

SQL Database Evaluation**FY2010 Request: \$175,000****Reference No: 46989****AP/AL:** Appropriation**Project Type:** Information Technology / Systems / Communication**Category:** General Government**Location:** Statewide**Contact:** Jerry Burnett**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-2312**Estimated Project Dates:** 07/01/2009 - 06/30/2014**Brief Summary and Statement of Need:**

In the Department of Revenue, the integrity of the SQL Database is critical to operations. It is used primarily by the Permanent Fund Dividend Division to hold applicant information, and by the Tax Division for tax data. This project will allow the department to request Microsoft SQL experts to review, audit, and provide advice on the database structure, NetApp Storage model, and SQL design to make sure ongoing development of the database is moving forward correctly during the next five years.

Funding:	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	Total
Gen Fund	\$175,000						\$175,000
Total:	\$175,000	\$0	\$0	\$0	\$0	\$0	\$175,000

<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:

This project has received no prior funding.

Project Description/Justification:**Information Technology Capital Project Review Form FY2010****1. Has this project been previously approved?**

No

2. What is the purpose of the project?

The purpose of this project is to evaluate the growth, programming, and future development of the department's growing databases, primarily for the Permanent Fund Dividend database which holds applicant information, and the Tax Division database for tax data. For example, the PFD database has grown to 1.274 Terabytes with an expected growth to 2.774 Terabytes in 2010. Projected growth could reach up to 5 Terabytes by 2013.

This project will allow the department to request Microsoft SQL experts to review, audit, and provide advice on the database structure, NetApp Storage model, and SQL design to make sure ongoing development of the database is moving forward correctly during the next 5 years.

3. Is this a new systems development project?

No

Upgrade or enhancement to existing department capabilities?

This project is a review, audit and evaluation of existing department capabilities.

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

\$175,000 in contractual services for system review, audit and evaluation.

5. How will service to the public measurably improve if this project is funded?

Service to the public will be improved through providing secure database systems for the Permanent Fund Dividend and state tax programs.

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

No.

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

There are no additional cost implications in the immediate future. After Microsoft completes their evaluation there may be out-year costs to make the recommended changes if any are presented.

8. What will happen if the project is not approved?

The Department of Revenue will move forward with database development in what is believed to be the correct direction, however proper development of this system, which has never been completed, is recommended in order to avoid database failure and loss of critical data in the future.