Motor Vehicle - Replace Outdated Information Technology Infrastructure

FY2015 Request:	$900,000
Reference No:	58240

AP/AL: Appropriation

Project Type: Information Technology / Systems / Communication

Category: General Government

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Cheryl Lowenstein

Estimated Project Dates: 07/01/2014 - 06/30/2019

Contact Phone: (907)465-5655

Brief Summary and Statement of Need:

Replace old and out of warranty servers and storage devices, and increase the business continuity of the Division of Motor Vehicles (DMV) services.

Funding:	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	Total
GF/Prgm	$900,000						$900,000
Total:	$900,000	$0	$0	$0	$0	$0	$900,000

☐ 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:

Project Description/Justification:

This project will replace outdated and out of warranty DMV servers and storage devices and ensure DMV services are not interrupted or made unavailable by hardware failures and will enhance the business continuity of DMV services. These enhancements will ensure that Alaskans at home, travelling or deployed by the military around the world can access DMV services at any time.

What is the purpose of the project?

Replace old and out of warranty servers and storage devices and increase the business continuity of DMV services.

Is this a new systems development project? Or, an upgrade or enhancement to existing department capabilities?

This is an upgrade to out of warranty equipment for existing department capabilities.

Specifically, what hardware, software, consulting services, or other items will be purchased with this expenditure. Include a line item breakdown.

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Redundant Blade centers, server blades, Ethernet and fiber channel fabrics and associated licenses and support.	$600
Storage Area Network enclosures, drives, fiber channel connection fabric and adapters and associated licenses and support.	$300
Totals	$900

- Blade server enclosures and associated connection fabrics for networking and fiber channel storage solutions.
- Blade servers and expanded capacity for a storage area networks.
- Redundant components to enable hardware, server and storage device failover.

How will service to the public be measurably improved if this project is funded?

This update will enable service outages to be measured and reported**.**

Does project affect the way in which other public agencies will conduct their business?

This upgrade will allow for continued access to DMV services by reducing outages and hardware failure and will provide reliable interfaces to internal and external agencies, such as online voter registration and real time driving records.

What are the potential out-year cost implications if this project is approved? (Bandwidth requirements, etc.)

- This upgrade will be maintained by division staff
- The solution will reduce outages, hardware failures and staff time spent troubleshooting or addressing server or storage issues.
- As the number of online transactions grow the solution will slightly increase external bandwidth utilization and inter-agency bandwidth utilization may grow if additional inter-agency services are deployed.

What will happen if the project is not approved?

- At some point a critical hardware failure could occur resulting in the loss, at a minimum, of the following services:
  - o Driver licenses and identification cards could not be issued for a period of time..
  - o Vehicle titles and registrations could not be issued for a period of time.

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