Ted Stevens Anchorage International Airport: Deicing Mitigation | **FY2011 Request: $375,000** | **Reference No: 49100**

AP/AL: Allocation
Project Type: Construction
Category: Transportation
Location: Anchorage Areawide
Contact: Christine Klein
House District: Anchorage Areawide (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:	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	Total
Fed Rcpts	$375,000						$375,000
Total:	$375,000	$0	$0	$0	$0	$0	$375,000

☐ 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
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
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.