

Combined Retirement System Upgrade**FY2012 Request: \$350,000****Reference No: 51599****AP/AL:** Appropriation**Project Type:** Information Technology / Systems / Communication**Category:** General Government**Location:** Statewide**Contact:** Cheryl Lowenstein**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-5655**Estimated Project Dates:** 07/01/2011 - 06/30/2016**Brief Summary and Statement of Need:**

The Combined Retirement System (CRS) was developed in COBOL using DB2 as a database on an IBM AS400. A complete upgrade is needed to move the functions currently provided by CRS from this older technology, incrementally. The new design includes a State standard compliant JAVA web interface with the data residing in an Oracle database.

Funding:	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Total
Ben Sys	\$130,300						\$130,300
Jud Retire	\$1,600						\$1,600
Nat Guard	\$5,000						\$5,000
P/E Retire	\$151,000	\$350,000	\$350,000	\$200,000			\$1,051,000
Teach Ret	\$62,100						\$62,100
Total:	\$350,000	\$350,000	\$350,000	\$200,000	\$0	\$0	\$1,250,000

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

\$400,000 SB230 CH 43 SLA 10 Sec 7 Pg 18

Project Description/Justification:

The Combined Retirement System (CRS) is the main mission critical data processing system used by the Department of Administration, Division of Retirement and Benefits (DRB) to conduct Defined Benefit, Defined Contribution Retirement System, Supplemental Benefits Systems, and Deferred Compensation operations.

The CRS is a semi-integrated modular software system that maintains records and financial data for approximately 200,000 current and past members of the Public Employees Retirement System (PERS), Teachers' Retirement System (TRS), Judicial Retirement System (JRS), and the National Guard and Naval Militia Retirement System (NGNMRS).

The CRS was developed in COBOL using DB2 as a database on an IBM AS400. The existing code is not adequately documented, suffers from some internal inconsistencies related to the incompatibility of the non-standard software/hardware combination and is therefore unmanageable as

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a production system in the long run. A complete upgrade is needed to move the functions currently provided by CRS from this older technology, incrementally. The new design includes a State standard compliant JAVA web interface with the data residing in an Oracle database.

As the CRS technologies are rapidly nearing the end of their useful lives, the skills needed to maintain the current system are rare in the existing marketplace and the current staff members that possess these skills are nearing retirement age. The new architecture will allow for support by software programmers and engineers current skill set.

This project offers a very high return on investment as the existing code has proven so difficult to maintain that external contractors are used for most enhancements. The upgrade project brings the code up to modern, State standards which permit in house development of required enhancements.