

Alaska Energy Authority - Susitna-Watana Hydroelectric Project **FY2014 Request: \$32,700,000**
Reference No: AMD 56220

AP/AL: Appropriation **Project Type:** Energy
Category: Development
Location: Southcentral Alaska **House District:** Southcentral Region (HD 7-30)
Impact House District: Southcentral Region (HD 7-30) **Contact:** Sara Fisher-Goad
Estimated Project Dates: 04/20/2014 - 06/30/2019 **Contact Phone:** (907)771-3000

Brief Summary and Statement of Need:

This project supports the Susitna-Watana Hydroelectric project and provides for continued progress of field studies contingent upon obtaining and holding valid executed land access permits. The Alaska Energy Authority continues to work towards filing a Susitna-Watana Hydroelectric Project Federal Energy Regulatory Commission (FERC) license application.

Funding:	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>Total</u>
Gen Fund	\$32,700,000						\$32,700,000
Total:	\$32,700,000	\$0	\$0	\$0	\$0	\$0	\$32,700,000

<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:

Sec4 Ch16 SLA2013 P105 L22 SB18 \$95,200,000
 Sec4 Ch5 SLA2011 P127 L10 SB46 \$65,700,000
 Sec7 Ch43 SLA2010 P19 L16 SB230 \$10,000,000
 Sec13 Ch29 SLA2008 P87 L14 SB221 \$2,500,000

DEPARTMENT OF COMMERCE COMMUNITY AND ECONOMIC DEVELOPMENT. The sum of \$32,700,000 is appropriated from the general fund to the Alaska Energy Authority for the Susitna-Watana Hydroelectric Project contingent upon Alaska Energy Authority obtaining and holding valid executed land access permits needed to conduct field studies and other activities.

Project Description/Justification:

The Alaska Energy Authority requests \$32,700,000 to complete the environmental studies for the Susitna-Watana Hydroelectric Project for FY2014. The funding will be utilized in April through June for procurement and field studies for FY2014 in anticipation of the FERC license application. A similar request is in the FY2015 Governor's budget.

Susitna - Watana Estimated Budget (in thousands)
Licensing and Engineering
PRECONSTRUCTION

Engineering

Licensing

Activity	Budget Authorized	To Date Expenditures & Outstanding Obligations Includes FY 14 - July - Dec 2013	FY2014 Budget January - June	FY2015 Budget	FY2016 Budget	Licensing Budget	Engineering Budget FY 17 and Beyond	Current Estimated Total Budget Jan 25, 2014
Pre-PAD Activities	\$6,498.3	\$6,498.3	\$0.0	\$0.0	\$0.0	\$6,498.3	\$0.0	\$6,498.3
Engineering Feasibility Study	17,773.5	14,032.9	3,343.0	300.0	0.0	17,675.9	8,097.5	25,773.5
Geotechnical Services	154.4	154.4	0.0	0.0	0.0	154.4	34,755.0	34,909.4
Board of Consultants	1,308.5	858.5	503.0	200.0	0.0	1,561.5	3,347.0	4,908.5
Detailed Engineering Design	200.0	0.0	0.0	0.0	0.0	0.0	176,268.0	176,268.0
Utility Coordination, Operations, & Power Sales	268.0	241.2	300.0	0.0	100.0	641.2	526.8	1,168.0
Update Integrated Resource Plan	18.3	18.3	0.0	0.0	0.0	18.3	0.0	18.3
Watana Transportation Analysis	575.0	521.2	0.0	0.0	0.0	521.2	0.0	521.2
FERC Licensing Support	2,704.3	2,339.2	600.0	1,300.0	1,000.0	5,239.2	1,565.0	6,804.3
Office of Project Management & Permitting	5,270.7	3,836.7	1,440.0	3,000.0	2,795.0	11,071.7	3,834.0	14,905.7
Water Resource Studies	21,436.3	18,251.0	9,797.2	0.0	9,353.0	37,401.3	0.0	37,401.3
Water Quality Studies	8,525.0	7,588.9	1,850.0	0.0	3,721.3	13,160.2	0.0	13,160.2
Geomorphology/Geology/Soils Studies	6,129.6	5,072.7	3,085.0	0.0	6,321.9	14,479.6	0.0	14,479.6
Fish and Aquatic Resource Studies	34,153.7	26,060.8	15,950.0	0.0	10,242.9	52,253.7	0.0	52,253.7
Wildlife Resource Studies	7,847.3	6,496.5	3,787.3	0.0	1,211.7	11,495.5	0.0	11,495.5
Botanical Resource Studies	3,882.2	3,218.5	1,344.6	0.0	1,719.1	6,282.2	0.0	6,282.2
Recreation and Aesthetic Resource Studies	7,657.1	5,285.6	1,785.0	0.0	6,499.0	13,569.6	0.0	13,569.6
Cultural Resource Studies	5,943.5	5,373.5	775.0	0.0	3,505.0	9,653.5	0.0	9,653.5
Subsistence Resource Studies	2,462.1	1,952.1	150.0	0.0	1,270.0	3,372.1	0.0	3,372.1
Socioeconomic and Transportation Issues	3,201.4	2,886.2	575.0	0.0	1,240.3	4,701.5	0.0	4,701.5
Draft License Application, BA, EFHA, Historic PMP	0.0	0.0	0.0	0.0	6,000.0	6,000.0	0.0	6,000.0
Final License Application	0.0	0.0	0.0	0.0	3,000.0	3,000.0	0.0	3,000.0
FERC NEPA Process	0.0	0.0	0.0	0.0	1,200.0	1,200.0	5,000.0	1,700.0
Settlement	0.0	0.0	0.0	566.0	1,534.0	2,100.0	0.0	2,100.0
Project Management Consultant	818.1	676.6	400.0	0.0	0.0	716.6	1,851.5	2,568.1
Technical Assistance	346.3	146.3	0.0	0.0	0.0	146.3	2,100.0	2,246.3
Field Permitting, Insurance, Bonding, & Misc	955.5	578.2	2,400.0	0.0	100.0	3,078.2	0.0	3,078.2
Safety & Logistical Support	20,530.8	20,098.9	12,130.0	1,000.0	4,963.2	38,192.1	331.9	38,524.0
GIS	1,176.2	1,108.6	300.0	0.0	350.0	1,758.6	167.6	1,926.2
SharePoint Site	160.0	10.0	0.0	0.0	600.0	610.0	450.0	1,060.0
Website and Public Information Library	466.0	187.8	60.0	300.0	840.0	1,387.8	878.2	2,266.0
Public Notices/Communications	603.1	364.9	550.0	200.0	150.0	1,264.9	388.2	1,653.1
Legal	4,522.5	3,435.0	1,610.0	0.0	1,590.0	6,635.0	2,587.5	9,222.5
Project Office	705.4	345.7	233.0	134.0	134.0	846.7	656.7	1,503.4
AEA Staffing Costs	5,716.0	3,484.8	1,041.0	3,000.0	3,612.5	11,138.2	6,352.4	17,490.7
Contingency and Unallocated Budget	63.7	0.0	0.0	0.0	0.0	0.0	63.7	63.7
Total Project Costs:	\$172,072.4	\$141,123.3	\$63,649.1	\$10,000.0	\$73,052.8	\$287,825.2	\$244,721.0	\$532,546.2

FY2014 Budget Remaining \$30,949.1
FY2014 Supplemental Request \$32,700.0

Note: No adjustment has been made for inflation of deferred cost from 2014 to 2015 field season.

Change Record Detail with Description (1438)
Unalloc Ap

Scenario: FY2014 Supplemental Amds Submitted Feb18 (11405)

Component: Fuel Branch-wide Appropriations (2954)

RDU: Fuel Branch-wide Unallocated (558)

Title: Reapprop Fuel Allocation to AMHS Fund for Tustumena Costs and Lost Revenue - Estimated to be \$2.5 Million

Language	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		
										PFT	PPT	NP
Y	Suppl	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0

Alaska Marine Highway System is predicting the revenue generated in FY2014 will be approximately \$2.5 million less than budgeted due to the Tustumena's canceled sailings as well as the Kennicott's delay in coming out of its overhaul and the resulting impact system wide. Increased costs to cover operating the Kennicott on the Tustumena's Aleutian chain run were also incurred. Fuel and utility costs are lower than projected due to lower prices and reduced gallons used due to cancelled sailings. This request will reappropriate the fuel and utility authorization to cover these increased costs and lost revenues.

Add a new subsection:

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES.

(b) The unexpended and unobligated balance, estimated to be \$2,500,000, of the appropriation made in sec. 22(a) and (b) and allocated in sec. 22(e)(1), ch.14, SLA 2013, page 75, lines 27-28 (Department of Transportation and Public Facilities fuel and utility costs) is reappropriated to the Alaska marine highway system fund (AS 19.65.060(a)) to cover costs and lost revenue associated with the Tustumena cancelled service and repairs.

Change Record Detail with Description (1438)
Unalloc Ap

Scenario: FY2014 Supplemental Amds Submitted Feb18 (11405)

Component: Fuel Branch-wide Appropriations (2954)

RDU: Fuel Branch-wide Unallocated (558)

Title: Reapprop Fuel Allocation to Vessel Replacement Fund - Estimated to be \$5 Million

Language	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		
										PFT	PPT	NP
Y	Suppl	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Add a new subsection:												
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES.												
(c) The unexpended and unobligated balance, after application of the amount appropriated in (b) of this section, estimated to be \$5,000,000, of the appropriation made in sec. 22(a) and (b) and allocated in sec. 22(e)(1), ch.14, SLA 2013, page 75, lines 27-28 (Department of Transportation and Public Facilities fuel and utility costs) is reappropriated to the Alaska marine highway system vessel replacement fund (AS 37.05.550).												
Totals		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0