

**Ted Stevens Anchorage International Airport: Runway
Deicer Storage**

**FY2012 Request: \$400,000
Reference No: AMD 47804**

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Anchorage Areawide

House District: Anchorage Areawide (HD 17-32)

Impact House District: Anchorage Areawide (HD 17-32)

Contact: Marc Luiken

Estimated Project Dates: 07/01/2011 - 06/30/2018 **Contact Phone:** (907)269-0730

Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

The department recently completed a reconciliation of construction bond funds and determined that there is sufficient bond authority in a previous authorization available. This amendment to the FY12 Governor's budget reduces the construction bond funds of this request by \$600,000 for a new requested bond amount of \$400,000. This project will construct two additional liquid de-icer storage tanks with a total capacity of 100,000 gallons. The additional storage is required to meet current and future capacity needs.

Funding:	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>Total</u>
IntAptCons	\$400,000						\$400,000
Total:	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000

<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

Additional Information / Prior Funding History:

\$600,000 - Ch 15 SLA 2009 Sec 1 pg 29 ln 23.

Project Description/Justification:

Construct two additional liquid de-icer storage tanks with a total capacity of 100,000 gallons, including foundations and dispensing systems. The Federal Aviation Administration requires the Ted Stevens Anchorage International Airport (ANC) to maintain a minimum friction level on both taxiways and runways to help ensure the safety of aircraft taxiing and landing. This is partly achieved through the use of deicing chemicals.

Currently ANC has about a 90,000 gallon storage capacity, which is not enough if the airport encountered an extended snow storm. Deicing chemicals come to Whittier by barge, then to Anchorage by rail. Shipment takes 20 to 40 days to arrive at Whittier after ordered. If Whittier has an avalanche, product delivery to Anchorage is delayed. ANC can use between 15K to 25K gallons per shift in bad weather. ANC needs an emergency reserve. With addition of new Papa parking, new Echo taxiway, and new Taxiway Zulu deicing needs have increased. As surface areas at the airport needing de-icing increases, the need for storage of de-icing fluid also increases. Also, greater liquid de-icer storage is needed with

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the recent shutdown of the Kenai urea production.