

Ted Stevens Anchorage International Airport: Deicing Mitigation

FY2011 Request: \$375,000
Reference No: 49100

AP/AL: Allocation **Project Type:** Construction
Category: Transportation
Location: Anchorage Area-wide **Contact:** Christine Klein
House District: Anchorage Area-wide (HD 17-32) **Contact Phone:** (907)269-0724
Estimated Project Dates: 07/01/2010 - 06/30/2015
Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

Purchase a new runway liquid-deicing vehicle to replace the bottom dump currently used for spreading urea, and/or a glycol recovery vehicle to comply with the U.S. Environmental Protection Agency (EPA) Effluent Limitation Guidelines for Airport Deicing. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$375,000						\$375,000
Total:	\$375,000	\$0	\$0	\$0	\$0	\$0	\$375,000

<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 type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Additional Information / Prior Funding History:

None.

Project Description/Justification:

The EPA just released the proposed Effluent Limitation Guidelines for Airport Deicing. The proposed rule looks at collection of glycol based on percent used and the subsequent treatment or recycling of that collected. Based on the review of the proposed rule, it appears that the airport will have to stop using urea. The alternate uses would use mostly liquid pavement deicers. The airport will not be able to use the bottom dumps that are currently used for solid, prill urea. These vehicles will have to be replaced with liquid deicing vehicles. At the present time, the lead-time for a new vehicle is 3 to 4 years. Since the new rule could be issued in 2 to 3 years, ANC needs to respond quickly.