

Management Reporting System Efficiency - Analysis and Development

FY2002 Request: \$250,000
Reference No: 33938

AP/AL: Appropriation

Project Type: Planning

Category: Transportation

Location: Statewide

Contact: Kurt Parkan

House District: Statewide (HD 1-40)

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Estimated Project Dates: 07/01/2001 - 06/30/2006

Brief Summary and Statement of Need:

The department needs a thorough analysis of all information systems being used by the department, including a review of what information is being collected from them, how it is being collected, and how the information is being used. This review should suggest ways of improving the efficiency of the departments information management by streamlining processes, by changing or improving systems, and by improving reporting processes.

Funding:	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Gen Fund	\$250,000						\$250,000
Total:	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input 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

Additional Information / Prior Funding History:

None

Project Description/Justification:

State of Alaska Department of Transportation and Public Facilities

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Background: The department currently uses several information management systems, including: Airport Information Management System (AIMS); Alaska Marine Highways Reservations Management System III (RMS3); Highway Accident System (HAAS); a Geographic Information System; a Pavement Management System; a Statewide Equipment Fleet Management System (EMS); a Management Reporting System (MRS) that is a database for capital projects; Historian for tracking employee training, etc. The department is also developing other new systems, including a new Maintenance Management System (MMS) and a new Right-of-Way Management System. In addition, the department uses existing state systems such as the Alaska State Accounting System (AKSAS) and AKPAY. Many of these systems do not produce adequate summary reports for management and do not always allow for communication between systems. Many employees cut and paste information from different systems to produce reports necessary for efficient management of our varied department resources.

Need: The department needs a thorough analysis of all information systems being used by the department, including a review of what information is being collected from them, how it is being collected, and how the information is being used. This review should suggest ways of improving the efficiency of the departments information management by streamlining processes, by changing or improving systems, and by improving reporting processes.

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Outcome: The desired outcome of such a project would be to develop a roadmap for improving the departments information management over the next 3-5 years through follow-on projects. The long-term effects of this should be more efficient maintenance of systems by the information services section; better decisions by the departments managers regarding application of resources; better information made available to the public; and supportable tracking, monitoring, and reporting of the departments performance measures.