

Deferred Maintenance, Renewal, Repair and Equipment**FY2016 Request: \$3,000,000****Reference No: AMD 49602****AP/AL:** Appropriation with Allocations**Project Type:** Deferred Maintenance**Category:** General Government**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Cheryl Lowenstein**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)465-5655**Brief Summary and Statement of Need:**

This appropriation is for deferred maintenance projects for the Department of Administration which include projects for the Public Building Fund (PBF) and Non-PBF facilities as well as projects for the State of Alaska Telecommunication System (SATS) infrastructure and Enterprise Technology Services (ETS) facilities.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | \$3,250,000 | \$3,250,000 | \$3,250,000 | \$3,250,000 | \$3,250,000 | \$16,250,000 |
| PublicBldg | \$3,000,000 | \$3,000,000 | \$3,000,000 | \$3,000,000 | \$3,000,000 | \$3,000,000 | \$18,000,000 |
| Total: | \$3,000,000 | \$6,250,000 | \$6,250,000 | \$6,250,000 | \$6,250,000 | \$6,250,000 | \$34,250,000 |

| | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

Prior year funding has occurred for both the PBF and Non-PBF facilities as well as for the SATS infrastructure projects. See project allocations for additional information.

General Services Public Building Fund Buildings Deferred Maintenance **FY2016 Request: \$3,000,000**
Reference No: AMD 54089

AP/AL: Allocation **Project Type:** Deferred Maintenance
Category: General Government
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Cheryl Lowenstein
Estimated Project Dates: 07/01/2015 - 06/30/2020 **Contact Phone:** (907)465-5655
Appropriation: Deferred Maintenance, Renewal, Repair and Equipment

Brief Summary and Statement of Need:

This project will continue addressing deferred maintenance needs in the State Office Building, the Public Safety Building, the Dimond Courthouse, the Alaska Office Building, the Atwood Building and the Community Building.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Gen Fund | | \$3,250,000 | \$3,250,000 | \$3,250,000 | \$3,250,000 | \$3,250,000 | \$16,250,000 |
| PublicBldg | \$3,000,000 | \$3,000,000 | \$3,000,000 | \$3,000,000 | \$3,000,000 | \$3,000,000 | \$18,000,000 |
| Total: | \$3,000,000 | \$6,250,000 | \$6,250,000 | \$6,250,000 | \$6,250,000 | \$6,250,000 | \$34,250,000 |

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
☒ On-Going
 0% = Minimum State Match % Required
☒ Amendment
☐ Mental Health Bill

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P2 L18 SB 119 \$4,000,000
 Sec1 Ch16 SLA2013 P3 L12 SB 18 \$6,250,000
 Sec1 Ch17 SLA2012 P3 L23 SB 160 \$6,250,000
 Sec1 Ch5 SLA2011 P3 L22 SB 46 \$4,515,000
 Sec4 Ch43 SLA2010 P9 L17 SB 230 \$5,800,000
 Sec1 Ch2 SLA2009 P2 L15 SB 75 \$2,800,000
 Sec10 Ch29 SLA2008 P32 L28 SB 221 \$2,500,000

Project Description/Justification:

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations. Other public building fund projects amount to an additional \$117,617,000.

| Dept Priority | Project Title | Project Cost | Project Description | Location (City) | House District |
|----------------------|--------------------------------------|---------------------|---|------------------------|-----------------------|
| 1 | Atwood Bldg. - Life / Safety Upgrade | \$50.0 | Replace emergency evacuation chairs in stairwells | Anchorage | 12-28 |

General Services Public Building Fund Buildings Deferred Maintenance

**FY2016 Request:
Reference No:**

**\$3,000,000
AMD 54089**

| | | | | | |
|-------------------------------|--|------------------|---|-----------|-------|
| 2 | State Office Bldg. - Life / Safety Upgrade | \$50.0 | Install emergency evacuation chairs in stairwells | Juneau | 33-34 |
| 3 | Atwood Bldg. - Life / Safety Upgrade | \$620.0 | Remove current emergency generator, and replace with 1000Kwh unit to add building State Microwave Center and Atwood Agency Data Center | Anchorage | 12-28 |
| 4 | Atwood Bldg. - Life / Safety | \$95.0 | Purchase and install illuminated treads on both stairways. | Anchorage | 12-28 |
| 5 | State Office Building - Interior Upgrade | \$250.9 | Phase 1 - Prepare biddable specifications and drawings to remodel vacant suites resulting from SLAM. | Juneau | 33-34 |
| 6 | State Office Bldg. - Building Envelope | \$200.0 | Birds are pecking holes in roof membrane. Additional protection in the form of decking is required to prevent costly roof repairs | Juneau | 33-34 |
| 7 | State Office Bldg - Mechanical Upgrade | \$75.9 | Water pipeline from street was identified as in need of replacement 10 years ago. Pipe is in original condition. | Juneau | 33-34 |
| 8 | Fairbanks Regional Office Bldg - Mechanical & Roof Upgrade | \$42.0 | Replace leaking roof drain piping under 7th Ave. sidewalk and street out to storm drain. Causing water backup and the piping to leak, seeping into the lower level of the building. | Fairbanks | 1-5 |
| 9 | Dimond Courthouse - Mechanical Upgrade | \$750.0 | Chiller water currently being dumped to drain. Need a method of recovering this water via a heat exchanger or cooling tower located above the fuel tank. | Juneau | 33-34 |
| 10 | Court Plaza Building - Parking Garage Restoration | \$381.0 | Repair slabs at 2nd & Gold street parking garage | Juneau | 33-34 |
| 11 | Atwood Bldg. - Mechanical Upgrade & Life / Safety | \$56.5 | Install fire suppression in 13th and 14th elevator machine rooms | Anchorage | 12-28 |
| 12 | Linny Pacillo Parking Garage - Exterior Upgrade | \$78.8 | Repair expansion joint and crack leaks on levels 9 & 10 | Anchorage | 12-28 |
| 13 | Dimond Courthouse - Mechanical Upgrade | \$350.0 | Replace water main from street to building. Existing temporarily rerouted due to corrosion and reroute building's main power conduit | Juneau | 33-34 |
| SUBTOTAL PBF ALLOCATED | | \$3,000.0 | | | |

**Alaska Energy Authority - Round VIII Renewable Energy
Project Grants (AS 42.45.045)****FY2016 Request: \$15,000,000**
Reference No: AMD 57255**AP/AL:** Appropriation**Project Type:** Energy**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Sara Fisher-Goad**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)771-3000**Brief Summary and Statement of Need:**

The Renewable Energy Grant Recommendation Program (REGRP) was created in 2008 with the intent to appropriate \$50 million annually for five years. In 2012, the program was extended to June 30, 2023. The Legislature has appropriated \$247.5 million to date for this program since its creation. Applications have been received and reviewed for the eighth annual round of funding. This funding would fund the top \$15 million of recommended renewable energy projects that have been vetted through AEA's application review process.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Renew Ener | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$90,000,000 |
| Total: | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$90,000,000 |

| | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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:

Sec1 Ch18 SLA2014 P4 L8 SB119 \$22,843,900
Sec1 Ch16 SLA2013 P4 L20 SB18 \$25,000,000
Sec1 Ch17 SLA2012 P6 L15 SB160 \$25,870,659
Sec4 Ch5 SLA2011 P127 L23 SB46 \$26,620,231
Sec7 Ch43 SLA2010 P19 L20 SB230 \$25,000,000
Sec1 Ch15 SLA2009 P2 L23 SB75 \$25,013,014
Sec13 Ch29 SLA2008 P87 L20 SB221 \$100,000,000

Project Description/Justification:**Renewable Energy Fund****Rounds I - VIII Grant and Funding Summary**

As of January 14, 2015

| | Round I | Round II | Round III | Round IV | Round V | Round VI | Round VII | Totals |
|-----------------------|----------------|-----------------|------------------|-----------------|----------------|-----------------|------------------|---------------|
| Applications Received | 115 | 118 | 123 | 108 | 97 | 85 | 86 | 732 |

**Alaska Energy Authority - Round VIII Renewable Energy
Project Grants (AS 42.45.045)**

**FY2016 Request: \$15,000,000
Reference No: AMD 57255**

| | | | | | | | | |
|--------------------------------------|----------|----------|----------|----------------------|----------|----------|----------------------|------------|
| Applications Funded | 80 | 30 | 25 | 74 | 19 | 23 | 26 | 277 |
| Grants Currently in Place | 17 | 7 | 10 | 36 | 17 | 23 | 11 | 121 |
| Grants Completed and Closed | 58 | 21 | 10 | 28 | 1 | 0 | 0 | 118 |
| Grants Cancelled or Combined | 5 | 2 | 4 | 1 | 0 | 0 | 0 | 12 |
| Grants Unissued to Date ¹ | 0 | 0 | 1 | 9 | 1 | 0 | 15 | 26 |
| Amount Requested ² (\$M) | \$ 453.8 | \$ 293.4 | \$ 223.5 | \$ 123.1 | \$ 132.9 | \$ 122.6 | \$ 93.0 | \$ 1,442.3 |
| AEA Recommended (\$M) | \$ 100.0 | \$ 36.8 | \$ 65.8 | \$ 36.6 | \$ 43.2 | \$ 56.8 | \$ 59.1 | \$ 398.3 |
| Appropriated (\$M) | \$ 100.0 | \$ 25.0 | \$ 25.0 | \$ 26.6 ⁴ | \$ 25.9 | \$ 25.0 | \$ 20.0 ⁵ | \$ 247.5 |
| Cash Disbursed (\$M) | \$ 80.0 | \$ 20.5 | \$ 15.0 | \$ 22.3 | \$ 15.4 | \$ 9.0 | \$ 5.4 | \$ 169.6 |
| Match Budgeted (\$M) | \$ 23.6 | \$ 4.5 | \$ 11.0 | \$ 61.6 | \$ 9.0 | \$ 5.7 | \$ 36.7 | \$ 152.1 |
| Match Provided (\$M) ³ | \$ 25.0 | \$ 4.6 | \$ 11.5 | \$ 51.7 | \$ 8.6 | \$.08 | \$ 0 | \$ 101.4 |

1. Grants unissued are due mostly to grantee conditions that require earlier phases of work to be completed first or awaiting grantee action on the grant document.
2. Total grant amount requested by all applicants.
3. Represents only amounts recorded in the grant document and does not capture all other funding.
4. \$26.6 Million was appropriated for Round IV, and an additional \$10.0 million was re-appropriated from rounds I, II and III for use in Round IV.
5. \$20.0 Million was appropriated for Round VII, and an additional \$2.8 million was re-appropriated from previous rounds for use in Round VII.

**Reappropriation for Alaska Energy Authority - Alternative
Energy and Energy Efficiency Programs**

FY2016 Request: \$0
Reference No: AMD 49735

AP/AL: Appropriation

Project Type: Energy

Category: Development

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Sara Fisher-Goad

Estimated Project Dates: 06/30/2015 - 06/30/2019

Contact Phone: (907)771-3000

Brief Summary and Statement of Need:

The unexpended and unobligated balance, not to exceed \$2,200,000 of the estimated balance of \$12,500,000, of the appropriation made in sec. 4, ch. 5, FSSLA 2011, page 137, lines 21-23 (AEA – Mount Spurr Geothermal Project Development - \$12,500,000) is reappropriated to the Alaska Energy Authority for Alternative Energy and Energy Efficiency Programs.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

Sec1 Ch16 SLA2013 P4 L11 SB18 \$2,000,000

Sec1 Ch17 SLA2012 P6 L3 SB160 \$4,800,000

Project Description/Justification:

The purpose of the Alternative Energy and Energy Efficiency (AEEE) program is to advance and implement energy efficiency and renewable/alternative energy fields in Alaska through stakeholder engagement and public education, resource assessments and pre-feasibility studies, research and development, and by addressing regulatory and permitting issues. The primary areas of focus are energy efficiency, hydroelectric, wind, biomass, heat recovery and heat pumps, with work also in solar, river hydrokinetic, tidal and wave energy, geothermal, and local fossil fuels. This will include funding primarily for the Village Energy Efficiency Program.

This request will include funding for the Village Energy Efficiency Program and will provide immediate and lasting energy efficiency improvements to approximately 8-10 communities' public buildings and public infrastructure. The communities will be selected according to the new program regulations, with an emphasis on high energy cost areas, and are expected to save (conservatively) \$3 for every dollar invested by these grants. The programs help achieve the State's goal of 15% energy efficiency improvement by 2020 and AEA's mission of reducing the cost of energy in Alaska. Energy efficiency, especially in high energy areas, is one of the most direct and impactful ways to achieve energy cost savings.

This funding is also used to match federal awards in support of continued development of alternative energy fields specific to Alaska, such as the rapid development of woody biomass as a heating fuel source and industry, the improved development and integration of wind energy, the wind meteorological tower loan program, initial hydroelectric resource studies for high energy cost areas of the state, improved methods of heat recovery from diesel generators, and other renewable and local alternative energy sources. The alternative energy work conducted with these funds strongly supports the success of the Renewable Energy Fund, assures quality development of these resources, and supports achieving the 50% renewable energy goal. Program funds are critical to the development of cost effective and technically effective Renewable Energy and Alternative Energy projects.

AEA was named the State's official State Energy Office both for the purposes of working with the US DOE and other state agencies in coordinating energy efforts and providing strategic direction. As the State Energy Office, AEA has been afforded the opportunity to serve on the National Association of State Energy Offices (NASEO) board of directors where we can represent Alaska's interests in national energy conversations and develop relationships with energy professionals around the country. This funding is used as a match for federal funds awarded to AEA as the State Energy Office.

AEA coordinates closely with Alaska Housing Finance Corporation, Division of Natural Resources, Division of Forestry, Department of Environmental Conservation, Division of Economic Development, University of Alaska, UAF's Alaska Center for Energy and Power, Institute of Social and Economic Research, U.S. Army Core of Engineers, Department of Energy, National Renewable Energy Lab, U.S. Department of Agriculture, the Denali Commission, and many others on the successful advancement of AEEE projects. Coordination is different for each agency, but often coordination takes place through energy technology specific working groups.

Reappropriation for Alaska Energy Authority - Kake Rural Power System Upgrade Project **FY2016 Request:** \$0
Reference No: AMD 59137

AP/AL: Appropriation **Project Type:** Energy
Category: Development
Location: Kake **House District:** Sitka/Petersburg (HD 35)
Impact House District: Sitka/Petersburg (HD 35) **Contact:** Sara Fisher-Goad
Estimated Project Dates: 06/30/2015 - 06/30/2019 **Contact Phone:** (907)770-3000

Brief Summary and Statement of Need:

The unexpended and unobligated balance, not to exceed \$1,070,000 of the estimated balance of \$12,500,000, of the appropriation made in sec. 4, ch. 5, FSSLA 2011, page 137, lines 21-23 (AEA – Mount Spurr Geothermal Project Development – \$12,500,000) is reappropriated to the Alaska Energy Authority for the Kake Rural Power System Upgrade Project.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P6 L11 SB119 \$3,560,000

Complete the rural power system upgrade project in the community of Kake. Funds will be used for the powerhouse upgrade portion of the project.

Project Description/Justification:

Based on a revised cost estimate during the conceptual design of the project, additional funds of \$1,070,000 are needed to complete the construction of a new powerhouse in Kake, a community of approximately 580 residents. The new powerhouse is needed to meet both current load and code requirements. The new powerhouse will contain three generator sets, automated switch gear and controls, an oil blending system, and heat recovery.

Reappropriation for Alaska Energy Authority - Port Heiden Rural Power System Upgrade Project **FY2016 Request:** \$0
Reference No: AMD 57940

AP/AL: Appropriation **Project Type:** Energy
Category: Development
Location: Port Heiden **House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)
Impact House District: Bristol Bay/Aleutians/Upper Kuskokwim (HD 37) **Contact:** Sara Fisher-Goad
Estimated Project Dates: 06/30/2015 - 06/30/2019 **Contact Phone:** (907)771-3000

Brief Summary and Statement of Need:

The unexpended and unobligated balance, not to exceed \$4,000,000 of the estimated balance of \$12,500,000, of the appropriation made in sec. 4, ch. 5, FSSLA 2011, page 137, lines 21-23 (AEA – Mount Spurr Geothermal Project Development - \$12,500,000) is reappropriated to the Alaska Energy Authority for the Port Heiden Rural Power System Upgrade Project.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P16 L20 SB119 \$99,953
 Sec44 Ch16 SLA2013 P148 L13 SB18 \$65,100

Project Description/Justification:

The Port Heiden RPSU project includes a new powerhouse module and electrical distribution upgrades. Both the current facility and underground distribution system is past its useful life and requires replacement to meet both current load and code requirements. The community has been producing power on one generator for several years and is at risk for frequent power outages. Safety issues related to the aged infrastructure are also of concern. The replacement powerhouse module will contain three generators, automated switch gear and controls, oil blending system, and heat recovery. The current cost estimate to complete this project is \$4,000,000.

**Reappropriation for Alaska Energy Authority - Tuluksak
Bulk Fuel Upgrades**

FY2016 Request: \$0
Reference No: AMD 60718

AP/AL: Appropriation

Project Type: Energy

Category: Development

Location: Tuluksak

House District: Lower Kuskokwim (HD 38)

Impact House District: Lower Kuskokwim (HD 38)

Contact: Sara Fisher-Goad

Estimated Project Dates: 06/30/2015 - 06/30/2019

Contact Phone: (907)771-3000

Brief Summary and Statement of Need:

The unexpended and unobligated balance, not to exceed \$3,900,000 of the estimated balance of \$12,500,000, of the appropriation made in sec. 4, ch. 5, FSSLA 2011, page 137, lines 21-23 (AEA – Mount Spurr Geothermal Project Development - \$12,500,000) is reappropriated to the Alaska Energy Authority for Tuluksak Bulk Fuel Upgrades.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Funding is needed to consolidate all bulk storage tankage into a code compliant containment facility that houses tankage for each stakeholder in separate, secured areas. Currently the community of Tuluksak has four separate tank farms, three of which are aged, in various stages of disrepair and are not code compliant. Code deficiencies effect environment, and life and health safety. The current tankage does not meet capacity needs and often requires flying in fuel at high cost during winter shortages. The new consolidated bulk fuel storage will include 300,000 gallons of bulk storage; new 1,800 foot dual-product barge header; dual-product dispenser for retail fuel sales; required fuel facility regulatory plans and EPA-required spill contingency equipment.

**Reappropriation for Alaska Energy Authority - Electrical
Emergencies Program**

FY2016 Request: \$0
Reference No: AMD 32950

AP/AL: Appropriation

Project Type: Energy

Category: Development

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Sara Fisher-Goad

Estimated Project Dates: 06/30/2015 - 06/30/2019

Contact Phone: (907)771-3000

Brief Summary and Statement of Need:

The unexpended and unobligated balance, not to exceed \$330,000 of the estimated balance of \$12,500,000, of the appropriation made in sec. 4, ch. 5, FSSLA 2011, page 137, lines 21-23 (AEA – Mount Spurr Geothermal Project Development - \$12,500,000) is reappropriated to the Alaska Energy Authority for Electrical Emergencies Program.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P3 L6 SB119 \$330,000
Sec1 Ch17 SLA2012 P6 L11 SB160 \$330,000
Sec4 Ch5 SLA2011 P127 L19 SB46 \$330,000
Sec7 Ch43 SLA2010 P19 L13 SB230 \$330,400
Sec1 Ch15 SLA2009 P2 L20 SB75 \$330,400
Sec39 Ch29 SLA2008 P213 L22 SB221 \$330,400
Sec31 Ch30 SLA2007 P156 L28 SB53 \$337,400
Sec23 Ch82 SLA2006 P146 L20 SB231 \$349,100
Sec11 Ch3 SLA2005 P102 L8 SB46 \$333,100
Sec7 Ch159 SLA2004 P58 L14 SB283 \$331,900
Sec14 Ch82 SLA2003 P87 L10 SB100 \$349,500

Project Description/Justification:

The Electrical Emergencies program provides funds and technical support when an electric utility has lost, or will lose the ability to generate or transmit power to its customers and the condition is a threat to life, health, and/or property.

Emergencies of this type result in the loss of communications, lights, refrigeration systems, washeterias, water and sewer systems, and the use of other basic infrastructure and equipment.

**Reappropriation for Alaska Energy Authority - Electrical
Emergencies Program**

FY2016 Request: \$0
Reference No: AMD 32950

Extended power outages during the winter months can be expensive and they compromise public safety:

- Water and sewer systems are subject to freezing and bursting
- Fire hazards increase
- Medical clinics and other public facilities may close

These emergencies may involve power plant failures and/or distribution system failures. The ability to respond to loss of power in communities is essential to their health and safety.

AEA is able to respond quickly to emergencies, often prior to the loss of power. During FY2014, AEA responded to 11 emergencies. This funding is essential the providing immediate response to communities who have lost or will lose the ability to generate or transmit power.

If AEA is unable to respond through lack of funds, the response to loss of power emergencies will be redirected to the Division of Homeland Security and Emergency Management, State Emergency Operations Center (SEOC).

School District Major Maintenance Grants**FY2016 Request: \$3,491,192****Reference No: AMD 45658****AP/AL:** Appropriation
Category: Education**Project Type:** Renewal and Replacement
Recipient: Department of Education and Early Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Elizabeth Nudelman**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)465-8679**Brief Summary and Statement of Need:**

The FY2016 Department of Education and Early Development appropriation in the amount of \$3,491,192 and reappropriation not-to-exceed \$10,000,000 will fund the first four projects on the January 2015 Capital Improvement Projects list for School Major Maintenance:

- 1) Petersburg Middle/High School Boiler Repair - \$24,565.00
- 2) Andrew K Demoski K-12 School Renovation, Nulato - \$10,637,668
- 3) Nome City School District - Districtwide Lighting Replacement - \$192,813
- 4) Bethel Campus Boiler Replacement - \$2,636,146

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|-------------|--------|--------|--------|--------|--------|-------------|
| Gen Fund | \$3,491,192 | | | | | | \$3,491,192 |
| Total: | \$3,491,192 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,491,192 |

| | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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:**1) Petersburg City - Petersburg Middle / High School Boiler Rehabilitation

This project reimburses the district for repairing and retubing the existing boiler that serves the 63,865 square foot school facility built between 1950 and 1985 and the 19,969 square foot gym. This project is complete.

2) Yukon-Koyukuk - Andrew K Demoski K-12 School Renovation, Nulato

This project will correct building code deficiencies, renew and replace building components, and renovate the 24,874 square foot facility built in 1974. Included is the replacement of emergency systems, the HVAC system, lighting, and the power distribution system. The existing kitchen will be renovated to provide a code compliant commercial kitchen. The gym flooring and substrate will be replaced and restrooms and interior finishes will be renovated. Exterior doors and windows will be replaced. Asbestos containing material will also be removed.

3) Nome City - Districtwide Lighting Replacement

This project reimburses the district for funds expended converting fluorescent lighting to LED fixtures throughout the 61,605 square foot elementary school built in 1987 and the 77,680 square foot high school and 14,445 square foot district office, both built in 1962. This project is complete.

4) Lower Kuskokwim - Bethel Campus Boiler Replacement

This project reimburses the district for costs for replacing three boilers originally installed in 1970, and adding a fourth boiler. Included are fuel meters, electronic wiring, boiler controls, new boiler flues, combustion air ventilation, and commissioning of the new systems. The scope of work also includes installation of a pitched truss metal roof over the boiler facility and exterior envelope upgrades. This project is complete.

Reappropriation for School District Major Maintenance Grants**FY2016 Request: \$0**
Reference No: AMD 60751**AP/AL:** Appropriation
Category: Education**Project Type:** Renewal and Replacement
Recipient: Department of Education and Early Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Elizabeth Nudelman**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)465-8679**Brief Summary and Statement of Need:**

The FY2016 Department of Education and Early Development appropriation in the amount of \$3,491,192 and reappropriation not-to-exceed \$10,000,000 will fund the first four projects on the January 2015 Capital Improvement Projects list for School Major Maintenance:

- 1) Petersburg Middle/High School Boiler Repair - \$24,565
- 2) Andrew K Demoski K-12 School Renovation, Nulato - \$10,637,668
- 3) Nome City School District - Districtwide Lighting Replacement - \$192,813
- 4) Bethel Campus Boiler Replacement - \$2,636,146

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

| | | | | |
|---|---|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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:

The unexpended and unobligated balance, not to exceed \$10,000,000 of the estimated balance of \$22,000,000, of the appropriation made in sec. 7, ch. 17, SLA 2012, page 166, lines 24-27 (Alaska Aerospace Corporation Construction of New Medium Lift Launch Pad - \$30,000,000) is reappropriated to the Department of Education and Early Development for school district major maintenance grant projects.

Project Description/Justification:1) Petersburg City - Petersburg Middle / High School Boiler Rehabilitation

This project reimburses the district for repairing and retubing the existing boiler that serves the 63,865 square foot school facility built between 1950 and 1985 and the 19,969 square foot gym. This project is complete.

2) Yukon-Koyukuk - Andrew K Demoski K-12 School Renovation, Nulato

This project will correct building code deficiencies, renew and replace building components, and renovate the 24,874 square foot facility built in 1974. Included is the replacement of emergency systems, the HVAC system, lighting, and the power distribution system. The existing kitchen will be renovated to provide a code compliant commercial kitchen. The gym flooring and substrate will be replaced and restrooms and interior finishes will be renovated. Exterior doors and windows will be replaced. Asbestos containing material will also be removed.

**Reappropriation for School District Major Maintenance
Grants**

FY2016 Request: \$0
Reference No: AMD 60751

3) Nome City - Districtwide Lighting Replacement

This project reimburses the district for funds expended converting fluorescent lighting to LED fixtures throughout the 61,605 square foot elementary school built in 1987 and the 77,680 square foot high school and 14,445 square foot district office, both built in 1962. This project is complete.

4) Lower Kuskokwim - Bethel Campus Boiler Replacement

This project reimburses the district for costs for replacing three boilers originally installed in 1970, and adding a fourth boiler. Included are fuel meters, electronic wiring, boiler controls, new boiler flues, combustion air ventilation, and commissioning of the new systems. The scope of work also includes installation of a pitched truss metal roof over the boiler facility and exterior envelope upgrades. This project is complete.

Shooting Range Deferred Maintenance**FY2016 Request: \$500,000****Reference No: AMD 45482****AP/AL:** Appropriation**Project Type:** Deferred Maintenance**Category:** Natural Resources**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Doug Vincent-Lang**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)267-2339**Brief Summary and Statement of Need:**

The Division of Wildlife Conservation operates three shooting range facilities; one outdoor range and two indoor ranges. The indoor ranges are 12-14 years old. Repairs to floors and roofs as well as painting is anticipated in the next few years. The outdoor range at Rabbit Creek needs shooting lane coverings and electrical upgrades. Parking facilities often need repair due to climatic conditions.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|------------------|---------------|---------------|---------------|---------------|---------------|------------------|
| Fed Rcpts | \$375,000 | | | | | | \$375,000 |
| Fish/Game | \$125,000 | | | | | | \$125,000 |
| Total: | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 |

| | | | | |
|--|---|---|---|--|
| <input checked="" type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" type="checkbox"/> On-Going |
| 25% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

The department will create grant agreements with the U.S. Fish and Wildlife Service through the Hunter Education subprogram of Wildlife Restoration. The following program guidelines authorize this project initiative: construct, operate, or maintain firearm and archery ranges for public use.

Project Description/Justification:

The department has been apportioned a significant increase in federal funding from the Pittman-Robertson (PR) program. There are two subprograms, Wildlife Restoration and Hunter Education. The Hunter Education subprogram derives its receipts from federal excise taxes on the manufacture of handguns and archery equipment. 50 percent of the national gross receipts are set aside for this program. Alaska receives funding through a formula based on state population. This entitles Alaska to one percent of the yearly gross receipts. This amount of funding can be used for a comprehensive hunter education program and/or the development and management of shooting ranges. A 3:1 match is required from non-federal sources to access funds and the division must obligate and expend additional funding as it becomes available.

The appropriation is anticipated to provide a source of funding for the significant repairs needed to facilities over the next several years. The department proposes an approach to designate significant short-term investments in the program and infrastructure of shooting ranges to use the significant

Shooting Range Deferred Maintenance**FY2016 Request: \$500,000****Reference No: AMD 45482**

increase in available PR funding dedicated to Hunter Education. The multi-year appropriation will enable the department to distribute funding for targeted repairs with assured funding.

Alaska Arctic Policy Leadership

FY2016 Request: \$500,000
Reference No: AMD 60745

AP/AL: Appropriation**Project Type:** Energy**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Guy Bell**Estimated Project Dates:** 07/01/2015 - 06/30/2018 **Contact Phone:** (907)465-3876**Brief Summary and Statement of Need:**

The Governor's Advisor on the Arctic is coordinating the Walker Administration's efforts relating to implementing the State of Alaska's arctic policy developed by the Alaska Arctic Policy Commission (AAPC). Funding will be used over the next two to three years to begin implementing the State of Alaska's arctic policy.

It is in the state's interest to demonstrate that the State of Alaska is the leader and primary partner in Arctic decision making for the United States, that we bring considerable expertise and resources to the table, and to ensure that state priorities are at the forefront of U.S. and Arctic Council decision-making.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | \$500,000 | | | | | | \$500,000 |
| Total: | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

This effort is particularly timely as the United States will assume chairmanship of the Arctic Council for two years beginning in April 2015.

More specifically the funding will be used to:

- enable closer coordination between the Administration and the State Senate and House Special Committees on Arctic
- cover travel for state officials to participate in the numerous Arctic meetings and symposia over the next two to three years
- enable participation in Senior Arctic Official and Arctic Council Working Group meetings at which national policies are formulated
- establish and coordinate a host committee for Arctic Council activities
- enable participation in activities of the Northern Forum

Alaska Arctic Policy Leadership

FY2016 Request: \$500,000
Reference No: AMD 60745

- evaluate and set the framework for a public outreach campaign on Arctic issues
- determine whether Alaska should host the Arctic Economic Council Secretariat

**Reappropriation for AVTEC Information Technology
Systems Refresh**

FY2016 Request: \$0
Reference No: AMD 60306

AP/AL: Appropriation

Project Type: Information Technology /
Systems / Communication

Category: General Government

Location: Seward

House District: North Kenai (HD 29)

Impact House District: Kenai Areawide (HD 29-31)

Contact: Ben Eveland

Estimated Project Dates: 06/30/2015 - 06/30/2019

Contact Phone: (907)224-6150

Brief Summary and Statement of Need:

The unexpended and unobligated balance, estimated to be \$530,000, of the appropriation made in sec. 1, ch. 17, SLA 2012, page 121, lines 12-13 (Third Avenue Dormitory Replacement - \$16,075,000) is reappropriated to the Department of Labor and Workforce Development for the Alaska Vocational Technical Center information technology systems refresh.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

☐ State Match Required ☒ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ On-Going
0% = Minimum State Match % Required ☒ Amendment ☐ Mental Health Bill

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Provide for the replacement and upgrading of existing information technology (IT) equipment and infrastructure at Alaska Vocational Technical Center (AVTEC). AVTEC is in need of IT upgrades to replace outdated equipment and address security concerns.

Project Description/Justification:

A. Project Description/Justification

This will support a refresh of technology at AVTEC. Due to the age of present equipment and software, AVTEC is out of security compliance and is at risk of failure.

B. What is the purpose of the project?

Refresh computer equipment; desktops, servers, routers, software, etc.

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

This is a technology refresh.

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

This request would provide replacement for the following equipment:

**Reappropriation for AVTEC Information Technology
Systems Refresh**

**FY2016 Request: \$0
Reference No: AMD 60306**

- Computers
- Monitors
- Servers
- Microsoft Office Software
- VMware Lab Hardware & Software
- Network Switches and Routers
- DSL Services

E. How will service to the public measurably improve if this project is funded?

AVTEC will have the technology necessary to perform their educational mission.

F. Does project affect the way in which other public agencies will conduct their business?

No

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

Bandwidth impact should be neutral, because AVTEC's equipment does not run on the state network.

H. What will happen if the project is not approved?

If this request is not approved, students and staff will continue to use outdated equipment and AVTEC will still have security and failure risks.

EVOS Trustee Council Habitat Acquisition of Subsurface Lands on Northern Afognak Island **FY2016 Request: \$1,000,000**
Reference No: AMD 60290

AP/AL: Appropriation **Project Type:** Parks / Recreation
Category: Natural Resources
Location: Afognak **House District:** Kodiak/Cordova/Seldovia (HD 32)
Impact House District: Kodiak/Cordova/Seldovia (HD 32) **Contact:** Jean Davis
Estimated Project Dates: 07/01/2015 - 06/30/2020 **Contact Phone:** (907)465-2422

Brief Summary and Statement of Need:

This project will use settlement funds to purchase the subsurface estate or a no surface occupancy agreement on approximately 36,370 acres of Northern Afognak Island. Acquisition of these lands or interest in these lands will ensure protected surface habitat values are not impacted by subsurface activities.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|--------------------|---------------|---------------|---------------|---------------|---------------|--------------------|
| EVOSS | \$1,000,000 | | | | | | \$1,000,000 |
| Total: | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Exxon Valdez Oil Spill Trustee Council (EVOSTC) civil settlement funds will be used to purchase the subsurface estate or a no surface occupancy agreement on approximately 36,370 acres of subsurface lands on Northern Afognak Island located between Afognak Island State Park, the Kodiak National Wildlife Refuge and other State lands, and on the Triplet Islands. Acquisition of these lands or interest in these lands will ensure protected surface habitat values are not impacted by subsurface activities.

In FY2015, purchase of the Afognak Island surface estate was approved by the EVOSTC and the State Legislature appropriated \$15 million of civil settlement funds for the acquisition. This project would acquire the subsurface for the surface estate that is currently being negotiated. When the EVOSTC approved acquisition of the surface estate, they explicitly expressed a desire to acquire the full estate (both surface and subsurface) to remove any risk of impacts to the habitat values intended for restoration and the sole purpose for the acquisition.

**EVOS Trustee Council Habitat Acquisition of Subsurface
Lands on Northern Afognak Island**

FY2016 Request: \$1,000,000
Reference No: AMD 60290

The EVOSTC determined that these lands contribute to the restoration of resources and services injured by the Exxon Valdez oil spill and will further restoration objectives. The project will also ensure connectivity and a consistent management strategy between state lands that will support hunting, guiding, fishing, and recreational uses in the area. In addition, this project is consistent with the Department of Natural Resource's management objective of securing lands to meet recreational and access needs consistent with the Division of Parks and Outdoor Recreation's Ten-Year Strategic Plan.

This appropriation for this project is expected to be fully expended in the first fiscal year.

| Line Item | Amount |
|---------------------------|------------------|
| 71000 - Personal Services | 0.0 |
| 72000 - Travel | 0.0 |
| 73000 - Contractual | 0.0 |
| 74000 - Commodities | 0.0 |
| 75000 - Capital Outlay | \$1,000.0 |
| 77000 - Grants | 0.0 |
| Total Request | \$1,000.0 |

Should this request not be approved the acquisition of land or an interest in lands will not go forward. Landowners will find other interested buyers and these opportunities to address the risk of subsurface development on EVOSTC protected surface estate could be lost. Taking steps to address risk management issues now will likely be more cost effective as settlement funds are available now and land continues to appreciate.

Cook Inlet Oil and Gas Resources and Statewide Energy Database**FY2016 Request: \$800,000**
Reference No: AMD 60705**AP/AL:** Appropriation**Project Type:** Energy**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Jean Davis**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)465-2422**Brief Summary and Statement of Need:**

According to the U.S. Geological Survey, Alaska contains the largest undiscovered conventional oil and gas potential in the nation and also has significant unconventional resource potential in tight gas, shale oil, and coal reservoirs. Vast areas of Cook Inlet remain unexplored or underexplored. Much new data are needed to reduce exploration risk, spur exploration investment, and increase exploration success in these areas. High-quality, publicly available and relevant geological information adds to Alaska's ability to attract exploration investment in a competitive global market and ensures future exploration for, and development of, Alaska's energy resources.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|------------------|---------------|---------------|---------------|---------------|---------------|------------------|
| Fed Rcpts | \$400,000 | | | | | | \$400,000 |
| G/F Match | \$400,000 | | | | | | \$400,000 |
| Total: | \$800,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$800,000 |

| | | | | |
|--|--|---|---|-----------------------------------|
| <input checked="" 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"/> On-Going |
| 100% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Alaska's petroleum basins have significant remaining undiscovered resources; according to the U.S. Geological Survey (USGS), Alaska contains the largest undiscovered conventional oil and gas potential in the nation and also has significant unconventional resource potential in tight gas, shale oil, and coal reservoirs.

Vast areas of Cook Inlet remain unexplored or underexplored, yet most industry activity continues to focus on relatively low-risk exploration for conventional resources within and near existing oil and gas fields, with only a few companies venturing farther afield to pursue higher risk projects or unconventional oil resources.

Cook Inlet Oil and Gas Resources and Statewide Energy Database

FY2016 Request: \$800,000
Reference No: AMD 60705

The trend over the past decade toward smaller companies exploring for and developing Alaska's oil and gas resources is likely to continue. These companies lack the resources of large, integrated oil companies and are more reliant on publicly available data.

Much new data are needed to reduce exploration risk, spur exploration investment, and increase exploration success in unexplored or underexplored areas. High-quality, publicly available and relevant geological information adds to Alaska's ability to attract exploration investment in a competitive global market and ensures future exploration for, and development of, Alaska's energy resources.

Southcentral Alaska is dependent on low-cost Cook Inlet gas for electrical generation as well as home and business heating. Lack of an adequate gas supply would lead to brown outs, higher home and business heating costs and higher energy costs for the entire area. Continued exploration and development is needed to maintain a stable gas supply into the future. This work directly contributes to maintaining a stable gas supply.

As part of DGGS's continued evaluation of the state's energy resources, efforts to attract companies to Alaska and stimulate discoveries, this funding will provide the following new geologic information:

- Enhanced understanding of the oil source rocks, stratigraphic and structural evolution of the Cook Inlet Basin, and implications for reservoir potential.
- CY2015 1:63,360-scale geological mapping between Chinitna and Tuxedni Bays in western Cook Inlet that project into the basin.
- Stratigraphic and analytical studies supporting oil and gas development on the North Slope.
- Database development and data compilation of relevant geological and geophysical data statewide.

All of these funds will match 1:1 federal funding from the USGS for geological mapping in western Cook Inlet in CY2015, National Coal Resources Data System (NCRDS) funding for energy database development over the next 5 years, and National Geological and Geophysical Data Preservation Program (NGGDPP) funding for energy data preservation.

The project directly addresses the DGGS statutory mission (AS § 41.08.020) "To determine the potential of Alaskan land for production of metals, minerals, fuels, and geothermal resources,..."

The project also addresses DNR's core services to "Foster responsible commercial development" and also "Ensure sufficient data acquisition and assessment of land and resources".

| Line Item | Amount |
|---|------------------|
| 71000 - Personal Services (position detail below) | \$100,000 |
| 72000 – Travel (field work, meetings) | \$25,000 |
| 73000 – Contractual (helicopter, analyses) | \$225,000 |
| 74000 - Commodities | \$50,000 |
| 75000 - Capital Outlay | 0.0 |
| 77000 – Grants | 0.0 |
| Total Request | \$400,000 |

Position Detail:

All are existing positions in Fairbanks:
(10-x013) PFT, Petroleum Geologist I
(10-2016) PFT, Geologist IV
(10-2133) PFT, Geologist IV
(10-2035) PFT, Geologist III
(10-2227) PFT, Geologist III
(10-2124) PFT, Geologist II
(10-2055) PFT, Geological Scientist I
(10N12102) LTNP, Geologist I

Failure to fund this capital request will significantly reduce the division's ability to provide industry with the basic scientific data required for oil and gas exploration. This will retard oil and gas exploration and development, thereby reducing future state revenues.

Failure to fund will impact the availability of new geological data to stimulate gas exploration, required for a stable gas supply in southcentral Alaska.

Failure to fund will also reduce the division's ability to match available federal funds, thereby ignoring substantial external funding available to help spur Alaska resource development.

Upgrade and Repair of Critical Volcano Monitoring Instruments**FY2016 Request: \$500,000**
Reference No: AMD 60704**AP/AL:** Appropriation**Project Type:** Renewal and Replacement**Category:** Public Protection**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Jean Davis**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)465-2422**Brief Summary and Statement of Need:**

As part of a Federal-State (USGS-DGGS) cooperative agreement, the Department of Geological & Geophysical Surveys (DGGS) volcanology section is responsible for helicopter and fuel contracting and logistics in support of volcanic monitoring station installation, upgrades, and maintenance for the Alaska Volcano Observatory. This funding will provide helicopter, fuel, and logistical support for all Alaska Volcano Observatory field operations to install, repair, and upgrade volcanic monitoring instruments at high-threat volcanoes in Alaska.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Fed Rcpts | \$500,000 | | | | | | \$500,000 |
| Total: | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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:

No prior funding history.

Project Description/Justification:

Rapid detection of volcanic activity is critical in protecting threats to life, health, and the economy. Several high-threat volcanoes in Alaska are currently inadequately equipped with monitoring instruments and repairs and upgrades are needed to bring this equipment back to operational status.

Seismic, infrasound, and GPS instruments allow scientists at the Alaska Volcano Observatory to detect early signs of volcanic unrest. This information allows the observatory to provide timely and accurate information on volcanic hazards, and warnings of impending dangerous activity to the public and to local, state, and federal officials.

As part of a Federal-State (USGS-DGGS) cooperative agreement, the DGGS volcanology section is responsible for helicopter and fuel contracting and logistics in support of volcanic monitoring station installation, upgrades, and maintenance for the Alaska Volcano Observatory.

This project will provide helicopter, fuel, and logistical support for all Alaska Volcano Observatory field operations to install, repair, and upgrade volcanic monitoring instruments at high-threat volcanoes in

**Upgrade and Repair of Critical Volcano Monitoring
Instruments**

FY2016 Request: \$500,000
Reference No: AMD 60704

Alaska, including the Cook Inlet volcanoes near Anchorage (Spurr, Redoubt, Iliamna, Augustine, Fourpeaked) and volcanoes on the Alaska Peninsula and in the Aleutians that have experienced instrument failure (i.e. Aniakchak volcano).

The project directly addresses the DGGs statutory mission (AS § 41.08.020) to determine "...the potential geologic hazards to buildings, roads, bridges, and other installations and structures." It also supports AS § 41.08.017: "**b**) Systematic collection, evaluation, archival, and distribution of geologic data and information on earthquakes, volcanic eruptions, and engineering geology and identification of potential seismic, volcanic, and other geological hazards throughout the state are in the public interest and necessary to orderly, safely, and cost-effective development in the state."

The project also directly addresses DNR's core service to "Mitigate threat to the public from natural hazards by providing comprehensive fire protection services on state, private, and municipal lands, and through identifying significant geological hazards."

**Upgrade and Repair of Critical Volcano Monitoring
Instruments**

**FY2016 Request:
Reference No:**

**\$500,000
AMD 60704**

| Line Item | Amount |
|---|------------------|
| 71000 - Personal Services (position detail below) | \$100,000 |
| 72000 – Travel (fieldwork, meetings) | 0.0 |
| 73000 – Contractual (helicopter, imagery) | \$350,000 |
| 74000 - Commodities | \$50,000 |
| 75000 - Capital Outlay | 0.0 |
| 77000 - Grants | 0.0 |
| Total Request | \$500,000 |

Position Detail:

Existing PFT positions in Fairbanks:

10-2117 Geologist V

10-2030 Analyst Programmer IV

10-2016 Geologist III

10-2085 Geologist IV

Without this volcanic monitoring instrument upgrade and repair, AVO will be unable to warn of impending volcanic events at several high-threat, active volcanoes in Alaska, putting life, health and the economy at risk.

Reappropriation for Unified Permit Automation and Document Management**FY2016 Request:** \$0
Reference No: AMD 38872**AP/AL:** Appropriation**Project Type:** Energy**Category:** Natural Resources**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Jean Davis**Estimated Project Dates:** 06/30/2015 - 06/30/2019**Contact Phone:** (907)465-2422**Brief Summary and Statement of Need:**

The unexpended and unobligated balance, estimated to be \$1,000,000, of the appropriation made in sec. 1, ch. 17, SLA 2012, page 125, lines 27-28, (Department of Natural Resources, shale oil environmental data - \$1,000,000) is reappropriated to the Department of Natural Resources for unified permit automation and document management.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P59 L5 119 \$3,900,000
Sec1 Ch16 SLA2013 P73 L12 18 \$2,500,000
Sec1 Ch17 SLA2012 P126 L11 160 \$3,300,000
Sec1 Ch5 SLA2011 P93 L24 46 \$2,500,000
Sec1 Ch43 SLA2010 P32 L3 230 \$800,000

The Unified Permit project is a multi-year project designed to support and streamline the permit process, raise productivity and set known response times for applicants, and has three overall project goals: 1) Shorten and make consistent cycle times for land and water use authorization (permit) requests; 2) Guide applicants to the correct authorization requests and forms; and 3) Build internal systems that directly support the Department of Natural Resources productivity.

Project Description/Justification:

The Unified Permitting (UP) project is a multi-year capital funded effort targeted at achieving three high-level goals related to state land and water use authorizations applied for by the public and issued by the department: transparency of process, consistency of decision-making, and shortening of application-processing time. The project began as a focus to help reduce the backlog of permits awaiting action within the Division of Mining, Land & Water (DMLW), and to improve processes with the intent of avoiding future backlog increases.

At a technical level, the project consists of a variety of business and technology projects intended to achieve the aforementioned goals: business process documentation, centralized document management, and computer systems to facilitate and enforce standardized business processes.

Recent progress includes development of business systems to manage Land Use Permits, and Water Rights authorizations.

In FY2015 the two primary areas of focus are: enhance and complete the Water Rights system that is currently being used, and also to develop the "Resource Portal" which is being designed to allow applicants to submit their electronic applications and review the status of these applications.

Overall, the department intends to shorten and make consistent cycle times and processes for authorizations; to deliver interactive applications for permits that guide customers to the correct questions and help them to supply answers and content, improving the permit application process for our customers; to build internal systems that support and improve DNR productivity; to scan all documents within active DNR cases, with the means to maintain the digital case file via a combination of desktop and centralized scanning solutions; and to provide structured access to all content within the DNR case management environment.

Scope of Work:

Specific work products are determined on an annual basis by the priorities set by the divisions responsible for the specific case types and processes included within the project scope. Costs cover software, hardware, licenses, and employee and contractor programming and support.

FY2016 anticipated work products identified by the DMLW include enhancements to the land use permit and water rights processes already in place; put general lease processes into production; and begin to roll in survey and easement processes. Anticipated work products identified by the Division of Oil and Gas include continued development of permitting case types in the department's Land Administration System, integration of their existing process management system with the Land Administration System, and implementation of on-line permitting status reports providing real-time status information to Oil and Gas Permit applicants.

Continued integration of various systems to increase ease of access to permitting documents and data across the department, and by the public.

Continued development of advanced geospatial analytical tools that enable staff and public land users to more easily identify land attribute data that impacts the permitting and overall land management process.

Continued development of real-time reporting with a focus on automatic report generation and targeted delivery of reporting and tracking information via email.

Impact of not funding this project:

Funding for existing programming staff, contracted programming support and software licensing and maintenance would be lost, essentially resulting in abandoning future permit streamlining efforts

under this model.

Permitting processes will vary greatly instead of having a smooth, consistent, streamlined process (some will be automated and some processes will remain manual and paper-based, resulting in significant inefficiencies for management of the department's permitting workload).

Customers will continue to submit inaccurate information and incomplete applications, which will lengthen the request and authorization process.

Customers have difficulty in determining which specific authorizations are needed for their project permitting requirements.

Applicants may submit applications for incorrect authorizations, contributing to delays in the permitting process.

DNR will need to maintain project and case-related paper documents, which will become more difficult as the state looks to adopt new office space standards.

Document security and implementation of retention schedules will continue to rely on manual processes.

DNR project and case-related electronic documents will not be searchable by indexed values or full text, making retrieval of information and documents more difficult, time-consuming and expensive.

What accomplishments have been achieved with prior year funding?

- During FY2014, the Water Rights automated system was implemented.
- During FY2014, efficiency improvements were implemented in the Land Use Permit automated system.
- During FY2014, 224 Land Use Permits were processed through the automated system.
- During the second half of FY2014, 102 Water Rights applications were processed through the automated system.
- During FY2014, 6,240 case and project file documents were added into the department's centralized document management system, bringing the total number of pages scanned for this project to 1,037,092.
- During FY2014, significant system integrations were developed and implemented between the automated system and mainframe system, with a specific focus on managing customer records.

Specific Spending Detail:

Reappropriation for Unified Permit Automation and Document Management

FY2016 Request:
Reference No:

\$0
AMD 38872

| LINE ITEM | DOLLAR AMOUNT | DESCRIPTION |
|----------------------|--------------------|---|
| Personal Services | \$ 713,000 | Analyst/Programmers, Project Management |
| Travel | | |
| Services | \$ 137,000 | Technical Support Contractors, Training contracts |
| Commodities | \$150,000 | Software Licensing and Maintenance, Hardware |
| Project Total | \$1,000,000 | |

Position Detail (all existing positions, located in Anchorage):

10-0289, Analyst/Programmer III, PFT
10-0348, Analyst/Programmer V, PFT
10-0391, Analyst Programmer IV, PFT
10-0406, Analyst/Programmer III, PFT
10-N14011, Project Coordinator I, LTNP
10-N13023, Project Coordinator I, LTNP
10-N15013, Project Assistant, LTNP

Alaska Domestic Violence and Sexual Assault Intervention Program **FY2016 Request: \$850,000**
Reference No: AMD 60008

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:** Kelly Howell
Estimated Project Dates: 07/01/2015 - 06/30/2020 **Contact Phone:** (907)269-5591

Brief Summary and Statement of Need:

This project will fund the Municipality of Anchorage Alaska Domestic Violence and Sexual Assault Intervention Program (ADVSAIP).

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|------------------|---------------|---------------|---------------|---------------|---------------|------------------|
| PFD Crim | \$850,000 | | | | | | \$850,000 |
| Total: | \$850,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$850,000 |

| | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

Sec34(e) Ch18 SLA2014 P116 L9 SB119 \$850,000

Project Description/Justification:

The Council on Domestic Violence and Sexual Assault will grant to the Municipality of Anchorage permanent fund dividends that would have been paid to individuals who were sentenced or incarcerated under AS 43.23.005(d) as allowed under AS 43.23.028(a)(5)(B) and AS 43.23.028(b)(2) for this program.

The ADVSAIP has two goals; to increase offender accountability and to improve victim safety. Objectives to accomplish these goals include:

1. Centralizing and coordinating law enforcement and prosecution for domestic violence reports and cases.
2. Maintaining a database that provides updated judicial orders and conditions of release for domestic violence offenders to local and statewide law enforcement.
3. Increasing offender accountability with police monitoring of conditions of release.
4. Increasing statewide Alaska victim safety and well-being with emergency financial aid.
5. Evaluating the effectiveness of the project by analyzing and reporting on data from each partner agency.
6. Working with Multi-Agency Justice Integration Consortium (MAJIC) to replicate ADVSAIP statewide jurisdiction.

**Rental Assistance for Victims - Empowering Choice
Housing Program (EHP)**

FY2016 Request: \$2,000,000
Reference No: AMD 54796

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: Kelly Howell

Estimated Project Dates: 07/01/2015 - 06/30/2020

Contact Phone: (907)269-5591

Brief Summary and Statement of Need:

This project will provide a referral-based transitional housing assistance program designed to meet the housing needs of victims of domestic violence and sexual assault. The Council on Domestic Violence and Sexual Assault will grant to the Alaska Housing Finance Corporation (AHFC) permanent fund dividends that would have been paid to individuals who were sentenced or incarcerated under AS 43.23.005(d) as allowed under AS 43.23.028(a)(5)(B) and AS 43.23.028(b)(2).

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| PFD Crim | \$2,000,000 | | | | | | \$2,000,000 |
| Total: | \$2,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,000,000 |

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☒ On-Going
0% = Minimum State Match % Required ☒ Amendment ☐ Mental Health Bill

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P61 L25 SB119 \$2,000,000

Sec1 Ch16 SLA2013 P76 L25 SB18 \$1,500,000

Sec1 Ch17 SLA2012 P130 L14 SB160 \$1,328,400

Prior year general fund appropriations to the Alaska Housing Finance Corporation.

Project Description/Justification:

The Empowering Choice Housing Program (EHP) is a referral-based, transitional rental assistance program designed to meet the housing needs of families displaced due to domestic violence and sexual assault. AHFC will administer project funds through the same mechanism and locations as the federal Housing Choice Voucher program along with up to one million additional federal dollars. The EHP is a partnership program with the Alaska Network on Domestic Violence and Sexual Assault (ANDVSA), and the Council on Domestic Violence and Sexual Assault (CDVSA), whereby AHFC provides transitional tenant-based rental assistance to victims of domestic violence and sexual assault.

The Alaska Network on Domestic Violence and Sexual Assault, whose primary mission is to represent victim services programs throughout the state that provide services to victims of domestic violence and sexual assault, shall assist those programs in providing referrals for program participants based on their expertise to determine displacement due to domestic violence or sexual assault.

A primary duty of the CDVSA is to implement, maintain, and monitor domestic violence and sexual assault crisis intervention and prevention programs in consultation with authorities in the field. CDVSA approved programs shall provide referrals of program participants to AHFC (DVSA programs).

Family income must be at or below 50 percent of the area median income. Income limits are set by Housing and Urban Development (HUD) and are based on family size and the community where the family resides. ECHP recipients must be referred to AHFC by an approved domestic violence and sexual assault program named in the memorandum of understanding. While participating in ECHP, families may still submit an application for any AHFC program with an open waiting list.

As vouchers become available, families are invited to a briefing session, provided detailed information about the program, and issued a voucher. Rental assistance is limited to 36 months. To receive voucher subsidy, a unit's rent must be reasonable. The unit must also pass a federal housing quality standards inspection. Landlords may use their own leases, and AHFC requires an initial lease term of one year. Once a family finds and leases an AHFC-approved rental unit, AHFC breaks the rent into a family portion and a subsidy portion. Families pay their portion of the rent directly to their landlord. AHFC pays the subsidy portion directly to the landlord.

In order to assess the effectiveness and efficiency of the program, data monitoring is ongoing and continuing. Data to be monitored includes, but is not limited to, the number of vouchers issued in each participating community, number of vouchers in shopping status, number of vouchers leased, number of available vouchers in each participating community and the average housing assistance payments for each participating community.

Reappropriation for Trooper Video Equipment and Storage **FY2016 Request:** \$0
Reference No: AMD 60690

AP/AL: Appropriation **Project Type:** Information Technology / Systems / Communication

Category: Public Protection

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Kelly Howell

Estimated Project Dates: 07/01/2014 - 06/30/2019 **Contact Phone:** (907)269-5591

Brief Summary and Statement of Need:

The unexpended and unobligated balances, estimated to be a total of \$350,000, of the appropriations made in sec. 1, ch. 43, SLA 2010, page 18, lines 28-29 (Department of Public Safety, video arraignments - phase 1 of 2 - \$510,000) and sec. 7, ch. 135, SLA 2000, page 33, lines 10-12 (Department of Public Safety, video judicial conference arraignment study - \$100,000) is reappropriated to the Department of Public Safety for state trooper video equipment and storage.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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:

Sec7 Ch43 SLA2010 P33 L10 SB230 \$100,000

Sec1 Ch135 SLA2000 P18 L28 SB192 \$510,000

Project Description/Justification:

The Department of Public Safety (DPS) will purchase approximately 225 in-car video cameras and 400 body worn cameras for trooper vehicles as well as for all trooper personnel. In-car video cameras and body worn cameras, including adequate storage servers will allow DPS to collect and preserve video evidence from these systems, appropriately store it and access it as needed for evidentiary purposes. DPS is currently working on re-purposing several data storage servers to provide a substantial portion of the necessary infrastructure and would be limiting the number of in-car video cameras as the estimated cost for those cameras is \$5,000 per unit. The estimated cost of the body-worn cameras is approximately \$500-\$700 per unit, depending on final pricing.

In today's current environment, there is an expectation from the public that law enforcement employ the most current technology that will assist in determining suspect actions as well as officer actions in many circumstances. DPS is at a significant disadvantage when it comes to recording pursuit related events, DUI arrests and other traffic related offenses. The current in-car video systems are limited in the number of vehicles that are equipped with them. In addition, they are antiquated and failing at an ever increasing rate.

Most of the contacts made by AWT are “remote” contacts, either in the field or by themselves without another back-up unit. As such, this technology is important for officer safety as well as providing eye-witness evidence and proof of an event or statement.

The body-worn video is of particular interest in that the majority of the contacts are in the field and away from what an in-car video would capture. This would include vessel boardings, hunting camps, sport fishing contacts, etc. During these times, the AWT troopers are able to see and eventually seize evidence of an illegal rack on big game, GPS markings on a fishing vessel over the line into closed areas, etc. Body-worn video technology is critical in allowing AWT to capture this information on the fly instead of needing to stop and photograph things.

AST units usually work alone and have the same “eye witness” needs as the AWT troopers have in many circumstances with both in-car video systems and body worn cameras significantly enhancing these capabilities.

During many high risk or high liability situations, these video systems are able to capture the most accurate information contemporaneous with the incident to re-create what occurred, documenting criminal activity and providing a foundation for defense from frivolous lawsuits. Appropriate video documentation reduces the amount of time that all facets of the justice system must spend in court, creating long term efficiency in the furtherance of achieving the ultimate goal of justice.

Along with the camera systems themselves, adequate technological infrastructure must also be obtained in the way of storage servers so that the video can be maintained, indexed and accessed in an efficient manner.

AHFC Housing Loan Program**FY2016 Request: \$4,691,400****Reference No: AMD 37918****AP/AL:** Appropriation with Allocations**Project Type:** Economic Assistance**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Les Campbell**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)330-8356**Brief Summary and Statement of Need:**

This project will provide funds to supplement the Alaska Housing Finance Corporation's (AHFC) popular housing programs through gap funding. This funding will allow AHFC to continue current programs and expand business opportunities with new Teacher, Health Professional, Public Safety and Village Public Safety Officer housing programs.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| AHFC Div | \$4,691,400 | \$5,000,000 | \$5,000,000 | \$7,000,000 | \$7,000,000 | \$7,000,000 | \$35,691,400 |
| Gen Fund | | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$5,000,000 |
| Total: | \$4,691,400 | \$6,000,000 | \$6,000,000 | \$8,000,000 | \$8,000,000 | \$8,000,000 | \$40,691,400 |

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ On-Going
 0% = Minimum State Match % Required
 ☒ Amendment
 ☐ Mental Health Bill

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P62 L8 SB119 \$6,000,000
 Sec1 Ch16 SLA2013 P77 L24 SB18 \$6,000,000
 Sec1 Ch17 SLA2012 P130 L17 SB160 \$6,000,000
 Sec1 Ch5 SLA2011 P99 L8 SB46 \$6,000,000
 Sec7 Ch43 SLA2010 P35 L15 SB230 \$6,000,000
 Sec1 Ch15 SLA2009 P20 L12 SB75 \$6,800,000
 Sec13 Ch29 SLA2008 P157 L3 SB221 \$8,000,000

Project Description/Justification:

The purpose of this program is to provide gap funding to increase homeownership and/or rental units throughout the state. This program is designed to help retain desirable professionals in high-cost areas. Since 2004, 293 new units of teacher, health professional, and public safety housing in rural Alaska have been placed into service and an additional 104 units are still in the construction phase.

The projected outcomes are:

- Increasing retention through localized housing developments;
- To add 20 units and rehabilitate 10 units for Teachers, Health Professionals, or Public Safety officials housing in rural Alaska.

AHFC Housing Loan Program

FY2016 Request: \$4,691,400
Reference No: AMD 37918

- Add 4 units for Village Public Safety Officers (VPSO);
- Increasing affordability for housing purchases by low- to moderate-income families;
- Lowering interest rates on AHFC mortgage programs to attract loan volume and generate net income.

The primary focus of this program has been to provide a source of grant funds that will help pay for the development of decent, safe, and affordable rental housing for teachers, health professionals, and public safety officials. This program will continue to generate additional loan volume for AHFC.

Attracting and maintaining a pool of qualified teachers, health professionals, and public safety officials in rural Alaska is a goal of the State of Alaska. In order to achieve this, housing must be available, affordable, and of a quality that encourages these professionals to locate and stay in rural settings.

These programs were developed to respond to the need for additional housing for professionals and their families by providing grants to fill the funding gap for various housing projects. Funding is made available through a competitive process for new construction, rehabilitation, and acquisition of housing.

| | | |
|---|------------------------|--------------------|
| AHFC Teacher, Health and Public Safety Professionals Housing | FY2016 Request: | \$3,691,400 |
| | Reference No: | AMD 49395 |

| | |
|---|---|
| AP/AL: Allocation Category: Development Location: Statewide Impact House District: Statewide (HD 1-40) Estimated Project Dates: 07/01/2015 - 06/30/2020 Appropriation: AHFC Housing Loan Program | Project Type: Economic Assistance House District: Statewide (HD 1-40) Contact: Les Campbell Contact Phone: (907)330-8356 |
|---|---|

Brief Summary and Statement of Need:

This program will provide funds to supplement the Alaska Housing Finance Corporation's (AHFC) popular housing programs through gap funding. These funds will allow AHFC to continue current programs and expand business opportunities with new teacher, health professional, and public safety housing programs.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| AHFC Div | \$3,691,400 | \$5,000,000 | \$5,000,000 | \$7,000,000 | \$7,000,000 | \$7,000,000 | \$34,691,400 |
| Total: | \$3,691,400 | \$5,000,000 | \$5,000,000 | \$7,000,000 | \$7,000,000 | \$7,000,000 | \$34,691,400 |

| |
|--|
| <input type="checkbox"/> State Match Required <input type="checkbox"/> One-Time Project <input type="checkbox"/> Phased - new <input type="checkbox"/> Phased - underway <input checked="" type="checkbox"/> On-Going 0% = Minimum State Match % Required <input checked="" 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:

Sec1 Ch18 SLA2014 P62 L8 SB119 \$5,000,000
 Sec1 Ch16 SLA2013 P77 L26 SB18 \$5,000,000
 Sec1 Ch17 SLA2012 P131 L19 SB160 \$5,000,000
 Sec1 Ch5 SLA2011 P99 L10 SB46 \$5,000,000
 Sec7 Ch43 SLA2010 P35 L17 SB230 \$5,000,000

Project Description/Justification:

The purpose of this program is to provide gap funding to increase homeownership and/or rental units throughout the state. This program is designed to help retain desirable professionals in high-cost areas. Since 2004, AHFC provided 313 new units of teacher, health professional, and public safety housing in rural Alaska.

The projected outcomes are:

- Improving teacher retention through housing development;
- New construction of 20 units for teachers, health professionals, or public safety officials housing in rural Alaska; and
- Rehabilitating 10 units for teacher, health professionals, and public safety officials in rural Alaska.

**AHFC Teacher, Health and Public Safety Professionals
Housing****FY2016 Request: \$3,691,400
Reference No: AMD 49395****Program Description:**

The primary focus of this program has been to provide a source of grant funds that will help pay for the development of decent, safe, and affordable rental housing for teacher, health professionals, and public safety officials. This program has and will continue to generate additional loan volume for AHFC. Since 2004, 289 new units have been placed into service and an additional 95 units are still in the construction phase under this program.

Attracting and maintaining a pool of qualified teachers, health professionals, and public safety officials in rural Alaska is a goal of the State of Alaska. In order to achieve this, housing must be available, affordable, and of a quality that encourages these professionals to locate and stay in rural settings. These programs were developed to respond to the need for additional housing for professionals and their families by providing grants to fill the funding gap for various housing projects. Funding is made available through a competitive process for new construction, rehabilitation, and acquisition of housing.

FY2014 Projects

| | | |
|-----------------------------------|-----------------------------|-------------|
| Bering Strait School District | (Elim, Teacher) | \$973,452 |
| Lake and Peninsula School | (Port Alsworth, Teacher) | \$221,971 |
| NW Arctic Borough School District | (Shungnak, Teacher) | \$505,235 |
| Norton Sound Health Corporation | (St. Michael, Healthy Prof) | \$1,166,002 |
| Southwest Region School District | (Kolinanok, Teacher) | \$2,265,900 |

FY2013 Projects

| | | |
|--|------------------------|-------------|
| AVCP Regional Housing Authority | (Napaskiak VPSO) | \$337,765 |
| AVCP Regional Housing Authority | (Napaskiak VPSO) | \$337,765 |
| Bering Strait School District | (Gambell Teacher/VPSO) | \$1,891,855 |
| Bering Strait School District | (Stebbins) | \$1,162,880 |
| City of Koyuk | (Koyuk) | \$1,162,880 |
| Lower Yukon School District | (Kotlik) | \$1,350,247 |
| Metlakatla Housing Authority | (Metlakatla) | \$867,500 |
| Northwest Arctic Borough School District | (Kobuk) | \$590,960 |
| Yukon Flats School District | (Venetie) | \$916,728 |
| Yukon Koyukuk School District | (Huslia) | \$673,494 |

FY2012 Projects

| | | |
|--|------------------|-------------|
| City of Manokotak | (Manokotak VPSO) | \$598,510 |
| City of Saxman | (Saxman VPSO) | \$563,640 |
| City of Tanana | (Tanana) | \$687,766 |
| Lower Kuskokwim School District | (Quinhagak) | \$1,225,525 |
| Lower Yukon School District | (Nunam Iqua) | \$691,694 |
| Metlakatla Housing Authority | (Metlakatla) | \$867,500 |
| Northwest Arctic Borough School District | (Kobuk) | \$590,960 |
| Yukon Flats School District | (Venetie) | \$916,728 |
| Yukon Koyukuk School District | (Huslia) | \$673,494 |

FY2011 Projects

| | | |
|----------------------------|--------------|-------------|
| Aleutian Housing Authority | (King Cove) | \$1,899,730 |
| St. Mary's School District | (St. Mary's) | \$1,100,000 |

| AHFC Teacher, Health and Public Safety Professionals Housing | | FY2016 Request: Reference No: | \$3,691,400 AMD 49395 |
|---|------------------------------|--|----------------------------------|
| Lower Yukon School District | (Marshall) | \$1,953,459 | |
| AVCP Housing Authority | (Akiak VPSO) | \$382,200 | |
| Village of Igiugik | (Igiugik VPSO) | \$384,000 | |
| Village of Sleetmute | (Sleetmute VPSO) | \$504,310 | |
| FY 2010 Projects | | | |
| City of Tanana | (Tanana) | \$201,762 | |
| Lower Yukon School District | (Mountain Village) | \$1,443,627 | |
| Northwest Arctic Borough School District | (Noatak) | \$709,731 | |
| City of Unalaska | (Unalaska) | \$3,764,678 | |
| Bering Straits School District | (Koyuk, Teller) | \$1,247,159 | |
| Lower Kuskokwim School District | (Napaskiak) | \$969,770 | |
| FY2009 Projects | | | |
| Alaska Gateway Schools | (Northway) | \$101,945 | |
| Area Island Comm. MH Services | (Wrangell) | \$719,713 | |
| Bering Straits School District | (Savoonga) | \$968,725 | |
| City of Tanana | (Tanana) | \$370,459 | |
| Kenai Peninsula Borough | (Tyonek) | \$635,193 | |
| Lower Kuskokwim School District | (Kipnuk) | \$2,420,116 | |
| FY2008 Projects | | | |
| Akiachak Native Community | (Akiachak) | \$933,227 | |
| Aleutian Housing Authority | (False Pass, King Cove) | \$888,125 | |
| Bering Strait School District | (Shaktoolik, White Mountain) | \$397,036 | |
| City of Tanana | (Tanana) | \$227,157 | |
| Kenai Peninsula Borough | (Nanwalek) | \$104,730 | |
| Nome Public Schools | (Nome) | \$145,698 | |
| New Stuyahok Traditional Council | (New Stuyahok) | \$139,767 | |
| Yukon Flats School District | (Arctic Village, Fort Yukon) | \$327,391 | |
| Yukon Koyukuk School District | (Allakaket, Kaltag, Minto) | \$712,721 | |
| FY2007 Projects | | | |
| Aleutian Housing Authority | (Nelson Lagoon, Sand Point) | \$1,894,202 | |
| Bering Straits School District | (Brevig Mission, Unalakleet) | \$1,100,728 | |
| City of Atka | (Atka) | \$452,056 | |
| Northwest Arctic Borough | (Buckland, Noorvik) | \$62,095 | |
| Yukon Flats School District | (Fort Yukon) | \$16,420 | |
| Yukon Kuskokwim Health Corporation | (Hooper Bay) | \$1,210,959 | |
| Yupit School District | (Akiachak, Akiak) | \$130,856 | |
| FY2006 Projects | | | |
| Lower Yukon School District | (Hooper Bay, Scammon Bay) | \$1,967,172 | |
| Yukon Koyukuk School District | (Hughes, Huslia, Nulato) | \$516,933 | |

AHFC Village Public Safety Officers Housing**FY2016 Request: \$1,000,000****Reference No: AMD 49369****AP/AL:** Allocation**Project Type:** Economic Assistance**Category:** Public Protection**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Les Campbell**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)330-8356**Appropriation:** AHFC Housing Loan Program**Brief Summary and Statement of Need:**

This program will provide funds to supplement the Alaska Housing Finance Corporation's (AHFC) housing programs through gap funding. These funds will allow AHFC to expand business opportunities with new housing programs specifically set aside for rural public safety personnel.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| AHFC Div | \$1,000,000 | | | | | | \$1,000,000 |
| Gen Fund | | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$5,000,000 |
| Total: | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$6,000,000 |

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ On-Going
 0% = Minimum State Match % Required
 ☒ Amendment
 ☐ Mental Health Bill

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P62 L12 SB119 \$1,000,000

Sec1 Ch16 SLA2013 P77 L29 SB18 \$1,000,000

Sec1 Ch17 SLA2012 P131 L22 SB160 \$1,000,000

Sec1 Ch5 SLA2011 P99 L13 SB46 \$1,000,000

Sec7 Ch43 SLA2010 P35 L20 SB230 \$1,000,000

Project Description/Justification:

The purpose of this program is to provide gap funding to increase homeownership and/or rental units throughout the state. This program is designed to help retain desirable professionals in high-cost areas. To date, four units of housing for village public safety officers (VPSOs) have been put into service and an additional nine more units are still under construction in rural Alaska.

The projected outcomes are:

- Adding five units for VPSOs;
- Increasing VPSO retention through housing development;

Program Description:

AHFC Village Public Safety Officers Housing**FY2016 Request: \$1,000,000**
Reference No: AMD 49369

The Alaska Housing Finance Corporation will provide funding to applicants proposing to build, acquire, or rehabilitate housing for village public safety officers. This funding will be used to priority fund the highest ranked applications for VPSO housing. The program will provide an incentive for villages, local governments, or other rural entities to build housing for VPSOs by subsidizing a portion of the project development cost. Having decent, safe, and affordable housing will help villages attract and retain VPSOs.

Attracting and maintaining a pool of qualified public safety professionals in rural Alaska is a goal of the State of Alaska. In order to achieve this, housing must be available, affordable, and of a quality that encourages these professionals to locate and stay in rural settings. These programs were developed to respond to the need for additional housing for professionals and their families by providing grants to fill the funding gap for various housing projects. Funding is made available through a competitive process for new construction, rehabilitation, acquisition of rental or lease/purchase housing.

FY2014 Projects

| | | |
|---------------------------------|-------------------|-----------|
| AVCP Regional Housing Authority | (Hooper Bay VPSO) | \$344,666 |
| Iliamna Village Council | (Iliamna VPSO) | \$815,000 |

FY2013 Projects

| | | |
|---------------------------------|------------------|-------------|
| AVCP Regional Housing Authority | (Napaskiak VPSO) | \$337,765 |
| AVCP Regional Housing Authority | (Napaskiak VPSO) | \$337,765 |
| Bering Strait School District | (Gambell VPSO) | \$1,891,855 |

FY2012 Projects

| | | |
|-------------------|------------------|-----------|
| City of Manokotak | (Manokotak VPSO) | \$598,510 |
| City of Saxman | (Saxman VPSO) | \$563,640 |

FY2011 Projects

| | | |
|------------------------|----------------|-----------|
| AVCP Housing Authority | (Akiak VPSO) | \$432,500 |
| Village of Igiugik | (Igiugik VPSO) | \$384,000 |

AHFC Energy Programs

FY2016 Request: \$11,100,000
Reference No: AMD 52598

AP/AL: Appropriation with Allocations**Project Type:** Energy**Category:** Health/Human Services**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Les Campbell**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)330-8356**Brief Summary and Statement of Need:**

Alaska Housing Finance Corporation (AHFC) Energy Programs provide state and federal U. S. Department of Energy (DOE) funds to assist low and moderate income families attain decent, safe and affordable housing through the weatherization and rehabilitation of existing homes. The Weatherization Program provides energy efficiency upgrades to homes using the latest building science tools to target heat loss areas and correct them. Installed measures must be cost effective. The Home Energy Rebate Program uses state funds to provide rebates to homeowners for making energy efficient improvements to their homes to reduce energy costs or purchase newly constructed homes that achieve a 5 Star Plus or 6 Star rating.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| AHFC Div | \$3,000,000 | | | | | | \$3,000,000 |
| Fed Rcpts | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$9,000,000 |
| Gen Fund | \$6,600,000 | \$50,000,000 | \$50,000,000 | \$50,000,000 | \$50,000,000 | \$50,000,000 | \$256,600,000 |
| Total: | \$11,100,000 | \$51,500,000 | \$51,500,000 | \$51,500,000 | \$51,500,000 | \$51,500,000 | \$268,600,000 |

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ On-Going
 0% = Minimum State Match % Required
 ☒ Amendment
 ☐ Mental Health Bill

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P62 L14 SB119 \$44,000,000
 Sec1 Ch16 SLA2013 P178 L6 SB18 \$51,000,000
 Sec1 Ch17 SLA2012 P131 L25 SB160 \$51,500,000
 Sec4 Ch5 SLA2011 P138 L5 SB46 \$101,500,000
 Sec7 Ch43 SLA2010 P35 L13 SB230 \$4,000,000
 Sec1 Ch15 SLA2009 P20 L33 SB75 \$2,600,000
 Sec13 Ch29 SLA2008 P157 L13 SB221 \$2,000,000
 Sec22 Ch11 SLA2008 P101 L13 SB256 \$300,000,000
 Sec4 Ch30 SLA2007 P103 L18 SB53 \$6,500,000

Project Description/Justification:

The purpose of the program is to provide cost-effective energy improvements to homes of Alaskan families.

The projected outcomes are:

- Reduce household operating costs of the resident;
- Improve resident health and safety;
- Improve durability and longevity of housing stock;
- Replace unsafe heating systems;
- Install smoke detectors in homes; and
- Install carbon monoxide detectors in homes.

AHFC Weatherization Program

FY2016 Request: \$8,100,000
Reference No: AMD 50683

AP/AL: Allocation**Project Type:** Energy**Category:** Health/Human Services**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Les Campbell**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)330-8356**Appropriation:** AHFC Energy Programs**Brief Summary and Statement of Need:**

The Alaska Housing Finance Corporation (AHFC) weatherization program provides United States Department of Energy (DOE) and state funds to assist low and moderate income families attain decent, safe, and affordable housing through cost effective weatherization and rehabilitation of existing homes. Weatherization provides energy efficiency upgrades to homes using the latest building science tools to target heat loss areas and correct them. Installed measures must be cost effective. The program addresses health and safety through tune-ups for heating systems, electrical and chimney repairs, and woodstove improvements.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|-------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Fed Rcpts | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$9,000,000 |
| Gen Fund | \$6,600,000 | \$30,000,000 | \$30,000,000 | \$30,000,000 | \$30,000,000 | \$30,000,000 | \$156,600,000 |
| Total: | \$8,100,000 | \$31,500,000 | \$31,500,000 | \$31,500,000 | \$31,500,000 | \$31,500,000 | \$165,600,000 |

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ On-Going
 0% = Minimum State Match % Required
 ☒ Amendment
 ☐ 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:

Sec1 Ch18 SLA2014 P62 L17 SB119 \$29,000,000
 Sec1 Ch16 SLA2013 P178 L6 SB18 \$31,500,000
 Sec1 Ch17 SLA2012 P131 L30 SB160 \$31,500,000
 Sec4 Ch4 SLA2011 P138 L8 SB46 \$64,000,000
 Sec1 Ch43 SLA2010 P35 L13 SB230 \$4,000,000
 Sec22 Ch11 SLA2008 P101 L24 SB256 \$200,000,000

Project Description/Justification:

The purpose of the program is to provide cost-effective energy improvements to homes of low-income families.

The projected outcomes are:

- Reduce household operating costs of the resident;
- Improve resident health and safety;

- Improve durability and longevity of housing stock;
- Replace unsafe heating systems;
- Install smoke detectors in homes; and
- Install carbon monoxide detectors in homes.

Program Description:

Weatherization provides services to the following client profile:

- Approximately 66% of households contained either a senior citizen or a person with disabilities;
- 37% of households contained children under the age of six;
- Many clients attended education and training sessions that focused on long-term maintenance efforts as well as the effects of the weatherization work if successfully maintained.

Much of the older housing stock cannot maintain a minimally comfortable indoor temperature. Since April 2008, AHFC has completed work on approximately 11,000 units and expended over \$220 million. Program clients include the elderly, persons with disabilities, and families with small children. Most of the families receiving services are 'working poor' and do not receive public assistance. Increased funding has allowed priority measures to be implemented in homes as well as the expansion of services to a greater number of eligible participants.

Weatherization improves occupant health and safety through the replacement of unsafe heating systems and installation of carbon monoxide detectors. Carbon monoxide problems are resolved, fire safety threats alleviated, egress windows installed, handrails and steps are repaired, and moisture and mold problems are abated. Client health improves as toxins and asthma triggers are removed and ventilation issues are addressed. Technology has developed concurrently with the program and provides the foundation for improved approaches to new construction for arctic conditions.

Benefits of weatherization:

- Reduces overall fuel use / saves client's money;
- Contractors and crews are hired locally and receive training (wages are spent locally);
- Materials are purchased from local Alaskan vendors;
- Helps keep people in their existing homes, reducing the need for public housing;
- Savings from fuel costs are reinvested in local economy;
- Clients are educated on long-term operations and maintenance (O&M) required to maintain houses;
- Weatherization techniques improve building stock by addressing critical durability issues;
- Health and safety of residents are dramatically improved due to mitigation of problems in the home (i.e., rot, mildew) and eliminating ice dams; and
- Egress windows, smoke alarms, and CO detectors are installed to protect families from fire and carbon monoxide poisoning.

AHFC's ability to properly diagnose and correct problems in existing housing stock through the Weatherization program helps provide a safe, clean environment to clients improving the overall quality of life for their families.

AHFC Home Energy Rebate Program

FY2016 Request: \$3,000,000
Reference No: AMD 51947

AP/AL: Allocation**Project Type:** Energy**Category:** Health/Human Services**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Les Campbell**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)330-8356**Appropriation:** AHFC Energy Programs**Brief Summary and Statement of Need:**

Alaska Housing Finance Corporation's (AHFC) Home Energy Rebate program to provide rebates to homeowners for making energy efficient improvements to their homes to reduce energy costs or purchase newly constructed homes that achieve required ratings.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| AHFC Div | \$3,000,000 | | | | | | \$3,000,000 |
| Gen Fund | | \$20,000,000 | \$20,000,000 | \$20,000,000 | \$20,000,000 | \$20,000,000 | \$100,000,000 |
| Total: | \$3,000,000 | \$20,000,000 | \$20,000,000 | \$20,000,000 | \$20,000,000 | \$20,000,000 | \$103,000,000 |

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ On-Going
 0% = Minimum State Match % Required
 ☒ Amendment
 ☐ Mental Health Bill

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P62 L14 SB119 \$44,000,000
 Sec1 Ch16 SLA2013 P78 L4 SB18 \$20,000,000
 Sec1 Ch17 SLA2012 P131 L28 SB160 \$20,000,000
 Sec4 Ch5 SLA2011 P138 L10 SB46 \$37,500,000
 Sec22 Ch11 SLA2008 P101 L27 SB256 \$100,000,000

Project Description/Justification:

This program assists homeowners by increasing energy efficiency and reducing energy use by providing rebates for making recommended, cost-effective energy improvements to their homes.

The projected outcomes are:

- Reduce household operating costs to the resident;
- Improve resident health and safety;
- Improve durability and longevity of housing stock; and
- Replace unsafe heating systems.

Program description

The Home Energy Rebate Program utilizes state general funds to provide rebates to homeowners for

State of Alaska Capital Project Summary
 FY2016 Governor Amended

Department of Revenue
 Reference No: AMD 51947
 Released February 5, 2015

making energy efficient upgrades to reduce energy costs. The Home Energy Rebate program provides rebates to owner-occupied homes statewide.

Within the program there are two separate and distinct components; rebates for making energy efficiency improvements to existing homes or for newly-constructed or purchased homes that achieve a Five-Star-Plus (5★+) or Six Star (6★) energy rating.

For existing homes, the rebate amounts are determined by the point and step increases achieved between the as-is energy rating and post-improvement energy rating. A final rating of a One-Star-plus (1★+) or greater must be achieved for existing homes to qualify for a rebate. Generally, this is a one-time rebate for any one family or home for improvements and actual expenses (verified with receipts and proof of payment). For the existing home component, the maximum eligible rebate amounts are:

| | | |
|-------------|-------|----------|
| One Step | Up to | \$4,000 |
| Two Steps | Up to | \$5,500 |
| Three Steps | Up to | \$7,000 |
| Four Steps | Up to | \$8,500 |
| Five Steps | Up to | \$10,000 |

For the newly-constructed or purchased Five-Star-Plus (5★+) or Six Star (6★) house, the rebate is \$7,000 or \$10,000, respectively. Owner-builders or purchasers must meet AHFC financing requirements to participate. The financing requirements consist of recorded copies of the forms PUR-101 and PUR-102 or certification of occupancy from an approved local government, a contractor's license with residential endorsement, a Five-Star-Plus or Six Star energy rating and proof of ownership (statutory warranty deed or deed transfer).

Since program inception on April 5, 2008 thru June 30, 2014:

- Over \$172 million has been expended;
- 21,820 rebates for existing homes were paid out, and the average rebate was \$6,443;
- 38,175 initial energy ratings were completed;
- 2,502 newly constructed homes received a Five Star Plus rebate
- 34 newly constructed homes received a Six Star rebate of \$10,000; and
- The average energy reduction is approximately 30%.

Funding through FY2014 for the program was encumbered. There was a 64% completion rate for those participating.

Benefits of Energy Rebate Program:

- Reduces overall fuel use / saves client's dollars;
- Improves existing housing stock, reducing the need for more public housing;
- Materials are purchased from local Alaskan vendors;
- Local contractors and crews receive training and wages spent locally;
- Local businesses saw an increase in activity during an economic lull;
- Savings from fuel costs reinvested in local economy;
- Client education on their houses and what it takes to maintain and operate them;
- Provides large dataset that includes both pre- and post-improvement measurements of housing unit energy use.

Waiting List

Homeowners continue to sign up to participate in the program in urban and road connected areas. In remote areas of the state where there are no energy raters available, AHFC established the Roving

Rater program. Through the program, the costs of travel for the energy rater is paid by AHFC when three or more homeowners sign up to get an as-is energy rating. The cost to send the rater to complete the post-rating is also covered.

Jobs and Skills

As a result of the Home Energy Rebate Program, hundreds of consumer education classes and training classes have provided much needed client education. An advanced level of retrofit training has been provided statewide. Businesses reported an increase in activity and have been vocal in their support of the program.

Individual and Community Benefits

The Home Energy Rebate Program has worked well in Alaska at a community and individual level. For the individual, the reduction in heating costs has allowed for the diversion of funds from heating to other essential needs. It has been a catalyst for job skill improvements and job creation through vendors and suppliers and, for the most part, dollars spent stay in the state and in the communities.

| | |
|---|--|
| AP/AL: Appropriation Category: Development Location: Statewide Impact House District: Statewide (HD 1-40) Estimated Project Dates: 07/01/2015 - 06/30/2020 | Project Type: Energy House District: Statewide (HD 1-40) Contact: Les Campbell Contact Phone: (907)330-8356 |
|---|--|

Brief Summary and Statement of Need:

This project provides funding for a designated grant to the Cold Climate Housing Research Center (CCHRC) to conduct housing construction research, analysis, and information dissemination among the housing industry and the public. Data gathering and analysis of energy efficiency technology for homes constructed in northern building and market conditions is being continually performed.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|--------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| AHFC Div | \$1,000,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$4,750,000 |
| Total: | \$1,000,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$4,750,000 |

| |
|--|
| <input type="checkbox"/> State Match Required <input type="checkbox"/> One-Time Project <input type="checkbox"/> Phased - new <input type="checkbox"/> Phased - underway <input checked="" type="checkbox"/> On-Going 0% = Minimum State Match % Required <input checked="" 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:

Sec1 Ch18 SLA2014 P61 L27 SB119 \$750,000
 Sec1 Ch16 SLA2013 P76 L28 SB18 \$750,000
 Sec1 Ch17 SLA2012 P130 L17 SB160 \$1,000,000
 Sec1 Ch5 SLA2011 P98 L11 SB46 \$1,000,000
 Sec7 Ch43 SLA2010 P34 L11 SB230 \$1,000,000
 Sec1 Ch15 SLA2009 P19 L28 SB75 \$1,000,000
 Sec13 Ch29 SLA2008 P156 L17 SB221 \$1,000,000

Project Description/Justification:

The projected outcomes are:

- Conducting research, analysis, information dissemination and interchange among members of the industry, and between the industry and the public
- Gathering data and performing geographically diverse analysis of energy-efficient designs for homes
- Monitoring homes for energy usage, comfort levels, durability, occupant health, and economic benefits of efficiency features

Program Description:

This program funds monitoring and testing of energy efficiency designs, products, and construction technology tests in areas of Alaska where little is being done. Considering the diverse building

conditions and requirements across the state, the home building industry has indicated they would like to see research and testing of energy efficiency designs in different regions of the state.

Energy Efficiency (EE) in Alaska is an energy resource. The Alaska Housing Finance Corporation (AHFC) is required by state law to purchase homes that meet minimum energy efficiency standards. The State of Alaska and AHFC have established and funded incentive programs for increased energy efficiency in homes and public facilities. CCHRC is an integral partner with AHFC to help maximize this resource and determine best EE practices, techniques and materials (including determining the effectiveness of certain energy efficiency designs across Alaska's climate regions and researching promising technologies for the future). Funds will be used to conduct research, analysis, and implementation.

Activities should have a high level of effectiveness and success based on following:

Programs and projects will be results-oriented.

Home building is a practical activity. Monitoring research and analysis should seek workable answers to real problems and real ways to improve homes across Alaska. Future trends and developing technologies need to be considered, with an emphasis on the impact that such trends and technologies will have on the way the homes are actually built.

Contact with the real world of home building needs to exist by having some ties to the state home building industry.

In addition to AHFC, local home building associations exist in Anchorage, the Kenai Peninsula, Ketchikan, Juneau, Interior Alaska, Mat-Su, and Kodiak. These associations could provide a grassroots network of cooperating builders. When research is launched, builders would be expected to provide direction on specific questions, technologies, designs, and to cooperate in studies and field tests.

Research and analysis flow directly into the building industry and the public.

Monitoring results would be expected to help link the research and product development communities with the practitioners who put methods into practice and products into use. The involvement of the building industry is intended to increase builder's confidence in the findings. All results and analyses would be publicized and disseminated throughout the housing industry, creating a favorable climate for the adoption of desirable change.

CCHRC's Cold Climate Building Infrastructure Research and Testing Facility (RTF) is located in Fairbanks, Alaska. CCHRC is a 501c(3) corporation founded by members of the Alaskan homebuilding industry. The RTF is a research and testing facility which is, in itself, a set of research and demonstration projects with over 600 sensors monitoring each component in the building from the foundation to the roof. Project deliverables include: ongoing web-based performance reports, final report, PowerPoint presentation, and information and recommendations on renewable energy systems, passive refrigeration, masonry heating systems, EE software development, and associated databases, biomass heating systems, EE standards, rural housing and community design.

Efficiency**FY2016 Request: \$29,600,000****Reference No: AMD 54166****AP/AL:** Appropriation with Allocations**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Jeff Ottesen**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)465-4070**Brief Summary and Statement of Need:**

Includes projects that address recurring congestion generally in the top 25% of measured congestion zones, intersections or routes. Other congestion hot spots such as the Seward and Parks Highways for seasonal weekend and holiday tourism traffic would also fall into this consideration. Other examples would include improvements to Alaska Marine Highway System vessels in their mechanical and other systems to improve performance and efficiency. Information technology projects that optimize the use of existing investments are another facet of this theme.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| CIP Rcpts | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$30,000,000 |
| Hwy Capitl | \$24,600,000 | \$24,600,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$109,200,000 |
| Total: | \$29,600,000 | \$29,600,000 | \$20,000,000 | \$20,000,000 | \$20,000,000 | \$20,000,000 | \$139,200,000 |

| | | | | |
|---|---|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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:

Capital Improvement Program Equipment Replacement**FY2016 Request: \$5,000,000****Reference No: AMD 32534****AP/AL:** Allocation**Project Type:** Equipment / Commodities**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Jeff Ottesen**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)465-4070**Appropriation:** Efficiency**Brief Summary and Statement of Need:**

This project will replace equipment used in developing projects such as drilling equipment, other specialized equipment used in designing projects as well as equipment that results in maintenance efficiencies. Additional purchases could include software that increases engineering and or construction productivity as well as copiers, plotters and computers. The project will also pay for ineligible usage rate costs reimbursed through Indirect Cost Allocation Plans. Usage fees will be charged to capital projects as appropriate.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| CIP Rcpts | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$30,000,000 |
| Total: | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$5,000,000 | \$30,000,000 |

| | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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:

Sec1 Ch18 SLA2014 P63 L29 SB119 \$5,000,000
 Sec1 Ch16 SLA2013 P79 L8 SB18 \$1,500,000
 Sec1 Ch17 SLA2012 P136 L20 SB160 \$1,500,000
 Sec1 Ch5 SLA2011 P102 L5 SB46 \$1,500,000
 Sec7 Ch43 SLA2010 P35 L31 SB230 \$1,500,000
 Sec10 Ch29 SLA2008 P76 L10 SB221 \$1,500,000
 Sec4 Ch30 SLA2007 P104 L3 SB53 \$1,500,000

Project Description/Justification:

The Department of Transportation and Public Facilities is responsible for administering the federal airport and highway construction programs. As required by Title 23, USC, the State Department of Transportation must be "suitably equipped and organized" to assume the duties as required by the federal highway program. 2 CFR 225 does not allow the state to charge equipment purchases directly to construction projects. The costs to support and administer the federal construction program must therefore be borne through the Department's Indirect Cost Allocation Plan.

State Equipment Fleet Replacement**FY2016 Request: \$24,600,000****Reference No: AMD 30628****AP/AL:** Allocation**Project Type:** Equipment / Commodities**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Jeff Ottesen**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)465-4070**Appropriation:** Efficiency**Brief Summary and Statement of Need:**

Replacement and/or refurbishment of equipment and vehicles which have reached the end of their useful life cycles and all extension periods, and continued conversion of vehicles to alternate fuel and related alternate fuel program expenses.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Hwy Capitl | \$24,600,000 | \$24,600,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$109,200,000 |
| Total: | \$24,600,000 | \$24,600,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$109,200,000 |

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
☒ On-Going
 0% = Minimum State Match % Required
☒ Amendment
☐ Mental Health Bill

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P64 L3 SB119 \$15,000,000
 Sec1 Ch16 SLA2013 P79 L15 SB18 \$15,000,000
 Sec1 Ch17 SLA2012 P136 L28 SB160 \$15,000,000
 Sec1 Ch5 SLA2011 P102 L8 SB46 \$18,322,600
 Sec7 Ch43 SLA2010 P37 L30 SB230 \$15,000,000
 Sec1 Ch15 SLA2009 P22 L12 SB75 \$15,000,000
 Sec10 Ch29 SLA2008 P78 L19 SB221 \$15,000,000
 Sec4 Ch30 SLA2007 P104 L6 SB53 \$15,000,000

Project Description/Justification:

The economic life of equipment is constantly monitored to obtain the lowest life-cycle cost possible. Delay in the established replacement program can result in higher operating costs including increased risk of equipment failure and expensive repairs that are not recoverable in the remaining equipment life. In FY2014 a large amount of heavy equipment was replaced out of cycle to reduce the high cost of operating rates in FY2015 and beyond. This action created deferment of \$6.9 million in replacement assets into FY2015 and an additional shortfall in the FY2016 replacement program of \$9.6 million. The replacement program also contributes to the safety of the operators in providing the latest technological advances in the industry.

Based on current projections, replacement payments to the Highway Equipment Working Capital

State Equipment Fleet Replacement

FY2016 Request: \$24,600,000
Reference No: AMD 30628

Fund (HEWCF) by user agencies will fund this request within 2%. The remaining 2% will be made up from the sale of used equipment, projected to be \$900,000, as well as excess equipment no longer needed. Failure to replace equipment at the appropriate time results in higher operating and life-cycle costs. These higher costs are directly reflected in the operating rates of user agencies in future fiscal years.

Deferred Maintenance, Renewal, Repair and Equipment**FY2016 Request: \$8,000,000****Reference No: AMD 51320****AP/AL:** Appropriation**Project Type:** Deferred Maintenance**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Jeff Ottesen**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)465-4070**Brief Summary and Statement of Need:**

This project will address deferred maintenance needs in the following categories: Aviation, Harbors, Statewide Facilities, Highways and Alaska Marine Highway System. The Department has identified over \$725,000,000 in deferred maintenance needs. This appropriation of \$8,000,000 will be allocated across modes in the department.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | \$8,000,000 | | | | | | \$8,000,000 |
| Total: | \$8,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$8,000,000 |

| | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

Sec1 Ch18 SLA2014 P77 L25 SB119 \$26,000,000

Sec1 Ch16 SLA2012 P96 L27 SB18 \$26,230,000

Sec1 Ch17 SLA2012 P150 L19 SB160 \$27,100,000

Sec1 Ch5 SLA2011 P117 L14 SB46 \$27,100,000

Sec4 Ch43 SLA2010 P13 L31 SB230 \$25,000,000

**Reappropriation for Alaska Marine Highway System -
Vessel and Terminal Overhaul and Rehabilitation**

FY2016 Request: \$0
Reference No: AMD 60740

AP/AL: Appropriation

Project Type: Renewal and Replacement

Category: Transportation

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: x

Estimated Project Dates: 06/30/2015 - 06/30/2019

Contact Phone: (111)111-1111

Brief Summary and Statement of Need:

The unexpended and unobligated balance, not to exceed \$12,000,000 of the estimated balance of \$22,000,000, of the appropriation made in sec. 7, ch. 17, SLA 2012, page 166, lines 24-27 (Alaska Aerospace Corporation Construction of New Medium Lift Launch Pad - \$30,000,000) is reappropriated to the Department of Transportation and Public Facilities for Alaska Marine Highway System Vessel and Terminal Overhaul and Rehabilitation.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

☐ State Match Required ☒ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ On-Going
0% = Minimum State Match % Required ☒ Amendment ☐ 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:

Sec1 Ch18 SLA2014 P63 L23 SB119 \$12,000,000
Sec1 Ch16 SLA2013 P79 L4 SB18 \$10,000,000
Sec1 Ch17 SLA2012 P136 L16 SB160 \$10,000,000
Sec7 Ch17 SLA2012 P167 L26 SB160 \$5,455,000
Sec1 Ch5 SLA2011 P99 L21 SB46 \$8,000,000
Sec1 Ch43 SLA2010 P3 L19 SB230 \$4,000,000
Sec7 Ch43 SLA2010 P35 L27 SB230 \$8,000,000
Sec10 Ch15 SLA2009 P59 L3 SB75 \$6,000,000
Sec1 Ch15 SLA2009 P21 L17 SB75 \$702,100
Sec13 Ch29 SLA2008 P158 L17 SB221 \$9,900,000
Sec20 Ch30 SLA2007 P151 L3 SB53 \$13,444,500
Sec1 Ch30 SLA2007 P78 L14 SB53 \$1,944,000

The Alaska Marine Highway System (AMHS) requires annual maintenance and overhaul on vessels and at terminals, particularly components or systems whose failures impact service in the short term. Annual overhaul of vessels is necessary to pass United States Coast Guard (USCG) inspections and obtain a Certificate of Inspection (COI) necessary to operate in revenue service.

Project Description/Justification:

**Reappropriation for Alaska Marine Highway System -
Vessel and Terminal Overhaul and Rehabilitation**

FY2016 Request: \$0
Reference No: AMD 60740

This project is for numerous recurring maintenance tasks and improvements to the vessels. The majority of the funds being requested are spent in Alaska shipyards and with Alaska suppliers and vendors.

Overhaul work consists of inspection, repair, and maintenance that cannot be performed while the vessels are operating. An overhaul period of approximately six weeks is set aside every year during which each ship is in dry-dock and the scheduled work is accomplished. This work is performed in Alaskan shipyards unless it is combined with a Federal Highway Administration project competitively awarded to an out-of-state shipyard. In performing overhaul work, the Alaska Marine Highway System must meet the inspection requirements and standards of safety and seaworthiness of two entities, the Classification Societies (American Bureau of Shipping (ABS) for steel hulled vessels, and Det Norske Veritas (DNV) for the aluminum hulled fast vehicle ferries) and the United States Coast Guard (USCG). None of this work is discretionary. At the end of the overhaul period, the vessel must pass a demanding USCG inspection to obtain a Certificate of Inspection (COI). This certificate is mandatory to operate for the next year.

In addition to the work required by ABS, DNV, and the USCG, work is done which is recommended by equipment manufacturers and AMHS port engineers determine to be sound equipment maintenance practices. For example, painting the hull is not required, and vessels could sail with badly deteriorated paint. However, paint protects the hull from deterioration. In the long term, the value of asset protection greatly outweighs the cost of the painting.

Overhaul work is costly. Putting a vessel into dry-dock can cost over \$20,000 base cost plus \$1,000 for each day it remains in dry-dock. Dismantling a main propulsion engine solely to permit ABS inspections requires the work of several skilled engineers for several weeks. These are costs incurred simply to enable inspections to be made and routine maintenance to be done.

In FY2016 AMHS expects to accomplish a number of needed upgrades and equipment purchases including several major propulsion engine overhauls as well as auxiliary engine overhauls. A continuing source of increased costs is maintenance of new installed systems and equipment (primarily safety related) required to be added to the vessels by the International Maritime Organization's Safety of Life at Sea (SOLAS) regulations and similar U.S. Code of Federal Regulations Subchapter "W" provisions. While federal funds provide the systems and equipment, state CIP funds must be used to maintain them once installed. Perhaps the greatest cause of increased overhaul costs is the simplest: as vessels age, the amount and cost of required maintenance increases.

AMHS operates steel and aluminum vessels in a hostile, corrosive salt-water environment and must protect these expensive ships or suffer rapid deterioration of major structural components and equipment resulting in expensive replacement costs. Ignoring these maintenance and repair requirements will result in failure to maintain ABS or DNV classification and failure to pass USCG COI examinations. Taking vessels out of classification will result in higher annual insurance rates. Without a USCG COI, AMHS cannot sail the vessels and accomplish the mission of providing safe, reliable public transportation. In the past AMHS has often established an inventory of major main engine components that are economical to rebuild. These were used as ready spares to keep our vessels in service when a casualty occurred. More recently this practice has ceased due to a lack of funds.

**Reappropriation for Alaska Marine Highway System -
Vessel and Terminal Overhaul and Rehabilitation**

FY2016 Request: \$0
Reference No: AMD 60740

This funding may also be used for terminal maintenance and repairs or equipment and component replacement and rehabilitation projects as available due to favorable bids or parts pricing.

UAF Engineering Building**FY2016 Request: \$8,000,000****Reference No: AMD 58655****AP/AL:** Appropriation**Project Type:** Construction**Category:** University**Location:** Fairbanks (Areawide)**House District:** Fairbanks Areawide (HD 1-5)**Impact House District:** Fairbanks Areawide (HD 1-5)**Contact:** Michelle Rizk**Estimated Project Dates:** 07/01/2015 - 06/30/2020 **Contact Phone:** (907)450-8191**Brief Summary and Statement of Need:**

As part of the University of Alaska Statewide Engineering Expansion Initiative, the University of Alaska Fairbanks (UAF) has seen a 100% increase in student enrollment and graduation of baccalaureate trained engineers, and has started construction on the UAF Engineering Facility at the Fairbanks campus. The new facility will allow UAF to graduate more engineering students, enhance the student experience for multiple disciplines campus-wide and create a modern and interactive learning environment. The facility also allows for better integration of UAF's engineering research and graduate programs, and addresses critical classroom needs.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|--------------------|---------------|---------------|---------------|---------------|---------------|--------------------|
| Gen Fund | \$8,000,000 | | | | | | \$8,000,000 |
| Total: | \$8,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$8,000,000 |

| | | | | |
|---|---|---|---|-----------------------------------|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input checked="" type="checkbox"/> Phased - underway | <input type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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:

Sec1 Ch18 SLA2014 P78 L20 SB119 \$10,000,000
 Sec4 Ch16 SLA2013 P106 L18 SB18 \$15,000,000
 Sec1 Ch17 SLA2012 P151 L31 SB160 \$46,300,000
 Sec7 Ch43 SLA2010 P54 L33 SB230 \$4,000,000

Project Description/Justification:

The proposed facility of 119,100 gross square feet (GSF) is ideally situated adjacent to the existing Duckering Building currently housing the College of Engineering and Mines (CEM) and provides the opportunity to complete Cornerstone Plaza with an attractive and functional focal point at the UAF campus core. The new facility blends with surrounding buildings while standing out as a new and exciting campus destination. In addition, the new facility maintains full connectivity to the existing Duckering engineering building and programs and the nearby Bunnell Building which houses business programs. The facility plan will provide approximately 30,000 GSF of renovation to portions of Duckering to provide a functional connection with the new building and to allow efficient use of space to better serve the needs of the engineering program.

Deferred Maintenance, Renewal, Repair and Equipment**FY2016 Request: \$8,000,000****Reference No: AMD 45326****AP/AL:** Appropriation**Project Type:** Deferred Maintenance**Category:** University**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Michelle Rizk**Estimated Project Dates:** 07/01/2015 - 06/30/2020**Contact Phone:** (907)450-8191**Brief Summary and Statement of Need:**

The University of Alaska (UA) owns and maintains more than 400 buildings across the State, totaling 6.7 million gross square feet, with an adjusted value of almost \$3 billion. Deferred Maintenance funding has been, unquestionably, one of the single most important investments the state has made in UA. A prolonged deferred maintenance backlog increases the risk of mission failure. Funding for deferred maintenance will continue the momentum built over the last several years and works toward a sustainable funding strategy for UA facilities.

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|--------------------|---------------|---------------|---------------|---------------|---------------|--------------------|
| Gen Fund | \$8,000,000 | | | | | | \$8,000,000 |
| Total: | \$8,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$8,000,000 |

| | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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:

Sec1 Ch18 SLA2014 P78 L29 SB119 \$12,000,000
 Sec1 Ch18 SLA2014 P78 L32 SB119 \$2,503,000
 Sec1 Ch18 SLA2014 P79 L4 SB119 \$4,270,000
 Sec1 Ch18 SLA2014 P79 L7 SB119 \$500,000
 Sec1 Ch16 SLA2013 P97 L24 SB18 \$30,000,000
 Sec1 Ch17 SLA2012 P152 L3 SB160 \$450,000
 Sec1 Ch17 SLA2012 P152 L10 SB160 \$37,500,000
 Sec1 Ch5 SLA2011 P117 L30 SB46 \$2,000,000
 Sec1 Ch5 SLA2011 P118 L18 SB46 \$87,500,000
 Sec4 Ch43 SLA2010 P14 L18 SB230 \$37,500,000
 Sec1 Ch15 SLA2009 P37 L4 SB75 \$3,200,000
 Sec10 Ch29 SLA2008 P80 L25 SB221 \$3,000,000
 Sec10 Ch29 SLA2008 P80 L27 SB221 \$23,742,948
 Sec13 Ch29 SLA2008 P173 L9 SB221 \$20,079,652
 Sec4 Ch30 SLA2007 P117 L26 SB53 \$8,000,000
 Sec4 Ch30 SLA2007 P118 L11 SB53 \$475,000

Project Description/Justification:

State of Alaska Capital Project Summary
 FY2016 Governor Amended

University of Alaska
 Reference No: AMD 45326
 Released February 5, 2015

Deferred Maintenance, Renewal, Repair and Equipment**FY2016 Request:****\$8,000,000****Reference No:****AMD 45326**

Campus priority projects are identified in the deferred maintenance list and are ranked at a point in time. The Board of Regents may determine a redistribution of these funds to address critical needs, as needed.

| Project Name | DM | R&R | Total |
|--|----------------|----------------|-----------------|
| UAA Main Campus | | | |
| Campus Building Envelope & Roof Systems Renewal | 2,000.0 | | 2,000.0 |
| Campus Building Interior & Systems Renewal | 500.0 | 500.0 | 1,000.0 |
| Campus Exterior Infrastructure and Signage Renewal | 200.0 | 50.0 | 250.0 |
| EM1 and EM2 Mechanical | 1,250.0 | | 1,250.0 |
| WFSC Near Term Renewal & Repurposing | 2,500.0 | 2,500.0 | 5,000.0 |
| Consortium Library Old Core Mechanical Upgrades | 2,500.0 | | 2,500.0 |
| UAA Main Campus Total | 8,950.0 | 3,050.0 | 12,000.0 |

UAA Community Campuses

| | | | |
|--|----------------|----------------|----------------|
| KPC Campus Renewal | 250.0 | 250.0 | 500.0 |
| Kodiak College Campus Renewal | 215.6 | 200.0 | 415.6 |
| PWSCC Campus Renewal | 150.0 | 150.0 | 300.0 |
| Mat-Su Campus Renewal | 300.0 | 300.0 | 600.0 |
| KPC Kachemak Bay Campus Renewal | 60.0 | 60.0 | 120.0 |
| KPC Kenai River Campus Career Tech Collateral Buildings Backfill | 100.0 | 100.0 | 200.0 |
| Mat-Su Parking/Road/Circulation Renewal | 92.4 | 100.0 | 192.4 |
| KPC Kachemak Bay Campus Gas Conversion | | 70.0 | 70.0 |
| PWSCC Parking and Security Upgrades | 35.0 | 20.0 | 55.0 |
| KPC Kenai River Campus Academic Center/Classroom Renewal | 25.0 | 25.0 | 50.0 |
| UAA Community Campus Total | 1,228.0 | 1,275.0 | 2,503.0 |

| | | | |
|---------------------------------|-----------------|----------------|-----------------|
| UAA DM and R&R Total | 10,178.0 | 4,325.0 | 14,503.0 |
|---------------------------------|-----------------|----------------|-----------------|

UAF Main Campus

| | | | |
|--|---------|---------|---------|
| Cogen Heating Plant Required Upgrades to Maintain Service and Code Corrections (Ph3) | 1,000.0 | | 1,000.0 |
| Critical Electrical Distribution | | 3,500.0 | 3,500.0 |
| Fairbanks Campus Main Waste Line Repairs | 2,000.0 | | 2,000.0 |
| Fairbanks Main Campus Wide Roof Replacement | 1,000.0 | | 1,000.0 |
| West Ridge Facilities Deferred Maintenance and Revitalization | 4,000.0 | 3,000.0 | 7,000.0 |
| ADA Compliance Campus Wide: Elevators, Ramps, Restrooms | 750.0 | 250.0 | 1,000.0 |
| Elevator/Alarms Scheduled Upgrading and Replacement | 100.0 | 400.0 | 500.0 |
| Lower Campus Backfill Renovations per 2010 Masterplan | 400.0 | | 400.0 |
| Patty Center Revitalization | 1,000.0 | | 1,000.0 |
| Campus Infrastructure | 500.0 | 500.0 | 1,000.0 |

| Deferred Maintenance, Renewal, Repair and Equipment | | FY2016 Request: Reference No: | \$8,000,000 AMD 45326 |
|---|------------------|----------------------------------|--------------------------|
| Tilly Commons Demolition | 2,000.0 | | 2,000.0 |
| Student Services Renewal - Wood Center Student Union | 2,000.0 | | 2,000.0 |
| UAF Main Campus Total | 14,750.0 | 7,650.0 | 22,400.0 |
| UAF Community Campuses | | | |
| Kuskokwim Campus Facility Critical Deferred and Voc-Tech Renewal -- Phase 2 | 725.0 | 245.0 | 970.0 |
| UAF Community Campus Total | 725.0 | 245.0 | 970.0 |
| UAF DM and R&R Total | 15,475.0 | 7,895.0 | 23,370.0 |
| UAS Main Campus | | | |
| Technology Education Center Renewal Phase 2 | 1,500.0 | 1,470.0 | 2,970.0 |
| Juneau Campus Site Lighting Replacement | 800.0 | | 800.0 |
| Juneau Campus Pavement Replacement | 500.0 | | 500.0 |
| UAS Main Campus Total | 2,800.0 | 1,470.0 | 4,270.0 |
| UAS Community Campuses | | | |
| Sitka Campus Site Improvements | | 500.0 | 500.0 |
| UAS Community Campus Total | | 500.0 | 500.0 |
| UAS DM and R&R Total | 2,800.0 | 1,970.0 | 4,770.0 |
| Statewide | | | |
| Butrovich East Parking Lot | 1,500.0 | | 1,500.0 |
| Butrovich Building Repairs | 600.0 | | 600.0 |
| Statewide Total | 2,100.0 | | 2,100.0 |
| DM and R&R Total | 30,553.0 | 14,190.0 | 44,743.0 |
| Additional DM and R&R | | | |
| UAA Main Campus | 162,046.6 | 125,914.1 | 287,960.6 |
| UAA Community Campuses | 16,489.9 | 13,875.9 | 30,365.7 |
| UAF Main Campus | 518,110.8 | 272,880.4 | 790,991.2 |
| UAF Community Campuses | 13,925.6 | 16,748.8 | 30,674.4 |
| UAS Main and Community Campuses | 6,566.7 | 1,827.2 | 8,393.9 |
| Statewide | 9,900.0 | | 9,900.0 |
| UA System Additional DM and R&R Total | 727,039.5 | 431,246.3 | 1,158,285.8 |
| UA DM and R&R Grand Total | 757,592.5 | 445,436.3 | 1,203,028.8 |

Reappropriation for Emerging Energy Technology Fund**FY2016 Request:****\$0****Reference No:****AMD 56558****AP/AL:** Appropriation**Project Type:** Energy**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Sara Fisher-Goad**Estimated Project Dates:** 06/30/2015 - 06/30/2019**Contact Phone:** (907)771-3000**Brief Summary and Statement of Need:**

The unexpended and unobligated balance, not to exceed \$1,000,000 of the estimated balance of \$12,500,000, of the appropriation made in sec. 4, ch. 5, FSSLA 2011, page 137, lines 21-23 (AEA – Mount Spurr Geothermal Project Development - \$12,500,000) is reappropriated to the Emerging Energy Technology Fund (AS 42.45.375).

| Funding: | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | | | | | | | \$0 |
| Total: | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <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"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

Sec21 Ch16 SLA2013 P124 L30 SB18 \$2,000,000

Sec15 Ch17 SLA2012 P175 L24 SB160 \$1,700,000

Sec19 Ch5 SLA2011 P159 L8 SB46 \$4,800,000

Sec23 Ch43 SLA2010 P158 L27 SB230 \$2,400,000

Funds emerging energy technologies (renewables, efficiency, storage, transmission, etc.) for testing and implementation in Alaska.

Project Description/Justification:

Emerging Energy Technology Fund competitively funds emerging energy technologies that can demonstrate commercial viability within 5 years for testing and implementation in Alaska. Prior funding of \$10.9 million in federal and state funds resulted in advancing state knowledge on 21 emerging energy technology projects/topics. This funding would support the development of 2-5 projects. The Emerging Energy Technology Fund Advisory Committee will assemble and consult with AEA to identify priority areas of focus for this solicitation to help identify technical solutions to some of Alaska's most pressing energy needs. A competitive solicitation will be issued according to established statutes and regulations, and top projects answering to the solicitation will be selected based on established criteria. This program fills an energy development void by providing initial capital to spur private investments in emerging energy technologies that can provide solutions and relief to Alaska communities.