

Azure Adoption to Assist with Cloud Migration

FY2022 Request: \$23,116,000

Reference No: 63843

AP/AL: Appropriation

Project Type: Information Technology / Systems / Communication

Category: General Government

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Leslie Isaacs

Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)465-5655

Brief Summary and Statement of Need:

Obtain professional assistance with State of Alaska migration to the Cloud.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1004 Gen Fund	\$23,116,000						\$23,116,000
Total:	\$23,116,000	\$0	\$0	\$0	\$0	\$0	\$23,116,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec5 Ch8 SLA2020 P64 L12 HB205 \$1,250,000

Project Description/Justification:

The State of Alaska has embarked on establishing a digital cloud environment to modernize information technology (IT) systems and manage IT costs, and provide a location where departments and the Office of Information Technology (OIT) can migrate/build servers and applications. The cloud environment is being set up and configured within Microsoft Azure.

The cloud benefits of infrastructure flexibility, utilization transparency, high availability, and added security are critical to the State’s ability to respond to budget fluctuations, unexpected pandemic situations, and reduce waste/gain efficiencies identified in the Alaska Administrative Productivity and Excellence assessment (<http://doa.alaska.gov/aapex/>). The State of Alaska cannot accelerate cloud adoption or realize these benefits without further cloud migration assistance. This is particularly the case with larger applications that can take multiple years to migrate.

Funding to assist department adoption is critical for the State to fully leverage cloud benefits. Over the past 14 months the cloud landing zone, governance, security, and billing controls have been built. For the past 8 months the State of Alaska has been utilizing COVID-19 response funds to work with departments developing cloud migration plans for their applications and servers.

The funding meets the following American Rescue Plan Act (ARPA) requirements,

Azure Adoption to Assist with Cloud Migration

FY2022 Request: \$23,116,000
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1. Capital project: funding will go towards specific applications identified in each department.
2. No reoccurring costs: These are professional one-time services to assist with cloud migrations. OIT and departments application teams will continue to support applications once they are in the cloud just as they do today.
3. Economic recovery benefit for Alaska: Alaska IT Professional Services vendors listed in the State of Alaska Task Order Procurement System will be used for contracting.
4. Work completed by end of 2024: ARPA funds will only be used to pay for approved cloud migration work performed on or before December 31, 2024.

Previous Accomplishments:

1. Governance Modernization
2. Azure Identify Security and Cost Assessment
3. Fish and Game eCommerce

Line Item Allocation:

Line Item	Amount
1000 Personal Services	
2000 Travel	
3000 Services	\$23,116,000
4000 Commodities	
5000 Capital Outlay	
7000 Grants	
TOTAL	\$23,116,000

Suicide Prevention Barriers

FY2022 Request: \$750,000
Reference No: 63893

AP/AL: Appropriation **Project Type:** Life / Health / Safety
Category: Public Protection
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** April Wilkerson
Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-3460

Brief Summary and Statement of Need:

Installation of suicide prevention jump protection barriers within three housing units at the Anchorage Correctional Center, Goose Creek Correctional Center, and Spring Creek Correctional Center. These barriers are necessary to provide safe and secure settings for the prison population in an effort to prevent individuals from harming themselves or others while being housed in the least restrictive environment within these prisons. These modifications will include new security glazing in cell doors, and jump barriers. It will also provide a conceptual design for the replacement of the existing hand railing for suicide prevention.

Funding:	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1004 Gen Fund	\$750,000						\$750,000
Total:	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

Suicide prevention is one of this administration’s top priorities. 220 mentally ill offenders are housed in three subacute units across the DOC system. These units all have two housing tiers and each year three to five offenders attempt suicide from the top tiers. DOC is requesting funding for installation of suicide prevention/jump protection barriers for the following subacute mental health units:

- ACCW Juliet Mod (36 beds)
- GCCC Charlie Mod (128 beds)
- SCCC Echo Mod (56 beds)

School Construction Grant Fund (AS 14.11.005)

FY2022 Request: \$54,895,544
Reference No: 64001

AP/AL: Appropriation with Allocations
Category: Education
Location: Napakiak
Impact House District: Lower Kuskokwim (HD 38)
Estimated Project Dates: 07/01/2021 - 06/30/2026

Project Type: Education
House District: Lower Kuskokwim (HD 38)
Contact: Heidi Teshner
Contact Phone: (907)465-2875

Brief Summary and Statement of Need:

The School Construction Grant Fund is the Department of Education and Early Development (DEED) construction and major maintenance grant program funded by the legislature based on the two priority lists developed during the department’s annual Capital Improvement Project rating process. Under AS 14.11.011, DEED accepts applications for school construction and major maintenance grants and then scores and prioritizes the applications.

This appropriation is an allocation for the #1 project on the November 5, 2021 School Construction Capital Improvement Project priority list – William N. Miller K-12 Memorial School Replacement – Napakiak

Funding:	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1004 Gen Fund	\$22,111,544						\$22,111,544
1222 REAA Fund	\$32,784,000						\$32,784,000
Total:	\$54,895,544	\$0	\$0	\$0	\$0	\$0	\$54,895,544

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

Due to advancing river erosion and loss of property, the William N. Miller K-12 Memorial School requires replacement. This project reimburses the district for funds expended to remove the existing bulk fuel tanks, as required by the U.S. Coast Guard due to river erosion. It also funds design and construction of a replacement school of approximately 23,206 square feet. It replaces 24,647 square feet of facilities built between 1973 and 1984. Existing facilities will be remediated and demolished or relocated as practicable. Currently, the school is operating at 104 percent capacity, with 3 unhoused students.

School Construction Grant Fund (AS 14.11.005)

FY2022 Request: \$54,895,544

Reference No: 64001

The total cost to replace this school is \$56,015,861. The State Share totals \$54,895,544 however, a portion of the cost would be funded by the REAA and Small Municipal School District School Fund which totals \$32,784,000 in FY2023. This brings the total unrestricted general funds down to \$22,111,544.

In FY2022, \$3,132,000 was appropriated towards the William N. Miller K-12 School Demolition, Napakiak (Ch. 1, TSSLA 2021, section 7, page 10, line 18). This prior capital project request is accounted for when determining the remaining State Share of \$54,895,544.

**William N. Miller K-12 Memorial School Replacement,
Napakiak**

**FY2022 Request: \$54,895,544
Reference No: 64003**

AP/AL: Allocation
Category: Education
Location: Napakiak

Project Type: Education
House District: Lower Kuskokwim (HD 38)
Contact: Heidi Teshner

Impact House District: Lower Kuskokwim (HD 38)
Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)465-2875

Appropriation: School Construction Grant Fund (AS 14.11.005)

Brief Summary and Statement of Need:

This School Construction appropriation will fund project #1 on the November 5, 2021 School Construction Capital Improvement Project priority list – William N. Miller K-12 Memorial School Replacement – Napakiak. This project will construct a new 23,206 square foot facility.

Funding:	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1004 Gen Fund	\$22,111,544						\$22,111,544
1222 REAA Fund	\$32,784,000						\$32,784,000
Total:	\$54,895,544	\$0	\$0	\$0	\$0	\$0	\$54,895,544

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
<u>One-Time Startup:</u>	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec7 Ch1 SLA2021 P10 L18 HB3003 \$3,132,000

Project Description/Justification:

Due to advancing river erosion and loss of property, the William N. Miller K-12 Memorial School requires replacement. This project reimburses the district for funds expended to remove the existing bulk fuel tanks, as required by the U.S. Coast Guard due to river erosion. It also funds design and construction of a replacement school of approximately 23,206 square feet. It replaces 24,647 square feet of facilities built between 1973 and 1984. Existing facilities will be remediated and demolished or relocated as practicable. Currently, the school is operating at 104 percent capacity, with 3 unhoused students.

The total cost to replace this school is \$56,015,861. The State Share totals \$54,895,544 however, a portion of the cost would be funded by the REAA and Small Municipal School District School Fund which totals \$32,784,000 in FY2023. This brings the total unrestricted general fund portion of the capital project to \$22,111,544.

In FY2022, \$3,132,000 was appropriated towards the William N. Miller K-12 School Demolition,

**William N. Miller K-12 Memorial School Replacement,
Napakiak**

**FY2022 Request: \$54,895,544
Reference No: 64003**

Napakiak (Ch. 1, TSSLA 2021, section 7, page 10, line 18). This prior capital project request is accounted for when determining the remaining State Share of \$54,895,544.

Information Technology Security Program Assessment

FY2022 Request: \$1,900,000

Reference No: 63907

AP/AL: Appropriation

Project Type: Information Technology / Systems / Communication

Category: Health/Human Services

Recipient: Various

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Amy Burke

Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)465-1624

Brief Summary and Statement of Need:

In May of 2021 the Department of Health and Social Services (DHSS) experienced a cyberattack. The post incident review includes a Security Posture Assessment which allows the contractor to review the Department from the following aspects: 1) People: evaluate the Enterprise Information Security program, subject matter experts and stakeholders within DHSS, 2) Process: from the NIST 800-53 RMF control set, assess in scope processes and controls across the department, and 3) Technology: include technology assessment within the NIST 800-53 RMF control set.

Funding:	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1004 Gen Fund	\$1,900,000						\$1,900,000
Total:	\$1,900,000	\$0	\$0	\$0	\$0	\$0	\$1,900,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

After the cyberattack on May 2, 2021, the Commissioner of the Department of Health and Social Services (DHSS) requested an assessment on the DHSS Department Security Office. The goal is to provide the commissioner and the administration a comprehensive security assessment of the Department Security Office so that resources are best focused on areas that have been identified as needing improvement.

What is the purpose of the project?

The goal of this Security Posture Assessment (SPA) is to obtain a third-party external assessment of the DHSS Department Security Office to identify the overall effectiveness of the security program and provide recommendations on how to lower the overall department information technology (IT) risk level.

Is this a new systems development project? Or an upgrade or enhancement to existing department capabilities?

There would be no new systems from this assessment, but recommendations of new systems are possible.

Specifically, what hardware, software, consulting services, or other items will be purchased with this funding? Include a line-item breakdown.

This would be a professional services contract to obtain a professional security assessment of the Department's Department Security Office.

How will service to the public be measurably improved if this project is funded?

A measurable outcome will be the reduction of department risk to cyber events, data breaches or hacking of IT's information systems.

Will the project affect the way in which other public agencies conduct their business?

The Security Posture Assessment will look at process as one aspect of the review and will provide recommendations for process improvement.

What is the potential out-year cost implications if this project is approved? (Bandwidth requirements, etc.)

Lowering the department information technology systems risk may require IT resources, additional staff time, contractors, and modifications to existing systems.

What will happen if the project is not approved?

Department risk will not be improved so the overall risk to the Department will remain constant at the current level. Resources directed to improve the security posture of the department may not be well spent and directed to issues that may not improve overall department risk.

If another cyberattack occurred. it could potentially cost the Department millions of dollars in recovery efforts and fines. Without the SPA, the Department runs the risk of additional attacks, loss, and fines that could otherwise be avoided.