AMD: Fairbanks International Airport: Maintenance Facility Construction

FY2001 Request:		**$29,400**
Reference No:		**AMD 6836**

AP/AL: Allocation
Category: Transportation
Location: Fairbanks (West Fairbanks)
House District: West Fairbanks (HD 30)
Estimated Project Dates: 07/01/2000 - 06/30/2004
Appropriation: Airport Improvement Program

Project Type: Construction

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Brief Summary and Statement of Need:

Construct a 16,500 square foot building to house the heavy and light vehicle maintenance function with shop space for facility maintenance.

Funding:	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	Total
Int Airprt	$29,400						$29,400
Total:	$29,400	$0	$0	$0	$0	$0	$29,400

☐ 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:

Project Description/Justification:

Project Description: The design phase of the project was approved in FY96. This project will construct a facility, anticipated to be 16,500 square feet in size, to house the heavy and light vehicle maintenance function and to provide shop space for facility maintenance including electrical, plumbing, and carpentry. The facility, currently under design, will provide maintenance bays with necessary hydraulic lifts, overhead hoists, proper oil-water separators for floor drain runoff, electronic and computerized testing equipment and machine shop equipment, welding and paint booth areas with appropriate ventilation, and parts and supplies storage areas, all currently lacking in the existing inadequate 35 year-old facility that was originally constructed for warm storage.

Project Justification: FAI is responsible for the maintenance and repair of its entire rolling stock fleet from basic pickup trucks to sophisticated Airport Resue & Firefighting (ARFF) vehicles valued at close to one half million dollars, as well as the responsibility to fully maintain over 200,000 square feet of airport owned buildings. At northern tier airports such as FAI, equipment and airport facilities require extensive maintenance in order to sustain uninterrupted airfield operations and to protect the investment in buildings including the extreme climatic conditions experienced in Fairbanks. For years, providing adequate maintenance facilities has received low priority until needs reach critical proportions. Portions of the existing facility, originally designed and constructed as an equipment warm storage facility, have been converted in piecemeal and still inadequate fashion over the past 35 years for equipment maintenance, airfield electrical systems maintenance, and a carpentry shop at the expense of equipment maintenance, repair, and warm storage staging space. Further, the current "shop" areas lack adequate mechanical systems and space for personnel to safely and efficiently carry out their duties.

With completion of the project, the existing facility will once again serve it's original purpose, that of vehicle warm storage. The existing facility is already insufficient to house all equipment. Keeping vehicles and equipment warm is extremely important to FAI as the airport can experience six or more months of winter conditions with temperatures dropping as low as sixty below zero. As equipment experiences mechanical breakdowns and is moved into the storage facility for repairs, it occupies valuable warm storage

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space. Equipment that should be stored inside ends up outside in the cold. This not only adds startup time to bring to an operational condition, but further increases the possibiliy of mechanical breakdowns.

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