

Technology Services Board – Project Synopsis

Agency: Department of Retirement Services

Project: Mainframe Rehosting

Description: Designed in the 1990s, DRS' legacy systems are inflexible, costly to maintain and supported by a shrinking pool of resources. Mainframe rehosting is a critical first step in modernizing these systems.

The mainframe re-hosting project will move all current DRS core applications from the mainframe environment to a non-mainframe environment using cloud services. Rehosting is a pivotal step in the journey to system modernization. The outcomes of this project are to:

- Move all mainframe source code to a single location with a single programming language (ADABAS/Natural), eliminating dependency on multiple legacy languages and minimizing the impact of a workforce that has shrinking skillsets for those languages.
- Prepare a hosting environment that supports service-oriented, layered architecture in the cloud.
- Redirect mainframe costs to modern technology.

This approach allows DRS to minimize the initial impact to internal users and reduce the risks associated with its legacy systems while providing adequate time to plan for strategic, incremental system replacement.

In the fall of 2019, DRS selected Cambria Solutions to provide mainframe rehosting services in close collaboration with DRS. Cambria has assembled a highly qualified technical team that includes partners from Software AG and Cronos Consulting Services who specialize in migrating applications from mainframe technology to an open system platform. The Cambria team has been providing mainframe migration services since 2000.

Modeled after other successful projects across the country, the contract requires Cambria to perform all the key re-hosting activities, produce over 30 key deliverables (such as system architecture, technical manuals, test planning and test results, a comprehensive migration plan, and knowledge transfer/training), and perform project management for their team. The project team is expected to complete this work no later than June 2021, including a three-month stabilization window prior to project completion.

Purpose of attending the 02/13/2020 TSB meeting:

DRS will share an update on project status, discuss preliminary lessons learned, and answer questions from the subcommittee.

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Project Schedule Baseline	
Begin Date	10/1/2019
End Date	05/31/21

Current Assessments	
OCIO	Yellow
Quality Assurance	Yellow

Approved Budget	FY 2020	FY 2021
State Employee Staffing Costs	1,188,366	1,428,367
Non-State Employee Staffing Costs	-	-
Contracted Professional Services	4,650,838	768,087
Software Licenses and Subscriptions	377,702	963,324
Hardware and Equipment	56,650	59,515
Other	16,650	19,500
TOTAL	6,290,207	3,238,793

Timeline	Key Event/Action
11/30/2019	Phase 1 – Project Initiation and Planning
1/31/2020	Phase 2 – System Inventory and Analysis
4/30/2020	Phase 3 - Design
9/30/2020	Phase 4 - Migration
1/202021	Phase 5 – Deployment / User Acceptance Testing
2/28/2021	Phase 5 – Deployment / Go Live
5/31/2021	Phase 6 - Stabilization