

Ted Stevens Anchorage International Airport - Information **FY2014 Request: \$960,000**
Technology Improvements **Reference No: 45680**

AP/AL: Allocation **Project Type:** Information Technology / Systems / Communication
Category: Transportation **House District:** Anchorage Areawide (HD 11-27)
Location: Anchorage Areawide **Contact:** Steven Hatter
Impact House District: Anchorage Areawide (HD 11-27)
Estimated Project Dates: 07/01/2013 - 06/30/2020 **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: | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Int Airprt | \$960,000 | \$960,000 | \$960,000 | \$960,000 | \$960,000 | \$960,000 | \$5,760,000 |
| Total: | \$960,000 | \$960,000 | \$960,000 | \$960,000 | \$960,000 | \$960,000 | \$5,760,000 |

| | | | | |
|---|---|---------------------------------------|---|--|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" 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 |
| One-Time Startup: | 0 | 0 |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

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 State of Alaska employees, airlines, and the traveling public. Keeping Anchorage International Airport's (ANC) 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.

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. 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 \$25,000 each or \$650,000 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 \$50,000 per year. Total of 70 printers. Replace 20 per year at a purchase price of \$2,500 each or \$50,000 per year. Total for workstations and printers = \$100,000 per year.
- Network Engineer support for switch replacement and misc IT infrastructure upgrade projects throughout the year = \$210,000 per year.