Ted Stevens Anchorage International Airport: Information Technology Improvements **FY2011 Request: $1,185,500** **Reference No: 45680**

AP/AL: Allocation

Project Type: Information Technology / Systems / Communication

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:

Funding for miscellaneous information technology projects at Ted Stevens Anchorage International Airport (ANC). This funding is needed for regular upgrades to equipment and software as they become outdated, obsolete, or require excessive maintenance, and for expansion of existing systems to meet increased needs. 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
Int Airprt	$1,185,500	$1,185,500					$2,371,000
Total:	$1,185,500	$1,185,500	$0	$0	$0	$0	$2,371,000

☐ 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:

FY2010 - $1,185,000; FY2009 - $4,500,000.

Project Description/Justification:

Typical projects to be implemented with this funding are as follows:

- Increased data storage (Closed Circuit Television (CCTV), daily data generation, large training and safety video files, operational database backups, etc.).
- Replacement of network switches for those switches whose life cycle and support end after three years.
- Replace/upgrade ANC operational support workstations and printers whose life cycle and support are three years.
- Replacement/Upgrade Multi-User Flight Information Display System (MUFIDS) displays – by 2011 ANC will have 84 40 inch displays.
- Replace/upgrade ANC operational support network servers whose life cycle and support are ending. There are currently 12 critical servers supporting MUFIDS, daily data operations, databases for accounting, ANC time cards, print server, network servers (DC's DHCP), backup and retrieval, security, antivirus, workstation and software upgrade and management, etc.
- Replacement of DDC (Digital Display Controllers – Workstations that are used only to drive

MUFIDS displays) can be replaced with operations and maintenance funding. Expected life and display quality is three years.

To keep ANC as a leading hub of international cargo and a major seasonal passenger airport, keeping the information infrastructure current is critical. Aging or no longer supported hardware needs to be replaced on a regular basis to increase the likelihood that airport operations are not hindered by delays in data, information transmission and access is required. Doing so will minimize response times for carrier and tenant requests and continue the integration of networks and data.

With implementation of the new Access Control System (ACS Project) in 2008 and the upgrading of the essential supporting network, ANC has found itself no longer able to ignore or postpone major technological improvements, expecting to maintain the same level of service as more applications and users are placed on the system. Keeping ANC's IT infrastructure as current as possible is the best way to enable support of these new and current applications and users.