be borne entirely by the Government. In the event that costs associated with data recovery of historic properties exceed 1 percent of the total amount authorized to be appropriated for the Project, in accordance with 54 U.S.C. 312508, the Government will seek a waiver from the 1 percent limitation under 54 U.S.C. 312507 and upon receiving the waiver, will proceed with data recovery at full Federal expense. Nothing in this Agreement shall limit or otherwise prevent the Non-Federal Sponsor from voluntarily contributing costs associated with data recovery that exceed 1 percent.

E. When the District Commander determines that construction of the Project, or a functional portion thereof, is complete, the District Commander shall so notify the Non-Federal Sponsor in writing within 30 calendar days of such determination, and the Non-Federal Sponsor, at no cost to the Government, shall operate, maintain, repair, rehabilitate, and replace the Project, or such functional portion thereof. Such activities will generally consist of annual and periodic inspections, replacement/repositioning of armor as needed, outflow cleanout, and operation and maintenance as needed. The Government shall furnish the Non-Federal Sponsor with an Operation, Maintenance, Repair, Rehabilitation, and Replacement Manual (hereinafter the "OMRR&R Manual") and copies of all as-built drawings for the completed work.

1. The Non-Federal Sponsor shall conduct its operation, maintenance, repair, rehabilitation, and replacement responsibilities in a manner consistent with the Project's authorized purpose and in accordance with applicable Federal laws and regulations, and the Government's specific directions in the OMRR&R Manual. The Government and the Non-Federal Sponsor shall consult on any subsequent updates or amendments to the OMRR&R Manual.

2. The Government may enter, at reasonable times and in a reasonable manner, upon real property interests that the Non-Federal Sponsor now or hereafter owns or controls to inspect the Project, and, if necessary, to undertake any work necessary to the functioning of the Project for its authorized purpose. If the Government determines that the Non-Federal Sponsor is failing to perform its obligations under this Agreement and the Non-Federal Sponsor does not correct such failures within a reasonable time after notification by the Government, the Government, at its sole discretion, may undertake any operation, maintenance, repair, rehabilitation, or replacement of the Project. No operation, maintenance, repair, rehabilitation, or replacement by the Government shall relieve the Non-Federal Sponsor of its obligations under this Agreement or preclude the Government from pursuing any other remedy at law or equity to ensure faithful performance of this Agreement.

F. Not less than once each year, the Non-Federal Sponsor shall inform affected interests of the extent of risk reduction afforded by the Project.

G. Prior to the Government soliciting bids for a contract for construction of the Project or initiating construction of the Project, the Non-Federal Sponsor shall ensure participation in and compliance with applicable Federal floodplain management and flood insurance programs. The Non-Federal Sponsor may execute agreements with other non-Federal entities to ensure such participation and compliance.

H. In accordance with Section 402 of WRDA 1986, as amended (33 U.S.C. 701b-12), the Non-Federal Sponsor shall prepare a floodplain management plan for the Project within one year after the effective date of this Agreement and shall implement such plan no later than one year after completion of initial construction of the Project. The Non-Federal Sponsor may execute agreements with other non-Federal entities to ensure such preparation and implementation. The plan shall be designed to reduce the impacts of future coastal events in the project area, including but not limited to, addressing those measures to be undertaken by non-Federal interests to preserve the level of coastal storm risk reduction provided by such work. The Non-Federal Sponsor shall provide an information copy of the plan to the Government.

I. The Non-Federal Sponsor shall ensure publication of floodplain information in the area concerned and shall provide this information to zoning and other regulatory agencies for their use in adopting regulations, or taking other actions, to prevent unwise future development and to ensure compatibility with the Project. The Non-Federal Sponsor may execute agreements with other non-Federal entities to ensure such publication and provision.

J. The Non-Federal Sponsor shall prevent obstructions or encroachments on the Project (including prescribing and enforcing regulations to prevent such obstructions or encroachments) that might reduce the level of coastal storm risk reduction the Project affords, hinder operation and maintenance of the Project, or interfere with the Project's proper function.

K. The Non-Federal Sponsor shall not use Federal program funds to meet any of its obligations under this Agreement unless the Federal agency providing the funds verifies in writing that the funds are authorized to be used for the Project. Federal program funds are those funds provided by a Federal agency, plus any non-Federal contribution required as a matching share therefor.

L. In addition to the ongoing, regular discussions between the parties regarding Project delivery, the Government and the Non-Federal Sponsor may establish a Project Coordination Team to discuss significant issues or actions. The Government's costs for participation on the Project Coordination Team shall not be included in construction costs that are cost shared. The Non-Federal Sponsor's costs for participation on the Project Coordination Team shall not be included in construction costs that are cost shared and shall be paid solely by the Non-Federal Sponsor without reimbursement or credit by the Government.

M. The Non-Federal Sponsor may request in writing that the Government perform betterments or additional work on the Non-Federal Sponsor's behalf. Each request shall be subject to review and written approval by the Division Commander. If the Government agrees to such request, the Non-Federal Sponsor, in accordance with Article VI.E., must provide funds sufficient to cover the costs of such work in advance of the Government performing the work. In

addition, the Non-Federal Sponsor is responsible for providing, at no cost to the Government, any additional real property interests, relocations, and placement area improvements determined by the Government to be required for construction, operation, and maintenance of such work.

### ARTICLE III - REAL PROPERTY INTERESTS, PLACEMENT AREA IMPROVEMENTS, AND RELOCATIONS

A. The Government, after consultation with the Non-Federal Sponsor, shall determine the real property interests required for construction, operation, and maintenance of the Project. The Government shall provide the Non-Federal Sponsor with general written descriptions, including maps as appropriate, of the real property interests that the Government determines the Non-Federal Sponsor must provide for construction, operation, and maintenance of the Project, and shall provide the Non-Federal Sponsor with a written notice to proceed with acquisition. Prior to the Non-Federal Sponsor initiating acquisition of such real property interests or the Government initiating construction on real property interests already owned or controlled by the Non-Federal Sponsor, the Non-Federal Sponsor, in accordance with Article IV.A., shall investigate to verify that HTRW does not exist in, on, or under the real property interests required for construction, operation, and maintenance of the Project. Subject to the requirements in Article IV.B., the Non-Federal Sponsor shall acquire the real property interests and shall provide the Government with authorization for entry thereto according to the Government's construction schedule for the Project. The Non-Federal Sponsor shall ensure that real property interests provided for the Project are retained in public ownership for uses compatible with the authorized purposes of the Project.

B. The Government, after consultation with the Non-Federal Sponsor, shall determine the placement area improvements required for construction, operation, and maintenance of the Project, provide the Non-Federal Sponsor with general written descriptions, including maps as appropriate, of such improvements, and provide the Non-Federal Sponsor with a written notice to proceed with such improvements. The Non-Federal Sponsor shall construct the improvements in accordance with the Government's construction schedule for the Project.

C. The Government, after consultation with the Non-Federal Sponsor, shall determine the relocations required for construction, operation, and maintenance of the Project, provide the Non-Federal Sponsor with general written descriptions, including maps as appropriate, of such relocations, and provide the Non-Federal Sponsor with a written notice to proceed with such relocations. The Non-Federal Sponsor shall perform or ensure the performance of these relocations in accordance with the Government's construction schedule for the Project.

D. To the maximum extent practicable, no later than 30 calendar days after the Government provides the Non-Federal Sponsor with written descriptions and maps of the real property interests, placement area improvements, and relocations required for construction, operation, and maintenance of the Project, the Non-Federal Sponsor may request in writing that the Government acquire all or specified portions of such real property interests, construct placement area improvements, or perform the necessary relocations. If the Government agrees to such a request, the Non-Federal Sponsor, in accordance with Article VI.E., must provide funds

sufficient to cover the costs of the acquisitions, placement area improvements, or relocations in advance of the Government performing the work. The Government shall acquire the real property interests, construct the placement area improvements, and perform the relocations, applying Federal laws, policies, and procedures. The Government shall acquire real property interests in the name of the Non-Federal Sponsor except, if acquired by eminent domain, the Government shall convey all of its right, title and interest to the Non-Federal Sponsor by quitclaim deed or deeds. The Non-Federal Sponsor shall accept delivery of such deed or deeds. The Government's provision of real property interests, placement area improvements, or performing relocations on the Non-Federal Sponsor's behalf does not alter the Non-Federal Sponsor's responsibility under Article IV for the performance and costs of any HTRW cleanup and response related thereto.

E. In acquiring the real property interests for the Project, the Non-Federal Sponsor assures the Government that it will comply with the following:

(1) fair and reasonable relocation payments and assistance shall be provided to or for displaced persons, as are required to be provided by a Federal agency under 42 U.S.C. 4622, 4623 and 4624;

(2) relocation assistance programs offering the services described in 42 U.S.C. 4625 shall be provided to such displaced persons;

(3) within a reasonable period of time prior to displacement, comparable replacement dwellings will be available to displaced persons in accordance with 42 U.S.C. 4625(c)(3);

(4) in acquiring real property, the Non-Federal Sponsor will be guided, to the greatest extent practicable under State law, by the land acquisition policies in 42 U.S.C. 4651 and the provisions of 42 U.S.C. 4652; and

(5) property owners will be paid or reimbursed for necessary expenses as specified in 42 U.S.C. 4653 and 4654.

#### ARTICLE IV - HTRW

A. The Non-Federal Sponsor shall be responsible for undertaking any investigations to identify the existence and extent of any HTRW regulated under applicable law that may exist in, on, or under real property interests required for construction, operation, and maintenance of the Project.

B. In the event it is discovered that HTRW exists in, on, or under any of the real property interests needed for construction, operation, and maintenance of the Project, the Non-Federal Sponsor and the Government shall provide written notice to each other within 15 calendar days of such discovery, in addition to providing any other notice required by applicable law. If HTRW is discovered prior to acquisition, the Non-Federal Sponsor shall not proceed with the

acquisition of such real property interests until the parties agree that the Non-Federal Sponsor should proceed. If HTRW is discovered in, on, or under real property interests the Non-Federal Sponsor owns or controls or after acquisition of the real property interests, no further Project activities within the contaminated area shall proceed until the parties agree on an appropriate course of action.

C. If HTRW is found to exist in, on, or under any required real property interests, the parties shall consider any liability that might arise under applicable law and determine whether to initiate construction, or if already initiated, whether to continue, suspend, or terminate construction.

1. Should the parties initiate or continue construction, the Non-Federal Sponsor shall be solely responsible, as between the Government and the Non-Federal Sponsor, for the performance and costs of HTRW cleanup and response, including the costs of any studies and investigations necessary to determine an appropriate response to the contamination. The Non-Federal Sponsor shall pay such costs without reimbursement or credit by the Government. In no event will the Government proceed with that construction before the Non-Federal Sponsor has completed the required cleanup and response actions.

2. In the event the parties cannot reach agreement on how to proceed or the Non-Federal Sponsor fails to discharge its responsibilities under this Article upon direction by the Government, the Government may suspend or terminate construction. Additionally, the Government may undertake any actions it determines necessary to avoid a release of such HTRW with the Non-Federal Sponsor responsible for such costs without credit or reimbursement by the Government.

D. In the event of a HTRW discovery, the Non-Federal Sponsor and the Government shall initiate consultation with each other within 15 calendar days in an effort to ensure that responsible parties bear any necessary cleanup and response costs as required by applicable law. Any decision made pursuant to this Article shall not relieve any third party from any HTRW liability that may arise under applicable law.

E. To the maximum extent practicable, the Government and Non-Federal Sponsor shall perform their responsibilities under this Agreement in a manner that will not cause HTRW liability to arise under applicable law.

F. As between the Government and the Non-Federal Sponsor, the Non-Federal Sponsor shall be considered the owner and operator of the Project for purposes of CERCLA liability or other applicable law.

#### ARTICLE V - CREDIT FOR REAL PROPERTY INTERESTS, PLACEMENT AREA IMPROVEMENTS, RELOCATIONS, AND IN-KIND CONTRIBUTIONS

A. In accordance with this Article, the Government shall include in construction costs, and credit towards the Non-Federal Sponsor's share of such costs, the value of real property

interests acquired by the Non-Federal Sponsor from private owners after the effective date of this Agreement and the costs of placement area improvements, relocations, and in-kind contributions undertaken by the Non-Federal Sponsor after the effective date of this Agreement.

B. To the maximum extent practicable, no later than 3 months after it provides the Government with authorization for entry onto a real property interest or pays compensation to the owner, whichever occurs later, the Non-Federal Sponsor shall provide the Government with documents sufficient to determine the amount of credit to be provided for the real property interests in accordance with paragraph C.1. of this Article. To the maximum extent practicable, no less frequently than on a quarterly basis, the Non-Federal Sponsor shall provide the Government with documentation sufficient for the Government to determine the amount of credit to be provided for other creditable items in accordance with paragraph C. of this Article.

C. The Government shall verify and credit the Non-Federal Sponsor's eligible construction costs in accordance with the following procedures, requirements, and conditions to determine reasonableness, allocability, and allowability. Such costs shall be subject to audit in accordance with Article X.B.

1. Real Property Interests.

a. General Procedure. Only costs associated with real property interests acquired from private owners after the effective date of this Agreement are eligible for credit, except that the value of real property interests donated to the Non-Federal Sponsor are not eligible for credit. For each real property interest, the Non-Federal Sponsor shall obtain an appraisal of the fair market value of such interest that is prepared by a qualified appraiser who is acceptable to the parties. Subject to valid jurisdictional exceptions, the appraisal shall conform to the Uniform Standards of Professional Appraisal Practice. The appraisal must be prepared in accordance with the applicable rules of just compensation, as specified by the Government.

(1) Date of Valuation. The fair market value of creditable real property interests acquired by the Non-Federal Sponsor shall be the fair market value of such real property interests at the time the interests are acquired.

(2) Except for real property interests not eligible for credit or those acquired from private owners through eminent domain proceedings instituted after the effective date of this Agreement, the Non-Federal Sponsor shall submit an appraisal for each real property interest to the Government for review and approval no later than, to the maximum extent practicable, 60 calendar days after the Non-Federal Sponsor provides the Government with an authorization for entry for such interest or concludes the acquisition of the interest through negotiation or eminent domain proceedings, whichever occurs later. If, after coordination and consultation with the Government, the Non-Federal Sponsor is unable to provide an appraisal that is acceptable to the Government, the Government shall obtain an appraisal to determine the fair market value of the real property interest for crediting purposes.

(3) The Government shall credit the Non-Federal Sponsor the appraised amount approved by the Government. Where the amount paid or proposed to be paid

by the Non-Federal Sponsor exceeds the approved appraised amount, the Government, at the Non-Federal Sponsor's request, shall consider all factors relevant to determining fair market value and, in its sole discretion, after consultation with the Non-Federal Sponsor, may approve in writing an amount greater than the appraised amount for crediting purposes.

b. Eminent Domain Procedure. For real property interests acquired from private owners by eminent domain proceedings instituted after the effective date of this Agreement, the Non-Federal Sponsor shall notify the Government in writing of its intent to institute such proceedings and submit the appraisals of the specific real property interests to be acquired for review and approval by the Government. If the Government provides written approval of the appraisals, the Non-Federal Sponsor shall use the amount set forth in such appraisals as the estimate of just compensation for the purpose of instituting the eminent domain proceeding. If the Government provides written disapproval of the appraisals, the Government and the Non-Federal Sponsor shall consult to promptly resolve the issues that are identified in the Government's written disapproval. In the event that the issues cannot be resolved, the Non-Federal Sponsor may use the amount set forth in its appraisal as the estimate of just compensation for the purpose of instituting the eminent domain proceeding. The fair market value for crediting purposes shall be either the amount of the court award for the real property interests taken or the amount of any stipulated settlement or portion thereof that the Government approves in writing.

c. Waiver of Appraisal. Except as required by paragraph C.1.b. of this Article, the Government may waive the requirement for an appraisal pursuant to this paragraph if, in accordance with 49 C.F.R. Section 24.102(c)(2):

(1) the owner is donating the real property interest to the Non-Federal Sponsor and releases the Non-Federal Sponsor in writing from its obligation to appraise the real property interest, and the Non-Federal Sponsor submits to the Government a copy of the owner's written release; or

(2) the Non-Federal Sponsor determines that an appraisal is unnecessary because the valuation problem is uncomplicated and the anticipated value of the real property interest proposed for acquisition is estimated at \$25,000 or less, based on a review of available data. When the Non-Federal Sponsor determines that an appraisal is unnecessary, the Non-Federal Sponsor shall prepare the written waiver valuation required by 49 C.F.R. Section 24.102(c)(2) and submit a copy thereof to the Government for approval. When the anticipated value of the real property interest exceeds \$10,000, up to a maximum of \$25,000, the Non-Federal Sponsor must offer the owner the option of having the Non-Federal Sponsor appraise the real property interest.

d. Incidental Costs. For real property interests acquired from private owners after the effective date of this Agreement, the Government shall include in construction costs and credit towards the Non-Federal Sponsor's share of such costs, incidental costs, documented to the satisfaction of the Government, that the Non-Federal Sponsor incurred for acquiring such real property interests. Incidental costs include closing and title costs, appraisal costs, survey costs, attorney's fees, plat maps, mapping costs, actual amounts expended for

payment of any relocation assistance benefits provided in accordance with Article III.E., and other payments by the Non-Federal Sponsor for items that are generally recognized as compensable, and required to be paid, by applicable state law due to the acquisition of a real property interest pursuant to Article III.

2. Placement Area Improvements. The Government shall include in construction costs and credit towards the Non-Federal Sponsor's share of such costs, the costs of placement area improvements constructed by the Non-Federal Sponsor after the effective date of this Agreement that are required for the Project. The placement area improvement costs, documented to the satisfaction of the Government, include actual costs of constructing the improvements; planning, engineering, and design costs; and supervision and administration costs, but shall not include any costs associated with betterments, as determined by the Government.

3. Relocations. The Government shall include in construction costs and credit towards the Non-Federal Sponsor's share of such costs, the costs of relocations provided by the Non-Federal Sponsor after the effective date of this Agreement that are required for the Project.

a. For a relocation other than a highway, the costs shall be only that portion of relocation costs that the Government determines is necessary to provide a functionally equivalent facility, reduced by depreciation, as applicable, and the salvage value of any removed items.

b. For a relocation of a highway, which is any highway, roadway, or street, including any bridge thereof, that is owned by a public entity, the costs shall be only that portion of relocation costs that would be necessary to accomplish the relocation in accordance with the design standard that the State of Alaska would apply under similar conditions of geography and traffic load, reduced by the salvage value of any removed items.

c. Relocation costs, documented to the satisfaction of the Government, include actual costs of performing the relocation; planning, engineering, and design costs; and supervision and administration costs. Relocation costs do not include any costs associated with betterments, as determined by the Government, nor any additional cost of using new material when suitable used material is available.

4. In-Kind Contributions. The Government shall include in construction costs and credit towards the Non-Federal Sponsor's share of such costs, the costs of in-kind contributions provided by the Non-Federal Sponsor after the effective date of this Agreement that are integral to the Project.

a. The costs, documented to the satisfaction of the Government, that the Non-Federal Sponsor incurred to provide the in-kind contributions, may include engineering and design; construction; and supervision and administration, but shall not include any costs associated with betterments, as determined by the Government. Appropriate documentation includes invoices and certification of specific payments to contractors, suppliers, and the Non-Federal Sponsor's employees.

b. No credit shall be afforded for the following: interest charges, or any adjustment to reflect changes in price levels between the time the in-kind contributions are completed and credit is afforded; in-kind contributions obtained at no cost to the Non-Federal Sponsor; or costs that exceed the Government's estimate of the cost for such in-kind contributions.

5. Compliance with Federal Labor Laws. Any credit afforded under the terms of this Agreement is subject to satisfactory compliance with applicable Federal labor laws covering non-Federal construction, including, but not limited to, 40 U.S.C. 3141-3148 and 40 U.S.C. 3701-3708 (labor standards originally enacted as the Davis-Bacon Act, the Contract Work Hours and Safety Standards Act, and the Copeland Anti-Kickback Act), and credit may be withheld, in whole or in part, as a result of the Non-Federal Sponsor's failure to comply with its obligations under these laws.

D. Notwithstanding any other provision of this Agreement, the Non-Federal Sponsor shall not be entitled to credit or reimbursement for real property interests that were previously provided as an item of local cooperation for another Federal project or real property interests (other than those acquired through relocations) that are owned or controlled by public entities on the effective date of this Agreement.

#### ARTICLE VI - PROVISION OF NON-FEDERAL COST SHARE

A. As of the effective date of this Agreement, \$364,200,00 in DRSA 22 funds are currently available for construction of the Project. Construction costs are projected to be \$494,012,000, with the Government's share of such costs projected to be \$444,610,800 and the Non-Federal Sponsor's share of such costs projected to be \$49,401,200, which includes creditable real property interests, relocations, and placement area improvements projected to be \$3,383,000, creditable in-kind contributions projected to be \$0, and the amount of funds required to meet its cost share projected to be \$46,018,200, of which \$1,235,500 was provided under the Design Agreement. Average annual costs for operation, maintenance, repair, replacement, and rehabilitation of the Project are projected to be \$1,730,000. Costs for betterments are projected to be \$0 and the costs for additional work are projected to be \$0. These amounts are estimates only that are subject to adjustment by the Government and are not to be construed as the total financial responsibilities of the Government and the Non-Federal Sponsor.

B. The Government shall provide the Non-Federal Sponsor with monthly reports setting forth the estimated construction costs and the Government's and Non-Federal Sponsor's estimated shares of such costs; costs incurred by the Government, using both Federal and Non-Federal Sponsor funds, to date; the amount of funds provided by the Non-Federal Sponsor to date; the estimated amount of any creditable real property interests, placement area improvements, and relocations; the estimated amount of any creditable in-kind contributions; the estimated amount of funds required from the Non-Federal Sponsor during the upcoming fiscal year; and, if any required non-Federal funds are financed pursuant to Article II.B.4., the monthly amounts incurred to date and the estimated interest charges applied to each monthly amount.

C. Payment of Funds During Construction. To the extent the Non-Federal Sponsor elects to provide during construction the funds required to meet its 10 percent share of construction costs, or a portion thereof, the following provisions apply:

1. The Non-Federal Sponsor shall provide such funds by delivering a check payable to "FAO, USAED, Alaska (J4)" to the District Commander, or verifying to the satisfaction of the Government that the Non-Federal Sponsor has deposited such required funds in an escrow or other account acceptable to the Government, with interest accruing to the Non-Federal Sponsor, or by providing an Electronic Funds Transfer of such required funds in accordance with procedures established by the Government.

2. The Government shall draw from the funds provided by the Non-Federal Sponsor to cover the non-Federal share of construction costs as those costs are incurred. If the Government determines at any time that additional funds are needed from the Non-Federal Sponsor to cover the Non-Federal Sponsor's required share of such construction costs, the Government shall provide the Non-Federal Sponsor with written notice of the amount of additional funds required. Within 60 calendar days from receipt of such notice, the Non-Federal Sponsor shall provide the Government with the full amount of such additional required funds or elect to defer payment of such funds in accordance with paragraph D. of this Article.

3. Upon completion or termination of construction and resolution of all relevant claims and appeals and eminent domain proceedings, the Government shall conduct a final accounting and furnish the Non-Federal Sponsor with the written results of such final accounting. Should the final accounting determine that additional funds are required from the Non-Federal Sponsor, the Non-Federal Sponsor, within 60 calendar days of receipt of written notice from the Government, shall provide the Government with the full amount of such additional required funds by delivering a check payable to "FAO, USAED, Alaska (J4)" to the District Commander or providing an Electronic Funds Transfer of such funds in accordance with procedures established by the Government, or the Non-Federal Sponsor may finance such payment pursuant to paragraph D. of this Article. Such final accounting does not limit the Non-Federal Sponsor's responsibility to pay its share of construction costs, including contract claims or any other liability that may become known after the final accounting. If the final accounting determines that funds provided by the Non-Federal Sponsor exceed the amount of funds required to meet its share of construction costs, the Government shall refund such excess amount, subject to the availability of DRSAA 22 funds for the refund.

D. Deferred Payment of Funds During Construction. Subject to the availability of DRSAA 22 funds and to the extent the Non-Federal Sponsor elects to finance the funds required to meet its 10 percent share of construction costs in proportion to the Federal expenditures for the Government's share of construction costs, the following provisions apply:

1. The Government will maintain records of monthly Federal expenditures and determine the non-Federal share of such expenditures. Beginning with award of the first construction contract, which is initiation of construction, the Government shall start charging interest on the non-Federal share of each monthly amount of Federal expenditures that is

financed. The Government shall determine the interest rate, based on a 30-year maturity period for the fiscal year in which construction is initiated, in accordance with Section 106 of the WRDA 1986. The first monthly amount of the non-Federal share of Federal expenditures that is financed under this Agreement shall include the non-Federal share of any costs incurred by the Government between the effective date of this Agreement and the initiation of construction, that were not provided pursuant to Article II.B.3. Interest shall be compounded annually on the anniversary of each monthly amount until the date construction is completed or terminated, as applicable. If such anniversary is less than twelve months, the Government shall prorate the interest charges. Following completion or termination of construction, interest shall be calculated in accordance with paragraphs D.2. and D.4. of this Article.

2. Pursuant to Article II.E. or Article VII, the District Commander shall provide written notification to the Non-Federal Sponsor of the date construction was completed or terminated, as applicable. No later than 30 calendar days after the date of the District Commander's written notice, the Government shall complete a final accounting and notify the Non-Federal Sponsor in writing of the principal amount, which includes the portion of the non-Federal cash contributions that has been financed plus interest that has accrued during construction. Further, the Government shall notify the Non-Federal Sponsor of the annual installment amounts for payment of the principal amount amortized over a 30-year maturity period, using the same interest rate that was used to calculate interest during construction with the addition of a 1/8 percent transaction fee to that interest rate as required by Section 106 of the WRDA 1986. Such final accounting does not limit the Non-Federal Sponsor's responsibility to pay its share of construction costs, including contract claims or any other liability that may become known after the final accounting.

3. The Non-Federal Sponsor shall pay the first installment no later than 30 calendar days after the date of the Government's notification of the principal amount and annual installment amounts pursuant to paragraph D.2. of this Article, and each annual installment thereafter on the anniversary date of such notification, by delivering a check payable to "FAO, USAED, Alaska (J4)" to the District Commander or providing an Electronic Funds Transfer in accordance with procedures established by the Government. The Non-Federal Sponsor, in its sole discretion, may prepay the principal amount, in whole or in part, at any time without penalty.

4. Beginning five years after completion or termination of construction, as applicable, and at five-year intervals thereafter, the Government shall recalculate the annual installment amounts by amortizing the outstanding portion of the principal amount over the remaining portion of the payment period. The interest rate for each recalculation is determined in accordance with Section 106 of the WRDA 1986 based on a 30-year maturity period, plus the 1/8 percent transaction fee, for the fiscal year at the time of such recalculation. The Government shall notify the Non-Federal Sponsor in writing of the recalculated annual installment amounts within 15 calendar days of such payments being due. The last installment amount shall be adjusted upward or downward to assure payment of all the indebtedness.

E. If the Government agrees to acquire or perform, as applicable, real property interests, placement area improvements, relocations, additional work, or betterments on the Non-Federal

Sponsor's behalf, the Government shall provide written notice to the Non-Federal Sponsor of the amount of funds required to cover such costs. No later than 60 calendar days of receipt of such written notice, the Non-Federal Sponsor shall make the full amount of such required funds available to the Government by delivering a check payable to "FAO, USAED, Alaska (J4)" to the District Commander or providing an Electronic Funds Transfer of such funds in accordance with procedures established by the Government. If at any time the Government determines that additional funds are required to cover such costs, the Non-Federal Sponsor shall provide those funds within 30 calendar days from receipt of written notice from the Government. If the Government determines that funds provided by the Non-Federal Sponsor exceed the amount that was required for the Government to complete such work, the Government shall refund any remaining unobligated amount.

#### ARTICLE VII - TERMINATION OR SUSPENSION

A. If at any time the Non-Federal Sponsor fails to fulfill its obligations under this Agreement, the Government may suspend or terminate construction of the Project unless the Assistant Secretary of the Army (Civil Works) determines that continuation of such work is in the interest of the United States or is necessary in order to satisfy agreements with other non-Federal interests.

B. If the Government determines at any time that the Federal funds made available for construction of the Project are not sufficient to complete such work, the Government shall so notify the Non-Federal Sponsor in writing within 30 calendar days, and upon exhaustion of such funds, the Government shall suspend construction until there are sufficient funds appropriated by the Congress and funds provided by the Non-Federal Sponsor to allow construction to resume.

C. If HTRW is found to exist in, on, or under any required real property interests, the parties shall follow the procedures set forth in Article IV.

D. In the event of termination, the parties shall conclude their activities relating to construction of the Project. To provide for this eventuality, the Government may reserve a percentage of available funds as a contingency to pay the costs of termination, including any costs of resolution of real property acquisition, resolution of contract claims, and resolution of contract modifications.

E. Any suspension or termination shall not relieve the parties of liability for any obligation incurred. Any delinquent payment owed by the Non-Federal Sponsor pursuant to this Agreement shall be charged interest at a rate, to be determined by the Secretary of the Treasury, equal to 150 per centum of the average bond equivalent rate of the 13 week Treasury bills auctioned immediately prior to the date on which such payment became delinquent, or auctioned immediately prior to the beginning of each additional 3 month period if the period of delinquency exceeds 3 months.

## ARTICLE VIII - HOLD AND SAVE

The Non-Federal Sponsor shall hold and save the Government free from all damages arising from design, construction, operation, maintenance, repair, rehabilitation, and replacement of the Project, except for damages due to the fault or negligence of the Government or its contractors.

## ARTICLE IX - DISPUTE RESOLUTION

As a condition precedent to a party bringing any suit for breach of this Agreement, that party must first notify the other party in writing of the nature of the purported breach and seek in good faith to resolve the dispute through negotiation. If the parties cannot resolve the dispute through negotiation, they may agree to a mutually acceptable method of non-binding alternative dispute resolution with a qualified third party acceptable to the parties. Each party shall pay an equal share of any costs for the services provided by such a third party as such costs are incurred. The existence of a dispute shall not excuse the parties from performance pursuant to this Agreement.

## ARTICLE X - MAINTENANCE OF RECORDS AND AUDITS

A. The parties shall develop procedures for the maintenance by the Non-Federal Sponsor of books, records, documents, or other evidence pertaining to costs and expenses for a minimum of three years after the final accounting. The Non-Federal Sponsor shall assure that such materials are reasonably available for examination, audit, or reproduction by the Government.

B. The Government may conduct, or arrange for the conduct of, audits of the Project. Government audits shall be conducted in accordance with applicable Government cost principles and regulations. The Government's costs of audits shall not be included in construction costs.

C. To the extent permitted under applicable Federal laws and regulations, the Government shall allow the Non-Federal Sponsor to inspect books, records, documents, or other evidence pertaining to costs and expenses maintained by the Government, or at the Non-Federal Sponsor's request, provide to the Non-Federal Sponsor or independent auditors any such information necessary to enable an audit of the Non-Federal Sponsor's activities under this Agreement. The Non-Federal Sponsor shall pay the costs of non-Federal audits without reimbursement or credit by the Government.

## ARTICLE XI - RELATIONSHIP OF PARTIES

In the exercise of their respective rights and obligations under this Agreement, the Government and the Non-Federal Sponsor each act in an independent capacity, and neither is to be considered the officer, agent, or employee of the other. Neither party shall provide, without

the consent of the other party, any contractor with a release that waives or purports to waive any rights a party may have to seek relief or redress against that contractor.

#### ARTICLE XII - NOTICES

A. Any notice, request, demand, or other communication required or permitted to be given under this Agreement shall be deemed to have been duly given if in writing and delivered personally or mailed by registered or certified mail, with return receipt, as follows:

If to the Non-Federal Sponsor:

Mayor  
North Slope Borough, Alaska  
P.O. Box 69  
Utqiagvik, AK 99723

If to the Government:

District Commander  
U.S. Army Corps of Engineers, Alaska District  
P.O. Box 6898  
Joint Base Elmendorf-Richardson, Alaska 99506-6898

B. A party may change the recipient or address to which such communications are to be directed by giving written notice to the other party in the manner provided in this Article.

#### ARTICLE XIII - CONFIDENTIALITY

To the extent permitted by the laws governing each party, the parties agree to maintain the confidentiality of exchanged information when requested to do so by the providing party.

#### ARTICLE XIV - THIRD PARTY RIGHTS, BENEFITS, OR LIABILITIES


Nothing in this Agreement is intended, nor may be construed, to create any rights, confer any benefits, or relieve any liability, of any kind whatsoever in any third person not a party to this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, which shall become effective upon the date it is signed by the District Commander for Alaska District.

DEPARTMENT OF THE ARMY

NORTH SLOPE BOROUGH, ALASKA

BY:

  
Jeffrey S. Palazzini  
Colonel, US Army  
District Commander

BY:

  
Harry Bower Jr.  
Mayor

DATE:

8/18/23

DATE:

8/17/23

CERTIFICATION REGARDING LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

  
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Harry K. Brower, Jr.  
North Slope Borough Mayor

DATE: 8/17/23

REQUESTING ENTITY: Public Works, Roads, Airports & Sanitation

PROJECT NAME: BRW Arctic Research Center Rd

LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	07-251	TYPE:	Upfund
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works R.A.S.	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This project will provide a new road from Cakeeater to the Arctic Research Center, NARL and Federal sites north of Utqiagvik. This provide will also provide an alternate means of access to this sites and Piqniq during coastal storm events.

- This road will provide alternative access around the damaged bridges.
- Design was completed 1/30/2025 and is ready for bidding.
- EDA grant funds are included in this project

Total available funding is currently \$17.378M.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ This project request is for \$14,723,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$

<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)		1/30/2025 Engineers Estimate	\$26,529,579
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$2,652,957
<b>Contingency</b> (if not included in other line items)	Contingency	10%	\$2,918,253
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$32,100,789
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.



If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- This project was phased, and is not recommended for additional phasing.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:



**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project will complete the road extension and provide a road to the BARC, NARL and Piqniq. This road will also provide an alternate route for utilities (electric, natural gas and water & sewer) to serve BARC and NARL.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will expand NSB infrastructure, but it will allow for relocation of traffic and utilities from the beach road and around the damaged bridges.

Indicate if this is a reoccurring upgrade or repair.

- This will be a one time once fully funded.

Detail outside funds being leveraged, if applicable.

REQUESTING ENTITY: Public Works, Roads, Airports & Sanitation

PROJECT NAME: BRW Arctic Research Center Rd

LOCATION: Utqiagvik

- EDA grants are in place now. Previous grants from NPR-A and SAFETEALU have been used.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.



**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



**REQUESTOR INFORMATION**

**Requestor Name and Title:** George Ahmaogak Jr.

**Requestor Signature:**

**Date:**

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**

**Date:**

REQUESTING ENTITY: Public Works, Roads, Airports & Sanitation

PROJECT NAME: BRW Arctic Research Center Rd

LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

**Engineer's Estimate  
BARC Road**

PROJECT: BARC Road Design  
 PROJECT No.: 70380.23  
 DATE: 01/30/25  
 REFERENCE DRAWING(S): NSB Construction Documents  
 BY: Wiley Wilhelm, PE

**Road Construction BOP (STA 65+00) to EOP (140+28)**

No.	ITEM	QTY	HMS	UNITS	MATERIAL		LABOR		TOTAL UNIT	TOTAL
			QTY		RATE	TOTAL	RATE	TOTAL	RATE	
<b>Site Preparation and Earthwork</b>										
Miscellaneous										
1	Site Survey and Staking									By Owner
2	Erosion control	554,019	468,495	SF	0.04	22,161	0.07	38,781	0.11	60,942
3	SWPPP implementation and maintenance	3.0	3.0	MOS	250	750	1500	4,500	1,750	5,250
Site Preparation										
4	Type B road fill	81,542	81,612	CY	106.48	8,682,586	10	815,419	116.48	9,498,005
5	Aggregate for surface course	4,935	5,643	CY	106.48	525,481	10	49,350	116.48	574,831
6	Aggregate for Phase I surface course refresh	1,503	N/A	CY	106.48	159,990	10	15,025	116.48	175,015
7	Topsoil	2,561	1,672	CY	400	1,024,395	10	25,610	410.00	1,050,004
8	2" rigid insulation	637,406	347,576	SF	5.8	3,696,954	1.2	764,887	7.00	4,461,841
Earthwork										
9	Excavation	708	N/A	CY	0	0	250	177,000	250.00	177,000
10	Geotextile fabric	92,085	52,055	SY	2.6	239,421	1	92,085	3.60	331,507
11	Finish grade site pads and roads	554,019	468,495	SF	0	0	0.33	184,673	0.33	184,673
12	Site Preparation and Earthwork Subtotals					14,351,738		2,167,331		16,519,069
13	Labor Premium Time							361,944		
14	<b>Site Preparation and Earthwork Totals</b>					<b>14,351,738</b>		<b>2,529,276</b>		<b>16,881,014</b>
<b>Site Improvements</b>										
Signs										
15	24"x30" road sign on post	4	4	EA		0		0	2,250.00	9,000

**Engineer's Estimate  
BARC Road**

No.	ITEM	QTY	HMS	UNITS	MATERIAL		LABOR		TOTAL UNIT	TOTAL
			QTY		RATE	TOTAL	RATE	TOTAL	RATE	
16	30"x30" road sign on post	7	7	EA	0		0		2,812.50	19,688
17	30"x8" road sign on post	2	2	EA	0		0		750.00	1,500
18	48"x8" road sign on post	2	2	EA	0		0		1,200.00	2,400
Guardrail										
19	MASH "F" Shape Concrete Barrier	75	75	LF	550	41,250	12.8	960	562.80	42,210
20	Modified MASH "F" Shape Concrete Barrier	50	50	LF	550	27,500	12.8	640	562.80	28,140
21	Galvanized Nested W Beam Guardrail bolted to posts	2,236	2,507	LF	180	402,480	10	22,360	190.00	424,840
22	14' W6x9 Galvanized Steel Guardrail Post	5,040	5,040	LBS	7.9	39,816	2	10,080	9.90	49,896
23	6"x8"x14' Pressure-Treated Wood Post, augured 10' deep, 6'3" on center	344	391	EA	87.5	30,100	42	14,448	129.50	44,548
24	Guardrail End terminal	4	N/A	EA	8000	32,000	500	2,000	8,500.00	34,000
25	Thrie Beam Terminal Connector	4	N/A	EA	195	780	150	600	345.00	1,380
26	Thrie Beam Steel Blockouts	59	65	LF	46.73	2,740	37	2,170	83.73	4,910
27	Galvanized Bolts	1	1	LOT	1000	1,000	1500	1,500	2,500.00	2,500
28	6"x8"x14" Wood Blockout	348	782	EA	20	6,960	17.5	6,090	37.50	13,050
29	Site Improvements Contractor Subtotals					584,626		60,848		645,474
30	Labor Premium Time	16.7%						10,162		
31	<b>Site Improvements Totals</b>					<b>584,626</b>		<b>71,009</b>		<b>655,635</b>
Storm Drainage (Assumed Subcontractor)										
32	24" diameter CMP culverts (HMS: CPEP)	770	644	LF	300	231,000	50	38,500	350.00	269,500
33	24" diameter flared end	20	18	EA	2000	40,000	200	4,000	2,200.00	44,000
34	Culvert marker post	20	18	EA	500	10,000	50	1,000	550.00	11,000
35	Sand bed	114	86	CY	160	18,252	10	1,141	170.00	19,393
36	6" rigid insulation	6,160	3,864	SF	17.4	107,184	3.6	22,176	21.00	129,360
37	Class 1 Riprap	36	36	CY	477	17,172	65	2,340	542.00	19,512
38	Storm Drainage Subtotals					406,436		66,817		473,253
39	Labor Premium Time	16.7%						11,158		
40	Storm Drainage Subtotals					406,436		77,975		484,411

**Engineer's Estimate  
BARC Road**

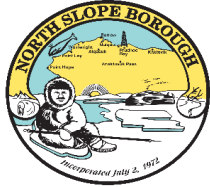
No.	ITEM	QTY	HMS	UNITS	MATERIAL		LABOR		TOTAL UNIT	TOTAL
			QTY		RATE	TOTAL	RATE	TOTAL	RATE	
41	Subcontractor's Overhead and Profit on Material and Labor	35.0%				142,253		27,291		
42	<b>Storm Drainage Totals</b>					<b>548,688</b>		<b>105,266</b>		<b>653,955</b>
Operation Costs										
43	Mobilize (set-up)	1	1	LOT	5,000	5,000	20,000	20,000	25,000.00	25,000
44	Demobilization (move off)	1	1	LOT	2,500	2,500	10,000	10,000	12,500.00	12,500
45	Miscellaneous air freight and handling	500	500	LBS	1.75	875	0.25	125	2.00	1,000
46	Barge freight	20	20	TONS	800	16,000	250	5,000	1,050	21,000
47	Project manager (part time)	60	60	HRS		0	115	6,900	115	6,900
48	Supervision	4	4	MOS	200	800	14,000	56,000	14,200	56,800
49	Inspection/quality control	3.0	3.0	MOS						By Supervisor
50	Permits	1	1	LOT						By Owner
51	Miscellaneous material testing	1	1	LOT						By Owner
52	Scheduling/estimating (part time)	3.0	3.0	MOS	125	375	2,000	6,000	2,125	6,375
53	Clerical/time keeper (minimal)	3.0	3.0	MOS	100	300	1,000	3,000	1,100	3,300
54	Construction equipment	4	4	MOS	15,000	60,000	2,000	8,000	17,000	68,000
55	Tools, safety equipment, etc.	3.0	3.0	MOS	1,000	3,000	100	300	1,100	3,300
56	Small field office and consumables	3.0	3.0	MOS	1,250	3,750	250	750	1,500	4,500
57	Small connex material storage units (2)	3.0	3.0	MOS	800	2,400		0	800	2,400
58	Fuel oil, grease, etc.	3.0	3.0	MOS	65,000	195,000	5,500	16,500	70,500	211,500
59	Porta can and maintenance	3.0	3.0	MOS	350	1,050	150	450	500	1,500
60	Air travel costs and per diem									Local Contractor Assumed
61	<b>Operations Totals</b>					<b>291,050</b>		<b>133,025</b>		<b>424,075</b>
62	Project Subtotals					15,776,102		2,838,576		18,614,679
63	Estimator's Contingency	5.0%								930,734
64	Subtotal									19,545,413
65	Home Office	3.5%								684,089
66	Subtotal									20,229,502
67	Profit and Overhead	20%								4,045,900
68	Subtotal									24,275,403

**Engineer's Estimate  
BARC Road**

No.	ITEM	QTY	HMS	UNITS	MATERIAL		LABOR		TOTAL UNIT	TOTAL
			QTY		RATE	TOTAL	RATE	TOTAL	RATE	
69	Bonds	0.55%								133,515
70	Subtotal									24,408,918
71	Insurances	0.85%								207,476
72	Subtotal									24,616,393
73	Unique Market Risk	5%								1,230,820
74	Subtotal									25,847,213
75	Escalation Contingency	2.64%								682,366
<b>Construction Total:</b>										<b>26,529,579</b>

Notes:

Estimate based on larger project estimate conducted by HMS, Inc., on January 31, 2023. Quantities have been updated to reflect project scope. Swell factor of approximately 20% has been added to gravel quantity to account for differences in hauled vs in place quantities.



**North Slope  
Borough  
Six-Year  
Capital Plan**

	2025	2026	2027	2028	2029	2030
New GO Bond	\$200,000,000	\$414,437,832	\$254,356,000	\$166,740,000	\$65,940,000	\$64,940,000
Other (grants, private)		\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
<b>Total Program</b>	<b>\$200,000,000</b>	<b>\$429,437,832</b>	<b>\$274,356,000</b>	<b>\$186,740,000</b>	<b>\$85,940,000</b>	<b>\$84,940,000</b>
Expansion	\$61,607,000	\$171,356,222	\$94,635,000	\$57,390,000	\$9,390,000	\$23,390,000
Upgrades	\$138,393,000	\$258,081,610	\$179,721,000	\$129,350,000	\$76,550,000	\$61,550,000

Project #	Project Description	2025	2026	2027	2028	2029	2030
<b>SECTION 09 - WATER FACILITIES</b>		<b>\$41,240,000</b>	<b>\$96,082,500</b>	<b>\$87,900,000</b>	<b>\$77,200,000</b>	<b>\$37,700,000</b>	<b>\$22,200,000</b>
	<i>Expansion of existing programs listed below</i>	\$5,722,000	\$12,924,500	\$10,900,000	\$5,000,000	\$500,000	\$0
	<i>Upgrades to existing programs listed below</i>	\$35,518,000	\$83,158,000	\$77,000,000	\$72,200,000	\$37,200,000	\$22,200,000
59-137	ATQ WS Connections	Closed					
59-138	NUI W&S Connection - PH.2	Closed					
59-142	NEW RESI W&S CONNECTION	\$4,099,000	\$5,000,000		\$5,000,000		
59-145	AIN WATER TREATMENT PLANT UPG		\$5,000,000				
59-148	AKP W/S CONNECTIONS PH I				Closing		
59-149	AW WATER STORAGE TANK UPGDS	\$7,800,000	\$10,000,000	\$8,000,000	\$7,000,000		
59-150	AW WATER PLANT SCADA SYSTEM	Closing					
59-151	P.LAY W/S UPGRADE PH.1		\$30,000,000	\$30,000,000	\$30,000,000		
59-152	BUS SERVICE CONNCTN UPGRADE		\$2,558,000		\$2,000,000		
59-153	BUS SCADA SYSTEM DESIGN						
59-154	AW RESIDENTIAL WATER TANKS	\$1,100,000		\$500,000		\$500,000	
59-155	AREAWIDE WATER SYSTEM UPDATE	\$10,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000
59-156	AKP WATER WELL			Closing			
59-157	AW PUMPS VFD'S	Closing					
59-158	PIZ DRINKING WATER SOURCE DEV						
59-159	AW SECONDARY WATER SOURCE		\$6,700,000	\$10,400,000			
59-160	W&S FACILITY HVAC & DIGITAL CO	\$1,400,000	\$1,500,000	\$1,500,000			
59-161	AW WTP PROCESS UPGRADES	\$1,870,000	\$1,500,000	\$1,500,000	\$1,200,000	\$1,200,000	\$1,200,000
59-162	Areawide Water and Sewer Connections						
59-163	AIN W&S Blair Street Mains Upgrades		\$200,000				
59-164	AW AMI Remote Water Service Metering	\$523,000	\$1,224,500				
59-New 1	AIN W&S System Major Upgrade				\$15,000,000		
59-New 2	NUI AG W&S Conections		\$3,000,000	\$15,000,000			
59-165	UTQ AG W&S Upgrades	\$14,448,000	\$10,000,000	\$15,000,000	\$5,000,000	\$15,000,000	
59-New 4	AKP AG W&S Upgrades		\$13,400,000				
59-New 5	ATQ AG W&S Conections				\$6,000,000	\$15,000,000	\$15,000,000

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 59-142

CIP PROJECT TITLE: New BRW Residential W&S Connections

THIS IS A: \_\_\_\_\_ NEW PROJECT  
 \_\_\_\_\_ **XXX** PROJECT SCOPE MODIFICATION  
 \_\_\_\_\_ **XXX** BUDGETARY GUIDELINE REVISION  
 \_\_\_\_\_ SCHEDULE (or) STATUS REVISION  
 \_\_\_\_\_ CLOSE COMPLETED PROJECT

	G.O. BONDS	CAPITAL RESERVE – LOI	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$7,514,000		
<b>BUDGET INCREASE</b>	<b>\$4,099,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$ 11,613,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$11,613,000</b>		

**SOURCE DESCRIPTION: \$4,099,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project will provide for the construction of new water and sewer connections Barrow Utilidor System (BUS), all within the existing BUS service area. No new mainlines are required for these connections. This work will consist of below and above ground connections. 2021-10 funding is intended to provide 5 service connections in Barrow. 2023-10 funding is intended for 10 additional hookups. **2025-10 funding is intended to cover construction, design and administrative costs for new underground water and sewer connections to the BUS.**

**JUSTIFICATION:** This project will address the continuing need and resident requests for water and sewer connections to the BUS distribution system. The NSB provides a safe and effective means to distribute and collect water and wastewater to and from homes and facilities within the existing BUS mainline service area. New development and improvements are ongoing in Barrow creating the need for continued additional connections. Upfunding this project is necessary in order to provide basic water and sewer service to new applicants and decrease dependence on hauled water and sewer and to eliminate honeybucket usage.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 59-149

CIP PROJECT TITLE: AW Water Storage Tank Upgrades

THIS IS A: \_\_\_\_\_ TITLE CHANGE

XXX PROJECT SCOPE MODIFICATION

XXX BUDGETARY GUIDELINE REVISION

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	G.O. BONDS	CAPITAL RESERVE-L.O.I.	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$34,879,000		\$2,297,000
<b>BUDGET INCREASE</b>	<b>\$7,800,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$42,679,000		\$2,297,000
<b>TOTAL PROJECT AMOUNT</b>	<b>\$44,976,000</b>		

**SOURCE DESCRIPTION: \$7,800,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project upgrades water tanks in all communities as-needed to extend their useful life. 2021-10 funding is intended to upgrade water tanks in Point Lay and Point Hope. 2023-10 funding is intended to continue work in Point Hope. 2024-10 Funding is intended for work in Atqasuk. **2025-10 funding is intended for upgrades to water storage tanks; Tank 3 and 4 in Point Hope, T-2 North Tank in Atqasuk and Tank 3 in Wainwright.**

**JUSTIFICATION:** Currently, water storage tank linings, and cathodic protection systems are several years past their useful life now. **Upgrading** them is necessary to avoid the danger of water contamination and will extend the useful life of the storage tanks. **This project will increase the service life of the existing NSB water storage assets. The existing tanks in Point Hope and Atqasuk are documented as having thin floor plate, which puts the water supply as risk of loss. In Wainwright, there bottom plate requiring upgrades. All tank coatings are also failing and need replacement to extend the service life of the tanks.**

NSB Project Review Committee -4/6/12, 4/19/13, 4/11/14, 10/15/14, 7/10/15, 4/5/16, 8/4/16, 3/31/17, 4/5/19, 9/4/19, 4/3/20, 4/2/21, 3/11/22, 4/1/22, 3/31/23, 3/29/24, 3/27/25  
 NSB Planning Commission -4/26/12, 5/28/13, 1/30/14, 5/29/14, 7/31/14, 10/30/14, 7/30/15, 5/26/16, 8/25/16, 4/27/17, 9/28/17, 11/16/17, 4/25/19, 9/26/19, 4/30/20, 4/29/21, 3/31/22, 4/28/22, 4/25/24, 4/24/25  
 NSB Assembly -6/4/12, 6/04/13, 3/04/14, 6/11/14, 8/05/14, 11/6/14, 8/04/15, 6/10/16, 9/13/16, 6/8/17, 10/10/17, 12/5/17, 6/12/19, 10/8/19, 6/9/20, 6/15/21, 6/14/22, 6/6/24

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 59-154

CIP PROJECT TITLE: AW Institutional, Commercial and Residential Water Holding Tanks

THIS IS A : \_\_\_\_\_ TITLE CHANGE  
                   XXX                  **PROJECT SCOPE MODIFICATION**  
                   XXX                  **BUDGETARY GUIDELINE REVISION**  
                   \_\_\_\_\_ SCHEDULE (or) STATUS REVISION  
                   \_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPTIAL RESERVE - LOI</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$508,000		
BUDGET INCREASE	<b>\$1,100,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$ 1,608,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$1,608,000</b>		

**SOURCE DESCRIPTION: \$1,100,000 in new G.O. Bond funds is requested.**

**PROJECT DESCRIPTION:** This project provides water holding tanks, plumbing, and structure for services where homes are removed from the piped water distribution is ~~not available~~ system. Sponsoring department will prioritize the communities who are slated next for new water holding tanks. This project will procure tanks suitable for institutional, commercial, or residential installations areawide. **2025-10 funding is for 20 additional residential water tanks to be installed areawide. 2 for Anaktuvuk Pass, 3 for Atqasuk, 2 for Kaktovik, 2 for Nuiqsut, 2 for Point Hope, 4 for Point Lay, 3 for Wainwright and 2 for Utqiagvik.**

**JUSTIFICATION:** The failing water mains and laterals in communities pose a health threat. Limited access to reliable drinking water increases **health** risk. Repair of the buried lines is becoming cost prohibitive, and providing water holding tanks at each home is less expensive method to provide basic services.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 59-155

CIP PROJECT TITLE: AW Water Systems Upgrades

THIS IS A : \_\_\_\_\_ NEW PROJECT

XXX \_\_\_\_\_ **PROJECT SCOPE MODIFICATION**

XXX \_\_\_\_\_ **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ JUSTIFICATION MODIFICATION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVES-L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$25,417,000		
<b>BUDGET INCREASE</b>	<b>\$7,800,000</b>	<b>\$2,200,000</b>	
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$3,217,000	\$2,200,000	
<b>TOTAL PROJECT AMOUNT</b>	<b>\$35,417,000</b>		

**SOURCE DESCRIPTION:** \$ 10,000,000 in new G.O. bond funds are being requested; \$2,200,000 is being requested through L.O.I.

**PROJECT DESCRIPTION:** This project addresses needs and unanticipated major upgrades of area wide water systems as they arise by implementing upgrades that extend the useful life of systems. 2024-10 Funding is intended for additional funding for areawide upgrades as needed as requested. **2025-10 funding is intended to upgrade pipe, installation of trench plugs and insulation, the purchase of gravel, and the replacement of system components.**

**JUSTIFICATION:** This project allows the NSB to immediately address major upgrades of area wide water systems as unanticipated problems are detected. This is a life, health and safety issue.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 59-160

CIP PROJECT TITLE: W&S Facilities-HVAC & Digital Control Upgrades

THIS IS A : \_\_\_\_\_ New Project

XXX **PROJECT SCOPE MODIFICATION**

XXX **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE - LOI</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$1,367,000		
BUDGET INCREASE	<b>\$1,400,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	<b>\$ 2,767,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$2,767,000</b>		

**SOURCE DESCRIPTION: \$1,400,000 in new G.O. Bond funds are being requested.**

**PROJECT DESCRIPTION:** This project will provide an upgrade of NSB HVAC systems including, HVAC controls mechanical equipment, and installation of a modern digital control system. This includes demolition of obsolete devices and equipment; installation of new digital control and supplementary equipment to provide standardization in the Waste Water Treatment & Water Treatment Plants area wide as prioritized by NSB Public Works. 2023-10 funding is intended to do work in NUI and AIN. **2025-10 funding is intended for Atqasuk WWTP.**

**JUSTIFICATION:** HVAC upgrades improve building ventilation and heating as it was originally designed. Corrosive gases are exhausted and fresh air is introduced working with processes treatment controls for a safer treatment facility work environment. Digital remote monitoring allows for quick response time with heating failure preventing costly building freeze ups.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 59-161

CIP PROJECT TITLE: AW WTP Process Upgrades

THIS IS A : \_\_\_\_\_ NEW PROJECT  
                   XXX                   **PROJECT SCOPE MODIFICATION**  
                   XXX                   **BUDGETARY GUIDELINE REVISION**  
                   \_\_\_\_\_ SCHEDULE (or) STATUS REVISION  
                   \_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE - LOI</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$1,363,000		
<b>BUDGET INCREASE</b>	<b>\$1,870,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$ 3,233,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$3,233,000</b>		

**SOURCE DESCRIPTION: \$1,870,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project is intended to upgrade processes at the water treatment plants in all seven villages. Upgrades include: installing mixers in the water storage reservoirs, re-configuring Point Hope's reservoir heating system, and installing a by-pass at all heat exchangers. Project will also upgrade end of life and failing programmable logic controllers, human-machine interfaces, auto dialer/alarming and supplemental components areawide. 2021-10 is for upgrades in Point Hope. 2023-10 funding is intended for work in ATQ and PIZ. **2025-10 funding is intended for Phase 3 for Atqasuk and Nuiqsut.**

**JUSTIFICATION:** Mixers will improve heating efficiencies in the water reservoirs, help keep chlorine levels evenly distributed and improve removal of deleterious contaminants. Piping re-configuration will Controls will ensure water treatment and distribution operations continue to function uninterrupted. Install a bypass to the heat exchangers to allow work on the equipment without shutting down the distribution loops.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 59-164

CIP PROJECT TITLE: AW AMI Remote Water Service Metering

THIS IS A : \_\_\_\_\_ NEW PROJECT  
                   XXX \_\_\_\_\_ **PROJECT SCOPE MODIFICATION**  
                   XXX \_\_\_\_\_ **BUDGETARY GUIDELINE REVISION**  
                   \_\_\_\_\_ SCHEDULE (or) STATUS REVISION  
                   \_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVES–L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$831,000		
<b>BUDGET INCREASE</b>	<b>\$523,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$ 1,354,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$1,354,000</b>		

**SOURCE DESCRIPTION:** \$ 523,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** This project funds the installation of the Advance Metering Infrastructure (AMI) including remote water service meter reading and report in all communities. 2023-10 funding is intended to begin work in Point Hope. 2024-10 Funding is intended for Nuiqsut. **2025-10 funding is intended for Wainwright.**

**JUSTIFICATION:** The AMI system would allow for detection of internal water leaks at residences within minutes reducing annual water loss and structure damages. The system provides notification and alarms for services and will also simplify meter data collection for A&F billings.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 59-165

**CIP PROJECT TITLE:** UTQ AG W&S Upgrades

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$14,448,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$14,448,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$14,448,000</b>		

**SOURCE DESCRIPTION:** \$14,448,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is intended to develop the above grade water and sewer system in Utqiagvik. It will provide water and sewer mains and services for those services in the area of Pump Station, 7, 8 and 9.

**JUSTIFICATION:** This project would add new aboveground mainlines and services to the distribution and collection systems. This would expand the existing system aboveground to provide stable infrastructure and out of the permafrost. Existing buried infrastructure is expensive to maintain, so this project will reduce future O&M costs for the water and sewer utility.

REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: BUS New W/S Service Connections  
 LOCATION: Utqiagvik

<b><i>NSB PLANNING DEPARTMENT USE ONLY</i></b>			
TEMPORARY/CIP PROJECT NO.:	59142	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$35,251,306
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$4,099,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 This is an up-funding request to cover construction, design, and administrative costs for new underground water and sewer connections to the Barrow Utilidor System. Currently, there are 86 applications submitted for new water and sewer service connections. This Project Request is to complete the next 10 residences that are ready for connections.

5 services were funded by PRC 2021.  
 10 services were funded by PRC 2023

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - Project request is for 10 services at \$4,099,000.

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$

<b>Professional Services</b> (design, legal, other)	A&E Design Services @10%		\$271,008
<b>Construction/Acquisition</b> (anticipated costs)	Construction		\$2,710,075
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$298,108
<b>Contingency</b> (if not included in other line items)	25% Contingency		\$819,798
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$4,098,989</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$35,251,306</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ This project is a continuation of the 59142 Barrow New W&S Service Connections project.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ CIP Project Number: 59-142.

➤ \$4,099,000 is needed to install 10 connections. To install the remaining 61 connections, a total of \$27,652,317 will be needed.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ Upfunding this project is necessary in order to provide basic water and sewer service to new applicants and decrease dependence on hauled water and sewer and to eliminate honeybucket usage.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤ This will expand facilities and meet the Borough's mission to increase the availability of clean water and sanitary sewer disposal to residents.

Indicate if this is a reoccurring upgrade or repair.

- This is a recurring upfund request until all homes are connected.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Access to potable water is documented as having a positive effect on human health. Similarly, removing wastewater from dwellings is documented as having positive effects. Further, eliminating the potential for wastewater backups will also improve public health.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Considerable effort and resources are needed to maintain truck haul to services that are on holding tanks and honeybuckets.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: BUS New W/S Service Connections  
LOCATION: Utqiagvik

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner  
Date: 2025.02.24 15:15:15 -09'00'

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: AW Water Storage Tank Upgrades

LOCATION: Areawide

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	59149	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$13,686,225
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$7,800,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This request is for upgrades to water storage tanks T-2 North Tank in Atqasuk and Tank 3 in Wainwright.

Atqasuk North tank has thin floor plates that exceed allowable steel plate thickness and require replacement or lining as performed in Wainwright. Thin floor plates are due to corrosion that continues. Without upgrades, the floor plates will develop pinholes and drain the potable water in the tank as discovered in this tank in the spring of 2023. The tank coatings are past the service life. Patches of coating is peeling off the tank and floor. The coating will need to be replaced along with the floor work. Tank to be upgraded with heated vents and vacuum pressure sensors.

Wainwright Tank 3 inspection in 2022 found many areas on the tank bottom requiring repair due to soil-side corrosion and topside pitting. In total, 89 areas were identified needing attention and repair including a sizable hole 1/2" in diameter. Without upgrades, the bottom plates will continue to corrode. Upgrades are needed to further increase the tank service period. Coating failures were also observed on the column footers and in large areas on the bottom plate.

Tank inspection reports are attached.

**2. DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

Request for Atqasuk North Tank \$7,040,000

Request for Wainwright Tank 3 \$6,647,000.

Total request \$13,687,000

**3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Design/construction administration services	5%	\$630,000
<b>Construction/Acquisition</b> (anticipated costs)	Construction Costs - Engineer's Estimate		\$10,500,000
<b>Administration</b> (NSB project management)	CIPM Admin @10% Total		\$1,113,000
<b>Contingency</b> (if not included in other line items)	Contingency 15%		\$1,443,225
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$13,686,225
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ N/A.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ This is an ongoing AW project, with tank recommendations advancing as needs are determined.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ Similar project upfunds are anticipated to upgrade the remaining NSB water storage tanks.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ Recent inspections on the Atqasuk North tank determined that the floor plate is thin and recommended removed from service until upgraded.

- Inspections indicate upgrades are needed for the Wainwright Tank 3 to increase the tank service period.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project will increase the service life of the existing NSB water storage assets. The existing tank in Atqasuk is documented as having thin floor plate, which puts the water supply at risk of loss. In Wainwright, there are 89 areas identified on the bottom plate requiring repair. Both tank coatings are also failing and need replacement.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will decrease the NSB operating costs by reducing the level of inspection and maintenance required on the tank.

Indicate if this is a reoccurring upgrade or repair.

- This project is proposed as phased and expected to be recurring to upgrade all water storage tanks in service.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Tank assessment by Mistras describe critical need.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Tank inspection consultants have reviewed these water storage tanks and determined that failure to repair components of the system will lead to greater damage to NSB assets if left unaddressed.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: AW Water Storage Tank Upgrades  
LOCATION: Areawide

10. **ATTACHMENTS:** List any supplemental information submitted with this request.

- Reports -
- ATQ Above Ground Storage Tank Inspection Report - North Tank - May 2023
- AIN Above Ground Storage Tank Inspection Report - Tank 3 - June 2022

11. **ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner  
Date: 2025.02.24 15:15:46 -09'00'

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

•

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

•

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Residential Water Tanks

LOCATION: Areawide

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	59154	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$2,195,424
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$1,100,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
This upfund request is for 20 additional residential water tanks to be installed areawide. These tanks will be installed for services that are located in areas where connections to the water mains are not possible, for services that do not need water services year round, or for services that have continued water service failures due to leaks and failures and the need to switch to a water tank is immediate.

The break down of tanks per village is below.

AKP: 2 ATQ: 3 KAK: 2 NUI: 2 PHO: 2 PIZ: 4 AIN: 3 UTQ: 2

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.  
This is an upfund request for 20 additional Residential Water Tanks at \$2,196,000.

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
------	-------------	--	------

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Residential Water Tanks

LOCATION: Areawide

<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Engineering support, 8%		\$134,400
<b>Construction/Acquisition</b> (anticipated costs)	Construction		\$1,680,000
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$181,440
<b>Contingency</b> (if not included in other line items)	10% Contingency		\$199,584
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$2,195,424
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ This project is a continuation of the 59-154 Areawide Residential Water Tank project

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ AKP: \$219,542 ATQ: \$329,315 KAK: \$219,542 NUI: \$219,542 PHO: \$219,542 PIZ: \$439,086  
AIN: \$329,315 UTQ: \$219,542

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ CIP Project Number: 59-155 at \$2,196,000

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ Installation of these tanks is a result of fail infrastructure and will continue to provide service to residents.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ This project upfund will fund the installation of water tanks for services that are located in areas where connections to the water mains are not possible, for services that do not need water services year round, or for services that have continued water service failures due to leaks and failures and the need to switch to a water tank is immediate.

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Residential Water Tanks

LOCATION: Areawide

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤

Indicate if this is a reoccurring upgrade or repair.

➤ This is a recurring upfund request.

Detail outside funds being leveraged, if applicable.

➤

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ This project is a result of the permafrost subsidences that are directly compromising the utility infrastructure. Without this project, the water service to residents will be jeopardized and potentially affect the community water supply.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ The project covers proactive upgrades and improvements that impact the public utility's ability to provide services. Without the upfund, the NSB would incur greater costs in labor, equipment, and energy resources. Proactively implementing upgrades to the system will significantly reduce the costs spent on emergency repairs in the future.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Residential Water Tanks  
LOCATION: Areawide

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

<b>Requestor Signature:</b> 	<b>Date:</b> 2/20/2025
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**Department Director Name:** Scott K. Danner, Public Works Director

<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:13:59 -09'00'	<b>Date:</b>
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**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: Areawide Water Systems Update  
 LOCATION: Areawide

<i>NSB PLANNING DEPARTMENT USE ONLY</i>			
TEMPORARY/CIP PROJECT NO.:	59155	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$10,000,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$10,000,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 This is an up-fund request for the Areawide Water System Update Project. The funds are requested to implement proactive upgrades and improvements, and upgrades required to correct system failures. An estimate of the expenditure per village is included under item 2 of this request.

This project funds the replacement of pipe, installation of trench plugs and insulation, the purchase of gravel, and the replacement of system components.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.  
 \$10,010,000 is anticipated to be used this funding cycle.  
 Breakdown per village is budgeted as follows, based on each system's size and complexity:  
 AKP: \$1,440,000 ATQ: \$730,000 KAK: \$1,440,000 NUI: \$1,730,000 PHO: \$860,000 PIZ: \$1,640,000 AIN:  
 \$2,160,000

**3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Engineering support, 10%		\$827,000
<b>Construction/Acquisition</b> (anticipated costs)	System Upgrades		\$8,270,000
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$909,700
<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$10,000,000</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ CIP Project Number: 59-155

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ AKP: \$1,440,000 ATQ: \$730,000 KAK: \$1,440,000 NUI: \$1,730,000 PHO: \$860,000

➤ PIZ: \$1,640,000 AIN: \$2,160,000

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ This project cannot be phased.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ This project funds upgrades to components experiencing unexpected failure and which are not on the Repair and Replacement Schedule.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Water is treated in summer months and stored for winter use, and water loss threatens the domestic and fire water supply. Below-ground leaks indicate significant changes that have taken place in the buried utility system. Failure to repair leaks destabilizes the supporting permafrost, further compromising the water system. Service interruptions impact the availability of potable water for basic human health and sanitation, as well as fire water protection to the community. Proactive upgrades and improvements to the system will create more stable and reliable water utilities in the villages, reducing the need for emergency repairs.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.



Indicate if this is a reoccurring upgrade or repair.

- This is a recurring upfund request.

Detail outside funds being leveraged, if applicable.



**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- The project covers proactive upgrades and improvements that impact the public utility's ability to provide services. Without the upfund, the NSB would incur greater costs in labor, equipment, and energy resources. Proactively implementing upgrades to the system will significantly reduce the costs spent on emergency repairs in the future.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.



**10. ATTACHMENTS:** List any supplemental information submitted with this request.



REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Water Systems Update  
LOCATION: Areawide

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION	
<b>Requestor Name and Title:</b> L. Eben Brower, Water & Sewer System Manager	
<b>Requestor Signature:</b> 	<b>Date:</b> 2/20/2025
<b>Department Director Name:</b> Scott K. Danner, Public Works Director	
<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:11:55 -09'00' <b>Date:</b>

<u>NSB PLANNING DEPARTMENT USE ONLY</u>
<b>Summary of PRC and Planning Commission discussion and recommendation:</b> <ul style="list-style-type: none"><li>•</li></ul>
<b>Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):</b> <ul style="list-style-type: none"><li>•</li></ul>

REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: W&S FACILITIES - HVAC & DIGITAL CONTROL UPGRADES  
 LOCATION: ATQ, KAK, NUI, AIN, PHO, & PIZ

<i>NSB PLANNING DEPARTMENT USE ONLY</i>			
TEMPORARY/CIP PROJECT NO.:	59160	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$4,157,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$1,400,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

**1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

Upgrading the Heating Ventilation Systems in the Water Treatment & WasteWater Treatment Plants. These systems are in disrepair causing facilities to inefficiently heat and ventilate these buildings. In order for the processing components to work correctly as designed, the HVAC system must be operational. This project will provide an upgrade of HVAC controls mechanical equipment, and installation of a modern digital control system. This upgrade will include demolition of obsolete devices and equipment; installation of new digital controllers, control panels, temperature sensors, HVAC relays, power supplies, new damper actuators, new heating valves. Digital controllers will be installed to maintain and control air handling units, fan coil unit, boilers and pumps, generator cooling dampers, and baseboard zones. Additionally, this project will provide installation of new control valves, repair of glycol leaks, and overall performance conformity of the building's HVAC equipment. After the new equipment and HVAC controls are installed and commissioned, this project will install and program a new HVAC digital web server to allow local maintenance personnel the ability to control and manage the HVAC system, and provide end user training on the operations of the system and software. Additionally, this new system will be integrated to the NSB HVAC network for continued remote monitoring locally within the villages' building operators and from Barrow Facility Maintenance Operations. At the end of the project, operation and maintenance manuals and as-built control system drawings will be delivered to the Borough.

PRC 2019 funded \$467,000. Reprioritized sites for most problematic to control/operate/maintain. Phase 1 (funded) scope KAK WWTP and PIZ WWTP. Phase 2 (funded) is NUI WWTP. Phase 3 is ATQ WWTP, NUI WTP and PHO WWTP. 3 additional phases until all facilities are upgraded.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ This request for ATQ WWTP, NUI WTP, PHO WWTP: \$4,157,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)	Construction	Based on existing quotes	\$3,149,300
<b>Administration</b> (NSB project management)	NSB Admin 10%		\$314,900
<b>Contingency</b> (if not included in other line items)	Contingency 10%		\$692,800
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$4,157,000
<b>TOTAL PROJECT COST (if different)</b>			\$

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ This request is for Phase 3 of a 6 phased project.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ Phase 1 (2019 - 2 facilities) \$467,000, Phase 2 (1 NUI WWTP) \$900,000, Phase 3 (3 facilities) \$4,157,000, Phase 4 (4 facilities) \$5,986,000, Phase 5 (4 facilities) \$6,465,000, Phase 6 (2 facilities) \$3,491,000.

6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ This project will result in significantly improved reliability of the water systems, reduce emergency repair costs, and eliminate emergency water haul costs.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- The age of the HVAC is in need of upgrade. Unit heaters are failed. Boilers and air handlers are at the end of their lifespan and require major in place upgrades. Control equipment for the above is failed and bypassed to maintain operations. The operation of the Air Handlers is also a safety requirement for positive air flow in the chemical rooms.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Controlled heating and ventilation will improve heating efficiencies of the buildings. Remote monitoring will ensure HVAC is working as designed.

Indicate if this is a reoccurring upgrade or repair.

- This is an upgrade that will not reoccur until the life of the equipment is reached.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Non-controlled exhausting of sewage is very corrosive as shown in the existing building with prolonged exposure. Operational ventilation will exhaust such corrosive gases. HVAC systems have also been found out of balance creating hazardous atmospheres for operators working with chemicals.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Controlled heating and ventilation will improve heating efficiencies of the buildings. Remote monitoring will ensure HVAC is working as designed as a preventative measure against heating system failure and building freeze up.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: W&S FACILITIES - HVAC & DIGITAL CONTROL UPGRADES  
LOCATION: ATQ, KAK, NUI, AIN, PHO, & PIZ

10. **ATTACHMENTS:** List any supplemental information submitted with this request.

➤

11. **ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner  
Date: 2025.02.24 15:16:45 -09'00'

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

•

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

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REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: AW WTP Process Upgrades  
 LOCATION: Areawide

<b><u>NSB PLANNING DEPARTMENT USE ONLY</u></b>			
TEMPORARY/CIP PROJECT NO.:	59161	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$5,248,661
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$1,870,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

**1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 This project requests funds to upgrade some of the processes at the water treatment plants in all seven villages. Specific upgrades are: installing mixers in the water storage reservoirs, re-configuring Point Hope's reservoir heating system, and installing new heat exchangers and process tank heaters.

All of the process and facility control panels, Human-Machine Interfaces (HMI), Programmable Logic Controllers (PLC's), Input/Output (I/O) Modules are over 20 years old and are displaying signs of component or systemic failures that interrupt and prevent production of water, or do not provide local alarms for emergency notifications. This project would also include updating the legacy software on devices from Windows 98 to current operating system. This also includes an upgrade of the Wonder Ware licenses. This is for 6 WTP, as AIN has been upgraded.

PRC 2021 funded \$563,000 for PHO.

PRC 2023 funded \$800,000 for PIZ.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - This request is for ATQ and NUI \$1,870,000
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Engineering 20%	12% of construction	\$181,958
<b>Construction/Acquisition</b> (anticipated costs)	Equipment & Installation	Escalated costs	\$1,516,320
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$169,828
<b>Contingency</b> (if not included in other line items)	@20%		\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$1,868,106</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$5,248,661</b>

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- CIP Project Number: 59161. This project is phased.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- Point Hope funded at \$563,000. Point Lay funded at \$800,000. Project costs will be \$934,800 per village in 2025, \$1,010,000 per village in 2025.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- Phase 3 (this request) for Atqasuk & Nuiqsut at \$1,868,000. Phase 4 for Kaktovik & Anaktuvuk Pass at \$2,018,000.

6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:



7. **PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Control panels, PLC's, and HMI's are failing and interrupting critical W&S operations and we have to emergency mobilize staff from one site to another to piece together equipment to resume operations.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will not expand facilities.

Indicate if this is a reoccurring upgrade or repair.

- This is a reoccurring project request until the upgrades are completed.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- However, we have controls systems for water process that have required support of search and rescue to mobilize staff to repair PLC's and HMI's to restore water production due to component failures.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: AW WTP Process Upgrades  
LOCATION: Areawide

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

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REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: AW AMI Remote Water Service Metering  
 LOCATION: Areawide

<i>NSB PLANNING DEPARTMENT USE ONLY</i>			
TEMPORARY/CIP PROJECT NO.:	59164	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	<del>2,187,500</del> 2,578,500
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$523,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

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3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 This project requests funds the install of Advance Metering Infrastructure (AMI) including remote water service meter reading and report in all communities.

Water meters with numeric registers are located inside homes and buildings. These devices are used by NSB A&F to track water usage for billings. The existing remote meters allow the operators to read meters from the outside of the house, but the readouts are often obscured by snow drifts. Frequently, NSB staff have difficulty meeting normal job duties on top of meter reads during busier times periods. In some communities, most houses do not have remote meter readouts due to the manufacturer discontinuing the product. For example, 1/3 of the buildings in Point Hope have remote meter readouts. This means operators have to enter each house and business to read the meter, which is inconvenient for the residents and not possible when occupants are not available or do not allow entry. Each month, the crew spends several days reading meters, when that time could be spent maintaining and improving the W&S system.

The AMI system provide remote data transmission from the meters to the NSB network for uploading to NSB A&F. The systems also would allow detection and notification of internal water leaks at residences within minutes. Well over a hundred thousand gallons of water are lost each year due to the time it takes to locate internal leaks. Internal leaks put the community water supplies at risk, and cause substantial structure damage. Early notification of sources will mitigate unnecessary water loss from internal leaks and poorly maintained fixtures as well as minimize the risk for home damage from flooding.

The project scope will include the installation of new meter heads with wifi or cellular endpoints, tamper-evident hardware. A 10 year subscription cost is included in this estimate to the processing service.

Subscription provides push notifications/alarms, meter reads and usage analytics for the NSB and subscriber. Future years are estimated if this project needed to install all necessary equipment, software, licensing and networking.

PHO funded in 2023.

NUI funded in 2024.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

This Request is for the remaining villages of AKP, ATQ, KAK, PIZ, and AIN at \$1,870,000.

AIN is the priority village.

Total project costs estimated at \$2,664,700.

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$128,800
<b>Construction/Acquisition</b> (anticipated costs)	Equipment and Vendor Services	Estimate based on typical connection costs	\$1,287,800
<b>Administration</b> (NSB project management)	CIPM Admin @ 10%		\$141,700
<b>Contingency</b> (if not included in other line items)	20% of Construction		\$311,700
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$1,747,500
<b>TOTAL PROJECT COST (if different)</b>			\$2,578,500

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ This project can be phased over multiple years and sites.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ See below.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- PHO \$381,100 (funded 2023), NUI \$413,500 (funded 2024), AIN \$522,100, KAK \$351,700, AKP \$360,700, ATQ \$276,900 and PIZ \$262,600

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- This is an upgrade which is requested based on improving the accountability of utility services.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- The AMI system would allow for detection of internal water leaks at residences within minutes reducing annual water loss and structure damages. The system provide notification and alarms for services and will also simplify meter data collection for A&F billings.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- It will expand services. The AMA requires an service agreement for each remote meter readout. The capital project should set up a 10 year the service agreement. After which, the costs will be operational. The reduction is labor to perform meter reads will offset the agreement costs.

Indicate if this is a reoccurring upgrade or repair.

- This is not reoccurring once completed.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: AW AMI Remote Water Service Metering  
LOCATION: Areawide

- This project will reduce labor costs associated with collecting utility meter reads. The project will increase the consistency and reliability of readings improving A&F's billing ability.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: RESPEC AMI Smart Meter Pilot Program Study 11/2021.

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

Requestor Name and Title: L. Eben Brower, Water & Sewer System Manager

Requestor Signature:



Date: 2/20/2025

Department Director Name: Scott K. Danner, Public Works Director

Department Director Signature:



Digitally signed by Scott Danner  
Date: 2025.02.24 15:16:02 -09'00'

Date:

**NSB PLANNING DEPARTMENT USE ONLY**

Summary of PRC and Planning Commission discussion and recommendation:

- 

Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):

-

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Utqiagvik Aboveground W&S Upgrades

LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	09-NEW-03	TYPE:	New
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$168,555,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$14,448,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This project request is to expand the Utqiagvik water and sewer system with new aboveground mains and services. Under 59142 new service connections were previously authorized for underground connection. During design, the scope was updated to investigate and design an aboveground system expansion with 27 homes and 17 vacant lots within the new service area. The 59142 code is old and we are requesting a new code to begin closing out the old code that starts the aboveground developments.

The NSB needs to move W&S systems aboveground and the standard designs updated accordingly. The design and construction scope includes extending the water and sewer mains, installing new fire hydrants, and new water and sewer service connections and making above grade connections accessible and affordable for an additional 446 lots that include 124 vacant lots and the remaining having existing underground connections.

This project request is to begin the design phase, for water and sewer mains and services for those services in the area of Pump Station, 7, 8 and 9.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ Project request is for design and CIPM DCA funds \$14,448,000.

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	A&E Design	~12% of Construction	\$13,135,000
<b>Construction/Acquisition</b> (anticipated costs)	Includes 20% contingency	Engineer's ROM estimate 12/5/2024	\$109,451,000
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$12,258,000
<b>Contingency</b> (if not included in other line items)	25%		\$33,711,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$
<b>TOTAL PROJECT COST (if different)</b>			\$168,555,000

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- The project is proposed as phased. The first phase will be design followed by construction and A&E construction administration. Anticipated duration would be based on availability of funding for construction and may extend to 6 to 8 years in total.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- Phase 1 funding is \$8,800,000. Results of Phase 1 will determine future phase breakdowns and costs.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- The request is the result of a need to provide residents of Utqiagvik a reliable water and sewer infrastructure and move people off honey buckets and holding tanks onto the piped utility system.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Utqiagvik Aboveground W&S Upgrades  
LOCATION: Utqiagvik

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project would add new aboveground mainlines and services to the distribution and connection systems. This would expand the existing system aboveground to provide stable infrastructure as proposed in other communities.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Operating and Maintenance costs are expected to increase due to increased energy demand when compared to the current load. The net cost impact to the NSB is a reduction of O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is an initial project to move all of the water and sewer infrastructure above grade. Future service districts have not been identified for upgrades as of yet.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Access to potable water is documented as having a positive effect on human health. Similarly, removing wastewater from dwellings is documented as having positive effects. Further, eliminating the potential for wastewater backups will also improve public health.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: 2013-13 AW Alternatives to Direct Bury.

Attach a copy of an executive summary, if possible.



**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- Aboveground Vacuum Sewer System Presentation
- ROM UTQ AG W&S Estimate 12/5/2024

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Utqiagvik Aboveground W&S Upgrades  
LOCATION: Utqiagvik

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION		
<b>Requestor Name and Title:</b> L. Eben Brower, Water & Sewer System Manager		
<b>Requestor Signature:</b> 		<b>Date:</b> 2/20/2025
<b>Department Director Name:</b> Scott K. Danner, Public Works Director		
<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:14:57 -09'00'	<b>Date:</b>

<u>NSB PLANNING DEPARTMENT USE ONLY</u>
<b>Summary of PRC and Planning Commission discussion and recommendation:</b> <ul style="list-style-type: none"><li>•</li></ul>
<b>Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):</b> <ul style="list-style-type: none"><li>•</li></ul>

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Atqasuk W&S Connections

LOCATION: Atqasuk

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	59137	TYPE:	Upfund
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

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**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This project request is for expansion of the Atqasuk water and sewer system. This request includes extension of the water and sewer mains approximately 1,300 linear feet, and installation of 15 new water and sewer service connections. The design for this project is complete.

The existing WWTP is near capacity with periods of flow exceeding the plant capacity. Adding any new services connections will put the plant at capacity. Construction of the WWTP, under 60-122, is necessary before the new service connections can be performed. It was funded in 2021.

The extension of water and sewer mains are necessary to add the new service connections; homes served by truck haul are outside of the existing piped water distribution and sewer collection system. The expanded water distribution area will increase the fire department's service area. New fire hydrants are included on the new mains to provide fire water coverage for these new service areas.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

Design/CA: \$2,500,000; Phase 1 UG Construction: \$ 26,968,000; Phase 3 Abovegrade: \$3,914,000  
10% CIPM Admin.: \$ 3,088,000; 15% Contingency: \$ 5,096,000;  
This request: \$ 41,567,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Atqasuk W&S Connections

LOCATION: Atqasuk

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Permitting & Construction Administration	Based on original design contract	\$2,500,000
<b>Construction/Acquisition</b> (anticipated costs)	CNST/PM/Profit/OH	2015 HMS Cost Estimate plus time escalation	\$30,882,000
<b>Administration</b> (NSB project management)	CIPM Admin @ 10%		\$3,088,000
<b>Contingency</b> (if not included in other line items)	15% of Construction	Engineer estimate	\$5,096,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$41,567,000
<b>TOTAL PROJECT COST (if different)</b>			\$

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.



If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ CIP Project Number 59137.

➤ Construction will occur over two years: Phase 1- Underground Connections- \$34,614,000; Phase 2- Above Grade Connections- \$4,952,000. Alternately the work could be divided into 4 phases. for funding.

6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ This project is for the permitting, construction administration and construction of new infrastructure that will be added to the repair and replacement schedule upon completion of construction.

7. **PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Expanding the Atqasuk water and sewer system will meet growth needs and provide basic quality of health for the community of Atqasuk.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Upgrades include extending the existing water and sewer mains, and installing 15 new water and sewer service connections. The new connections will increase both operating and maintenance costs, but will reduce the costs of truck haul service.

Indicate if this is a reoccurring upgrade or repair.

- N/A.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: ATQ & NUI W&S Connections - 02/2013

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Atqasuk W&S Connections  
LOCATION: Atqasuk

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Point Lay W&S Upgrade Ph 1

LOCATION: Point Lay

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	59151	TYPE:	Upfund
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

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**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

The existing water and sewer system in Point Lay is damaged due to unstable permafrost. Water system leaks continue to occur with regular frequency and repairs are costly. The water loss jeopardizes the drinking and fire water reserves for Point Lay. The repairs have become a burden on the Operations budget, and are a routine source of community concerns elevated to the Mayor's Office and Assembly. The buried system needs replacement in order to provide the essential service to residents; a replacement system is needed.

The North Slope Borough commissioned a conceptual study to evaluate life cycle costs, advantages and disadvantages to replace failing water and sewer infrastructure. The study recommended installation of aboveground circulating water distribution and vacuum sewer collection systems. This upfund request would fund Construction Administration and part construction funding.

PRC 2021 approved \$6,930,000.

PRC 2024 approved \$3,500,000.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - This request is for \$83,491,000 to fund construction administration, CIPM administration and Construction funding. Additional phasing recommendations will be developed during design. Design is already funded.
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Point Lay W&S Upgrade Ph 1

LOCATION: Point Lay

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$391,007
<b>Professional Services</b> (design, legal, other)	Design / Construction Administration		\$7,861,117
<b>Construction/Acquisition</b> (anticipated costs)		Conceptual Design Report escalated	\$62,080,208
<b>Administration</b> (NSB project management)		10% of project costs	\$7,325,464
<b>Contingency</b> (if not included in other line items)			\$16,263,057
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$83,490,853
<b>TOTAL PROJECT COST (if different)</b>			\$93,920,853

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- Conceptual report project construction schedule assumes the construction will take approximately 4 to 6 years to complete at a total installed cost of approximately \$78,436,9005 in 2021. Inflation adjusted to \$93,920,853 for 2025.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- N/A.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- CIP Project Number: 59151.
- Progress funding is needed to fund construction administration, CIPM administration and initial Construction funding. Additional phasing recommendations will be developed during design. It is anticipated that requests will be on the order of \$20,000,000 per year for 3-4 years.

6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- Water and Sewer systems in Point Lay are experiencing a high rate of service interruptions and increasing repair costs, which is not sustainable. Ongoing discussions with Public Works, NSB Mayor

and Assembly have produced this request. The request is the result of a need to provide residents of Point Lay a reliable water and sewer infrastructure. The funding schedule allows this to be added to the 6-Year R&R plan.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project would replace damaged infrastructure. The reliability of the system will improve as well as reducing service interruptions. The existing system is stressed beyond design, and weak points show as water leaks. Permafrost instabilities have created undulations in the gravity sewer collection system that cause sewage solids to collect and block off the mains, which backs up into homes flooding floors, creating a health and human safety risk. This project would replace the failing infrastructure with above grade systems that are isolated from the ground movement and field adjustable to ensure proper operation without costly excavations.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Operating and Maintenance costs are expected to decrease as emergency leak repairs will be reduced. Once completed, this project will restore piped service to homes and facilities that have failed and been transitioned to tanked service. The net cost impact to the NSB is a reduction of O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one time project.

Detail outside funds being leveraged, if applicable.

- ANTHC with IHS funds applied for in 2023. Awaiting status of application.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Multiple reports and the CDR discusses the extensive failures in Point Lay and recommends replacing the system.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Access to potable water is documented as having a positive effect on human health. Similarly, removing wastewaters from dwellings is documented as having positive effects. Further, eliminating the potential for wastewater backups into homes will also improve public health.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- The CDR discusses the costs associated with continuing on without change, but does not include the risk of failures.

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Point Lay W&S Upgrade Ph 1

LOCATION: Point Lay

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Completion of this project will reduce emergency repair expenditures in Point Lay. 20-year life cycle costs for the aboveground systems are \$103,386,367. Life cycle costs for maintenance of the existing systems are \$146,495,410. Total life cycle cost savings are estimated at \$43,109,043. Costs not indexed for information since PAR.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:


Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 59-151 Point Lay W&S Upgrades Phase 1 CDR.

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

REQUESTOR INFORMATION	
Requestor Name and Title: L. Eben Brower, Water & Sewer System Manager	
Requestor Signature: 	Date: 2/20/2025
Department Director Name: Scott K. Danner, Public Works Director	
Department Director Signature:	Date:

<u>NSB PLANNING DEPARTMENT USE ONLY</u>
Summary of PRC and Planning Commission discussion and recommendation: <ul style="list-style-type: none"><li>•</li></ul>
Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s): <ul style="list-style-type: none"><li>•</li></ul>

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: BUS Service Connections Upgrades

LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	59152	TYPE:	Upfund
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

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**Incomplete or unsigned requests are unacceptable and will be returned.**

- 1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This is an up-funding request to cover construction, design, and administrative costs for upgraded water and sewer service connections to the Barrow Utilidor System. There are a number of services in the BUS that are reaching the end of their useful life. More than 40 services have required repeated and costly repairs. Upgrades to these service connections will reduce repeated O&M costs to maintain service. This up-funding request will cover construction, design and administrative costs to provide upgrades for the 10 additional above-ground services.

Prior requests focused on the 12 plexes at the top of BUECI's list, buildings 5150, 5115, 5145, 5155, 5200, 5210, 5230, 5240. Upgrades to these services have the greatest impacts to operations and number of residents.

Subsequent to those 12 plexes, 10 additional services be selected as those with the most service interruptions or intensive to maintain .

PRC 2022 approved \$1,000,000

PRC 2023 approved \$1,000,000

- 2. DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

  - This request is for \$2,558,00 to complete 24 more services. This includes using \$2,500,000 in additional grant funds for all the homes. Total project cost \$5,558,000.

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Design/Permitting/CA	15% of construction	\$252,800
<b>Construction/Acquisition</b> (anticipated costs)		Based on recent work	\$1,685,000
<b>Administration</b> (NSB project management)		10%	\$194,000
<b>Contingency</b> (if not included in other line items)		20%	\$426,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$2,558,00
<b>TOTAL PROJECT COST (if different)</b>			\$5,558,000

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- CIP Project Number: 59152

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- N/A.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- This request is for the next phase of 12 homes. A lesser quantity of buildings could be funded, and still make progress on the repair list.

6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- This will correct problematic services that are requiring frequent service repairs and need replacing.

7. **PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: BUS Service Connections Upgrades

LOCATION: Utqiagvik

- Up-funding this project is necessary in order to upgrade existing problematic water and sewer service connections that continually drain the O&M budget.
- This will provide \$2,500,000 to upfund installing new service connections, we are matching this request with \$2,500,00 it will provide \$5,000,000 to expand the BUS and provide service to NSB residence.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Upgrading existing problematic water and sewer connections will reduce emergency repairs and reduced the O&M budget. Upgrading failed services will in effect increase the number of connections

Indicate if this is a reoccurring upgrade or repair.

- This is a recurring upgrade to the system.

Detail outside funds being leveraged, if applicable.

- \$2,500,000 will be used from grant funds.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Services with costly repeated repairs will be upgraded, significantly reducing the O&M budget spent on emergency repairs.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: BUS Service Connections Upgrades  
LOCATION: Utqiagvik



**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**

**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

**REQUESTING ENTITY: Public Works Water & Sewer Division**

**PROJECT NAME: Areawide Secondary Water Source**

**LOCATION: Areawide**

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	59159	TYPE:	Upfund
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

- 1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

Design and construction for secondary water sources in Kaktovik, Point Hope and Wainwright. Instead of constructing new water storage tanks, more sustainable and reliable water sources can be developed for nearly year-round water production using directionally-drilled wells to access water under the ground or ice.

Wainwright's water storage capacity is marginal for the communities needs. Early water production by truck haul is frequently necessary to provide water between April and July each year.

Point Hope's water source lake is slowly draining out and has shrunk. The longevity of the water source has yet to be determined. PRC 2019 funded \$3.595M, PRC 2022 \$4.023M and PRC 2023 420K for design and construction.

This request is for Wainwright. The first phase of this project is for design, data acquisition and well drilling. The second phase would be for completion of construction funds for the well house and water transmission line, and plant modification to include reverse osmosis treatment.

Benefits of this project include:

  - increased reliability of potable water supply with potential for annual water supply;
  - decreased urgency and cost of water leak repairs;
  - option to decrease operational and future capital costs by minimizing water storage infrastructure.

- 2. DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year’s expenditure estimate, administrative estimate, and contingency.  
 This request for AIN: \$17,141,000  
 Total Project Cost (AW): \$36,516,000

**3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Design, CA	Engineers estimate escalated	\$2,914,000
<b>Construction/Acquisition</b> (anticipated costs)	Facility, pipeline and process construction	Estimate based on costing from PIZ HDD proposals	\$9,127,000
<b>Administration</b> (NSB project management)	NSB Admin 10%		\$1,204,000
<b>Contingency</b> (if not included in other line items)	25%		\$3,011,000
<b>Other Costs</b> (with description)			\$885,000
<b>TOTAL</b>			\$17,141,000
<b>TOTAL PROJECT COST (if different)</b>			\$36,516,000

- 4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes   
 If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.  
 ➤
- 5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes   
 If Yes, indicate name and CIP project number:  
 If this is a new request, indicate below whether this project could be phased and over how many years.  
 ➤ The project can be phased by village and drilling program and above grade constructions.  
 If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.  
 ➤ PHO \$8,056,445 (funded), AIN \$17,141,000, KAK \$11,318,000  
 If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.  
 ➤ This request - AIN total is \$17,141,000. Project could be phased into two phases: Phase 1 - Data Acquisition, Test Well Drilling, Well Design and Well drilling, and Phase 2 - Well Development, Well House Pipeline, Process Upgrade and process upgrade.
- 6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**  
 Is this project included in the Borough’s Repair & Replacement Schedule? No  Yes   
 If Yes, is it scheduled for replacement before 2029? No  Yes   
 If No, explain why it should be considered out of sequence:

- This project will result in significantly improved reliability of the water systems, reduce emergency repair costs, and eliminate emergency water haul costs.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project will provide access to new water sources for the communities. The water lake in Point Hope has shrunk and a new water source will be needed in coming years. Wainwright does not have enough water storage capacity to supply water to the community year-round. Estimates for early water production are \$700k per year. This project will eliminate those costs and increase the reliability of the fresh water supply.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This will expand facilities and increase operating costs, but it will eliminate \$700k for each avoided emergency water haul. BThe project will allow for two existing water reservoirs to be taken offline; thus minimizing the O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is not a recurring upgrade or repair.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Water tanks can also be removed from service, reducing O&M costs.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: Secondary Water Sources for KAK, PHO and AIN 2018.

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Secondary Water Source  
LOCATION: Areawide


Attach a copy of an executive summary, if possible.

10. **ATTACHMENTS:** List any supplemental information submitted with this request.

- Secondary Water Sources for KAK, PHO and AIN 2018

11. **ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

- 

REQUESTOR INFORMATION	
Requestor Name and Title: L. Eben Brower, Water & Sewer System Manager	
Requestor Signature: 	Date: 2/20/2025
Department Director Name: Scott K. Danner, Public Works Director	
Department Director Signature:	Date:

<u>NSB PLANNING DEPARTMENT USE ONLY</u>
Summary of PRC and Planning Commission discussion and recommendation: <ul style="list-style-type: none"><li>•</li></ul>
Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s): <ul style="list-style-type: none"><li>•</li></ul>

**REQUESTING ENTITY: Public Works Water & Sewer Division**

**PROJECT NAME: Areawide Water and Sewer Connections**

**LOCATION: Areawide**

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	59162	TYPE:	Upfund
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
This project request is for the installation of new water and sewer service connections. This project would fund piping connections to homes in villages that already have modern sanitation facilities in homes. This project would also be used to put homes on the piped system that are currently served by holding tanks.  
27 of new residential service applications are awaiting connection areawide, plus 86 in UTQ under 59-142.  
Request totals by village:  
AKP 8 - See 59-148 for existing project  
ATQ 6 - See 59-137 for existing project designed. WWTP requires expansion first.  
KAK 0  
NUI 2 - See 59-138 for existing project designed but needs mainline expansion  
PHO 4 (Funded by ordinance 2023-10)  
PIZ 1  
AIN 6

These totals only reflect connection applications, even though we know there are services without applications on record. The total do not consider if the existing water and sewer infrastructure is in place in front of the properties, or if the systems can support new connections.

This upfund request is for two service applications in AIN. The Assembly of God Church currently has a barrel but the heat trace is bad and needs an above grade line to the new building. The secondary service needs design for a full service.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year’s expenditure estimate, administrative estimate, and contingency.
- This request is for 2 services in AIN for \$1,360,000 as design funds for this cycle.
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	12% of construction		\$102,643
<b>Construction/Acquisition</b> (anticipated costs)		Estimate based on typical connection costs	\$855,360
<b>Administration</b> (NSB project management)	10%		\$95,800
<b>Contingency</b> (if not included in other line items)	25%		\$263,451
<b>Other Costs</b> (with description)	Permit/land acquisition 8%		\$42,676
<b>TOTAL</b>			\$1,359,930
<b>TOTAL PROJECT COST (if different)</b>			\$3,089,930

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes   
 If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.  
 ➤
5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes   
 If Yes, indicate name and CIP project number:  
 If this is a new request, indicate below whether this project could be phased and over how many years.
- It is possible to phase by villages once a priority order is determined. AIN is requested at this time as the only community that does not require mainline upgrades to add services.
- If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.
- Point Hope: \$1,868,100 (Funded in 2023) Wainwright: \$1,360,000
- If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.
- Project should be phased with design funds first to confirm the homes can be connected and that system expansions are not required.
6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**  
 Is this project included in the Borough’s Repair & Replacement Schedule? No  Yes   
 If Yes, is it scheduled for replacement before 2029? No  Yes   
 If No, explain why it should be considered out of sequence:  
 ➤
7. **PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Some areawide residents are still on the honeybucket system. Most are on sewage holding tanks. More residents are wanting Water & Sewer connections.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- It will increase facilities and services and may entail increased operations and maintenance costs.

Indicate if this is a reoccurring upgrade or repair.

- 

Detail outside funds being leveraged, if applicable.

- 

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Access to potable water is documented as having a positive effect on human health. Similarly, removing wastewater from dwellings is documented as having positive effects. Further, eliminating the potential for wastewater backups will also improve public health.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Water and Sewer Connections  
LOCATION: Areawide

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Wainwright Aboveground W&S Upgrades

LOCATION: Wainwright

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	09-NEW-1	TYPE:	New
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

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1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

The existing water and sewer system in Wainwright is damaged due to unstable permafrost. Water system leaks have increased in frequency and repairs are costly. The water loss jeopardizes the drinking and fire water reserves for Wainwright. Winter water hauls are now scheduled events. The repairs have become a burden on the Operations budget, and are a routine source of community concerns elevated to the Mayors Office and Assembly.

This request is a follow-up to the limited scope PAR 2013-13 Alternatives to Direct Bury. Additional arctic alternatives should be considered in this phase.

For this first phase, the W&S Utility needs recommendations and conceptual designs for alternate systems to replace the existing direct bury water and sewer system, in order to continue providing the same level of water and sewer service in the future. The project will hold NSB and community meetings to review concerns, and present the recommendations after subsequent meetings. The alternative system will be selected through the Phase 1 effort, with additional funding request for future phases based on the Phase 1 designs.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ Project request is \$14,840,000.

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: Wainwright Aboveground W&S Upgrades  
 LOCATION: Wainwright

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	A&E Design	Based on PIZ	\$12,000,000
<b>Construction/Acquisition</b> (anticipated costs)		TBD	\$
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$1,200,000
<b>Contingency</b> (if not included in other line items)	20%		\$2,640,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$14,840,000
<b>TOTAL PROJECT COST (if different)</b>			\$TBD

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- The project is proposed as phased. The first phase will be design followed by construction.

Anticipated duration would be based on availability of funding for construction and may extend to 6 to 8 years in total.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- Phase 1 funding is \$14,840,000. Results of Phase 1 will determine future phase costs.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- The request is the result of a need to provide residents of Wainwright a reliable water and sewer infrastructure.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project would replace damaged infrastructure. The reliability of the system will improve as well as reducing service interruptions. The existing system is stressed beyond design, and weak points show as water leaks. Permafrost instabilities have created undulations in the gravity sewer collection system that cause sewage solids to collect and block off the mains, which backs up into homes flooding floors, creating a health and human safety risk.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Operating and Maintenance costs are expected to decrease as emergency leak repairs will be reduced. Energy costs are expected to increase over the current load. The net cost impact to the NSB is a reduction of O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one time project.

Detail outside funds being leveraged, if applicable.

- None.

#### 8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- The Alternatives to Direct Bury PAR discusses the failures in Wainwright and recommends upgrades.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Access to potable water is documented as having a positive effect on human health. Similarly, removing wastewater from dwellings is documented as having positive effects. Further, eliminating the potential for wastewater backups will also improve public health.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Completion of this project will reduce emergency repair expenditures in Wainwright.

#### 9. PROJECT ANALYSIS REPORT (PAR) STATUS:

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: 2013-13 AW Alternatives to Direct Bury.

Attach a copy of an executive summary, if possible.


#### 10. ATTACHMENTS: List any supplemental information submitted with this request.

- Alternatives to Direct Bury

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Wainwright Aboveground W&S Upgrades  
LOCATION: Wainwright

11. **ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION	
Requestor Name and Title: L. Eben Brower, Water & Sewer System Manager	
Requestor Signature: 	Date: 2/20/2025
Department Director Name: Scott K. Danner, Public Works Director	
Department Director Signature:	Date:

<u>NSB PLANNING DEPARTMENT USE ONLY</u>
Summary of PRC and Planning Commission discussion and recommendation: <ul style="list-style-type: none"><li>•</li></ul>
Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s): <ul style="list-style-type: none"><li>•</li></ul>

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Nuiqsut Aboveground W&S Connections

LOCATION: Nuiqsut

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	09-NEW-02	TYPE:	New
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

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**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This project request is to expand the Nuiqsut water and sewer system with new aboveground mains and services. Under 59138 a PAR identified new services for connection and designed an underground system expansion.

The NSB needs to move systems aboveground and the design updated accordingly. The design and construction scope includes extending the water main approximately 4,000 linear feet, extending the sewer main approximately 3,000 linear feet, installing new fire hydrants, and installing 7 new water and sewer service connections and making above grade connections accessible and affordable for an additional 58 lots, of which 5 have TNHA lifewater homes and 2 lots have existing underground connections.

This project request is to begin the design of Phase, for water and sewer mains on the west side of the village.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ Project request is for design funds \$1,320,000.

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	A&E Design	Based on previous underground contract	\$1,000,000
<b>Construction/Acquisition</b> (anticipated costs)		TBD	\$
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$100,000
<b>Contingency</b> (if not included in other line items)	20% on A&E and CIPM		\$220,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$1,320,000
<b>TOTAL PROJECT COST (if different)</b>			\$TBD

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- The project is proposed as phased. The first phase will be design followed by construction.

Anticipated duration would be based on availability of funding for construction and may extend to 3 to 4 years in total.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- Phase 1 funding is \$1,320,000. Results of Phase 1 will determine future phase costs.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- The request is the result of a need to provide residents of Nuiqsut a reliable water and sewer infrastructure and move people off honey buckets and holding tanks onto the piped utility system.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project would add new aboveground mainlines and services to the distribution and connection systems. This would expand the existing system aboveground to provide stable infrastructure as proposed in other communities.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Operating and Maintenance costs are expected to increase due to increased energy demand when compared to the current load. The net cost impact to the NSB is a reduction of O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one time project.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Access to potable water is documented as having a positive effect on human health. Similarly, removing wastewater from dwellings is documented as having positive effects. Further, eliminating the potential for wastewater backups will also improve public health.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: 2013-13 AW Alternatives to Direct Bury.

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- PAR Alternatives to Direct Bury

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Nuiqsut Aboveground W&S Connections  
LOCATION: Nuiqsut

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

**REQUESTING ENTITY: Public Works Water & Sewer Division**  
**PROJECT NAME: Anaktuvuk Pass Aboveground W&S Upgrades**  
**LOCATION: Anaktuvuk Pass**

<b><u>NSB PLANNING DEPARTMENT USE ONLY</u></b>			
TEMPORARY/CIP PROJECT NO.:	09-NEW-04	TYPE:	New
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 This project request is to expand the Anaktuvuk Pass water and sewer system with new aboveground mains and services connections. The NSB needs to move W&S systems aboveground and the standard designs updated accordingly. The design and construction scope includes extending the water and sewer mains, installing new fire hydrants, and new water and sewer service connections and making above grade connections accessible and affordable for 193 lots that include 45 vacant lots. The remaining lots having existing buildings with 112 current underground connections.

Under 59148 new service connections were previously authorized for 23 underground connections. This proposed project is expected to reused equipment installed thru this project.

This project request is to begin the design of Phase, for water and sewer mains and connections.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year’s expenditure estimate, administrative estimate, and contingency.
  - Project request is for design and CIPM DCA funds \$13,200,000.
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	A&E Design	~12% of Construction based on PIZ contract	\$10,000,000
<b>Construction/Acquisition</b> (anticipated costs)	I	TBD	\$
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$1,000,000
<b>Contingency</b> (if not included in other line items)	20% on A&E and CIPM		\$2,200,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$13,200,000
<b>TOTAL PROJECT COST (if different)</b>			\$TBD

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- The project is proposed as phased. The first phase will be design followed by construction and A&E construction administration. Anticipated duration would be based on availability of funding for construction and may extend to 3 to 4 years in total.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- Phase 1 funding is \$13,200,000. Results of Phase 1 will determine future phase breakdowns and costs.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- The request is the result of a need to provide residents of Anaktuvuk Pass a reliable water and sewer infrastructure and move people off honey buckets and holding tanks onto the piped utility system.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project would add new aboveground mainlines and services to the distribution and connection systems. This would expand the existing system aboveground to provide stable infrastructure as proposed in other communities. The Christmas 2024 water outage is a large motivation for this request to prevent reoccurrence of this incident.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Operating and Maintenance costs are expected to increase due to increased energy demand when compared to the current load. The net cost impact to the NSB is a reduction of O&M costs as costs related to breaks and repairs would be reduced.

Indicate if this is a reoccurring upgrade or repair.

- This is a one time project.

Detail outside funds being leveraged, if applicable.

- None.

#### 8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- The Christmas 2024 water outage points to the need to move the utilities aboveground. The incident showed that water leaks are expensive to locate and repair and have a community wide impact when they are sufficiently large to jeopardize the drinking and fire water supply.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Access to potable water is documented as having a positive effect on human health. Similarly, removing wastewater from dwellings is documented as having positive effects. Further, eliminating the potential for wastewater backups will also improve public health.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

#### 9. PROJECT ANALYSIS REPORT (PAR) STATUS:

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: 2013-13 AW Alternatives to Direct Bury.

Attach a copy of an executive summary, if possible.


REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Anaktuvuk Pass Aboveground W&S Upgrades  
LOCATION: Anaktuvuk Pass

10. **ATTACHMENTS:** List any supplemental information submitted with this request.



11. **ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION	
<b>Requestor Name and Title:</b> L. Eben Brower, Water & Sewer System Manager	
<b>Requestor Signature:</b> 	<b>Date:</b> 2/20/2025
<b>Department Director Name:</b> Scott K. Danner, Public Works Director	
<b>Department Director Signature:</b>	<b>Date:</b>

<u>NSB PLANNING DEPARTMENT USE ONLY</u>
<b>Summary of PRC and Planning Commission discussion and recommendation:</b> <ul style="list-style-type: none"><li>•</li></ul>
<b>Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):</b> <ul style="list-style-type: none"><li>•</li></ul>

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Water & Sewer Easements

LOCATION: Areawide

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	09-NEW-05	TYPE:	New
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
This project seeks funding to obtain easements for water and sewer utilities. Many W&S projects are funded and numerous projects are proposed. Property easements often delay advertising of construction contracts. Solidifying easements in advance will streamline project implementation. This project would also finalize legacy easements and record the easements with the State of Alaska Records Office.

This project would benefit:

- Anaktuvuk Pass AG W&S Upgrades
- Nuiqsut AG W&S Connections
- Utqiagvik AG W&S Upgrades
- Wainwright AG W&S Upgrades

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - Project request is for Profession Servces and CIPM DCA funds \$792,000.
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
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REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Water & Sewer Easements

LOCATION: Areawide

<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services		\$600,000
<b>Construction/Acquisition</b> (anticipated costs)			\$
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$60,000
<b>Contingency</b> (if not included in other line items)	20% on P.S and CIPM		\$132,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$792,000
<b>TOTAL PROJECT COST (if different)</b>			\$TBD

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- This is a new project request. The project could be phased in conjunction with funded projects.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- The village specific costs for this areawide project varies based on whether projects are funded in each village. The initial phase supports services in Utqiagvik and Wainwright.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- Phase 1 funding is \$792,000. Additional phases are dependent on scale of authorized projects and determination of unrecorded easement status.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- This project would support funded water and sewer projects, but could also prepare easements in advance of a project. This would prevent delays in locating property owners and delays in coordinating with BIA for restricted lots.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Water & Sewer Easements

LOCATION: Areawide

- This project would support funded water and sewer projects, but could also prepare easements in advance of a project. This would prevent delays in locating property owners and delays in coordinating with BIA for restricted lots. The project would also clean up some of the older easements that either do not exist or that have not been recorded.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will not affect O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This project would reoccur as needed to support new projects.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No

Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- GIS inventory of recorded and unrecorded inventory maps.

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Water & Sewer Easements  
LOCATION: Areawide

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**

**Date:**

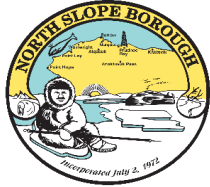
**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-



**North Slope  
Borough  
Six-Year  
Capital Plan**

	2025	2026	2027	2028	2029	2030
New GO Bond	\$200,000,000	\$414,437,832	\$254,356,000	\$166,740,000	\$65,940,000	\$64,940,000
Other (grants, private)		\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
<b>Total Program</b>	<b>\$200,000,000</b>	<b>\$429,437,832</b>	<b>\$274,356,000</b>	<b>\$186,740,000</b>	<b>\$85,940,000</b>	<b>\$84,940,000</b>
Expansion	\$61,607,000	\$171,356,222	\$94,635,000	\$57,390,000	\$9,390,000	\$23,390,000
Upgrades	\$138,393,000	\$258,081,610	\$179,721,000	\$129,350,000	\$76,550,000	\$61,550,000

Project #	Project Description	2025	2026	2027	2028	2029	2030
<b>SECTION 10 - SEWAGE TREATMENT DISPOSAL FACILITIES</b>		<b>\$34,582,000</b>	<b>\$52,211,722</b>	<b>\$35,351,000</b>	<b>\$17,000,000</b>	<b>\$20,100,000</b>	<b>\$17,200,000</b>
	<i>Expansion of existing programs listed below</i>	\$3,725,000	\$4,800,722	\$3,200,000	\$1,200,000	\$3,200,000	\$1,200,000
	<i>Upgrades to existing programs listed below</i>	\$30,857,000	\$47,411,000	\$32,151,000	\$15,800,000	\$16,900,000	\$16,000,000
60-107	AREAWIDE SEWAGE TANKS	\$2,500,000	\$2,800,722	\$2,000,000		\$2,000,000	
60-111	AW SEWAGE LGN-UPGRD PHIII	\$3,596,000		TBD			
60-118	AW OUTFALL PIPELINE UPGRADE	\$1,978,000					
60-119	AW Heat Trace Panel Upgrades	\$2,200,000	\$2,200,000		TBD		
60-120	BUS PUMP STATION #5 DESIGN	\$1,942,000				Closing	
60-121	AW VACUUM STATION UPGRADE		\$600,000				
60-122	AW WWTP UPGRADES	\$3,400,000	\$13,464,000	\$8,000,000	\$5,500,000	\$5,500,000	\$5,500,000
60-123	AREAWIDE SEWER SYSTEM UPGRADE	\$2,400,000	\$2,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000
60-124	PIZ WWTP R STATION PHI	Closing					
60-125	BARROW UTILITY SYSTEM UPGRADE	\$4,050,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000
60-126	AREAWIDE WATER&SEWER EQUIP	\$1,225,000	\$2,000,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000
60-127	AREAWIDE LIFT STATION UPGRADES						
60-128	AW WWTP CONTROLS UPGRADE	\$160,000	\$330,000				
60-129	VACUUM SERVICE CONNECTION UPGR	\$2,931,000		\$1,951,000		\$1,000,000	
60-130	BUS WWTP MEMBRANES UPGRADES	\$4,800,000	\$5,400,000		Closing		
60-131	AW WWTP MCC REPLACEMENT		\$1,115,000	\$1,200,000	\$1,300,000	\$1,400,000	\$1,500,000
60-132	AIN Septage Receiving Station	\$2,500,000	\$15,098,000				
60-133	BUS Pump Station 1	\$900,000	\$704,000	\$12,000,000			

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-107

CIP PROJECT TITLE: Areawide Sewage Tanks

THIS IS A: \_\_\_\_\_ NEW PROJECT

XXX PROJECT SCOPE MODIFICATION

XXX BUDGETARY GUIDELINE REVISION

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE - LOI</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$10,085,000		
<b>BUDGET INCREASE</b>	<b>\$2,500,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$ 12,585,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$12,585,000</b>		

**SOURCE DESCRIPTION: \$2,500,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** Provides installed sewage tanks at residences currently using honey-bucket system of sewage disposal, or properties where piped sewer collection systems have failed. 2021-10 funding is intended to install 15 holding tanks areawide. 2023-10 funding is intended to install 15 holding tanks areawide. **2025-10 funding is intended for emergency installations of 5 holding tanks areawide.**

**JUSTIFICATION:** Provision of sanitary method of sewage disposal is a Life, Health and Safety issue. Failed sewer services threaten the health and safety of communities. Sewage backups into homes result in increased health risks, and they force residents to go back to honey bucket use. Repair of the buried service pipe is not feasible in some cases due to site control. Providing sewer holding tanks for each home is a less expensive alternative while still providing basic sanitation services.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-111

CIP PROJECT TITLE: AW Sewage Lagoon Upgrade PH V

THIS IS A : \_\_\_\_\_ TITLE CHANGE

XXX **PROJECT SCOPE MODIFICATION**

XXX **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVES–L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$8,525,000		
<b>BUDGET INCREASE</b>	<b>\$3,596,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$2,121,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$12,121,000</b>		

**SOURCE DESCRIPTION:** \$3,596,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** This project is to enhance treatment capability of the village sewage lagoons and bring discharges into compliance with DEC regulations. 2024-10 Funding is for Phase III to provide for improvements to the sewage lagoon in Point Lay. **2025-10 funding is intended for Kaktovik and Wainwright.**

**JUSTIFICATION:** The NSB does not currently have permit coverage to perform required annual discharge from the village sewage lagoons. Discharge sampling indicates they are not currently capable of adequate treatment within permit thresholds. DEC may issue violations if discharge is not permitted and performed in accordance with regulations.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-118

CIP PROJECT TITLE: AW Outfall Pipeline Upgrades

THIS IS A : \_\_\_\_\_ TITLE CHANGE

XXX **PROJECT SCOPE MODIFICATION**

XXX **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE - LOI</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$3,816,000		
<b>BUDGET INCREASE</b>	<b>\$1,978,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$ 5,794,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$5,794,000</b>		

**SOURCE DESCRIPTION:** \$1,978,000 in new G.O. bond funds is being requested.

**PROJECT DESCRIPTION:** Upgrade the treated effluent outfall pipelines that discharge from waste water treatment facilities in Wainwright, Nuiqsut, Kaktovik, and Point Lay. 2020-10 funding is intended to provide for work in Kaktovik and Nuiqsut. **2025-10 funding is intended for Wainwright and Point Lay.**

**JUSTIFICATION:** Outfall locations are becoming eroded, bottom of pipe elevations are subject to changes in ground surface elevation due to permafrost thawing.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-119

CIP PROJECT TITLE: AW Heat Trace Panel Upgrades

THIS IS A: \_\_\_\_\_ TITLE CHANGE

XXX **PROJECT SCOPE MODIFICATION**

XXX **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ JUSTIFICATION MODIFICATION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE - LOI</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$6,791,000		
<b>BUDGET INCREASE</b>	<b>\$2,200,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$ 8,991,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$8,991,000</b>		

**SOURCE DESCRIPTION: \$2,200,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project replaces deteriorated heat trace service and control panels in Point Hope. 2020-10 funding is intended to begin work in Kaktovik. 2021-10 funding is intended to continue the work in Kaktovik. 2022-10 funding is intended to address deteriorating conditions of the electrical service panels in Wainwright to replace panels for 183 homes. 2023-10 funding is intended for work in Wainwright. **2025-10 funding is intended for Wainwright.**

**JUSTIFICATION:** Electrical services have reached the end of their useful life expectancy in the existing coastal salt air environment. Panel failures result in sewer and water service failures.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-120

CIP PROJECT TITLE: BUS Pump Station #5 Upgrade Ph II

THIS IS A : \_\_\_\_\_ TITLE CHANGE

XXX \_\_\_\_\_ **PROJECT SCOPE MODIFICATION**

XXX \_\_\_\_\_ **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVES–L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$7,335,000		
BUDGET INCREASE	\$1,942,000		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$9,277,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$9,277,000</b>		

**SOURCE DESCRIPTION: \$1,942,000 in new G.O. Bond funds are being requested.**

**PROJECT DESCRIPTION:** This project will upgrade and increase the capacity of the Barrow sewer pump station #5. 2019-10 funding is intended for phase II construction phase. 2021-10 funding provides remaining construction funds for the project. 2024-10 Funding is intended to cover construction cost estimate shortfalls. **2025-10 funding is intended to allow the project to proceed to bidding and construction.**

**JUSTIFICATION:** B.U.S. Pump Station #5 is performing poorly due to age and the increased load placed on it by the new Top of the World Hotel. The wet well is severely corroded. **Funding this project will perform much needed upgrades to function Pump Station 5. Upgrading the lift station will size the facility for the current and future demands, as well as use materials that are less maintenance intensive.**

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-122

CIP PROJECT TITLE: AW WWTP Treatment Upgrades

THIS IS A : \_\_\_\_\_ TITLE CHANGE

XXX **PROJECT SCOPE MODIFICATION**

XXX **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVES – L.OI.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$5,921,000		
<b>BUDGET INCREASE</b>	<b>\$3,400,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$9,321,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$9,321,000</b>		

**SOURCE DESCRIPTION: \$3,400,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project is to upgrade process, process control, and process monitoring systems in Anaktuvuk Pass, Atqasuk, Kaktovik, Nuiqsut, Point Hope, Point Lay, and Wainwright. 2019-10 funding is intended to complete Point Hope WWTP Upgrades construction. 2021-10 funding is intended for work in Atqasuk. 2023-10 funding is intended for construction in Wainwright. 2024-10 Funding is intended for Point Hope and Atqasuk. **2025-10 funding is intended to upgrade process, process control, and process monitoring systems in Point Hope.**

**JUSTIFICATION:** Process upgrades will improve regulatory compliance and reduce plant overflow events. The controls work will replace obsolete alarm and control systems with PLC-based systems which are readily maintainable, currently supported, and highly-functional compared to the current systems. The upgrades will fix the alarm callout problems and reduce maintenance and overtime costs. **Replacing the aging wastewater treatment plants with new package plants will eliminate the failure of the current tanks, and will provide appropriate levels of treatment, improving regulatory compliance, and greatly reduce maintenance costs.**

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-123

CIP PROJECT TITLE: Areawide Sewer Systems Upgrades

THIS IS A: \_\_\_\_\_ NEW PROJECT

XXX PROJECT SCOPE MODIFICATION

XXX BUDGETARY GUIDELINE REVISION

\_\_\_\_\_ JUSTIFICATION MODIFICATION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	G.O. BONDS	CAPITAL RESERVES – L.O.I	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$14,804,000		
BUDGET INCREASE	<b>\$2,400,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$7,204,000		
TOTAL PROJECT AMOUNT	<b>\$17,204,000</b>		

**SOURCE DESCRIPTION:** \$2,400,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** This project addresses the needs and unanticipated major upgrades of Areawide sewer systems as they arise. **2025-10 funding is intended to cover proactive upgrades and improvements to Anaktuvuk Pass, Atqasuk, Kaktovik, Nuiqsut, Point Hope, Point Lay and Wainwright.**

**JUSTIFICATION:** This project allows the NSB to immediately address major upgrades of village sewer systems as unanticipated problems are detected, and upgrade requirements are identified. This is a life, health and safety issue. **This project will improve the service levels by replacing older/damaged infrastructure and equipment.**

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-125

CIP PROJECT TITLE: Barrow Utilidor System Upgrades

THIS IS A : \_\_\_\_\_ NEW PROJECT  
 \_\_\_\_\_ **XXX** PROJECT SCOPE MODIFICATION  
 \_\_\_\_\_ **XXX** BUDGETARY GUIDELINE REVISION  
 \_\_\_\_\_ SCHEDULE (or) STATUS REVISION  
 \_\_\_\_\_ CLOSE COMPLETED PROJECT

	G.O. BONDS	CAPITAL RESERVES–L.O.I.	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$33,416,000		
<b>BUDGET INCREASE</b>	<b>\$4,050,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$37,466,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$37,466,000</b>		

**SOURCE DESCRIPTION: \$4,050,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project provides for upgrades to the Barrow Utilidor System. 2017 funding is intended to address design of outer deck repairs and replacement/relocation of mechanical and electrical components at pump stations. 2018 funding is intended to address upgrades and associated piping at pump station 3. 2021-10 funding is intended to upgrade sewage pumps, heat trace, Advance Metering Infrastructure, BUS Manhole Upgrade, Fiber Optic Cable from Pump Station 3 to existing monitoring network, WWTP fine screens and Pump Station Utilidor Replacement. Pump Station Sewage Pumps. 2024-10 Funding is intended to provide new in-line sewer heat trace, up fund the Pump Station #2 Outer Decks project, Muffin Monster replacements, WRP pump and motors, natural gas backup generator and glycol pump replacements, a portable backup generator for PS3 and PS 7 and SSL Lagoon Discharge to WWTP effluent piping. **2025-10 funding is intended for Pump station sewage pumps & motors upgrades. New inline heat trace & above ground heat traces & controller boxes/for sewer lines, new 5,000 gl flush truck, WRP glycol pump upgrades, 2 portable generators, insulate new storage tent & run gas line for heater, hydro-jetter trailer, JCB teleskid, WWTP floor coating, crane upgrades and pumps & motors.**

**JUSTIFICATION:** Replacement items such as large pumps, motors and equipment are scheduled for replacement on the preventive maintenance schedule. In order to maintain the existing level of service to all BUS customers, ongoing major repairs and upgrades are required. This project allows for implementing improvements to the system when deficiencies are encountered and while major repairs are addressed.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-126

CIP PROJECT TITLE: Areawide Water Sewer Equipment

THIS IS A: \_\_\_\_\_ NEW PROJECT  
 \_\_\_\_\_ **XXX** PROJECT SCOPE MODIFICATION  
 \_\_\_\_\_ **XXX** BUDGETARY GUIDELINE REVISION  
 \_\_\_\_\_ SCHEDULE (or) STATUS REVISION  
 \_\_\_\_\_ CLOSE COMPLETED PROJECT

	G.O. BONDS	CAPITAL RESERVES-L.O.I.	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$4,996,000		
<b>BUDGET INCREASE</b>	<b>\$1,225,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$ 6,221,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$6,221,000</b>		

**SOURCE DESCRIPTION:** \$1,225,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** This project supports upgrades to Water & Sewer Systems area-wide with equipment procurement; including pumps, equipment, and improved system-wide component replacements, as prioritized by Public Works. **2025-10 funding is intended to purchase new Programmable Logic Controllers (PLC's), Human-Machine Interfaces (HMI's), Tank Level Sensors, Tank Transfer Pumps, Variable Speed Drives (VFD's), Tank Transfer Pumps, Vacuum Pumps, Raw Water Pump Generators, vacuum pumps, lift station pumps, service barrel pumps and major components, micro, nano and reverse osmosis filter skid major components, and water treatment equipment.**

**JUSTIFICATION:** The equipment is needed for the safe operation and maintenance of the ~~new~~ Village Water & Sewer Systems. This project will provide for major replacement components, and equipment required to maintain the W/S systems area-wide. Updated equipment will result in reduced M & O costs.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-128

CIP PROJECT TITLE: AW WWTP Controls Upgrade

THIS IS A: \_\_\_\_\_ NEW PROJECT  
 \_\_\_\_\_ **XXX** PROJECT SCOPE MODIFICATION  
 \_\_\_\_\_ **XXX** BUDGETARY GUIDELINE REVISION  
 \_\_\_\_\_ SCHEDULE (or) STATUS REVISION  
 \_\_\_\_\_ CLOSE COMPLETED PROJECT

	G.O. BONDS	CAPITAL RESERVES–L.O.I.	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$1,141,000		
<b>BUDGET INCREASE</b>	<b>\$160,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$1,301,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$1,301,000</b>		

**SOURCE DESCRIPTION: \$160,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project is intended to upgrade the processes at the wastewater treatment plants in all villages. Specific upgrades are: equalization tank level control upgrades, and recycled activated sludge (RAS) metering and instrumentation upgrades. 2023-10 funding is intended for work in AKP. 2024-10 Funding is intended for work in Point Lay. **2025-10 funding is intended for Point Hope.**

**JUSTIFICATION:** The wastewater treatment plant operations will benefit by upgrading some of the processes with more modern equipment, replacing time-consuming manual processes. These upgrades will improve the efficiency of the treatment process and help eliminate process upsets. **The upgrades will also aid in preventing plant overflows.**

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-129

CIP PROJECT TITLE: Vacuum Service Connection Upgrade

THIS IS A : \_\_\_\_\_ NEW PROJECT

XXX \_\_\_\_\_ **PROJECT SCOPE MODIFICATION**

XXX \_\_\_\_\_ **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	G.O. BONDS	CAPITAL RESERVES–L.O.I.	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$3,003,000		
<b>BUDGET INCREASE</b>	<b>\$2,931,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$5,934,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$5,934,000</b>		

**SOURCE DESCRIPTION:** \$2,931,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** This project is for design and construction of upgrades to vacuum sewer and water connections in all vacuum villages. 2024-10 Funding will address Nuiqsut. **2025-10 funding is intended for Nuiqsut and Atqasuk.**

**JUSTIFICATION:** Several connections in each community are experiencing more frequent service loss, including reverse graded sewer lines, freeze-ups, and leaks. These require substantial effort by operations to maintain. This capital project will improve services to residents and reduce operating costs. **Nuiqsut school service requires a second vacuum vault to handle the load from the school lift stations and the Atqasuk 8-Plex vacuum vault requires a permanent solution to prevent it from floating out of the ground.**

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 60-130

CIP PROJECT TITLE: BUS WWTP Membranes Upgrades

THIS IS A: \_\_\_\_\_ NEW PROJECT  
 \_\_\_\_\_ **XXX** PROJECT SCOPE MODIFICATION  
 \_\_\_\_\_ **XXX** BUDGETARY GUIDELINE REVISION  
 \_\_\_\_\_ SCHEDULE (or) STATUS REVISION  
 \_\_\_\_\_ CLOSE COMPLETED PROJECT

	G.O. BONDS	CAPITAL RESERVES–L.O.I.	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$5,711,000		
<b>BUDGET INCREASE</b>	<b>\$4,800,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$10,511,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$10,511,000</b>		

**SOURCE DESCRIPTION:** \$4,800,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** This project will replace the existing polymeric flat plate water treatment membranes at the BRW WWTP. 2024-10 Funding will provide for work on MBR basin issues including aeration. **2025-10 funding is intended to upgrade the equalization tank & membrane bioreactor basin aeration systems for the BUS WWTP.**

**JUSTIFICATION:** The membranes are nearing the end of their service life. The manufacturer no longer produces these membranes and recommends upgrading with the current technology Silicon Carbide ceramic membranes. **This project will allow BUECI to continue providing wastewater treatment to Utqiagvik and to reduce O&M costs.**

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 60-132

**CIP PROJECT TITLE:** AIN Septage Receiving Station

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>0</b>		
<b>BUDGET INCREASE</b>	<b>\$2,500,000</b>		
<b>BUDGETARY DECREASE</b>			
<b>TOTAL CURRENT BUDGET</b>	<b>\$2,500,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$2,500,000</b>		

**SOURCE DESCRIPTION:** \$2,500,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is intended for a septage receiving station that is needed to modify the process so that these two waste streams can be combined and treated in the existing wastewater treatment process.

**JUSTIFICATION:** The WWTP is not capable of processing the holding tank and the honey bucket wastewater. The increasing number of holding tanks in Wainwright will exceed the capacity of the existing unpermitted lagoons. The SRS will be able to pretreat the wastewater for blending into the WWTP.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 60-133

**CIP PROJECT TITLE:** BUS Pump Station 1

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$900,000</b>		
<b>BUDGETARY DECREASE</b>			
<b>TOTAL CURRENT BUDGET</b>	<b>\$900,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$900,000</b>		

**SOURCE DESCRIPTION:** \$900,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is for structural deck upgrade to Pump Station 1 services to prevent failure in the facility. The deck supports the mechanical equipment for the pump station.

**JUSTIFICATION:** This project is necessary to ensure wastewater collection continues uninterrupted on the Barrow side of Utqiagvik. The Barrow Utility System Pump Station 1 was reported in 2015 as having degraded outer decks that enclose the top of the lower utilidor access and wet well, as well as support the upper mechanical building. The deck is constructed of untreated plywood and glulams that are rotted and concrete that is weather from years of exposed service.

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Sewage Tanks

LOCATION: Areawide

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	60107	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$5,300,722
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$2,500,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
This request is for 10 holding tanks to be used for emergency installations in all communities. These tanks will be installed when a below ground service fails, and a below ground repair is too expensive or not recommended.

The breakdown of tanks per village is below.

AKP: 3 ATQ: 2 KAK: 4 NUI: 2 PHO: 1 PIZ: 7 UTQ: 2 AIN: 9

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

> \$5,300,722

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$
Professional Services (design, legal, other)	A/E Design Services	20%	\$669,283

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Sewage Tanks

LOCATION: Areawide

<b>Construction/Acquisition</b> (anticipated costs)	Construction	Recent pricing	\$3,364,415
<b>Administration</b> (NSB project management)	CIPM Admin	10%	\$401,570
<b>Contingency</b> (if not included in other line items)	20%		\$883,454
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$5,300,722</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤  CIP Project Number: 60-107.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ The cost per village is AKP \$ 147,800, ATQ \$ 147,800, KAK \$ 147,800, NUI \$ 147,800, PHO \$ 147,800, PIZ \$ 147,800, AIN \$ 295,600, UTQ \$ 295,600.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ \$1,478,000

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ Failed sewer services threaten the health and safety of communities. Sewage backups into homes result in increased health risks, and they force residents to go back to honey bucket use. Repair of the buried pipe cannot happen on an emergency basis. Providing sewer holding tanks for each home is a less expensive alternative while still providing basic sanitation services.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤ This project will eliminate operating and maintenance costs of existing failing piped sewer systems but increase the truck haul system costs.

Indicate if this is a reoccurring upgrade or repair.

- This will be a re-occurring request until tanks are installed on problematic services or until programmed collection system upgrades are made.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Severe subsidence in portions of the Point Lay is causing failure of the piped sewer system. Tanks are needed in other communities to prevent sewer spills.

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No

Yes  (If Yes, include written verification)

Explanation, if necessary:

- From the 18-041 Areawide Alternatives to Direct Bury Water & Sewer PAR: A long term solution is needed to stabilize the water and sewer system to account for village conditions.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- From the 18-041 Areawide Alternatives to Direct Bury Water & Sewer PAR: The water and wastewater systems in the NSB have exhibited reliability issues, most notably on the gravity collection systems.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Though it will increase operating costs for sewage tank hauling, this project will eliminate costly emergency repairs to the buried sewer collection system.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: 18-041 Areawide

Alternatives to Direct Bury Water & Sewer. 2013

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 18-041 Areawide Alternatives to Direct Bury Water & Sewer.

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Sewage Tanks  
LOCATION: Areawide

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner  
Date: 2025.02.24 15:20:02 -09'00'

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: AW Sewage Lagoon Upgrades Ph II

LOCATION: Atqasuk, Kaktovik Wainwright

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	60111	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$3,596,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$3,596,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

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1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

The proposed project includes upgrades to existing honeybucket lagoons to enhance treatment capability of the lagoons and bring annual lagoon discharges into compliance with DEC regulations.

Atqasuk: Convert the existing single cell lagoon into two cells to provide adequate treatment. Bid at \$6,920,000

Kaktovik: Modify the existing two cell lagoon to address grade issues and fence issues to add capacity.  
Estimated at \$2,382,000

Wainwright: Increase capacity of existing cells by raising embankment by 2 feet.

\$4,900,000 was funded in 2017.

\$300,000 was funded in 2018

2,120,000 was funded in 2024.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

This project request is for funds for Kaktovik and Wainwright: \$3,596,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	s		\$
<b>Construction/Acquisition</b> (anticipated costs)	Construction	Engineers Estimate balance of funds needed	\$3,596,000
<b>Administration</b> (NSB project management)	CIPM Admin	10%	\$
<b>Contingency</b> (if not included in other line items)	25%		\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$3,596,000
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ CIP Project Number: 60111.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ Kak - \$2,381,700, AIN - \$1,214,000

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ Project could be phased per KAK and AIN individually.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:



**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ The NSB does not currently have permit coverage to perform required annual discharge of the lagoons. Discharge sampling records indicate that the current lagoons are not capable of adequate treatment within permit thresholds. DEC has indicated that it does not intend to issue permit

coverage for single cell lagoons unless there is evidence that they meet permit requirements. DEC may issue violations if the discharges are not permitted and performed in accordance with regulations.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will not expand services and will not result in increased operating and maintenance costs.

Indicate if this is a reoccurring upgrade or repair.

- This is not a recurring upgrade or repair.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- No formal violations have been issued; however, annual discharge of the honeybucket lagoons are not eligible to obtain coverage from DEC under the general permit until improvements are made.

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Lagoon discharges exceed general permit thresholds for pH, BOD, TSS, and/or fecal coliforms..

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- It will keep the NSB from being fined by ADEC for unauthorized discharges.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: 2011-22 Village Sewer Lagoons Upgrades

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: AW Sewage Lagoon Upgrades Ph II  
LOCATION: Atqasuk, Kaktovik Wainwright

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

<b>Requestor Signature:</b> 	<b>Date:</b> 2/20/2025
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**Department Director Name:** Scott K. Danner, Public Works Director

<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:19:32 -09'00'	<b>Date:</b>
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**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

•

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

•

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Outfall Upgrades

LOCATION: Areawide

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	60118	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$1,977,500
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$1,978,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

**1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
This Project Upfund Request is to add the Wainwright and Point Lay treated effluent outfalls to the existing project code for upgrade. In Wainwright, the treated effluent pipe is 2" in diameter and not large enough to keep up with higher flows coming into the wastewater treatment plant. This in turn causes the treatment plant basins to overflow. Increasing levels of infiltration and inflow into Wainwright's failing sewage collection system is the main contributor to the increased flows to the plant. It is proposed to increase the outfall pipe size to 4-inch diameter. The pipeline will also require realignment and and new easement to avoid areas where the permafrost is failing.

The Point Lay outfall has frequent freeze up issues, even with new heat trace installed. This upfund request is for an outfall piping configuration to drain and prevent freeze-up.

**2. DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.  
➤ Upfund request of \$1,977,500 Wainwright \$1,647,500 Point Lay \$330,000

**3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	A/E Design Services	12%	\$120,000
<b>Construction/Acquisition</b> (anticipated costs)	Construction	Recent pricing	\$1,300,000
<b>Administration</b> (NSB project management)	CIPM Admin	10%	\$142,000
<b>Contingency</b> (if not included in other line items)	25%		\$390,000
<b>Other Costs</b> (with description)	Other easements (8% of land value plus easement)		\$25,000
<b>TOTAL</b>			\$1,977,500
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ CIP Project Number: 60-118.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ N/A

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ \$

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ The failing sewer collection system in Wainwright is subject to increasing amounts of infiltration and inflow, which in turn puts a greater load on the wastewater treatment plant. The outfall pipe is now sized too small to handle the flow through the plant. In order to prevent overflow spills at the

treatment plant, a larger diameter outfall pipe is necessary. This upgrade will also support future community growth. The Point Lay portion will restore outfall operation and allow for the discharge to be in the permitted location.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will eliminate sewage spills at the wastewater treatment plant, which are recordable violations of the plant's effluent permit.

Indicate if this is a reoccurring upgrade or repair.

- N/A

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Both Wainwright and Point Lay have received violations from ADEC that included the outfall pipelines and discharge locations. There are increasing numbers of reportable spills within the plant due to higher flows coming into the plant and the inability of the discharge pipe to handle the higher flows out of the plant. On several occasions the spills have gone outside the plant, a violation of the plant's discharge permit. The spill outside of the plant have impacted adjacent private property.

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- From the 18-041 Areawide Alternatives to Direct Bury Water & Sewer PAR: A long term solution is needed to stabilize the water and sewer system to account for village conditions.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- From the 18-041 Areawide Alternatives to Direct Bury Water & Sewer PAR: The water and wastewater systems in the NSB have exhibited reliability issues, most notably on the gravity collection systems.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Replacing the outfall line with a larger diameter pipe will lessen the maintenance needed to prevent sewer spills in the wastewater treatment plant.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: 18-041 Areawide Alternatives to Direct Bury Water & Sewer. 2013

Attach a copy of an executive summary, if possible.



REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Outfall Upgrades  
LOCATION: Areawide

10. **ATTACHMENTS:** List any supplemental information submitted with this request.

- 18-041 Areawide Alternatives to Direct Bury Water & Sewer.

11. **ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

- 

REQUESTOR INFORMATION	
<b>Requestor Name and Title:</b> L. Eben Brower, Water & Sewer System Manager	
<b>Requestor Signature:</b> 	<b>Date:</b> 2/20/2025
<b>Department Director Name:</b> Scott K. Danner, Public Works Director	
<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:19:46 -09'00'
	<b>Date:</b>

<u>NSB PLANNING DEPARTMENT USE ONLY</u>
<b>Summary of PRC and Planning Commission discussion and recommendation:</b> <ul style="list-style-type: none"><li>•</li></ul>
<b>Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):</b> <ul style="list-style-type: none"><li>•</li></ul>

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Heat Trace Panel Upgrades

LOCATION: Areawide

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	60119	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$5,400,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$2,200,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
Heat trace service panels and service control panels are reaching the end of their service life in the villages. These panels are corroded and present a safety hazard to workers and residents. These panels and associated connections will need to be replaced.

Funded - Kaktovik - There are 113 service panels in Kaktovik that are in a similar state of corrosion and unsafe condition. This project is designed and existing funds will be used for construction in 2025.

Wainwright - Because of increasingly deteriorating condition of the electrical service panels in Wainwright, the panels for 183 homes need to be replaced. Design is completed. \$1M Existing funds in code for Wainwright and we are seeking the balance of construction funds.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.  
Total Wainwright estimate \$5,400,000  
Existing funds \$1,000,000 remaining after Kaktovik completed  
Wainwright Request \$4,400,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	A/E Design Services	8%	\$316,000
<b>Construction/Acquisition</b> (anticipated costs)	Construction	Recent Kaktovik Pricing	\$3,953,000
<b>Administration</b> (NSB project management)	CIPM Admin	10%	\$426,000
<b>Contingency</b> (if not included in other line items)	15%		\$705,000
<b>Other Costs</b> (with description)	Existing Funds		-\$1,000,000
<b>TOTAL</b>			\$4,400,000
<b>TOTAL PROJECT COST (if different)</b>			\$5,400,000

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- CIP Project Number: 60119. This is a **phased project**. This upfund request might be phased over an additional 2 years, but service interruptions might occur with greater frequency prior to the second and third phases being completed.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- This is a project request for repairs and replacement of service control panels in Wainwright and if funded would be completed in 2026. Point Hope was completed in 2021 and Kaktovik will be completed in 2025, with other villages to follow in future years.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- If the project request is not fully funded this year, it could be funded at \$2,000,000 in 2025 and \$2,400,000 in 2026.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- Due for replacement in 2010.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Boxes have reached their useful life expectancy in the existing environment. Corroded panels potentially expose residents and North Slope personnel to 110V and 230V wiring that is unprotected. In addition, the panels are corroded shut and require hammering to open, which further damages the panels.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- No expansion. Operating and maintenance costs will be reduced due to reduced maintenance and service interruptions.

Indicate if this is a reoccurring upgrade or repair.

- Project will reoccur until all identified services are upgraded.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Assessment report was produced during the fall of 2023 to establish the prior list for work and rank safety concerns.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: Point Hope Heat Trace Panel Upgrades; October 2017. Additional site assessment memo's available.

Attach a copy of an executive summary, if possible.



**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- Point Hope Heat Trace Panel Upgrades Phase 1 - PDC November 2017.

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Heat Trace Panel Upgrades  
LOCATION: Areawide

11. **ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION		
<b>Requestor Name and Title:</b> L. Eben Brower, Water & Sewer System Manager		
<b>Requestor Signature:</b> 		<b>Date:</b> 2/20/2025
<b>Department Director Name:</b> Scott K. Danner, Public Works Director		
<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:19:18 -09'00'	<b>Date:</b>

<u>NSB PLANNING DEPARTMENT USE ONLY</u>	
<b>Summary of PRC and Planning Commission discussion and recommendation:</b>	
•	
<b>Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):</b>	
•	

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: BUS Pump Station 5 Upgrades

LOCATION: Barrow

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	60120	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$9,844,924
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$1,942,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This project request is to upgrade Pump Station 5 on Simmons Hill to increase the capacity of the pump station as well as upgrading the wet well. The Top of the World Hotel has increased the wastewater demand of Pump Station 5 significantly. The pump station is considered at capacity by the operators, BUECI.

The wet well in the pump station is deteriorating and severely corroded. Due to the increased load from the hotel, the wet well cannot be taken out of service for inspection or maintenance as previously performed by BUECI.

The proposed scope is replacement of Pump Station 5 with a facility similar to Pump Station 9 on Sakeagak Street.

Upsizing the lift station will allow for recent developments on Paneatak Road to eliminate the planned septic tanks in favor of buried collection piping.

\$303,000 in design funding 2016

\$2,227,000 upfund in 2019

\$1,042,000 upfund in 2021

\$1,212,000 upfunded in 2023

\$2,530,000 upfunded in 2024

Updated Engineering cost estimates came in higher than expected; hence this upfund request.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

Total Project Costs \$9,844,924

This upfund request \$1,942,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)		Contract Value	\$1,262,111
<b>Construction/Acquisition</b> (anticipated costs)	Construction	Engineers Estimate 2/2025	\$6,906,200
<b>Administration</b> (NSB project management)	CIPM Admin	10%	\$781,620
<b>Contingency</b> (if not included in other line items)	10%		\$894,993
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$
<b>TOTAL PROJECT COST (if different)</b>			\$9,844,924

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤ \$1,942,000 to allow the project to proceed to bidding and construction.

5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ CIP Project Number: 60-120

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤

6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ Pump Station 5 is undersized for the expanded services that it now serves.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Funding this project will perform much needed upgrades to function Pump Station 5. Upgrading the lift station will size the facility for the current and future demands, as well as use materials that are less maintenance intensive.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Power consumption may increase due to the potential for increased pump motor sizing. Maintenance on the facility would be reduced however.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- No risk assessment has been conducted; however, this facility could be considered vital to the BUS function. It services a small area with a high occupancy density due to the hotel and two restaurants in the area. Impacts to the Pump Station 5 function will have negative impacts to the Utqiagvik economy.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- The facility improvements are expected to be near net zero for operating budget impacts.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.



**10. ATTACHMENTS:** List any supplemental information submitted with this request.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: BUS Pump Station 5 Upgrades  
LOCATION: Barrow

11. **ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



<b>REQUESTOR INFORMATION</b>		
<b>Requestor Name and Title:</b> L. Eben Brower, Water & Sewer System Manager		
<b>Requestor Signature:</b> 		<b>Date:</b> 2/20/2025
<b>Department Director Name:</b> Scott K. Danner, Public Works Director		
<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:21:28 -09'00'	<b>Date:</b>

<b><u>NSB PLANNING DEPARTMENT USE ONLY</u></b>	
<b>Summary of PRC and Planning Commission discussion and recommendation:</b> •	
<b>Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):</b> •	

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide WWTP Upgrades

LOCATION: Areawide

***NSB PLANNING DEPARTMENT USE ONLY***

TEMPORARY/CIP PROJECT NO.:	60122	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$47,161,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$3,400,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This request is to upgrade process, process control, and process monitoring systems in Anaktuvuk Pass, Atqasuk, Kaktovik, Nuiqsut, Point Hope, Point Lay, and Wainwright.

The Point Hope, Wainwright, and Atqasuk plants are at or near their hydraulic limit. Point Hope and Wainwright have received NOVs, and no new service connections can be constructed in Atqasuk without a wastewater plant upgrade. All plants have obsolete control and monitoring systems which are past their useful life, and need replacement. All plants would also benefit from standardized process upgrades to improve compliance and effluent safety. Recent inspections on the tanks in 5 of the villages has show significant corrosion, thin tank walls, with failure imminent. The cost to rehabilitate the tank walls is extremely expensive and the is similar to the costs to completely replace the plants with new package plants.

It is estimated that installing new package plants within the current wastewater treatment building will cost \$4-6,000,000 per village. The priority is to replace the plants in Point Hope, Wainwright and Atqasuk first.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

Atqasuk \$5,341,000

Wainwright \$8,011,500

Point Hope \$8,011,500

**3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Design, Permitting CA		\$2,240,000
<b>Construction/Acquisition</b> (anticipated costs)	Package Plants		\$14,000,000
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$1,624,000
<b>Contingency</b> (if not included in other line items)	25% of Construction		\$3,50,000
<b>Other Costs</b> (with description)	Existing Funds		\$-4,500,000
<b>TOTAL</b>			<b>\$16,864,000</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$47,161,000</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ CIP Project Number: 60122.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ This years costs PHO: \$8,011,500; ATQ: \$5,341,000; KAK: \$5,341,000; AIN: \$8,011,500; NUI: \$6,000,000;

➤ PIZ: \$5,341,000; AKP: \$5,341,000

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ Phase 1 - Total \$21,364,000 ( AIN: \$8,011,500, PHO: \$8,011,500, ATQ: \$5,341,000 ) Phase 2 - Total \$14,020,000 (KAK: \$5,610,000, NUI: \$8,410,000) Phase 3 - Total \$11,780,000 (AKP: \$5,890,000, PIZ: \$5,890,000)

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ Replacement of the current wastewater treatment plants with new package plants will prevent catastrophic failure of the tanks, will provide appropriate levels of sewage treatment, eliminating

NOVs, and will be able to handle future community growth. New package plants will provide reliable regulatory compliance, improved service, and a decrease in O&M costs.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Replacing the aging wastewater treatment plants with new package plants will eliminate the failure of the current tanks, and will provide appropriate levels of treatment, improving regulatory compliance, and greatly reduce maintenance costs.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- The new package plants will greatly decrease operating and maintenance costs.

Indicate if this is a reoccurring upgrade or repair.

- This is not a reoccurring upgrade.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- ADEC Discharge Permit Violations and tightened discharge limits.

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No

Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Anticipated cost savings for all seven plants is \$210,000 or less per year.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.



**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide WWTP Upgrades  
LOCATION: Areawide



REQUESTOR INFORMATION	
<b>Requestor Name and Title:</b> L. Eben Brower, Water & Sewer System Manager	
<b>Requestor Signature:</b> 	<b>Date:</b> 2/20/2025
<b>Department Director Name:</b> Scott K. Danner, Public Works Director	
<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:21:15 -09'00'
	<b>Date:</b>

<u>NSB PLANNING DEPARTMENT USE ONLY</u>
<b>Summary of PRC and Planning Commission discussion and recommendation:</b> <ul style="list-style-type: none"><li>•</li></ul>
<b>Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):</b> <ul style="list-style-type: none"><li>•</li></ul>

REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: Areawide Sewer System Upgrade  
 LOCATION: Areawide

<b><u>NSB PLANNING DEPARTMENT USE ONLY</u></b>			
TEMPORARY/CIP PROJECT NO.:	60123	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$2,400,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$2,400,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
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3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - The project covers proactive upgrades and improvements that impact the public utility's ability to provide services. Without the upfund, the NSB would incur greater costs in labor, equipment, and energy resources. Proactively implementing upgrades to the system will significantly reduce the costs spent on emergency repairs in the future.
  
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.  
 \$2,400,000  
 AKP: \$300,335 ATQ: \$171,620 KAK: \$303,017 NUI: \$372,737 PHO: \$635,531 PIZ: \$155,531 AIN: \$461,229

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	10% of Construction Budget		\$200,000

<b>Construction/Acquisition</b> (anticipated costs)	Breakdown per village is budgeted as follows, based on each system's size and complexity.		\$2,000,000
<b>Administration</b> (NSB project management)	10% of Construction Budget		\$200,000
<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$2,400,000</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ This project cannot be phased.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ AKP: \$300,335 ATQ: \$171,620 KAK: \$303,017 NUI: \$372,737 PHO: \$635,531 PIZ: \$155,531 AIN: \$461,229

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ This project funds upgrades to components experiencing unexpected failure and which are not on the Repair and Replacement Schedule.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ This project will improve the service levels by replacing older/damaged equipment.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤ This will not.

Indicate if this is a reoccurring upgrade or repair.

➤ This will not.

Detail outside funds being leveraged, if applicable.

➤ Not applicable.

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Sewer System Upgrade  
LOCATION: Areawide

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner  
Date: 2025.02.24 15:20:59 -09'00'

**Date:**

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Sewer System Upgrade

LOCATION: Areawide

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: BUS System Repairs & Upgrades  
 LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	60125	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$13,300,812
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$4,050,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

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**Incomplete or unsigned requests are unacceptable and will be returned.**

**1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

- Pump Station Sewage Pumps & Motors Upgrades
- New Inline Heat Traces & Above Ground Heat Traces & Controller Boxes / For Sewer Lines
- New 5,000 gal Flush Truck
- WRP Glycol Pump Upgrades
- 2 Portable Generators for pump stations
- Insulate New Storage Tent And Run Gas Line For Heater
- Hydro Tech Jetter Trailer
- Water And Sewer upgrades
- JCB Teleskid
- WWTP floor coating
- WWTP crane Upgrade
- WWTP pumps & motors
- Pump Station 2 upgrades
- 6 pickups

**2. DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

Pump Station Sewage Pumps & Motors Upgrades total= \$266,200

New Inline Heat Traces & Above Ground Heat Traces & Controller Boxes / For Sewer Lines total= \$124,127

New 5,000 gal Flush Truck total= \$468,420

WRP Glycol Pump Upgrades total= \$60,500

2 Portable Generators for pump stations total= \$287,496  
 Insulate New Storage Tent And Run Gas Line For Heater total= \$124,127  
 Hydro Tech Jetter Trailer total= \$85,547  
 Water And Sewer upgrades= \$3,025,000  
 JCB Teleskid= \$193,590  
 WWTP floor coating= 178,877  
 WWTP crane Upgrade= \$272,250  
 Mainline and Service Upgrades \$4,235,000  
 WWTP pumps & motors= \$65,374  
 Pump Station 2 \$4,275,460  
 6 Pickups \$639,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)			\$12,560,875
<b>Administration</b> (NSB project management)			\$828,542
<b>Contingency</b> (if not included in other line items)			\$911,395
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$13,300,812</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ 60125

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ NA

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ NA

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- In order to Maintain existing level of service to all BUS customers, on going repairs and upgrades are required. This is necessary to maintain the large capital investment to the Borough has made in building and expanding the BUS system. Replacing large motors, pumps and other supporting equipment on regular preventative maintenance schedule reduces the cost and time to the operators, versus making the same type of repairs on an emergency basis.

➤

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤

Indicate if this is a reoccurring upgrade or repair.

➤ N/A

Detail outside funds being leveraged, if applicable.

➤ N/A

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Performing upgrades on the BUS equipment and structures will reduce emergency funding requests and ensure continued utility service.

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: BUS System Repairs & Upgrades

LOCATION: Utqiagvik

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/21/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner

Date: 2025.02.24 15:20:16 -09'00'

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

•

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

•

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Water & Sewer Equipment

LOCATION: Anaktuvuk Pass, Atqasuk, Kaktovik, Nuiqsut, Point Hope, Point Lay, and Wainwright.

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	60126	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$1,225,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$1,225,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

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2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - This project will provide for equipment to maintain the Village Water & Sewer Systems. This request would secure enough capital funds to purchase new Programmable Logic Controllers (PLC's), Human-Machine Interfaces (HMI's), Tank Level Sensors, Tank Transfer Pumps, Variable Speed Drives (VFD's), Tank Transfer Pumps, Vacuum Pumps, Raw Water Pump Generators, vacuum pumps, lift station pumps, service barrel pumps and major components, microfilter skid major components, and water treatment process cleaning filters. These purchases are necessary to improve the overall plants operating efficiencies.
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - Total cost: \$1,225,000.
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Water & Sewer Equipment

LOCATION: Anaktuvuk Pass, Atkasuk, Kaktovik, Nuiqsut, Point Hope, Point Lay, and Wainwright.

<b>Construction/Acquisition</b> (anticipated costs)		Vendor quotes, engineer estimates, historic costs	\$1,012,000
<b>Administration</b> (NSB project management)	CIPM Admin 10%		\$101,200
<b>Contingency</b> (if not included in other line items)	Contingency 10%		\$111,320.00
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$1,225,000</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ CIP Project Number: 60126

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ This is a reoccurring request for equipment replacement.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ This project will be used to replace equipment that fails in advance and on schedule of the NSB Repair and Replacement Schedule.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ The equipment is needed for the safe operation and maintenance of the Village Water & Sewer System. This project will provide for major replacement components, and equipment required to maintain the Water & Sewer systems areawide. Updated equipment will result in reduced O & M costs.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤ This will not expand facilities. New replacement equipment should reduce O&M costs.

Indicate if this is a reoccurring upgrade or repair.

➤

Detail outside funds being leveraged, if applicable.

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Water & Sewer Equipment

LOCATION: Anaktuvuk Pass, Atkasuk, Kaktovik, Nuiqsut, Point Hope, Point Lay, and Wainwright.



**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Performing upgrades on the equipment will reduce emergency funding requests and ensure continued utility service.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.



**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

<b>Requestor Signature:</b> 	<b>Date:</b> 2/20/2025
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**Department Director Name:** Scott K. Danner, Public Works Director

<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:24:00 -09'00'	<b>Date:</b>
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REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide Water & Sewer Equipment

LOCATION: Anaktuvuk Pass, Atqasuk, Kaktovik, Nuiqsut, Point Hope, Point Lay, and Wainwright.

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: Areawide WWTP Controls Upgrades  
 LOCATION: Areawide

NSB PLANNING DEPARTMENT USE ONLY			
TEMPORARY/CIP PROJECT NO.:	60128	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$1,631,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$160,000

NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
**CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 This project requests funds to upgrade some of the processes at the wastewater treatment plants in all seven villages. Specific upgrades are: equalization tank level control upgrades, and recycled activated sludge (RAS) metering and instrumentation upgrades. These upgrades are required to restore existing failed flow control devices, and improving the RAS transfer data so that operators can better operate the processes and improve treatment.

Kaktovik and Wainwright have been upgraded; Atqasuk, Anaktuvuk Pass, and Point Lay have been funded and Point Hope partially funded. This request is for Nuiqsut and the rest of the funds for Point Hope.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ Project request: \$490,000: Nuiqsut \$330,000 and Point Hope \$160,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$

<b>Professional Services</b> (design, legal, other)	Design/construction administration services		\$80,000
<b>Construction/Acquisition</b> (anticipated costs)	Equipment purchase & installation		\$400,000
<b>Administration</b> (NSB project management)	CIPM Admin @10% Total		\$48,000
<b>Contingency</b> (if not included in other line items)	@25%		\$132,000
<b>Other Costs</b> (with description)	Point Hope partial funding		\$-170,000
<b>TOTAL</b>			\$490,000
<b>TOTAL PROJECT COST</b> (if different)			\$1,631,000

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ This request could be phased over four years.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ Project costs for each village: \$330,000.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ Phase 1 Funded for Point Hope at \$170,000. Phase 2 funding for Wainwright and Atqasuk at \$416,000. Phase 3 funding for Anaktuvuk Pass at \$225,000. Phase 4 funding for Point Lay at \$330,000. Phase 5 funding for Nuiqsut and Point Hope at \$490,000.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ Upgrading plant equipment will improve plant performance and help eliminate plant permit violations.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ The wastewater treatment plant operations will benefit by upgrading some of the processes with more modern equipment, replacing time-consuming manual processes. Existing processes rely on operators manual setting valves to control flow, measuring wastewater flow rates with a collection bucket and stop watch and iterating the valve adjustment and bucket measurement to achieve a design process flow. Pumps are manually operated, instead of allowing automated control to

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Areawide WWTP Controls Upgrades

LOCATION: Areawide

equalize plant flow. These upgrades will improve the efficiency of the treatment process and help eliminate process upsets. The upgrades will also aid in preventing plant overflows.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- The project does not expand facilities, and will likely provide a minor benefit to the O&M budget.

Indicate if this is a reoccurring upgrade or repair.

- This project is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No

Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- This project is a one-time upgrade.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide WWTP Controls Upgrades  
LOCATION: Areawide

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner  
Date: 2025.02.24 15:23:17 -09'00'

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: Vacuum Service Connection Upgrades  
 LOCATION: Atqasuk, Kaktovik, Nuiqsut, and Point Hope

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	60-129	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$2,931,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$2,931,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

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3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 This project is for design and construction of upgrades to vacuum sewer and water connections in all vacuum villages. The new design will incorporate lessons learned from the last 20 years of service connection operations and maintenance. The primary features of the new design will include:
  - separation of water and sewer components
  - isolation of electrical components
  - improved access for jetting operations
  - reduction of differential movement problems

In addition, the vacuum vault at the Nuiqsut school lift stations were upgraded and not the wastewater flow easily overwhelms the existing vacuum vault. This request includes a second vacuum vault that will take half the load going to the existing vacuum vault, eliminating frequent sewer spills at the school that are reportable to ADEC.

The Atqasuk 8-plex vacuum vault became bouyant from ground water and floated out of its buried position. This request includes an update to design a concrete ballast that will keep it in place, ensuring uninterrupted service to the families in the 8-plex.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - > This Request is for \$2,931,000: Nuiqsut \$2,441,000 Atqasuk \$490,000

**3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Design/construction administration services	15% of construction	\$315,000
<b>Construction/Acquisition</b> (anticipated costs)	Construction	Estimate	\$2,100,000
<b>Administration</b> (NSB project management)	CIPM Admin @10% Total		\$242,000
<b>Contingency</b> (if not included in other line items)	@25%		\$604,000
<b>Other Costs</b> (with description)	NUI design funding awarded in 2024		\$-330,000
<b>TOTAL</b>			\$2,931,000
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- CIP Project Number: 60129. This request could be phased over four years.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- For the water and sewer connections:
- Kaktovik (funded): \$1,575,600      Nuiqsut: \$2,441,000 (design funded)
- Atqasuk: \$2,381,000                      Point Hope: \$1,951,000

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- 1st year Kaktovik \$1,576,000                      2nd year Nuiqsut: \$2,441,000 and ATQ 490,000
- 3rd year Atqasuk: \$1,891,000                      4th year Point Hope: \$1,951,000

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- These unique service connection systems are experiencing permafrost-related issues which were not anticipated. These issues require correction in order for the services to remain useful.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- Several connections in each community are experiencing more frequent service loss, including reverse-graded sewer lines, freeze-ups, and leaks. These require substantial effort by operations to maintain. This capital project will improve services to residents and reduce operating costs. Additionally, the Nuiqsut school service requires a second vacuum vault to handle the load from the school lift stations and the Atqasuk 8-Plex vacuum vault requires a permanent solution to prevent it from floating out of the ground.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- It will not increase operating costs but should reduce costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time project.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Yes, frequent sewer spills have occurred at the Nuiqsut school vacuum vault.

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Yes, frequent sewer spills have occurred at the Nuiqsut school vacuum vault which is located near the playground.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.



**10. ATTACHMENTS:** List any supplemental information submitted with this request.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Vacuum Service Connection Upgrades  
LOCATION: Atqasuk, Kaktovik, Nuiqsut, and Point Hope

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION		
<b>Requestor Name and Title:</b> L. Eben Brower, Water & Sewer System Manager		
<b>Requestor Signature:</b> 		<b>Date:</b> 2/20/2025
<b>Department Director Name:</b> Scott K. Danner, Public Works Director		
<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:23:46 -09'00'	<b>Date:</b>

<u>NSB PLANNING DEPARTMENT USE ONLY</u>
<b>Summary of PRC and Planning Commission discussion and recommendation:</b> <ul style="list-style-type: none"><li>•</li></ul>
<b>Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):</b> <ul style="list-style-type: none"><li>•</li></ul>

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: BUS WWTP Membrane Upgrades

LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	60130	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$15,178,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$4,800,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

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1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
Previous projects at the BRW WWTP under this code have upgraded the membrane filters, replace the butterfly valves in the membrane bioreactor with plug valves, and upgrade the influent screens and the UV disinfection system.

This project request addresses the remaining upgrades identified for the BUS WWTP the attached recommendation report. In priority of need

- Equilization Tank Blowers adds aeration to the vertical equilization tank outside of the building. When wastewater levels get too high the wastewater goes anaerobic which creates a problem for treatment.
- MBR Aeration System Upgrades provides flow meters and valves for the aeration system to improve air control and adds blower redundancy.
- Septage Screening Upgrades provides for replacement of the original septage screening equipment and associated equipment and panels.
- Solids Handling Upgrade will replace the existing belt filter press with a screw press at the BRW WWTP. The weight of the belt filter press is causing damage to the 2nd floor concrete decking that it sits on. A screw press is a much lighter machine, simpler to maintain, and the process is enclosed, eliminating much of the mess encountered with the belt filter press. The dewatered sludge cake it produces is comparable to the belt filter press.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ This project request is for \$15,178,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services	20% on construction	\$1,916,000
<b>Construction/Acquisition</b> (anticipated costs)	Effluent Heating Tank Acquisition and Installation	Engineer's Estimate	\$9,582,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$1,150,000
<b>Contingency</b> (if not included in other line items)	Contingency 20%		\$2,530,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$15,178,000
<b>TOTAL PROJECT COST (if different)</b>			\$

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ CIP Project No. 60130. No additional phases are recommended.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤

6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ Equipment is documented as at the end of life and no replacement parts are available. In order to maintain service, upgrades are required.

7. **PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project will allow BUECI to continue providing wastewater treatment to Utqiagvik.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will maintain current capacity and will reduce operating and maintenance costs.

Indicate if this is a reoccurring upgrade or repair.

- This will not be a reoccurring upgrade.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- No risk assessment has been conducted; however, this facility could be considered vital to the BUS function. It services a small area with a high occupancy density due to the hotel and two restaurants in the area. Impacts to the Pump Station 5 function will have negative impacts to the Utqiagvik economy.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- There will be a small reduction in maintenance costs due to operating new equipment.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: Draft Technical Memo - Utqiagvik WWTF Condition Assessment 12/23/23.

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- Utqiagvik Wastewater Treatment Facility\_Final\_2024\_with Appendices.

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: BUS WWTP Membrane Upgrades  
LOCATION: Utqiagvik

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner  
Date: 2025.02.24 15:23:04 -09'00'

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: BUS Pump Station 1

LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	10-NEW-02	TYPE:	New
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$14,754,960
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$900,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

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**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - The Barrow Utility System Pump Station 1 reported in 2015 as having degraded outer decks that enclose the top of the lower utilidor access and wet well, as well as support the upper mechanical building. The deck is constructed of untreated plywood and glulams that are rotted and concrete that is weather from years of exposed service. The pump station needs the deck upgraded to prevent a failure in the facility. Pump Station 1 services portions all of the Barrow side west of the Ahkovak Street and Okpik Street intersection. Portions of Okpik Street, Ahkovak Steet, Momegana Street and Nanook Street, including Barrow High School, School Bus Barn and M&O buildings, Public Works building, and Piuraagvik gravity flow into the pump station. The remainder of the area is collected by Pump Station 4 and pumped to Pump Station 1.
  - This is the final phase of upgrades started with a 2015 PAR investigating the condition of the Pump Station decks.
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - This project request is Design \$1,458,000 and CIPM \$145,800
  - Total request \$1,603,800
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services	based on existing contract for PS 2	\$1,458,000
<b>Construction/Acquisition</b> (anticipated costs)		based on PS 2 estimates	\$9,720,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$1,117,800
<b>Contingency</b> (if not included in other line items)	Contingency 20%		\$2,489,160
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$14,754,960</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- This is a new project request. The project can be phased into Design and Construction.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- This request is only for Utqiagvik.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- This project could be phased with Phase 1 design (\$1.603M) and Phase 2 Construction and Construction Administration (\$13,151M).

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- The structure is critical infrastructure that provides the sole wastewater collection for most of the Barrow side of Utqiagvik.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project is necessary to ensure wastewater collection continues uninterrupted on the Barrow side of Utqiagvik.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- No change in services, but O&M costs should be reduced.

Indicate if this is a reoccurring upgrade or repair.

- This is a one time request.

Detail outside funds being leveraged, if applicable.

- None at this time

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- However this facility was documented with rotted wood and deteriorated concrete in 2015.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- If the facility were to go offline, most of the Barrow side of Utqiagvik would not have wastewater collection.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: 2015 Barrow Utility System Pump Stations 1, 2, 3, and 4 Outer Decks, HDL Engineering.

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: BUS Pump Station 1  
LOCATION: Utqiagvik

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

<b>Requestor Signature:</b> 	<b>Date:</b> 2/20/2025
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**Department Director Name:** Scott K. Danner, Public Works Director

<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:25:34 -09'00'	<b>Date:</b>
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**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division

PROJECT NAME: Wainwright Septage Receiving Station

LOCATION: Wainwright

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	10-NEW-01	TYPE:	New
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$17,598,000
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	\$2,500,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - The Wainwright Wastewater Treatment Plant (WWTP) is not equipped to process holding tank or honey bucket wastes. A septage receiving station is needed to modify the process so that these two waste streams can be screened and aerated before transferring into the existing process. This project would be similar to those in Point Lay and Nuiqsut. A facility expansion is required to hold the new process requirement, offloading header, screens, aeration tanks and solids handling equipment. The project would need to evaluate if the existing heating system is capable of supporting the expansion or if the boilers would require increased capacity.
  -
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - This project request is for \$17,598,000.
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$

<b>Professional Services</b> (design, legal, other)	Professional Services	20%	\$2,222,000
<b>Construction/Acquisition</b> (anticipated costs)	Based on Point Lay SRS & and NUI SRS		\$11,110,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$1,333,000
<b>Contingency</b> (if not included in other line items)	Contingency 20%		\$2,933,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$17,598,000
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ This is a new project request.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤ This project is not areawide and only for Wainwright.

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ This project could be phased with Phase 1 design (\$1.4M) and Phase 2 Construction and Construction Administration (\$16,198,000).

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ Due to the instabilities in the water and sewer system, the utility is relying on wastewater holding tanks to maintain service service levels. Reliance on wastewater holding tanks is expected to increase. This facility will reduce reliance on the sewage lagoon.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ The WWTP is not capable of processing holding tank and honey bucket. The increasing number of holding tanks in Wainwright will exceed the capacity of the existing unpermitted lagoons. The SRS will be able to

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- While the facility itself will increase the operating costs for the NSB, adding an SRS in Wainwright will reduce the wear and tear on the vacuum collection truck as it will not have to drive to the Landfill between loads. More services will be able to be collected per shift, reducing the demands of the limited CDL drivers. The need for a second collection truck is postponed until significantly more holding tanks are added to the community.

Indicate if this is a reoccurring upgrade or repair.

- This is a one time request.

Detail outside funds being leveraged, if applicable.

- None at this time

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- This project dovetails with the 59163 AIN W&S Blair Street Main Upgrades, 60107 AW Sewage Tanks. Both codes are tied to permafrost degradation thus requiring changing the type of service provided in the community. This project is a supporting element to the hybrid wastewater collection model(piped water/truck haul).

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Wainwright Septage Receiving Station  
LOCATION: Wainwright

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner  
Date: 2025.02.24 15:22:48 -09'00'

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

**REQUESTING ENTITY: Public Works Water & Sewer Division**

**PROJECT NAME: Areawide Vacuum Station Upgrade**

**LOCATION: Areawide**

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	60121	TYPE:	Upfund
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

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**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
This project request will install new energy-efficient, low-maintenance vacuum station pumps in Kaktovik. Point Hope's vacuum pumps were previously funded in 2016. Nuiqsut was funded in 2021. Atqasuk was funded in 2022 and Kaktovik was partially funded in 2023.

The existing vacuum pumps are maintenance intensive and self-destruct when not properly attended. The pumps generally have had a high failure rate in village and require frequent rebuilds/replacement. In 2020 we have had two fire responses due to these pumps in Nuiqsut. There are also two sizes of the existing pumps on slope, causing parts inventory difficulties.

The nature of the existing pump design is inefficient as it uses friction to create sealed surfaces. The proposed pump does not use the sliding vane pump design and is approximately 20% more efficient per volume pumped. This means that the pump components do not wear as fast, and less power is consumed. The proposed pump can also be standardized across slope, which reduces inventory problems and increases our emergency response capacity.

The proposed project includes plumbing and electrical upgrades to complete the pump installation.

Annual anticipated cost savings per site is up to \$40,000. System reliability will also improve.

- 2. DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year’s expenditure estimate, administrative estimate, and contingency.
- Total estimate for KAK \$1,020,610
  - 2024 PRC Funds for KAK \$448,000
  - This request is for \$600,000

**3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Engineering 15%		\$105,300
<b>Construction/Acquisition</b> (anticipated costs)	Pump Upgrades and Installation	Based on PHO	\$702,000
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$81,000
<b>Contingency</b> (if not included in other line items)	@15%		\$133,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$1,021,300
<b>TOTAL PROJECT COST (if different)</b>			\$

- 4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes   
 If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.  
 ➤
- 5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes   
 If Yes, indicate name and CIP project number:  
 If this is a new request, indicate below whether this project could be phased and over how many years.  
 ➤ CIP Project Number: 60121. This project has been phased by village.  
 If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.  
 ➤  
 If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.  
 ➤ This request is for the last phase 2025 KAK \$600,000.
- 6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**  
 Is this project included in the Borough’s Repair & Replacement Schedule? No  Yes   
 If Yes, is it scheduled for replacement before 2029? No  Yes   
 If No, explain why it should be considered out of sequence:  
 ➤ New 'Mink' vacuum pumps are energy-efficient and have no oil; therefore, require much less ongoing maintenance.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- New 'Mink' vacuum pumps are energy-efficient and have no oil; therefore, require much less ongoing maintenance.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- The pumps will reduce energy consumption; are less maintenance to operate.

Indicate if this is a reoccurring upgrade or repair.

- This is a reoccurring request until the remaining two sites are upgraded.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- New pumps are energy-efficient and low-maintenance. Anticipated annual cost savings per village is \$40,000.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.



**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Vacuum Station Upgrade  
LOCATION: Areawide

**REQUESTOR INFORMATION**

**Requestor Name and Title:** L. Eben Brower, Water & Sewer System Manager

**Requestor Signature:**



**Date:** 2/20/2025

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: Areawide Wastewater Treatment Plant MCC Replacement  
 LOCATION: Areawide

<b><i>NSB PLANNING DEPARTMENT USE ONLY</i></b>			
TEMPORARY/CIP PROJECT NO.:	60131	TYPE:	Upfund
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Water & Sewer Division	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

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**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - This project seeks funding to replace all of the MCC's in the wastewater treatment plants. The existing MCC's have been in use since the late '90s and the corrosive atmosphere has damaged the components, rendering devices and wiring unusable. The maintenance costs of keeping these MCC's operating have been increasing yearly. The project has been funded as follows
  - PRC 2022 funded AKP and NUI - \$884,000
  - PRC 2023 funded PHO - \$478,000
  - PRC 2024 funded AIN - \$516,000
  
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - This project request is for Kaktovik and Atqasuk at \$1,115,000.
  
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

<b>Item</b>	<b>Description</b>	<b>Source of Cost</b> (actual cost, PAR estimate, vendor quote)	<b>Cost</b>
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services		\$88,200

REQUESTING ENTITY: Public Works Water & Sewer Division  
 PROJECT NAME: Areawide Wastewater Treatment Plant MCC Replacement  
 LOCATION: Areawide

<b>Construction/Acquisition</b> (anticipated costs)		Engineer's Estimate	\$775,900
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$84,500
<b>Contingency</b> (if not included in other line items)	Contingency 20%		\$185,800
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$1,115,000
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- CIP Project No. 60131. This project does not require phasing but it easily could be for budgetary reasons. Four phases are offered below.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- AKP/NUI \$884,400      PHO \$478,000      PIZ/AIN \$1,031,600      KAK/ATQ \$1,115,000

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:



**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- The MCC's in the wastewater treatment plants throughout the borough are all 20+ years old and it is becoming difficult and expensive to maintain their reliability.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will reduce operating costs by reducing the maintenance costs associated with keeping the existing MCC's operating reliably.

Indicate if this is a reoccurring upgrade or repair.

- This will not be a reoccurring upgrade.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:


Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.



**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION	
Requestor Name and Title: L. Eben Brower, Water & Sewer System Manager	
Requestor Signature: 	Date: 2/20/2025
Department Director Name: Scott K. Danner, Public Works Director	
Department Director Signature:	Date:

REQUESTING ENTITY: Public Works Water & Sewer Division  
PROJECT NAME: Areawide Wastewater Treatment Plant MCC Replacement  
LOCATION: Areawide

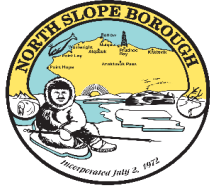
**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-



**North Slope  
Borough  
Six-Year  
Capital Plan**

	2025	2026	2027	2028	2029	2030
New GO Bond	\$200,000,000	\$414,437,832	\$254,356,000	\$166,740,000	\$65,940,000	\$64,940,000
Other (grants, private)		\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
<b>Total Program</b>	<b>\$200,000,000</b>	<b>\$429,437,832</b>	<b>\$274,356,000</b>	<b>\$186,740,000</b>	<b>\$85,940,000</b>	<b>\$84,940,000</b>
Expansion	\$61,607,000	\$171,356,222	\$94,635,000	\$57,390,000	\$9,390,000	\$23,390,000
Upgrades	\$138,393,000	\$258,081,610	\$179,721,000	\$129,350,000	\$76,550,000	\$61,550,000

Project #	Project Description	2025	2026	2027	2028	2029	2030
<b>SECTION 11 - AIRPORT TERMINAL FACILITIES</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<i>Expansion of existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$0	\$0	\$0	\$0	\$0	\$0
61-044	AREAWIDE AIRPORT UPGRADES						
61-067	ATQ AIRPORT REHABILITATION		Closing				
61-068	AW AIRPORT PASSENGER SHLTR	Closing					
61-069	AKP AIRPORT LIGHTING		Closing				

REQUESTING ENTITY: Public Works, Roads, Airports & Sanitation

PROJECT NAME: Airport Equipment Shelter

LOCATION: Areawide

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	15-NEW-02	TYPE:	New
DATE SUBMITTED:	2/21/25	AMOUNT REQUESTED:	6,642,000.00
REQUESTING ENTITY:	Public Works R.A.S.	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

- 1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This project request seeks to construct new equipment storage shelters near the airports in each NSB managed airport. The airports use grant funds to support operations, including purchasing of equipment. The FAA grants require that equipment purchased with grant funds only be used on the airport, and not for other community activities. As such a designated airport equipment shelter is needed for Anaktuvuk Pass, Atqasuk, Kaktovik, Nuiqsut, Point Lay and Wainwright. The remaining airports within the NSB are ADOT&PF run and have shelters in place for equipment.

This request also frees up O&M shop space for equipment designated for community maintenance.

This request is for insulated and heated fabric structures.
- 2. DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ This project request is for \$6,642,000
- 3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$

<b>Professional Services</b> (design, legal, other)	Professional Services	15%	\$630,000
<b>Construction/Acquisition</b> (anticipated costs)			\$4,200,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$483,000
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$1,328,250
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$6,641,250
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- This project could be phased, from 1 (design only) to 7 phases.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- The estimate for each site is approximately \$1,106,875

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- This project could be phased for one site, or all sites. Alternately, the design could be funded for the minimum cost obligation to start the project for \$831,600.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- This project is needed to house airport specific equipment outside of the PW O&M shops. This is necessary to maintain separation in equipment for grant purposes.



**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project is needed to house airport specific equipment outside of the PW O&M shops. This is necessary to maintain separation in equipment for grant purposes.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will expand the NSB footprint and increase O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

- None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- The FAA Grants support operation of the NSB infrastructure. If the grants are lost due to this designated equipment issue, the airport operation costs will be solely the responsibility of the NSB.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:


Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

REQUESTOR INFORMATION	
Requestor Name and Title: George Ahmaogak Jr.	
Requestor Signature: 	Date: 2/21/25
Department Director Name: Scott K. Danner, Public Works Director	
Department Director Signature:	Date:

REQUESTING ENTITY: Public Works, Roads, Airports & Sanitation  
PROJECT NAME: Airport Equipment Shelter  
LOCATION: Areawide

---

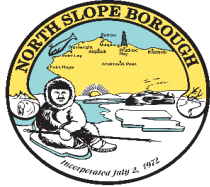
**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

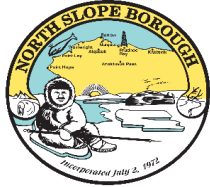
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**North Slope  
Borough  
Six-Year  
Capital Plan**

	2025	2026	2027	2028	2029	2030
New GO Bond	\$200,000,000	\$414,437,832	\$254,356,000	\$166,740,000	\$65,940,000	\$64,940,000
Other (grants, private)		\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
<b>Total Program</b>	<b>\$200,000,000</b>	<b>\$429,437,832</b>	<b>\$274,356,000</b>	<b>\$186,740,000</b>	<b>\$85,940,000</b>	<b>\$84,940,000</b>
Expansion	\$61,607,000	\$171,356,222	\$94,635,000	\$57,390,000	\$9,390,000	\$23,390,000
Upgrades	\$138,393,000	\$258,081,610	\$179,721,000	\$129,350,000	\$76,550,000	\$61,550,000

Project #	Project Description	2025	2026	2027	2028	2029	2030
<b>SECTION 13 - LIGHT, POWER AND HEATING SYSTEMS</b>		<b>\$17,250,000</b>	<b>\$39,014,360</b>	<b>\$12,250,000</b>	<b>\$9,500,000</b>	<b>\$4,250,000</b>	<b>\$1,500,000</b>
	<i>Expansion of existing programs listed below</i>	\$0	\$5,000,000	\$0	\$0	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$17,250,000	\$34,014,360	\$12,250,000	\$9,500,000	\$4,250,000	\$1,500,000
63-205	AW HAZARDOUS MATERIAL DISPOSAL	Closing					
63-222	AREAWIDE WASTE HEAT RECOVERY	TBD					
63-228	A/W TANK UPGRADE/MAJOR REPAIRS	\$7,600,000	\$7,830,960	\$8,000,000	\$8,000,000		
63-251	AW POWER GRID PRESERVATION	\$1,300,000		\$250,000		\$250,000	
63-258	AW VLG POWER DIST GRID UPGRADE	\$5,200,000	\$5,000,000	\$2,000,000		\$2,000,000	
63-260	NUI H2S GAS SCRUBBER	Closing					
63-261	FUEL TANK TRUCK LOAD RACK		\$2,000,000		Closing		
63-265	AW ELECTRICAL METERING		\$625,000			TBD	
63-270	AW STREET LIGHTING	Closing					
63-271	NUIQSUT NATURAL GAS PIPELINE	Closing					
63-274	BRW MARINE HDR RELOC PH.1*	TBD	\$5,000,000			Closing	
63-275	BRW NARL GAS PIPELINE PH.1	TBD	\$5,000,000				
63-276	BRW GAS FIELD UNIFIED UPGR			\$250,000		\$250,000	
63-278	NEW AKP POWER PLANT UPGRADE	Closing					
63-279	AW POWER GENERATION UPGRADE	\$1,500,000	\$7,058,400	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000
63-280	BGF PIG LAUNCHER PH.I	Closing					
63-281	EAST END BARROW UTILITIES INST*	Closing					
63-282	AW CATHODIC PROTECTION SYS UPG	TBD	Closing				
63-283	BUECI Centaur 1 Turbine & Gearbox Overhaul	Closing					
63-284	BUECI Switchgear Replacement			Closing			
63-285	Nuiqsut Power Plant Natural Gas Line Upgrade			Closing			
63-286	NUI Natural Gas Unified Upgrades			\$250,000		\$250,000	
63-287	250K Fuel Tank	\$1,650,000	\$6,500,000				



**North Slope  
Borough  
Six-Year  
Capital Plan**

	2025	2026	2027	2028	2029	2030
New GO Bond	\$200,000,000	\$414,437,832	\$254,356,000	\$166,740,000	\$65,940,000	\$64,940,000
Other (grants, private)		\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
<b>Total Program</b>	<b>\$200,000,000</b>	<b>\$429,437,832</b>	<b>\$274,356,000</b>	<b>\$186,740,000</b>	<b>\$85,940,000</b>	<b>\$84,940,000</b>
Expansion	\$61,607,000	\$171,356,222	\$94,635,000	\$57,390,000	\$9,390,000	\$23,390,000
Upgrades	\$138,393,000	\$258,081,610	\$179,721,000	\$129,350,000	\$76,550,000	\$61,550,000

Project #	Project Description	2025	2026	2027	2028	2029	2030
<b>SECTION 14 - PUBLIC SAFETY FACILITIES</b>		<b>\$21,960,000</b>	<b>\$36,780,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<i>Expansion of existing programs listed below</i>	\$21,960,000	\$26,780,000	\$0	\$0	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$0	\$10,000,000	\$0	\$0	\$0	\$0
64-116	AW F.STATN FLR RPLMT PHII	TBD	\$10,000,000				
64-124	AW FIRE DEPT EQUIPMT UPGRADE						
64-125	HELICOPTER REPLACEMENT		Closing				
64-128	AW FIRE DEPT PP&E UPGRADES						
64-131	S&R AIRCRAFT PARTS & PPE						
64-132	NSB PSO FACILITY PH1 DESIGN	TBD					
64-133	BRW PSO STAND-BY GENERATOR		Closing				
64-134	PHO S&R UPGRADES		Closing				
64-135	Police Department Software System Upgrade		Closing				
64-136	2-AW189 Helicopters	\$21,960,000	\$26,780,000	Closing			

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 64-136

**CIP PROJECT TITLE:** AW189 Helicopters

THIS IS A: \_\_\_\_\_ NEW PROJECT

\_\_\_\_\_ **XXX** PROJECT SCOPE MODIFICATION

\_\_\_\_\_ **XXX** BUDGETARY GUIDELINE REVISION

\_\_\_\_\_ JUSTIFICATION MODIFICATION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. Bonds</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$30,376,000		
<b>BUDGET INCREASE</b>	<b>\$21,960,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	<b>\$52,336,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$52,336,000</b>		

**SOURCE DESCRIPTION: \$21,960,000 in new G.O. bonds funds are being requested.**

**PROJECT DESCRIPTION:** The North Slope Borough (Borough) Search & Rescue Department (SAR) has experienced a severe lack of availability in its helicopter fleet due to the lack of manufacturer support with its primary helicopter, an aging secondary helicopter and lack of commonality across its helicopter fleet. As such, SAR has identified a need to streamline its helicopter fleet to a single manufacturer to better support the critical mission requirements of the department to improve safety, reliability, and availability. **2025-10 funding is intended for spare parts and tooling and third payment of Helicopter.**

**JUSTIFICATION:** The current helicopter fleet for SAR is experiencing severely low availability rates exposing both search and rescue volunteers and Borough residents to increased hazard due to lack of helicopter support. The new helicopter fleet will, through support and fleet commonality, provide high rates of availability insuring consistent helicopter support for volunteers and residents of the Borough.

REQUESTING ENTITY: NSB Search & Rescue

PROJECT NAME:

LOCATION: Barrow, AK

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	64136	TYPE:	Select
DATE SUBMITTED:	2/10/25	AMOUNT REQUESTED:	\$22,779,376.00
REQUESTING ENTITY:	NSB Search & Rescue	AMOUNT RECOMMENDED:	\$21,960,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

- 1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - North Slope Borough Search and Rescue has entered into contract with AgustaWestland Philadelphia Corporation (AWPC)/Leonardo Helicopters for the purchase of two (2) AW189 helicopters in the ongoing effort to streamline the NSB Search and Rescue fleet, increase availability and decrease long-term down times and costs. This request is Phase II of the funding request as outlined in the contract payment plan.
- 2. DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - Spare parts and tooling: \$9,960,376.00 Spare Parts and Tooling
  - 3<sup>rd</sup> Payment for Helicopter #1: \$6,000,000
  - 3<sup>rd</sup> Payment for Helicopter #2: \$6,000,000
  - Training for Pilots and Mechanics: \$819,000
  - **TOTAL: \$22,779,376.00**
- 3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$

REQUESTING ENTITY: Search & Rescue

PROJECT NAME:

LOCATION: 1791 Okpik St, Barrow, AK 99723

<b>Construction/Acquisition</b> (anticipated costs)			\$
<b>Administration</b> (NSB project management)			\$
<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2025?** No  Yes

If Yes, please identify how much will be needed prior to November 2025 and justify why it will be needed.

- The funding for the Spare Parts and Tooling will be needed by July 2025 as the parts and tooling package have a lead time to get ordered and reserved for NSB Search and Rescue. In addition, the 3<sup>rd</sup> payment for helicopter #1 and #2 is expected 18 months prior to the shipment of the helicopters which will be July 2025. Total amount requested before November 2025 is **\$21,960,376.00**.

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number: 64136

If this is a new request, indicate below whether this project could be phased and over how many years.



If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- This year's total request is \$22,779,376.00
- The last and final phase of the project for 2026 will be \$26,600,000.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2025? No  Yes

If No, explain why it should be considered out of sequence:



**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- The current helicopter fleet for NSBSAR is experiencing severely low availability rates exposing both search and rescue volunteers and NSB residents to increased hazard due to lack of helicopter support. The new helicopter fleet will, through support and fleet commonality, provide high rates of availability insuring consistent helicopter support for volunteers and residents of the NSB.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- N/A

Indicate if this is a reoccurring upgrade or repair.

REQUESTING ENTITY:

PROJECT NAME:

LOCATION:

➤ N/A

Detail outside funds being leveraged, if applicable.

➤ N/A

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

Requestor Name and Title: Heather Dingman, Director, Search and Rescue

Requestor Signature:



Date: 2/10/2025

Department Director Name: Heather Dingman, Director, Search and Rescue

Department Director Signature:



Date: 2/10/2025

REQUESTING ENTITY:

PROJECT NAME:

LOCATION:

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Search and Rescue

PROJECT NAME: AW189 Project

LOCATION: Barrow

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	14-136	TYPE:	Select
DATE SUBMITTED:	3/26/25	AMOUNT REQUESTED:	\$21,960,376.00
REQUESTING ENTITY:	NSB Search + Rescue	AMOUNT RECOMMENDED:	\$21,960,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

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3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - North Slope Borough Search and Rescue has entered into contract with AgustaWestland Philadelphia Corporation (AWPC)/Leonardo Helicopters for the purchase of two (2) AW189 helicopters in the ongoing effort to streamline the NSB Search and Rescue fleet, increase availability and decrease long-term down times and costs. This request is Phase II of the funding request as outlined in the contract payment plan.
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - Spare parts and tooling: \$9,960,376.00 Spare Parts and Tooling
  - 3<sup>rd</sup> Payment for Helicopter #1: \$6,000,000
  - 3<sup>rd</sup> Payment for Helicopter #2: \$6,000,000
  - **TOTAL: \$21,960,376.00**
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$
Professional Services (design, legal, other)			\$

REQUESTING ENTITY: Search and Rescue  
 PROJECT NAME: AW189 Project  
 LOCATION: Barrow

<b>Construction/Acquisition</b> (anticipated costs)			\$
<b>Administration</b> (NSB project management)			\$
<b>Contingency</b> (if not included in other line items)			\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$
<b>TOTAL PROJECT COST (if different)</b>			\$

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2025?** No  Yes

If Yes, please identify how much will be needed prior to November 2025 and justify why it will be needed.

5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number: 64136

If this is a new request, indicate below whether this project could be phased and over how many years.



If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ This year's total request is \$21,960,376.00

➤ 2026 request: \$27,419,000.00

6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2025? No  Yes

If No, explain why it should be considered out of sequence:



7. **PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ The current helicopter fleet for NSBSAR is experiencing severely low availability rates exposing both search and rescue volunteers and NSB residents to increased hazard due to lack of helicopter support. The new helicopter fleet will, through support and fleet commonality, provide high rates of availability insuring consistent helicopter support for volunteers and residents of the NSB.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤ N/A

Indicate if this is a reoccurring upgrade or repair.

➤ N/A

Detail outside funds being leveraged, if applicable.

➤ N/A

REQUESTING ENTITY: Search and Rescue

PROJECT NAME: AW189 Project

LOCATION: Barrow

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

**Requestor Name and Title:** Heather Dingman, Director, Search and Rescue

**Requestor Signature:**

**Date:** 3/25/2025

**Department Director Name:** Heather Dingman, Director, Search and Rescue

**Department Director Signature:**

**Date:** 3/25/2025

REQUESTING ENTITY: Search and Rescue

PROJECT NAME: AW189 Project

LOCATION: Barrow

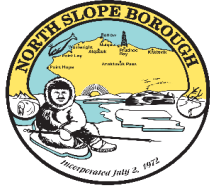
**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-



**North Slope  
Borough  
Six-Year  
Capital Plan**

	2025	2026	2027	2028	2029	2030
New GO Bond	\$200,000,000	\$414,437,832	\$254,356,000	\$166,740,000	\$65,940,000	\$64,940,000
Other (grants, private)		\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
<b>Total Program</b>	<b>\$200,000,000</b>	<b>\$429,437,832</b>	<b>\$274,356,000</b>	<b>\$186,740,000</b>	<b>\$85,940,000</b>	<b>\$84,940,000</b>
Expansion	\$61,607,000	\$171,356,222	\$94,635,000	\$57,390,000	\$9,390,000	\$23,390,000
Upgrades	\$138,393,000	\$258,081,610	\$179,721,000	\$129,350,000	\$76,550,000	\$61,550,000

Project #	Project Description	2025	2026	2027	2028	2029	2030
<b>SECTION 15 - SANITARY FACILITIES</b>		<b>\$4,428,000</b>	<b>\$19,784,000</b>	<b>\$21,000,000</b>	<b>\$12,500,000</b>	<b>\$0</b>	<b>\$0</b>
	<i>Expansion of existing programs listed below</i>	\$0	\$10,500,000	\$0	\$2,500,000	\$0	\$0
	<i>Upgrades to existing programs listed below</i>	\$4,428,000	\$9,284,000	\$21,000,000	\$10,000,000	\$0	\$0
65-088	VILLAGE LANDFILL FENCES	TBD		Closing			
65-095	A/W REMEDIATION OF CONTAMINATE	Closing					
65-101	TOS UPGRADES	TBD		Closing			
65-104	BRW LANDFILL PH. VI		\$7,700,000	\$11,000,000			
65-105	OXBOW LANDFILL EXPANSION*		\$8,000,000				
65-107	AW LANDFILL EXPANSION		\$2,500,000		\$2,500,000		
65-109	AW DUMPSTER BIN REPLACEMT						
65-110	Old Barrow Landfill Lagoon Armor	\$3,328,000					
65-111	Barrow TOS Replacement	\$1,100,000		\$10,000,000	\$10,000,000		
65-904	Hazardous Waste Storage Facility						
65-905	Used Tire Processor		\$1,584,000				

**REQUESTING ENTITY: Public Works RAS**  
**PROJECT NAME: Old Barrow Landfill Lagoon Armor**  
**LOCATION: Areawide**

<b><u>NSB PLANNING DEPARTMENT USE ONLY</u></b>			
TEMPORARY/CIP PROJECT NO.:	15-NEW-01	TYPE:	New
DATE SUBMITTED:	2/21/25	AMOUNT REQUESTED:	3,327,500.00
REQUESTING ENTITY:	Public Works	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

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3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - The Old Barrow Landfill is closed landfill regulated by ADEC. The protective closure cap has eroded due to wind driven waves. The closure cap serves to keep animal attractions down, keep mositure out of the wastes reducing leachate generation and manage odor. The protective armor has degraded and no longer protects the underlying membrane liner and encapsulated wastes. The shoreline requires new armor in the form of armor rock to protect the shoreline along the South Salt lagoon.
  - ADEC has listed the damage as a post closure deficiency and mandated a designed workplan be completed no later April 4, 2025 with the work completed by October 17, 2025.
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year’s expenditure estimate, administrative estimate, and contingency.
  - This project request is for \$3,327,500
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

<b>Item</b>	<b>Description</b>	<b>Source of Cost</b> (actual cost, PAR estimate, vendor quote)	<b>Cost</b>
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services	21%	\$420,000

REQUESTING ENTITY: Public Works RAS  
 PROJECT NAME: Old Barrow Landfill Lagoon Armor  
 LOCATION: Areawide

<b>Construction/Acquisition</b> (anticipated costs)			\$2,000,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$242,000
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$665,500
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$3,327,500
<b>TOTAL PROJECT COST (if different)</b>			\$

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes   
 If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.  
 ➤ \*\*\*\*\*Funds are needed in advance of the normal LOI cycle to meet the ADEC compliance schedule beginning April 4, 2025.\*\*\*\*\*
5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes   
 If Yes, indicate name and CIP project number:  
 If this is a new request, indicate below whether this project could be phased and over how many years.  
 ➤ This project cannot be phased.  
 If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.  
 ➤  
 If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.  
 ➤
6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**  
 Is this project included in the Borough’s Repair & Replacement Schedule? No  Yes   
 If Yes, is it scheduled for replacement before 2029? No  Yes   
 If No, explain why it should be considered out of sequence:  
 ➤ This project is necessary to protect NSB assests from damage due to erosion. It is also necessary to mitigate environmental risks related to closure cap failure and pending violations from regulators.
7. **PROJECT JUSTIFICATION:** Explain why this project is necessary.  
 Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.  
 ➤ This project will upgrade the armor around the South Salt Lagoon to protect the landfill cap. This will restore the cap integrity and mitigate potential for solid waste exposure and leachate leaks.  
 Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.  
 ➤ No  
 Indicate if this is a reoccurring upgrade or repair.  
 ➤ Np  
 Detail outside funds being leveraged, if applicable.  
 ➤ Not at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- This project has received inspection deficiencies from ADEC. Failure to meet the deadlines will result in violations.

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Failure to install armor on the cap will result in failure on the closure cap.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Failure to install armor will result in cap failure that will expose solids wastes to the lagoon and water ways, along with washing leachate into the same waterways.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Failure to install armor on the cap will result in failure on the closure cap.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**


Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: Pending Jacobs work plan. Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

- 

REQUESTOR INFORMATION	
Requestor Name and Title: George Ahmaogak Jr.	
Requestor Signature: 	Date: 2/21/25
Department Director Name: Scott K. Danner, Public Works Director	
Department Director Signature:	Date:

REQUESTING ENTITY: Public Works RAS  
PROJECT NAME: Old Barrow Landfill Lagoon Armor  
LOCATION: Areawide

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

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**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

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**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 65-110

**CIP PROJECT TITLE:** Old Barrow Landfill Lagoon Armor

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$3,328,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$3,328,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$3,328,000</b>		

**SOURCE DESCRIPTION:** \$3,328,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is intended for the Old Barrow Landfill, a closed landfill, is facing erosion due to wind-driven waves, requiring new armor rock to protect the shoreline along the South Salt lagoon, as the protective closure cap has degraded.

**JUSTIFICATION:** This project will upgrade the armor around the South Salt Lagoon to protect the landfill cap. This will restore the cap integrity and mitigate the potential for solid waste exposure and leachate leaks.

REQUESTING ENTITY: Public Works, Roads, Airports & Sanitation

PROJECT NAME: Barrow TOS Replacement

LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	15-NEW-02	TYPE:	New
DATE SUBMITTED:	2/21/25	AMOUNT REQUESTED:	1,100,000.00
REQUESTING ENTITY:	Public Works R.A.S.	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

- 1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

The Thermal Oxidation System in Utqiagvik is difficult to maintain, and requires extensive upgrades. When restored it will not keep up with the waste generation in the community causing landfill expansions and closures at an accelerated rate. When operating, the existing system incinerates wastes in batch burns 2-3 times per week with off days for cooldown and removing ash. The delays between burns compound the inefficiency of the existing equipment.

The TOS reduces the the landfilled solid waste volume between 60% to 80%. This means that 3-5 days of incinerated waste volume fits into 1 day of non-incinerated waste volume. As a result of the lack of burning, the landfill fills up more quickly. The high costs to landfill expansions necessitate waste reduction.

The existing TOS should be replaced with an appropriately sized waste incinerator or oxidation equipment.

The landfill ADEC permit and USF&W authorizations are predicated on the operation of the TOS. These regulators are concerned with landfill rate of filling, and attracting predators to known endangered species nesting sites.
- 2. DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

  - This project request is for \$1,100,000
- 3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services	12%	\$800,000
<b>Construction/Acquisition</b> (anticipated costs)			\$
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$80,000
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$220,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$1,100,000
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- This project is proposed as phased, starting with design to determine the total project costs. Phasing is recommended to complete the pre-design permitting and siting documents and to complete the design before moving into the construction phase.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.



**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- TOS upgrades are listed on the 6 year plan. This replacement project is needed for long term community support. The existing TOS is not providing adequate waste reduction and much of the solid waste is being directly landfilled without volume reduction. This leads to increase demand and rate of filling the landfill and additional capital costs for opening and closing new cells. The TOS has been up and down for over a decade, and it has been more often down.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project will reduce maintenance costs at Shop 3 on the existing TOS equipment. It will reduce labor associated with clearing ash out of the burn chambers. It will reduce the number of trucks that transit to the landfill to dispose of waste, resulting in less wear and tear on rolling stock. It will result in less airspace being used, which is an NSB asset that is being over utilized currently. TOS has not been in operation and the landfill is filling up faster than planned. It is necessary to stay in compliance with out landfill permit. Continued operation of the existing TOS is labor intensive, has high O&M costs and does not keep up with community waste production.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project should not expand facilities or services. It will reduce operating costs and reduce the frequency capital requests for the landfill.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

- None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- Failure to operate the TOS has required ADEC to modify the TOS and Landfill permits to allow the NSB to function. However, the USF&W service expects the TOS to function with most waste being reduced. The next renewal period in 2024 when USF&W will have the opportunity to comment authorize the landfill operation.

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- USF&W required TOS to operate, to prevent attracting predators to local Stellars eiders nests around the landfill. USF&W required a lot to be kept of predators that counted at the landfill. The numbers routinely exceed those stipulated by USF&W.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

REQUESTING ENTITY: Public Works, Roads, Airports & Sanitation  
PROJECT NAME: Barrow TOS Replacement  
LOCATION: Utqiagvik

- There will be a significant budget saves to the operating budget, between maintenance of old equipment, less labor and truck traffic, less equipment operating time at the landfill, and less air space consumption as tracked by NSB A&F.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

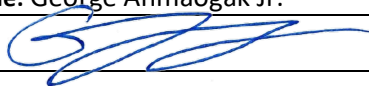
Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:  
Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.



**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTOR INFORMATION	
Requestor Name and Title: George Ahmaogak Jr.	
Requestor Signature: 	Date: 2/21/25
Department Director Name: Scott K. Danner, Public Works Director	
Department Director Signature:	Date:

<u>NSB PLANNING DEPARTMENT USE ONLY</u>
Summary of PRC and Planning Commission discussion and recommendation: <ul style="list-style-type: none"><li>•</li></ul>
Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s): <ul style="list-style-type: none"><li>•</li></ul>

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 65-111

**CIP PROJECT TITLE:** Barrow TOS Replacement

THIS IS A:            XXX            **NEW PROJECT**

XXX            **PROJECT SCOPE MODIFICATION**

XXX            **BUDGETARY GUIDELINE REVISION**

XXX            **JUSTIFICATION MODIFICATION**

                         \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$1,100,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$1,100,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$1,100,000</b>		

**SOURCE DESCRIPTION:** \$1,100,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is intended for the Thermal Oxidation System in Utqiagvik is inefficient and requires upgrades to keep up with waste generation. The system incinerates waste 2-3 times per week, reducing solid waste volume by 60% to 80%. This results in landfill expansions and closures. The TOS needs replacement with appropriate equipment to address environmental concerns and landfill ADEC permits and USF&W authorizations.

**JUSTIFICATION:** The project aims to decrease maintenance costs, labor, and landfill usage of existing TOS equipment at Shop 3, reducing the number of trucks and airspace used. The project also addresses the issue of TOS not operating, high O&M costs, and insufficient community waste production.

REQUESTING ENTITY: Public Works, Roads, Airports & Sanitation

PROJECT NAME: Barrow Landfill Phase VI Development

LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	15-104	TYPE:	Upfund
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works R.A.S.	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - This project is to upgrade the Barrow Landfill Phase 6 development. The landfill is required by regulatory compliance to stay ahead of the cells reaching capacity by maintaining future completed cells in reserve. The active Cell 4 has filled up sooner than the landfill plan, and Cell 5 design needs to be completed and the project advertised. This upfund is prepared due to changes in condition for the project. The costs for gravel have increased significantly due to the gravel pit operations relocating away from the landfill.
  - This project will also address newer thermal monitoring requirements on the site that requires new monitoring wells, and replacing wells that have failed.
  - There is erosion of the closure cap in previously closed cells that require upgrades to address the erosion and stabilize the cap.
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - This project request is for \$7,700,000
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$

<b>Professional Services</b> (design, legal, other)	Professional Services	12%	\$600,000
<b>Construction/Acquisition</b> (anticipated costs)			\$5,000,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$560,000
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$1,540,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$7,700,000</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- This project cannot be phased.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.



**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:



**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- TOS has not been in operation and the landfill is filling up faster than planned. It is necessary to stay in compliance with out landfill permit.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will expand the landfill and will increase the O&M budget for inspections and maintenance.

Indicate if this is a reoccurring upgrade or repair.

- This will be a reoccurring request to maintain a solid waste disposal site. There may be breaks in funding request cycles due to the changing needs of the landfill.

Detail outside funds being leveraged, if applicable.

- None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- However, failure to proceed will result in an NOV and hinder Utqiagvik's waste handling.

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- If air space is not increased, the NSB will default in following the operations plan and increase the potential for disease vector, increase the potential for leachate seeps and affect migratory birds in the area.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- However, non action will increase operating costs as well.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:


Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

- 

REQUESTOR INFORMATION	
Requestor Name and Title: George Ahmaogak Jr.	
Requestor Signature: 	Date: 1/22/25
Department Director Name: Scott K. Danner, Public Works Director	
Department Director Signature:	Date:

REQUESTING ENTITY: Public Works, Roads, Airports & Sanitation  
PROJECT NAME: Barrow Landfill Phase VI Development  
LOCATION: Utqiagvik

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**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

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**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works RA&S

PROJECT NAME: UsedTire Processor

LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	15-NEW-04	TYPE:	New
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works, RA&S	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES**

## CIP VEHICLE AND EQUIPMENT REQUEST FORM

Use this form for all equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

**1. PROJECT DESCRIPTION:**

Vehicles: Indicate the make and model of the vehicle being requested. If this request is for a replacement, include the make, model, year, VIN number, mileage and/or hours, current location, statement of condition, and if the vehicle be written-off or traded-in.

Equipment: Be specific in describing the preferred equipment being requested. If this request is for equipment replacement, identify the manufacturer, age of the equipment being replaced, date placed into service, and a statement of condition.

- This request seeks funding to purchase a tire reducing equipment. Tires are an waste stream for landfill operations that is poorly managed as tires take up significant volume unless cut or ground apart. Tires that are stockpiled and exposed to the elements are also a fire hazard due.
- Processed tires can be used as an alternative cover at the landfill. They would offset costs of purchasd gravel. This would ultimately save airspace by not burying good gravel along with the tires, as the tires would have been landfill anyway.
- Use of reduced tires in place of gravel would extend the landfill life by the volume of tires used of cover in place of gravel.

- 2. PROJECT COST:** Provide and explain the estimated cost including freight to the village. To determine cost, use a vendor quote or a manufacturer's suggested retail price. Provide both the cost breakdown for each village and the all-inclusive total. Administrative estimate and contingency should also be included.

- This request is for \$1,584,000, including shipping, installation, training, CIPM 10% and 20% contingency.

- 3. TRAINING:** Will there be training costs associated with the purchase of new equipment or vehicles? No  Yes

If Yes, indicate if the training cost is included in the acquisition or purchase price, who would be trained, and who would conduct the training. Indicate why training would be needed.

REQUESTING ENTITY: Public Works RA&S

PROJECT NAME: UsedTire Processor

LOCATION: Utqiagvik



**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.



**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:



**7. PROJECT JUSTIFICATION:**

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- The equipment would reduce tires into usable shredded material that can be used for alternative cover at the landfill. The volume is reduced saving landfill airspace. The shreds can be used in place of gravel saving additional airspace. This alternative cover would extend the landfill life by the amount of tires landfilled and gravel offset.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- Yes there would be increases in operations costs associated with this process, but those caost may be offset by reduding the amount of gravel purchased for cover and slowing the filling of airspace.

Indicate if this is a reoccurring upgrade or repair.

- This is not a reoccurring upgrade.

Detail outside funds being leveraged, if applicable.

- Not at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No

Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

REQUESTING ENTITY: Public Works RA&S

PROJECT NAME: UsedTire Processor

LOCATION: Utqiagvik



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



9. **ATTACHMENTS:** List any supplemental information submitted with this request.



10. **ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



**REQUESTOR INFORMATION**

**Requestor Name and Title:**

**Requestor Signature:**

**Date:**

**Department Director Name:**

**Department Director Signature:**

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

## Travis Holmes-Eco Monster

**Travis Holmes**

travis.holmes@north-slope.org

907-602-1242

Reference: 20250228-183043068

Quote created: February 28, 2025

Quote expires: May 29, 2025

Quote created by: camilo Velez

Latam Sales

camilo@ecogreenequipment.com

+573103593405

### **Comments from camilo Velez**

The following system specifications and equipment information can be found in the accompanying equipment engineering drawing(s) and brochure(s). Please refer to them for the following technical specifications:

#### Layout Drawing

- Input Material
- System Throughout Capacities
- System Output Sizes
- System Power Requirements
- Recommended Space/Area for System
- Estimated Shipping Loads for System
- Recommended Personnel for System

#### Brochures

- Technical Information
- Description
- Dimensions

For any additional information, please consult with your ECO Green Equipment Sales Representative.

## Products & Services

Item & Description	Quantity	Unit Price	Total
Eco Monster MONSTER 193 HYDRAULIC	1	\$702,919.93	\$702,919.93
	One-time subtotal		\$702,919.93
		<b>Total</b>	<b>\$702,919.93</b>

## **Purchase terms**

### **Payment Terms**

- 50% non-refundable deposit to start the order, and the 50% remaining balance due before shipment.
- Any payments not made within fifteen (15) days of the due date will be considered late and will be penalized five percent (5%) on the amount owed. Additionally the purchaser will continue to be penalized on the balance owed at a rate of eighteen percent (18%) annually or the maximum allowed by law until the balance has been paid in full.

### **Estimated Lead Time**

- Estimated lead time 4-6 months from the date of order placement and timely receipt of non-refundable deposit payment.
- Final lead time will be determined at time of approved final drawings

### **Delivery Terms**

- Ex-Works

### **Purchaser Responsibility**

- Any custom duties, fees, taxes, etc., are to be paid directly by buyer
- Freight, Import Taxes or Duties
- Installation
- Electrical power, cables, and wiring to and from the control panel
- Building or land to house the system
- Source of water (Minimum 3 bar)
- Source of compressed air (Minimum 7 bar dry air)
- Ductwork
- Any Permits required
- Site Improvements
- All expenditures for noise prevention measures inside and outside of site building according to local regulations
- All expenditures for necessary fire and explosion prevention measures as well as emission and dust reduction protocols.  
(Please consult with your local legislation and regulation authority for additional information)
- All necessary collection bins and containers for product output (e.g. steel, fiber)
- Translations of User Manuals and Technical Specifications (English only provided)
- Any auxiliary equipment not listed on ECO Green Equipment's equipment list

## **FIRE WARNING**

The Equipment is designed to shred a variety material. As such, there is an inherent risk of combustion and fire, as well as possible ejection of materials. This risk may be increased by, among other things, poor or inadequate ventilation and/or maintenance of the Equipment and not operating it in full compliance with all manufacturer's recommendations. Purchaser agrees to assume all such risks and associated liabilities in connection with the operation and maintenance of the Equipment and undertakes all responsibility to take whatever steps it deems necessary to mitigate and protect against such risks.

### **Installation and Supervision**

ECO Green Equipment is willing to provide an installation technician to supervise the installation process to advise and instruct at an additional cost to the Purchaser. This includes but is not limited to flights, hotels, car rental and forty (\$40.00) dollars USD per diem for food per person. The hourly rate is One Hundred fifty (\$150.00) dollars USD per hour per person. Travel time rate is Seventy-Five (\$75.00) dollars USD per hour per person.

## **Environmental Compliance**

Eco Green Equipment Designs And Manufacturers Industrial Ambient Grinding Equipment For Tire Recycling And Takes Seriously Environmental And Community Compliances And Regulations. During This Process, Specialized Filters And Collection Systems Capture Any Excess Material(S) And Byproducts. No Toxins Are Released And Safety Precautions And Tools Are Established In Order To Prevent Accidents. During This Process, No Harmful Pollutants Generated Or Released In The Recycling Process. All Fiber Or Rubber Build Up Outside Of The Equipment Can Be Disposed.

## **Operation Schedule**

Up to 24 hours a day, 7 days a week, including downtime for equipment maintenance.

## **Confidentiality**

This proposal and all of its contents, including but not limited to layouts, descriptions, machine information, etc. are for the exclusive use of person and/or company for whom this quote is prepared. This quote contains proprietary information and technical details, the sole property of which belong to ECO Green Equipment. No release or disclosure of the technical or pricing information shall be released to any party without prior written consent from ECO Green Equipment. ECO Green Equipment reserves the right to prosecute to the fullest extent anyone who violates this confidentiality.

## **Warranty**

(A) Eco Green Equipment Warrants That At The Time Of Shipment To The Purchaser, All Equipment Is Free Of Any Defects Or Damages.

(B) Eco Green Equipment Agrees To Replace Or Repair The Defective Article, Part, Or Portion Of Equipment Thereof, Provided Notice Of Such Defect Is Provided In Writing Prior To Expiration Of The "Warranty Time Period" As Described Herein, And Provided Said Article Is Made Available For Inspection By Eco Green Equipment. Purchaser's Sole Remedy Under The Warranty Is Limited To The Correction (By Repair Or Replacement) Of The Condition, Defective Article, Part, Or Portion Of Equipment Thereof, Or, At Eco Green Equipment's Option, To A Refund Of The Purchase Price And Return Of The Used Machinery Components To Eco Green Equipment, Provided Notice Of Such Defect Is Received In Writing Prior To This Warranty Expiring, And Provided The Article Is Available For Inspection By Eco Green Equipment.

(C) Eco Green Equipment Only Warrants Items Manufactured By Eco Green Equipment. All Products Manufactured By Other Companies Will Fall Under The Other Companies' Product Warranty, If Any.

(D) Warranty Time Period. Warranty Is Valid For Twelve (12) Months From The Date Of First Use, Based On A Five (5) Day Work Week And An Eight (8) Hour Work Day, Or Eighteen (18) Months From The Time The First Item Of Equipment Is Shipped To The Purchaser, Whichever Occurs First.

(E) Warranty Will Become Null And Void If The Equipment Is Used In Anyway Improperly, Or Repairs And Alterations To The Equipment Have Been Done By Someone Outside Of Eco Green Equipment, Or Failure To Complete And Return Eco Green Equipment Maintenance Forms Each Month. Additionally, The Warranty Shall Be Null And Void If The Installation Work Is Not Performed By Licensed Technicians, If The Installation Work Does Not Meet All Applicable Codes, Or If The Equipment Is Not Installed According To The Manufacturer's Drawings And Specifications. The Warranty Shall Also Be Null And Void If The Purchaser Has Not Paid In Full All Amounts Due And Owing Under This Agreement And Any Invoice Referred To Herein.

(F) In The Case Of A Defective Part, It Is The Responsibility Of The Purchaser To Return The Defective Part To Eco Green Equipment. If The Part Is Found To Be Defective The Part Will Be Replaced Or Repaired And The Purchaser Will Be Reimbursed For The Freight.

(G) Eco Green Equipment Will Not Be Responsible For Any Damage Or Losses Incurred In Shipment From Its Manufacturing And Assembly Factory.

(H) Eco Green Equipment Will Not Be Responsible For Damage Or Losses Incurred During Operation Of Our Equipment Arising From Purchaser's Disregard Or Neglect Of Safety Precautions Necessary To Insure Safe Operation Of Our Equipment.

(I) Eco Green Equipment Reserves The Right Under Its Product Improvement Policy To Change Construction Or Design Details And Furnish Equipment When So Altered Without Reference To Illustrations Or Specifications Used Herein.

(J) Eco Green Equipment Shall In No Event Be Liable For General, Consequential, Incidental Or Special Damages Or Contingent Liabilities Arising Out Of Failure Under This Or Any Other Warranty Expressed, Implied Or Statutory, Unless Applicable Law Does Not Allow Such Limitations Or Exclusion Of Liabilities.

(K) Eco Green Equipment Will Not Be Responsible For Labor Costs Incurred In The Removal Or Reinstatement Of Defective Articles Or Parts Thereof. If The Purchaser Grants A Warranty On Such Articles Or Conditions Of Greater Scope Than Indicated Above, The Purchaser Will Automatically Assume The Burden Of Such Greater Warranty And Shall Hold Eco Green Equipment Harmless From Any And All Claims Of Third Parties Based Upon Such Extended Warranties.

(L) Eco Green Equipment Does Not Warrant Wear Items, Capacities Of Units, Throughput Rates Of Units, Or Product Sizing Unless Specifically Stated In Writing By Eco Green Equipment.

(M) There Are No Warranties That Extend Beyond The Description Of The Express Warranties Described Above.

**Order Execution Agreement** No equipment orders will initiate production until a completed and signed contract and deposit have been received.

### **Questions? Contact me**



camilo Velez

Latam Sales

camilo@ecogreenequipment.com

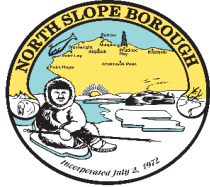
+573103593405

ECO Green Equipment

615 W 900 N

North Salt Lake, UT 84054

United States



**North Slope  
Borough  
Six-Year  
Capital Plan**

	2025	2026	2027	2028	2029	2030
New GO Bond	\$200,000,000	\$414,437,832	\$254,356,000	\$166,740,000	\$65,940,000	\$64,940,000
Other (grants, private)		\$15,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
<b>Total Program</b>	<b>\$200,000,000</b>	<b>\$429,437,832</b>	<b>\$274,356,000</b>	<b>\$186,740,000</b>	<b>\$85,940,000</b>	<b>\$84,940,000</b>
Expansion	\$61,607,000	\$171,356,222	\$94,635,000	\$57,390,000	\$9,390,000	\$23,390,000
Upgrades	\$138,393,000	\$258,081,610	\$179,721,000	\$129,350,000	\$76,550,000	\$61,550,000

Project #	Project Description	2025	2026	2027	2028	2029	2030
<b>SECTION 18 - GENERAL CAPITAL</b>		<b>\$40,161,000</b>	<b>\$45,774,000</b>	<b>\$79,000,000</b>	<b>\$15,960,000</b>	<b>\$3,000,000</b>	<b>\$18,460,000</b>
Subtotal	<i>Expansion of existing programs listed below</i>	\$3,200,000	\$15,000,000	\$58,500,000	\$15,000,000	\$1,000,000	\$17,500,000
	<i>Upgrades to existing programs listed below</i>	\$36,961,000	\$30,774,000	\$20,500,000	\$960,000	\$2,000,000	\$960,000
68-041	PROJECT ANALYSIS REPORTS	\$500,000		\$500,000		\$500,000	
68-042	FIRE SYSTEM UPGRADE		\$1,500,000			\$1,500,000	
68-054	AREAWIDE LIGHT DUTY VEHICLES	\$1,000,000		\$1,000,000		\$1,000,000	
68-063	BGF UPGRADES AND MODERNIZATION		Closing				
68-065	AW HIGH EFFICIENCY LIGHTING &	\$500,000					
68-099	WILDLIFE FACILITY PHASE I*		\$15,000,000	\$10,000,000			
68-101	AIN PW FAC REPLCMT PH I		Closing				
68-102	NUIQSUT FACILITY UPGRADE	\$150,000					
68-103	ANAKTUVUK PASS FAC. UPGRADE						
68-104	ATQASUK FACILITY UPGRADE						
68-105	POINT HOPE FACILITY UPGRADE	\$561,000					
68-106	WAINWRIGHT FACILITY UPGRADE	\$28,000					
68-107	KAKTOVIK FACILITY UPGRADES						
68-108	POINT LAY FACILITY UPGRADE	\$1,017,000					
68-109	BARROW FACILITY UPGRADES	\$3,465,000					
68-110	WAINWRIGHT HEAVY EQUIPMENT			\$2,000,000			\$2,000,000
68-111	NUIQSUT HEAVY EQUIPMENT			\$2,000,000			\$2,000,000
68-112	BRW HEAVY EQUIPMENT			\$3,500,000			\$3,500,000
68-113	NUI PW SHOP REPLCMT DESIGN	\$2,200,000		\$20,000,000	\$15,000,000		
68-114	ATQ HEAVY EQUIPMENT			\$2,000,000			\$2,000,000
68-115	KAK HEAVY EQUIPMENT			\$2,000,000			\$2,000,000
68-116	PHO HEAVY EQUIPMENT			\$2,000,000			\$2,000,000
68-117	PIZ HEAVY EQUIPMENT			\$2,000,000			\$2,000,000
68-118	VILLAGE HEAVY EQUIPMENT		\$480,000		\$480,000		\$480,000
68-119	BRW HEAVY EQPMT MAJOR REPAIR		\$480,000		\$480,000		\$480,000
68-120	AKP HEAVY EQUIPMENT REPLACEMENT			\$2,000,000			\$2,000,000
68-121	NEW AKP PUBLIC WORKS SHOP			\$10,000,000			
68-122	AW EQUIPMENT STORAGE STRUCTURE		Closing				
68-123	PLANNING DEPARTMENT UPG & EXT		Closing				
68-124	Wainwright Power Plant	\$20,000,000	\$20,000,000	\$20,000,000			
68-125	NSB Building Network & Door Badging Upgrade						
68-126	HBTC Facility Upgrades	\$844,000					
68-911	Areawide Facility Supervisory Controls		\$660,000				

<b>Project #</b>	<b>Project Description</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
68-912	Atqasuk Warm Storage Building Floor Upgrades		\$550,000				
68-127	Point Hope Search & Rescue Upgrades	\$5,280,000					
68-914	Point Hope USDW Floor Upgrades		\$880,000				
68-128	Barrow Transit Building Roof	\$440,000					
68-129	AIN Shop Parking	\$4,176,000	\$224,000				
68-917	AW HVAC Upgrades		\$6,000,000				



**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 68-054

**CIP PROJECT TITLE:** Areawide Light Duty Vehicles

THIS IS A: \_\_\_\_\_ NEW PROJECT  
 \_\_\_\_\_ **XXX** PROJECT SCOPE MODIFICATION  
 \_\_\_\_\_ **XXX** BUDGETARY GUIDELINE REVISION  
 \_\_\_\_\_ SCHEDULE (or) STATUS REVISION  
 \_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVES-L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$16,038,000		
<b>BUDGET INCREASE</b>	<b>\$1,000,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$17,038,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$17,038,000</b>		

**SOURCE DESCRIPTION:** \$1,000,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** This project will provide for the bulk purchase of light duty vehicles through a process that will ensure standardization of the NSB light duty fleet by providing a centralized review process for vehicle requests, limit the number of vehicle types purchased, as recommended by the PRC, Planning Commission, Mayor, and Assembly. **2025-10 funding is intended for light-duty vehicles requesting departments, area-wide.**

**JUSTIFICATION:** Light duty vehicles, which have exceeded their value in terms of maintenance frequency and cost, must be replaced. This will result in an operations cost savings.

NSB Project Review Committee: 05/12/03, 05/20/04, 05/08/06, 04/20/09, 04/09/10, 08/19/10, 4/8/11, 04/06/12, 4/19/13, N/A, 1/17/14, 4/05/16, 3/31/17, 4/6/18, 4/5/19, 4/3/20, 4/2/21, 4/1/22, 3/31/23, 3/29/24, 3/27/25  
 NSB Planning Commission: 05/29/03, 05/27/04, 05/16/06, 05/01/09, 04/29/10, 08/26/10, 5/26/11, 4/26/12, 6/05/13, N/A, 1/30/14, 5/26/16; 4/27/17, 5/4/18, 4/25/19, 4/30/20, 4/29/21, 4/28/22, 4/25/24, 4/24/25  
 NSB Assembly: 06/03/03, 06/01/04, 06/06/06, 06/10/09, 06/10/10, 09/07/10, 6/6/11, 6/4/12, 6/13/13, amend 6/13/13, 3/04/14, 6/10/16, 6/8/17, 6/12/18, 6/12/19, 6/9/20, 6/15/21, 6/14/22, 6/6/24, 6/6/25

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 68-065

CIP PROJECT TITLE: AW High Efficiency Lighting and Facility Controls

THIS IS A: \_\_\_\_\_ TITLE CHANGE (Ph IV)

XXX PROJECT SCOPE MODIFICATION

XXX BUDGETARY GUIDELINE REVISION

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	G.O. BONDS	CAPITAL RESERVE - LOI	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$3,287,000		
<b>BUDGET INCREASE</b>	<b>\$500,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$3,787,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$3,787,000</b>		

**SOURCE DESCRIPTION:** \$500,000 in new G.O. bond funds is being requested.

**PROJECT DESCRIPTION:** Project will replace older light fixtures with new high efficiency fixtures and lamps in NSB village facilities along with automatic lighting controls turning lights on and off when people enter and leave areas. Automatic controls will turn off unnecessary equipment at night or whenever a facility is unoccupied. Heating controls will be upgraded to provide efficient control of heat systems including night modes to minimize fuel usage. Phase V funding will continue the upgrade of high-efficiency lighting and controls in NSB facilities, area-wide. **2025-10 funding is intended to continue to reduce energy consumption in the Borough buildings throughout the communities.**

**JUSTIFICATION:** Operational cost savings. Reducing electrical use for lighting could reach 30% and improve lighting levels. Lower electricity and fuel use will reduce operating costs.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 68-102

CIP PROJECT TITLE: Nuiqsut Facility Upgrades

THIS IS A : \_\_\_\_\_ NEW PROJECT

XXX \_\_\_\_\_ **PROJECT SCOPE MODIFICATION**

XXX \_\_\_\_\_ **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	G.O. BONDS	CAPITAL RESERVES-L.O.I.	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$2,620,000		
<b>BUDGET INCREASE</b>	<b>\$150,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$2,770,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$2,770,000</b>		

**SOURCE DESCRIPTION: \$150,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project provides upgrades to Borough facilities and facility equipment in Nuiqsut. Other qualifying facility upgrade projects may be authorized as needed as requested by Public Works to have the flexibility of utilizing funds for other qualifying capital upgrades within CIP project 18-102. 2024-10 Funding is intended for pumps, piping & struts, Fire Station sump pumps, warm storage heaters & doors, WTP HVAC, PSO HVAC & Boilers, USDW heaters & overhead doors, and Search and Rescue heaters. **2025-10 funding is intended for the WWTP air handler upgrades.**

**JUSTIFICATION:** NSB facilities in Nuiqsut are aging, and facility components and systems require periodic upgrade or replacement to continue providing essential services to the community.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 68-105

CIP PROJECT TITLE: Point Hope Facility Upgrade

THIS IS A : \_\_\_\_\_ NEW PROJECT

XXX PROJECT SCOPE MODIFICATION

XXX BUDGETARY GUIDELINE REVISION

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVES-L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$1,998,000		
<b>BUDGET INCREASE</b>	<b>\$561,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$2,559,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$2,559,000</b>		

**SOURCE DESCRIPTION: \$561,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project succeeds CIP 18-075 “PHO Facilities Upgrades” to continue providing upgrades to Borough facilities and facility equipment in Point Hope. 2021-10 funding is intended for USDW Garage Floor Repairs and for Fire Alarm Sprinkler System Upgrade and Standardization in the Fire Station, Health Clinic, USDW Building, Water Treatment Plant (WTP) and Waste Water Treatment Plant (WWTP). 2024-10 Funding is intended for the further repairs and upgrades of the USDW, WWTP and WTP facilities. Additionally, the funding is intended for pumps, piping and struts, Fire Station sump pumps, VSB sheetrock, Water Distribution Building boilers, and HEMF heaters. **2025-10 funds are intended for the PSO roof and new man doors, community-wide for secure NSB facilities.**

**JUSTIFICATION:** NSB facilities in Point Hope are aging, and facility components and systems require periodic upgrade or replacement to continue providing essential services to the community.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 68-106

CIP PROJECT TITLE: Wainwright Facility Upgrade

THIS IS A : \_\_\_\_\_ NEW PROJECT

XXX PROJECT SCOPE MODIFICATION

XXX BUDGETARY GUIDELINE REVISION

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

	G.O. BONDS	CAPITAL RESERVES-L.O.I.	OTHER SOURCE
PROJECT BUDGET AMOUNT	\$2,926,000		
<b>BUDGET INCREASE</b>	<b>\$28,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$ 2,954,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$2,954,000</b>		

**SOURCE DESCRIPTION: \$28,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project succeeds CIP 18-076 “AIN Facilities Upgrades” to continue providing upgrades to Borough facilities and facility equipment in Wainwright. 2021-10 funds are intended for Fire Alarm and Sprinkler System Upgrades for the Waste Water Treatment Plant. 2024-10 Funding is intended for Senior 5-Plex boiler upgrade, WWTP HVAC upgrade, PSO control upgrade, pumps, piping & struts, and Fire Station sump pumps. **2025-10 funding is intended for PSO building overhead door upgrade.**

**JUSTIFICATION:** NSB facilities in Wainwright are aging, and facility components and systems require periodic upgrade or replacement to continue providing essential services to the community.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 68-108

CIP PROJECT TITLE: Point Lay Facility Upgrade

THIS IS A : \_\_\_\_\_ NEW PROJECT

XXX \_\_\_\_\_ **PROJECT SCOPE MODIFICATION**

XXX \_\_\_\_\_ **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVES-L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$1,095,000		
<b>BUDGET INCREASE</b>	<b>\$1,017,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$ 2,112,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$2,112,000</b>		

**SOURCE DESCRIPTION: \$1,017,000 in new G.O. Bond funds are being requested**

**PROJECT DESCRIPTION:** This project succeeds CIP 18-093 “Pt. Lay Facilities Upgrades” to continue providing upgrades to Borough facilities and facility equipment in Point Lay. 2024-10 Funding is intended for pumps, piping & struts, clinic boilers, Waste Water Treatment Plant (WWTP) roofing, WTP boiler & HVAC, tent electric & heat, HEMF heating, and PSO & Housing HRV. **2025-10 funding is intended for upgrades to the Clinic Duplexes and itinerant house as well as the WWTP roof and air handler hood upgrades.**

**JUSTIFICATION:** NSB facilities in Point Lay are aging, and facility components and systems require periodic upgrade or replacement to continue providing essential services to the community.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 68-109

CIP PROJECT TITLE: Barrow Facility Upgrades

THIS IS A : \_\_\_\_\_ NEW PROJECT

XXX \_\_\_\_\_ **PROJECT SCOPE MODIFICATION**

XXX \_\_\_\_\_ **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVES-L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$8,276,000		
<b>BUDGET INCREASE</b>	<b>\$3,465,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$11,741,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$11,741,000</b>		

**SOURCE DESCRIPTION: \$3,465,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project will continue upgrading Borough facilities and facility equipment in Barrow. 2018-10 funding intended to upgrade Electronic Door access Control systems in Barrow. 2019-10 funding is intended to upgrade Shop II. 2021-10 funding is intended for Shop III Boiler replacement and PSO Boiler Replacement. Other qualifying facility upgrade projects may be authorized, as requested by Public Works, to have the flexibility of utilizing funds for other qualifying capital upgrades within CIP project 18-109. 2023-10 funding is intended for work on the administrative building roof. 2024-10 Funding is intended for work on the administrative building roof. **2025-10 funding is intended for Shop 1, 2, and 3 hybrid upgrades, including replacing the shop's hydronic system, including the NSB Admin building heating upgrades.**

**JUSTIFICATION:** NSB facilities in Barrow are aging, and facility components and systems require periodic upgrade or replacement to continue providing essential services to the community.

**CAPITAL IMPROVEMENTS PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 68-113

CIP PROJECT TITLE: NUI PW Shop Replacement Design

THIS IS A : \_\_\_\_\_ NEW PROJECT

XXX \_\_\_\_\_ **PROJECT SCOPE MODIFICATION**

XXX \_\_\_\_\_ **BUDGETARY GUIDELINE REVISION**

\_\_\_\_\_ SCHEDULE (or) STATUS REVISION

\_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE - LOI</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$300,000		
<b>BUDGET INCREASE</b>	<b>\$2,200,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$ 2,500,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$2,500,000</b>		

**SOURCE DESCRIPTION:** \$2,200,000 in new G.O. Bonds funds is requested

**PROJECT DESCRIPTION:** This project is to replace the old USDW Facility in Nuiqsut with a Public Works equipment shop and warm storage facility. **2025-10 funding is intended for design phase.**

**JUSTIFICATION:** The sub-structure/floor of the existing facility has failed, and is currently under restricted use.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 68-124

CIP PROJECT TITLE: Wainwright Power Plant

THIS IS A: \_\_\_\_\_ NEW PROJECT  
                   XXX PROJECT SCOPE MODIFICATION  
                   XXX BUDGETARY GUIDELINE REVISION  
                   \_\_\_\_\_ JUSTIFICATION MODIFICATION  
                   \_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$5,000,000		
<b>BUDGET INCREASE</b>	<b>15,780,000</b>	<b>4,220,000</b>	
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$ 20,780,000	\$4,220,000	
<b>TOTAL PROJECT AMOUNT</b>	<b>\$ 25,000,000</b>		

**SOURCE DESCRIPTION:** \$20,000,000 in new G.O. bond funds are being requested; \$4,220,000 is being requested through L.O.I.

**PROJECT DESCRIPTION:** This project is to replace the Power Plant in Wainwright, Alaska. This funding is intended for Design. **2025-10 funding is intended for the construction phase of the project.**

**JUSTIFICATION:** The Power Plant in Wainwright is at the end of its useful life and a new Power Plant is needed for the health and safety of the community.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

CIP PROJECT NUMBER: 68-126

CIP PROJECT TITLE: HBTC Facility Upgrades

THIS IS A: \_\_\_\_\_ NEW PROJECT  
                   XXX                  **PROJECT SCOPE MODIFICATION**  
                   XXX                  **BUDGETARY GUIDELINE REVISION**  
                   \_\_\_\_\_ JUSTIFICATION MODIFICATION  
                   \_\_\_\_\_ CLOSE COMPLETED PROJECT

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
PROJECT BUDGET AMOUNT	\$1,522,000		
<b>BUDGET INCREASE</b>	<b>\$844,000</b>		
BUDGETARY DECREASE			
TOTAL CURRENT BUDGET	\$ 2,366,000		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$2,366,000</b>		

**SOURCE DESCRIPTION: \$884,000 in new G.O. bond funds are being requested.**

**PROJECT DESCRIPTION:** This project will provide facility upgrades and component replacements for the Harry Brower Jr. Training Center facility. 2024-10 funding is intended to convert a portion of the training center to an RCRA facility. **2025-10 funding is intended for upgrades to the facility components and systems.**

**JUSTIFICATION:** The Harry Brower Jr. Training Center facility is aging, and facility components and systems require periodic upgrade or replacement to continue providing essential services to the North Slope Borough.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 68-127

**CIP PROJECT TITLE:** Point Hope Search and Rescue Upgrades

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$5,280,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$5,280,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$5,280,000</b>		

**SOURCE DESCRIPTION:** \$5,280,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is intended for North Slope Borough Facilities in Point Hope require periodic upgrades or replacements to continue providing essential services to the community. This will be an ongoing project to repair and upgrade NSB Facilities and control systems. Point Hope Volunteer Search and Rescue Building upgrade renovation.

**JUSTIFICATION:** This facility upgrade project improves the Borough's infrastructure, such as structural, mechanical, electrical, and controls systems, which are in need of frequent major upgrades to continue to be safe and suitable for use.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 68-128

**CIP PROJECT TITLE:** Barrow Transit Building Roof

THIS IS A:            XXX            **NEW PROJECT**  
                              XXX            **PROJECT SCOPE MODIFICATION**  
                              XXX            **BUDGETARY GUIDELINE REVISION**  
                              XXX            **JUSTIFICATION MODIFICATION**  
                              \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$440,000</b>		
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$440,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$440,000</b>		

**SOURCE DESCRIPTION:** \$440,000 in new G.O. bond funds are being requested.

**PROJECT DESCRIPTION:** 2025-10 funding is intended for the roof is in disrepair and requires replacement. The underlying structure may require upgrades to support the new roof. The roof requires replacement and structural upgrade for continued facility service. Without timely replacement, O&M costs will continue to increase and the facility may become partially or completely uninhabitable.

**JUSTIFICATION:** This project is needed to replace the Transit building roof. The roof requires replacement and structural upgrade for continued facility service. This project will not expand the NSB footprint and will decrease O&M costs. This is a one-time upgrade.

**CAPITAL IMPROVEMENT PROGRAM  
PROJECT JUSTIFICATION/CHANGE FORM  
NSB ORDINANCE 2025-10**

**CIP PROJECT NUMBER:** 68-129

**CIP PROJECT TITLE:** Wainwright Shop Parking

THIS IS A:            XXX            **NEW PROJECT**

XXX            **PROJECT SCOPE MODIFICATION**

XXX            **BUDGETARY GUIDELINE REVISION**

XXX            **JUSTIFICATION MODIFICATION**

                         \_\_\_\_\_ **CLOSE COMPLETED PROJECT**

	<b>G.O. BONDS</b>	<b>CAPITAL RESERVE-L.O.I.</b>	<b>OTHER SOURCE</b>
<b>PROJECT BUDGET AMOUNT</b>	<b>\$0</b>		
<b>BUDGET INCREASE</b>	<b>\$ 3,876,000</b>	<b>\$300,000</b>	
BUDGETARY DECREASE			
<b>TOTAL CURRENT BUDGET</b>	<b>\$4,176,000</b>		
<b>TOTAL PROJECT AMOUNT</b>	<b>\$ 4,176,000</b>		

**SOURCE DESCRIPTION:** \$4,176,000 in new G.O. bond funds are being requested; \$300,000 is being requested through L.O.I.

**PROJECT DESCRIPTION:** 2025-10 funding is intended for the removal of the temporary shop structure, soil remediation, and construction of a new gravel pad for parking.

**JUSTIFICATION:**

This project will construct a parking area in support of the Public Works facility and Intinerate Quarters. The selected site currently houses the fabric structure shop and Intinerate Quarters. The EPA, through the Consent Decree, has required that the foundation membrane liner and overlying gravels be removed from the fabric structure floor compromising the foundation. As a result, the buidling will be taken down, and Itinerate Quarters relocated for the construction of a parking area to support Public Works.

REQUESTING ENTITY: Public Works Facility Maintenance  
 PROJECT NAME: AW High Efficiency Lighting & Facility Controls  
 LOCATION: Areawide

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	18-065	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$1,037,300
REQUESTING ENTITY:	Public Works Facility Maintenance	AMOUNT RECOMMENDED:	\$500,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

**1. PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 The North Slope Borough has been taking steps to reduce energy consumption in Borough buildings throughout the communities. Lighting and illuminance technology developments, when implemented appropriately, can dramatically reduce the energy usage of buildings while simultaneously increasing both lighting levels and distribution uniformity. The addition of occupancy sensors to deactivate overhead lights when a space is unoccupied provides additional savings over standard wall switches. Payback periods of less than three years indicate that the recommended energy upgrades are an excellent investment and should be implemented as soon as possible.

**2. DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

- Project total \$1,037,300
- Existing funds \$527,691
- This project request is for \$500,000

**3. PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost

<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)			\$
<b>Construction/Acquisition</b> (anticipated costs)			\$820,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$82,000
<b>Contingency</b> (if not included in other line items)	Contingency	15%	\$135,300
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$1,037,300</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- This project could be phased, from 1 to 8 villages at a time.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

- AIN - \$50,600, AKP - \$75,900, ATQ - \$75,900, KAK - \$189,750, NUI - \$189,750, PHO - \$189,750,
- PIZ - \$75,900, UTQ - \$189,750

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- This project could be phased for one site, up to all sites.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- This project will improve lighting and will dramatically reduce the energy usage of Borough facilities.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project is an energy efficiency project as much as a lighting improvement project. The project will reduce the power demand on the power plant, at the same time providing better lighting for workspaces and security. The project will eliminate fluorescent fixtures.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will reduce NSB O&M costs at the upgraded facility as well as at the power plant. Newer fixtures also have reduced service intervals.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

- None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- High efficiency lighting upgrades will dramatically reduce early energy usage in Borough facilities which consequently reduces operational cost expenditures and fuel oil consumption at the power plant.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

-

REQUESTING ENTITY: Public Works Facility Maintenance  
PROJECT NAME: AW High Efficiency Lighting & Facility Controls  
LOCATION: Areawide

**REQUESTOR INFORMATION**

**Requestor Name and Title:** Roberta Ovjok

<b>Requestor Signature:</b> 	<b>Date:</b> 2/21/25
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**Department Director Name:** Scott K. Danner, Public Works Director

<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:28:50 -09'00'	<b>Date:</b>
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**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Facility Maintenance  
 PROJECT NAME: Nuiqsut Facility Upgrades  
 LOCATION: Nuiqsut

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	18-102	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$149,600
REQUESTING ENTITY:	Public Works Facility Maintenance	AMOUNT RECOMMENDED:	\$150,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This project request seeks funding for the WWTP Air Handler upgrades. The radiator coil is leaking and requires replacement.

2024 PRC funded storage containers, pumps, fire station floor sump upgrades, warm storage heaters and doors, WTP HVAC upgrades, Door AWning upgrades, PSO HVAC and boiler upgrades, USDW heaters and overhead door upgrades, Search and Rescue heater upgrades.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ This project request for design is for \$150,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$
Professional Services (design, legal, other)	Professional Services	15%	\$0

<b>Construction/Acquisition</b> (anticipated costs)			\$136,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$13,600
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$149,600
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ \$150,000 is needed to contract the replacement of the air handler heater.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ This project is needed keep the WWTP warm, which supports the wastewater treatment process.  
 The existing air handlers functions but is a risk for operations.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤ This project will not expand the NSB footprint and will decrease O&M costs.

Indicate if this is a reoccurring upgrade or repair.

➤ This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

➤ None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Nuiqsut Facility Upgrades

LOCATION: Nuiqsut

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

>

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

>

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

>

**REQUESTOR INFORMATION**

**Requestor Name and Title:** Roberta Oviok

**Requestor Signature:**



**Date:** 2/21/25

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner  
Date: 2025.02.24 15:28:31 -09'00'

**Date:**

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Nuiqsut Facility Upgrades

LOCATION: Nuiqsut

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Facility Maintenance  
 PROJECT NAME: Point Hope Facility Upgrades  
 LOCATION: Point Hope

NSB PLANNING DEPARTMENT USE ONLY			
TEMPORARY/CIP PROJECT NO.:	18-105	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$561,000
REQUESTING ENTITY:	Public Works Facility Maintenance	AMOUNT RECOMMENDED:	\$561,000

NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
**CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This project request seeks funding for upgrades to the PSO Roof and new manddoors village wide. The PSO roof is leaking and needs a contractor to replace the roof. The man doors are heavily corroded and need replacement.

2024 PRC funded storage containers, pumps, fire station floor sump upgrades, WWTP HVAC updates, USDW overhead doors, Vac Station wall upgrade, WTP HVAC, Water Distribution System Bldg., boilers and HEMF heater upgrades.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ This project request for design is for \$560,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Point Hope Facility Upgrades

LOCATION: Point Hope

<b>Professional Services</b> (design, legal, other)	Professional Services	15%	\$0
<b>Construction/Acquisition</b> (anticipated costs)			\$510,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$51,000
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$561,000
<b>TOTAL PROJECT COST</b> (if different)			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.



If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- \$560,000 is needed to contract the roof replacement and to procure manddoors for installation.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:



**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- These projects are necessary to protect NSB facilities. The PSO roof leaks are compromising the roof structure and may be causing molding in the roof system. The manddoors are required to insulate and secure the NSB facilities.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will not expand the NSB footprint and will decrease O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

- None at this time.

REQUESTING ENTITY: Public Works, Facility Maintenance  
 PROJECT NAME: Point Hope Facility Upgrades  
 LOCATION: Point Hope

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

>

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:



Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

>

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

>

REQUESTOR INFORMATION	
<b>Requestor Name and Title:</b> Roberta Oviok	
<b>Requestor Signature:</b> 	<b>Date:</b> 2/21/25
<b>Department Director Name:</b> Scott K. Danner, Public Works Director	
<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:26:35 -09'00' <b>Date:</b>

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Point Hope Facility Upgrades

LOCATION: Point Hope

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Facility Maintenance  
 PROJECT NAME: Wainwright Facility Upgrades  
 LOCATION: Wainwright

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	18-106	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$27,500
REQUESTING ENTITY:	Public Works Facility Maintenance	AMOUNT RECOMMENDED:	\$28,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 This project request seeks funding for the PSO Building Overhead Door upgrade. The existing door has reached the end of its service life and requires replacement.

2024 PRC funded WWTP HVAC, PSO HVAC Controls, Storage Connexes, Pumps, and Fire Station floor sump upgrades.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ This project request for design is for \$27,500

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services	15%	\$0

REQUESTING ENTITY: Public Works, Facility Maintenance  
 PROJECT NAME: Wainwright Facility Upgrades  
 LOCATION: Wainwright

<b>Construction/Acquisition</b> (anticipated costs)			\$25,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$2,500
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$27,500
<b>TOTAL PROJECT COST</b> (if different)			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤ \$27,500 is needed to get for the procurement and installation of the overhead door.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ This project is needed to maintain access to the PSO vehicle bay. The condition of the existing door is such that it will not reliably provide access, and insulation to the bay.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤ This project will not expand the NSB footprint and will decrease O&M costs.

Indicate if this is a reoccurring upgrade or repair.

➤ This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

➤ None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Wainwright Facility Upgrades

LOCATION: Wainwright

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

> N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

>

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

>

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

>

**REQUESTOR INFORMATION**

Requestor Name and Title: Roberta Oviok

Requestor Signature:



Date: 2/21/25

Department Director Name: Scott K. Danner, Public Works Director

Department Director Signature:



Digitally signed by Scott Danner  
Date: 2025.02.24 15:27:04 -09'00'

Date:

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Wainwright Facility Upgrades

LOCATION: Wainwright

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Point Lay Facility Upgrades

LOCATION: Point Lay

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	18-108	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$1,017,500
REQUESTING ENTITY:	Public Works Facility Maintenance	AMOUNT RECOMMENDED:	\$1,017,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
This project request seeks funding for upgrades to the Clinic Duplex B206 upgrades, B234 itinerate upgrades and upgrades to the WWTP Roof. The clinic duplex needs a full interior upgrade including replumbing out to finishes. B234 had a fire and needs to remove the fire damage and upgrades to return to service. The WWTP roof needs a contractor to upgrade the roof that was wind damaged along with a air handler hood.

2024 PRC funded storage containers, pumps, clinic boiler upgrades, WTP boilers and HVAC upgrades, HEMF heater upgrades, heating for the fabric structure, and PSO and internate B230 HRV upgrades.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.  
➤ This project request for design is for \$1,017,500

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
Recoverable Pre-Project Costs (PAR, other studies or reports, etc.)			\$

<b>Professional Services</b> (design, legal, other)	Professional Services	15%	\$0
<b>Construction/Acquisition</b> (anticipated costs)			\$925,000
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$92,500
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$1,017,500</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- \$1,017,500 is needed to contract the roof upgrade and B234 upgrades and to procure materials for the .

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- The upgrades to the Clinic duplex are within the annual expected budget for request. However the B234 upgrades and WWTP roof upgrades could not be planned for due to external factors causing the need for upgrades.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- These projects are necessary to protect NSB facilities and to return those facilities to service.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will not expand the NSB footprint and will decrease O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

REQUESTING ENTITY: Public Works, Facility Maintenance  
PROJECT NAME: Point Lay Facility Upgrades  
LOCATION: Point Lay

➤ None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:  
Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

**Requestor Name and Title:** Roberta Oviok

<b>Requestor Signature:</b> 	<b>Date:</b> 2/21/25
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**Department Director Name:** Scott K. Danner, Public Works Director

<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:31:41 -09'00'	<b>Date:</b>
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REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Point Lay Facility Upgrades

LOCATION: Point Lay

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Facility Maintenance  
 PROJECT NAME: Facility Major Repairs and Upgrades  
 LOCATION: Utqiagvik, Alaska

<b>NSB PLANNING DEPARTMENT USE ONLY</b>			
TEMPORARY/CIP PROJECT NO.:	18-109	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$3,464,888
REQUESTING ENTITY:	NSBPW/Facility Maintenance	AMOUNT RECOMMENDED:	\$3,465,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - North Slope Borough Facilities in Barrow require periodic upgrade or replacements to continue providing essential services to the community. This will be an ongoing project to repair and upgrade NSB Facilities and control systems.
  - Shop 1, 2 and 3 Hybrid upgrades include replacing shop hydronic heating systems that are oversized and inefficient with natural gas unit heaters for shop spaces and providing right sized boilers for the hydronic systems in the offices.
  - NSB Administration Building Heating Upgrades to include new boilers correctly sized, hydronic piping upgrades, pipe insulation and air handler upgrades.
  -
  
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - Shop I Hybrid Option: \$467,400
  - Shop II Hybrid Option: \$486,500
  - Shop III Hybrid Option: \$579,200
  - NSB Admin HVAC Upgrades: \$1,931,700
  - Total ask \$3,464,800
  
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)	PAR		\$118,765
<b>Professional Services</b> (design, legal, other)			\$600,000
<b>Construction/Acquisition</b> (anticipated costs)		PAR estimates	\$1,934,942
<b>Administration</b> (NSB project management)	admin fee	10%	\$253,494
<b>Contingency</b> (if not included in other line items)		20%	\$557,587
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$3,464,888</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

4. **WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes   
 If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.  
 ➤
5. **PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes   
 If Yes, indicate name and CIP project number:  
 If this is a new request, indicate below whether this project could be phased and over how many years.  
 ➤  
 If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.  
 ➤  
 If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.  
 ➤
6. **RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**  
 Is this project included in the Borough's Repair & Replacement Schedule? No  Yes   
 If Yes, is it scheduled for replacement before 2029? No  Yes   
 If No, explain why it should be considered out of sequence:  
 ➤ This project is primarily funded to upgrade capital assets that have failed and are at the end of useful life.
7. **PROJECT JUSTIFICATION:** Explain why this project is necessary.  
 Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Facility Major Repairs and Upgrades

LOCATION: Utqiagvik, Alaska

- This facility upgrade project improve the Borough's infrastructure, such as the structural, mechanical, electrical and control systems which are currently all in frequent need of major repairs and upgrades to continue to be safe and suitable for use.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- No expansion of services. A decrease in O&M costs are expected.

Indicate if this is a reoccurring upgrade or repair.

- This will not be a reoccurring request for these facilities once completed.

Detail outside funds being leveraged, if applicable.

- None

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No

Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: Utqiagvik Mechanics Shops Heating System Analysis May 2024. North Slope Borough Administration Building - Boiler Upgrade, July 2024.

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

REQUESTING ENTITY: Public Works, Facility Maintenance  
PROJECT NAME: Facility Major Repairs and Upgrades  
LOCATION: Utqiagvik, Alaska

**REQUESTOR INFORMATION**

**Requestor Name and Title:** Roberta Oviok Facility Maintenance Division Program Manager

<b>Requestor Signature:</b> 	<b>Date:</b> 2/21/25
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**Department Director Name:** Scott K. Danner

<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:30:02 -09'00'	<b>Date:</b>
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**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Facility Maintenance  
 PROJECT NAME: Nuiqsut Public Works Shop Replacement  
 LOCATION: Nuiqsut

<b><u>NSB PLANNING DEPARTMENT USE ONLY</u></b>			
TEMPORARY/CIP PROJECT NO.:	18-113	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$2,200,000
REQUESTING ENTITY:	Public Works Facility Maintenance	AMOUNT RECOMMENDED:	\$2,200,000

NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
**CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This project request seeks to upfund design for the new Nuiqsut Public Works Shop Replacement project. The existing building has documented structural floor problems. Previous funds for a design PAR were not encumbered. The new Wainwright PW facility is intended to be a template for new PW shop facilities. The design needs to be updated for this site and the verify geotechnical conditions for this building

PRC 2019 allocated \$300,000 for design.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ This project request for design is for an additional \$2,200,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services	Based on the AKP PW design contract	\$2,000,000

<b>Construction/Acquisition</b> (anticipated costs)			\$TBD
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$200,000
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$2,200,000
<b>TOTAL PROJECT COST (if different)</b>			\$TBD

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

- \$800,000 is needed to get the design contract funded to begin design and site investigations.

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- This project is anticipated to be phased as design and construction.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- \$2,200,000 is needed this year to fully fund the design contract. The construction budget is TBD.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project is needed replace the old warm storage building and provide adequate warm vehicular storage space. The existing facility has deteriorated and requires replacement. The bay floor is patched with steel plates to support equipment. UMIAQ Design provided a structural memo saying the floor is not safe for use.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will modify NSB footprint and will decrease O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

- None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- UMIAQ Design submitted a inspection report to the NSB on the warm storage bay floor.

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:



Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

- 

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

- 

REQUESTOR INFORMATION		
<b>Requestor Name and Title:</b> Roberta Oviok		
<b>Requestor Signature:</b> 	<b>Date:</b> 2/21/25	
<b>Department Director Name:</b> Scott K. Danner, Public Works Director		
<b>Department Director Signature:</b> 	Digitally signed by Scott Danner Date: 2025.02.24 15:31:55 -09'00'	<b>Date:</b>

REQUESTING ENTITY: Public Works, Facility Maintenance  
PROJECT NAME: Nuiqsut Public Works Shop Replacement  
LOCATION: Nuiqsut

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Enterprises & Energy Management  
 PROJECT NAME: Wainwright Power Plant  
 LOCATION: Wainwright

<b>NSB PLANNING DEPARTMENT USE ONLY</b>			
TEMPORARY/CIP PROJECT NO.:	18-124	TYPE:	Upfund
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$59,043,107
REQUESTING ENTITY:	Public Works Ent. & Energy Mnt.	AMOUNT RECOMMENDED:	\$20,000,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.

This project request seeks funding to replace the existing Wainwright Power Plant with a new power plant. The existing facility is old and unreliable. Power interruption, spikes and brownouts are common when the starting and stopping generators due to the aged switchgear. The facility caught fire in 2024 causing a community power outage affecting residents and water and sewer utilities.

This project was part of a multi-year planned effort to upgrade the aged Public Works facilities at this site. The first step was construction of the new Public Works Shop followed by construction of a new power plant, as the old PW shop land opened up. As the new PW Shop is completed, it is time to move forward with updating the Power Generation facility.

PRC 2024 funded \$5,000,000

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - Project request is \$20,000,000.
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	A&E Design	From Design/Build Contractor number	\$2,119,900
<b>Construction/Acquisition</b> (anticipated costs)		Design/Build Contractor Estimate	\$44,554,493
<b>Administration</b> (NSB project management)	CIPM Administration 10%		\$4,667,439
<b>Contingency</b> (if not included in other line items)	15%		\$7,701,274
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$
<b>TOTAL PROJECT COST (if different)</b>			\$59,043,107

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤ \$

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- This project can be phased with annual upfunds, but once construction starts, funding will have to be provided head of construction needs. Anticipated funding needs 2024 Phase 1 funded \$5,000,000, 2025 funding needs \$20,000,000, 2026 funding \$20,000,000 and 2027 funding \$14,000,000 based on today's numbers.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

REQUESTING ENTITY: Public Works, Enterprises & Energy Management

PROJECT NAME: Wainwright Power Plant

LOCATION: Wainwright

- This project will provide a new power plant for Wainwright, that replaces the existing facility that has exceeded its useful service life. Power generation is critical infrastructure and critical to the many missions of PW. The facility will continue to cost the NSB more than a new facility to operate, and risk supporting the community with power.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will initially increase the NSB footprint, while expecting to be a net zero increase if the old facility is decommissioned or demolished. The O&M costs are expected to be reduced.

Indicate if this is a reoccurring upgrade or repair.

- This is a one time project.

Detail outside funds being leveraged, if applicable.

- None.

#### 8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- 

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- However due to the frequent power interruptions and recent fire, the facility condition and longevity are in question and moving forward on this project is necessary for the long term power needs for the community and Public Works mission.

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- However this projects new generators will emit less pollutants.

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- However this project will allow for the decommissioning an old facility that is a operation risk for the NSB.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- This project will generate an operational cost saving to the NSB but the life cycle numbers have not been developed by the A/E's on the project as of yet.

#### 9. PROJECT ANALYSIS REPORT (PAR) STATUS:

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

#### 10. ATTACHMENTS: List any supplemental information submitted with this request.

-

REQUESTING ENTITY: Public Works, Enterprises & Energy Management  
PROJECT NAME: Wainwright Power Plant  
LOCATION: Wainwright

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



**REQUESTOR INFORMATION**

**Requestor Name and Title:** James Aiken, Jr., Deputy Director, Enterprises & Energy Management

<b>Requestor Signature:</b> <i>James Aiken</i>	<b>Date:</b> 2/21/2025
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**Department Director Name:** Scott K. Danner, Public Works Director

<b>Department Director Signature:</b> <i>Scott Danner</i>	Digitally signed by Scott Danner Date: 2025.02.24 15:31:03 -09'00'	<b>Date:</b>
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**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Facility Maintenance  
 PROJECT NAME: Search & Rescue Upgrades  
 LOCATION: Point Hope

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	18-New-## 03	TYPE:	New
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$5,280,000
REQUESTING ENTITY:	Public Works Facility Maintenance	AMOUNT RECOMMENDED:	\$5,280,000

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 North Slope Borough Facilities in Point Hope require periodic upgrade or replacements to continue providing essential services to the community. This will be an ongoing project to repair and upgrade NSB Facilities and control systems. Point Hope Volunteer Search and Rescue Building upgrade renovation.
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.  
 > This project request for \$5,280,000
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services	15%	\$400,000
<b>Construction/Acquisition</b> (anticipated costs)			\$3,600,000

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Search & Rescue Upgrades

LOCATION: Point Hope

<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$400,000
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$880,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			<b>\$5,280,000</b>
<b>TOTAL PROJECT COST (if different)</b>			<b>\$</b>

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

➤

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

➤ This project could be phased into Design and Construction budgets.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

➤

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

➤ This project is primarily funded to upgrade capital assets that have failed to and reached the end of useful lift.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

➤ This facility upgrade project improves the Borough's infrastructure, such as structural mechanical, electrical and controls systems, which are in need of frequent major repairs and upgrade to continue to be safe and suitable for use.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

➤ This project will not expand the NSB footprint and will decrease O&M costs.

Indicate if this is a reoccurring upgrade or repair.

➤ This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

➤ None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Search & Rescue Upgrades

LOCATION: Point Hope

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date: Point Hope SAR Building Upgrade condition survey/concept report, November 15, 2024.

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

**Requestor Name and Title:** Roberta Oviok

**Requestor Signature:**



**Date:** 2/21/25

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**



Digitally signed by Scott Danner  
Date: 2025.02.24 15:31:15 -09'00'

**Date:**

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Search & Rescue Upgrades

LOCATION: Point Hope

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Transit Building Roof

LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	18-New-## 05	TYPE:	New
DATE SUBMITTED:	2/25/25	AMOUNT REQUESTED:	\$440,000
REQUESTING ENTITY:	Public Works Facility Maintenance	AMOUNT RECOMMENDED:	\$440,000

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
This project request seeks funding for upgrades to the Transit Building Roof. The roof is in disrepair and requires replacement. The underlying structure may require upgrades to support the new roof.

2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.

➤ This project request for design is for \$440,000

3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services	15%	\$400,000
<b>Construction/Acquisition</b> (anticipated costs)			\$TBD

<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$40,000
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$440,000
<b>TOTAL PROJECT COST</b> (if different)			\$TBD

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.

- The condition of the roof is such that it is uncertain how many years of service remain and a replacement is urgently needed. LOI funding will allow a Design contract to be put in place and to scope the project by PRC 2026.

**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- This project could be phased 1 - design only, 2 - construction

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.

➤

If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- \$440,000 is needed to get the design moving and the construction phase request in 2026 would be based on the engineers estimate.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- This project is needed to replace the Transit building roof. The roof requires replacement and structural upgrade for continued facility service. Without timely replacement, O&M costs will continue to increase and the facility may become partially or complete unoccupiable.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project is needed to replace the Transit building roof. The roof requires replacement and structural upgrade for continued facility service.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will not expand the NSB footprint and will decrease O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

- None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

**Requestor Name and Title:** Roberta Oviok

**Requestor Signature:**

*Roberta Oviok*

**Date:** 2/21/25

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**

*Scott Danner*

Digitally signed by Scott Danner  
Date: 2025.02.24 15:30:34 -09'00'

**Date:**

REQUESTING ENTITY: Public Works, Facility Maintenance  
PROJECT NAME: Transit Building Roof  
LOCATION: Utqiagvik

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Facility Maintenance  
 PROJECT NAME: Atqasuk Warm Storage Building Floor Upgrades  
 LOCATION: Atqasuk

<b><u>NSB PLANNING DEPARTMENT USE ONLY</u></b>			
TEMPORARY/CIP PROJECT NO.:	18-New	TYPE:	New
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Facility Maintenance	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
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3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
 This project request seeks funding for upgrades to the Warm Storage Building floor. The floor structure in the water truck bay is damaged and needs upgrades to support the water truck. The floor structure in the adjacent bathroom and underlying utilidor will also require replacement as part of this facility upgrade.
  
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year’s expenditure estimate, administrative estimate, and contingency.
  - This project request for design is for \$550,000
  
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services	15%	\$500,000

REQUESTING ENTITY: Public Works, Facility Maintenance  
 PROJECT NAME: Atqasuk Warm Storage Building Floor Upgrades  
 LOCATION: Atqasuk

<b>Construction/Acquisition</b> (anticipated costs)			\$0
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$50,000
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$550,000
<b>TOTAL PROJECT COST (if different)</b>			\$TBD

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- The project can be phased into design and construction.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- This request is for the design phase at \$550,000. The construction costs will be determined by engineers estimate and are TBD.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- The facility bay is needed in order to store the water truck in a warm space. Warm storage space is limited and if the floor fails, the the water truck will displace another piece of PW equiment in the warm storage. The bathroom and utilidor are also is disrepair and require updates to provide continued service to the facility.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project is needed to maintain wate truck storage and utilities to the building.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will not expand the NSB footprint and will decrease O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

➤ None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:


Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

REQUESTOR INFORMATION	
Requestor Name and Title: Roberta Oviok	
Requestor Signature: 	Date: 2/21/25
Department Director Name: Scott K. Danner, Public Works Director	
Department Director Signature:	Date:

REQUESTING ENTITY: Public Works, Facility Maintenance  
PROJECT NAME: Atqasuk Warm Storage Building Floor Upgrades  
LOCATION: Atqasuk

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

- 

**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

-

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Point Hope USDW Floor Upgrade

LOCATION: Point Hope

**NSB PLANNING DEPARTMENT USE ONLY**

TEMPORARY/CIP PROJECT NO.:	18-NEW-##	TYPE:	New
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works Facility Maintenance	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
PLANNING AND COMMUNITY SERVICES  
CIP PROJECT REQUEST FORM**

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**Instructions:**

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3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.  
The Point Hope USDW flooring is in need of upgrade in the shop areas. The flooring is failing and it is not safe to park vehicles or equipment in the bays. The floor needs upgrades so equipment and vehicles can be parked indoors during the winter months to support daily operations.
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - This project request for design is for \$880,000
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost
<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services	15%	\$0
<b>Construction/Acquisition</b> (anticipated costs)			\$800,000

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Point Hope USDW Floor Upgrade

LOCATION: Point Hope

<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$80,000
<b>Contingency</b> (if not included in other line items)	Contingency	20%	\$
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$880,000
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.



If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- \$880,000 is needed to begin design of the floor upgrades

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- The USDW building supports the daily mission of Public Works serving Point Hope. If equipment cannot be stored in warm storage, the community services may become reduced or impaired if equipment goes down.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project would restore to warm storage bays to service allowing equipment to park indoors and be mission ready. The bay floors are failing and require replacement to support vehicle and equipment loads.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

- This project will not expand the NSB footprint and will decrease O&M costs.

Indicate if this is a reoccurring upgrade or repair.

- This is a one-time upgrade.

Detail outside funds being leveraged, if applicable.

- None at this time.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Point Hope USDW Floor Upgrade

LOCATION: Point Hope

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A

Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤ N/A.

Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

➤

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.

➤

**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.

➤

**REQUESTOR INFORMATION**

Requestor Name and Title: Roberta Oviok

Requestor Signature: 	Date: 2/21/25
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Department Director Name: Scott K. Danner, Public Works Director

Department Director Signature:	Date:
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REQUESTING ENTITY: Public Works, Facility Maintenance

PROJECT NAME: Point Hope USDW Floor Upgrade

LOCATION: Point Hope

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

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**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

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**REQUESTING ENTITY: Public Works**  
**PROJECT NAME: Areawide Facility Supervisory Controls**  
**LOCATION: Areawide**

<b><i>NSB PLANNING DEPARTMENT USE ONLY</i></b>			
TEMPORARY/CIP PROJECT NO.:	18-NEW-01	TYPE:	New
DATE SUBMITTED:		AMOUNT REQUESTED:	
REQUESTING ENTITY:	Public Works	AMOUNT RECOMMENDED:	

**NORTH SLOPE BOROUGH  
 PLANNING AND COMMUNITY SERVICES  
 CIP PROJECT REQUEST FORM**

Use this form for all project requests, except equipment and/or vehicle purchases or replacements

**Instructions:**

1. Fill out this document electronically
2. Convert the document to a PDF and sign electronically
3. Send an original signed and dated copy via inter-office or regular mail to the NSB Planning Department.

**Incomplete or unsigned requests are unacceptable and will be returned.**

1. **PROJECT DESCRIPTION:** If this request is for an areawide project, indicate what is being requested by village. Attach additional sheets if necessary.
  - The project would provide a common platform for all NSB facility Programmable Logic Controller, sensor and device data to report to. At this time, PG&D, FM and W&S all use separate software platforms, communication protocols and contractors to implement, maintain and report data from the facilities. This creates redundancy in software licenses and NSB contractor user accounts, and inefficiencies in system management and user training and operation.
  - The project would work with Department of Administration, Infocom and Public Works to establish needs and design the system architecture to aggregate the facility data and display it for local and remote users to view. This project includes alarm notifications to be pushed out to users.
  - This project makes sense at this time, as the NSB is upgrading the bandwidth on the network, and providing redundancy for network communications for failover situations, focusing on EMS communications and critical infrastructure support.
2. **DOLLAR (\$) AMOUNT OF THIS REQUEST:** Indicate the dollar (\$) amount with a breakdown of anticipated expenditure for this funding cycle only. This amount should include the PAR cost if applicable, this year's expenditure estimate, administrative estimate, and contingency.
  - This project request is for \$660,000
3. **PROJECT COST:** Complete the project cost table below as completely as possible.

Item	Description	Source of Cost (actual cost, PAR estimate, vendor quote)	Cost

REQUESTING ENTITY: Public Works

PROJECT NAME: Areawide Facility Supervisory Controls

LOCATION: Areawide

<b>Recoverable Pre-Project Costs</b> (PAR, other studies or reports, etc.)			\$
<b>Professional Services</b> (design, legal, other)	Professional Services		\$500,000
<b>Construction/Acquisition</b> (anticipated costs)			\$
<b>Administration</b> (NSB project management)	CIPM Administration	10%	\$50,000
<b>Contingency</b> (if not included in other line items)	Contingency 20%		\$110,000
<b>Other Costs</b> (with description)			\$
<b>TOTAL</b>			\$660,000
<b>TOTAL PROJECT COST (if different)</b>			\$

**4. WILL ALL OR A PORTION OF FUNDING BE NEEDED BEFORE NOVEMBER 2024?** No  Yes

If Yes, please identify how much will be needed prior to November 2024 and justify why it will be needed.



**5. PROJECT PHASING OR UPFUND:** Is this a phased project or a follow-up to an existing CIP project? No  Yes

If Yes, indicate name and CIP project number:

If this is a new request, indicate below whether this project could be phased and over how many years.

- Yes this project can be phased into two phases.

If this request is an areawide project, provide an estimated cost breakdown for how much will be spent at each site.



If this request is a phased project, indicate how much will be needed this year and in future years to complete the project.

- The first phase of this project will determine the costs for subsequent phases.

**6. RELATIONSHIP TO NSB REPAIR & REPLACEMENT SCHEDULE:**

Is this project included in the Borough's Repair & Replacement Schedule? No  Yes

If Yes, is it scheduled for replacement before 2029? No  Yes

If No, explain why it should be considered out of sequence:

- The project will consolidate NSB operations and softwares, while making the systems more manageable and usable.

**7. PROJECT JUSTIFICATION:** Explain why this project is necessary.

Explain how this project will benefit the current infrastructure or service levels including an explanation of current deficiencies.

- This project will use one platform to host all of the PW facility information. It is reduce reoccurring software licensing, redundant contractor fees and reduce the number of users with access to the NSB network. The project would also provide user interfaces that are tailored for each site. The project would also provide alarm notifications to users and management.

Indicate if this project will expand facilities and/or services and if it will entail increased operating and maintenance costs.

REQUESTING ENTITY: Public Works

PROJECT NAME: Areawide Facility Supervisory Controls

LOCATION: Areawide

- This project will reduce operating costs by reducing the maintenance costs associated with software licensing and contractor management contracts.

Indicate if this is a reoccurring upgrade or repair.

- This will not be a reoccurring upgrade.

Detail outside funds being leveraged, if applicable.

- None.

**8. PLEASE RESPOND TO THE FOLLOWING QUESTIONS:**

Is this project in response to a formal warning, a notice of violation (NOV) issuance, or a requirement for a plan of action, relating to a Borough service or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an imminent structural failure as documented in writing by a licensed engineer or architect? No

Yes  (If Yes, include written verification)

Explanation, if necessary:



Does the project address an environmental condition that without immediate action an imminent, verifiable and documented threat to public health exists? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Has a risk assessment been conducted that documents that a capital investment will avoid failure of a vital Borough function or facility? No  Yes  (If Yes, include written verification)

Explanation, if necessary:



Will this project generate a significant cost saving/reduction to the Borough operating budget? No  Yes  (If Yes, include written verification)

Explanation, if necessary:

- While this project is not anticipated to directly provide significant costs saves to the NSB, it is anticipated that indirect saving could be signification. The system should provide alarms for freezeups or fires, which do dramatically affect the NSB budget.

**9. PROJECT ANALYSIS REPORT (PAR) STATUS:**

Has a PAR for this project been completed? No  Yes  If Yes, include PAR name and date:

Attach a copy of an executive summary, if possible.

**10. ATTACHMENTS:** List any supplemental information submitted with this request.



**11. ADDITIONAL INFORMATION:** Include any pertinent information not requested elsewhere.



REQUESTING ENTITY: Public Works  
PROJECT NAME: Areawide Facility Supervisory Controls  
LOCATION: Areawide

**REQUESTOR INFORMATION**

**Requestor Name and Title:** Robert Terzioski, Deputy Director

**Requestor Signature:**

**Date:**

**Department Director Name:** Scott K. Danner, Public Works Director

**Department Director Signature:**

**Date:**

**NSB PLANNING DEPARTMENT USE ONLY**

**Summary of PRC and Planning Commission discussion and recommendation:**

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**Special instruction from PRC and Planning Commission to requesting entity or NSB Department(s):**

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