Ted Stevens Anchorage International Airport - Information Technology Improvements		**FY2015 Request:**	**$988,800**
		Reference No:	**45680**

AP/AL: Allocation	**Project Type:** Information Technology / Systems / Communication
Category: Transportation	
Location: Anchorage Areawide	**House District:** Anchorage Areawide (HD 11-27)
Impact House District: Anchorage Areawide (HD 11-27)	**Contact:** Steven Hatter
Estimated Project Dates: 07/01/2014 - 06/30/2019	**Contact Phone:** (907)269-0730
Appropriation: Airport Improvement Program	

Brief Summary and Statement of Need:
Install new/updated technologies, and replace aging or no longer supported hardware on a regular basis to increase the likelihood that airport operations are not hindered by delays in data, information transmission and access.

Funding:	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	Total
Int Airprt	$988,800	$1,018,464	$1,049,018	$1,080,488	$1,112,903	$1,146,290	$6,395,963
Total:	$988,800	$1,018,464	$1,049,018	$1,080,488	$1,112,903	$1,146,290	$6,395,963

☐ 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

Prior Funding History / Additional Information:
Sec1 Ch16 SLA2013 P85 L31 SB18 $960,000
Sec1 Ch5 SLA2011 P107 L6 SB46 $2,485,000
Sec7 Ch43 SLA2010 P42 L17 SB230 $1,185,500
Sec1 Ch15 SLA2009 P27 L26 SB75 $1,185,000
Sec13 Ch29 SLA2008 P165 L6 SB221 $4,500,000

Project Description/Justification:
The airport is providing a state of the art data processing and network connectivity system to all resident airlines, the traveling public, and State of Alaska employees. Keeping ANC's information technology (IT) infrastructure as current as possible is the best way to enable support of these new and current applications and users.

All operations at the airport are affected by the current state of information technology. The challenge for IT at ANC is to provide a common infrastructure that is secure, with high availability and efficiency. Application integration will build on that infrastructure to provide high data availability and efficiencies. Implementation of intelligent, standards-based systems will allow facilities, equipment and personnel to be used in more flexible and productive ways.

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Current projection of work to be undertaken with this project on an annual basis is as follows:

•   Replace network switches. There are 130 switches at ANC and the life cycle and vendor support lasts five years. Therefore we will replace approximately 26 per year at a purchase price of $25K each or $650K total per year.

•   Replace/upgrade ANC operational support workstations and printers whose life cycle and vendor support lasts three years. These items are purchased with vendor warranties, which expire after three years. Warranty extensions are very expensive, if available, and repair parts become difficult to obtain after 3 years. Total of 300 workstations. Replace 100 per year at a purchase price $500 each or $50K per year. Total of 70 printers. Replace 20 per year at a purchase price of $2500 each or $50K per year. Total for workstations and printers = $100K per year.

•   Network Engineer support for switch replacement and miscellaneous IT infrastructure upgrade projects throughout the year = $210K per year.

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