#### Alaska Energy Authority - Bulk Fuel Upgrades FY2017 Request: \$6,650,000 Reference No: 49734 **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

#### **Brief Summary and Statement of Need:**

The Bulk Fuel program upgrades non-compliant bulk fuel facilities in rural communities. Upgrading bulk fuel facilities reduces the cost of energy by reducing or eliminating fuel loss from leaks and spills. By providing enough capacity for current and planned needs, communities may purchase fuel in larger quantities at a lower cost per gallon.

Funding:	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Total	
1002 Fed	\$5,350,000						\$5,350,000	
Rcpts								
1004 Gen	\$1,300,000	\$6,650,000	\$6,650,000	\$6,650,000	\$6,650,000	\$6,650,000	\$34,550,000	
Fund			_		_			
Total:	\$6,650,000	\$6,650,000	\$6,650,000	\$6,650,000	\$6,650,000	\$6,650,000	\$39,900,000	
☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☑ On-Going								
0% = Minimum State Match % Required ☐ Amendment ☐ Mental Health Bill								

Operating & Maintenance Costs:		Amount	Staff
operating a manifestation decision	Project Development:	0	0
	Ongoing Operating:	0	0
	One-Time Startup:	0	
	Totals:	0	0

## **Prior Funding History / Additional Information:**

Sec1 Ch18 SLA2014 P3 L33 SB119 \$7,300,000 Sec1 Ch16 SLA2013 P4 L14 SB18 \$6,000,000 Sec1 Ch17 SLA2012 P6 L9 SB160 \$7,000,000 Sec4 Ch5 SLA2011 P127 L17 SB46 \$5,000,000 Sec7 Ch43 SLA2010 P20 L27 SB230 \$5,000,000

### **Project Description/Justification:**

Most of the rural tank farms have serious deficiencies that typically included:

- Inadequate dikes to contain fuel spills
- Inadequate foundations, which could cause gradual tank movement and fuel leakage
- Improper piping systems and joints, which are the most common source of fuel leaks
- Improper siting near wells, beaches, and buildings, or within a flood plain
- Tanks that are rusted or damaged beyond repair
- Electrical code violations
- Inadequate security

AEA will use these funds to match federal funding. Funds would be used to match the next priority

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project(s) in Tuluksak, Beaver, Chalkyitsik, and Venetie.

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