

AST Mobile Data Computers

FY2008 Request: \$480,000
Reference No: AMD 45337

AP/AL: Appropriation
Category: Public Protection
Location: Statewide

Project Type: Information Systems

Contact: Dan Spencer, Director, Administrative Services

House District: Statewide (HD 1-40)

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Estimated Project Dates: 04/13/2008 - 06/30/2010

Brief Summary and Statement of Need:

This project will fund the design, evaluation, and implementation of installing mobile data computers in trooper vehicles. This will allow for digital information from the time of the the initial data collection point. These data terminals will allow more efficient information sharing between Public Safety and other law enforcement agencies.

Funding:	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	Total
Gen Fund	\$480,000						\$480,000
Total:	\$480,000	\$0	\$0	\$0	\$0	\$0	\$480,000

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

Additional Information / Prior Funding History:

None.

Project Description/Justification:

The current paper-based reporting system used by Alaska State Troopers is outdated and difficult at best. It requires a great deal of handling by many different layers of personnel. Information sharing is slow. Forms must be purchased, stored, distributed, and completed by hand before processing. Using modern information-gathering and -sharing equipment will decrease the necessity for multiple occurrences of data entry, reduce the time involved in manually handling and processing paper documents, and shorten the time involved before the information is useful.

The mobile data terminals (MDT) will house the information collection and storage software that will allow for faster processing, quicker, and more correct information sharing. This will result in immediate data collection, and prevent duplicative work efforts by department support personnel.

This funding would purchase mobile data computers and equipment necessary to install into the trooper vehicles. This would account for the purchase of MDT systems to install in up to 60 patrol units for the initial integration of this technology. Additional MDTs will be phased in as additional state and federal funding can be secured with the goal that the MDT will replace each trooper's desktop computer. The MDT equipment will include servers for storing and archiving collected data, Toughbook® or similar style laptop computers, printers, scanners, and mounting hardware. It is estimated that each installed unit will cost approximately \$8,000.

The procurement and integration of these MDT's will further enhance the ability to integrate data collected from the field into the electronic record management system and the implementation of TraCS (Traffic and Criminal Software), which is

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also an integral part of the Alaska State Troopers technology development strategy. In addition, these systems will have the ability to share information with other agencies, again enhancing the productivity and efficiency of multiple state agencies and departments.

This project is being phased; it is anticipated that the FY2010 capital budget will include a similar request for the next phase of this project.

If this funding is not appropriated, it will have a significant delay in integrating communication technology that is crucial to the overall operation of the Alaska State Troopers.