

Information Technology Capital Investment Program
Project Status Report

To: Information Technology Strategy and Investment Committee
John Vittner, Office of Policy and Management

From: Irene Garcia

Email: irene.garcia@ct.gov

Agency: Department of Energy and Environmental Protection

Project: Sites Case Management System (Sites CMS)

Project Manager: David Madsen

Reporting Period: Project Inception through 12/31/2021

Total Funds Requested: \$6,250,000

Total Funds Allotted to Agency: \$3,250,000

Accumulative Total Capital Fund Expenditures to Date: \$2,745,674

Brief Project Description/Summary:

The Sites CMS project will consolidate project management and data tracking needs of multiple DEEP business areas that support various aspects of discovery and remediation of contaminated and potentially contaminated sites including Dispatch, Oil & Chemical Spills, Leaking Underground Storage Tanks, PCBs, Emergency Response, Site Assessment & Support Unit (SASU), Remediation, and Cost Recovery. The new system will replace current paper-based manual processes to manage the oversight of environmental cleanup at approximately 7,000 CT properties resulting in the elimination of redundancies, fostering better coordination of effort across business areas, enabling more efficient processing of vendor invoices and assisting with cost recovery efforts, simplification of reporting a spill or discovery of a polluted site for the general public, and promoting transparency to the general public and other state government agencies such as DECD and DPH. Other project goals include providing a responsive application that can be leveraged by emergency response and other field staff to view and update data and documents directly from their mobile devices, eliminating legacy systems, and creating common electronic interfaces and workflows for enforcement actions that can be extended outside of this project for potential re-use throughout the agency.

An Agile project management approach comprised of multiple phases/sprints and incremental deliverables will be leveraged. The project will be broken down into smaller components (phases) resulting in more frequent deliverables that will provide usable outputs throughout the project lifecycle. Each component will build on previous components to add additional business functionality. While each individual component adds value and can be used in itself, the full benefit of this project will be seen only after completion of all components in order to eliminate redundant processes and provide true transparency throughout all site case management.

Summary of Progress Achieved to Date:

IT staff have recommended a technical approach to agency leadership for final review. Once confirmed, vendors will be asked to submit revised proposals to the previously provided SOW. The agency is moving forward with a cloud-based spill alert solution as a first step toward this larger solution. This is in response to a new regulatory requirement for release reporting.

Previously completed activities include:

-DEEP held individual meetings with each vendor who responded to the SOW to provide each with an opportunity to present their services and experience. DEEP is also evaluating SaaS solutions that may be able to meet the requirements of certain project components. The feasibility of integrating various systems versus the time needed to build a single custom solution are being weighed.

-DEEP completed an Agile assessment to help identify a transformation plan. Scrum master and Product Owner trainings were provided and an Agile coach will be introduced to the project team.

-DEEP issued a Statement of Work (SOW) to the vendors on the Business One Stop contract in addition to a current partner working with DEEP on multiple projects including the ezFile Phase 2 IT Capital Investment project. The initial SOW was for phase 1 of the Sites CMS project comprised of the Dispatch and Spills intake processes. The cost estimates included in the vendor responses exceeded DEEP expectations and raised concern about the total funds available for the Sites CMS project. As such, DEEP requested the vendors to submit proposals and cost estimates for completion of the full Sites CMS project. DEEP is currently reviewing these overall project costs to determine if current funding can support full project completion. The full benefit of this project could not be achieved without completion of all phases of the Sites CMS project. Additionally, the vendor proposals present two separate technical approaches. DEEP is reviewing these approaches to determine the best technical approach as well as the ongoing license costs associated with each approach.

-DEEP selected a vendor to partner with on our Agile assessment. We are currently working on the procurement process as we begin planning for our Agile transformation.

-DEEP met with DAS BEST regarding the Business One Stop initiative. Per discussion with BEST, the Sites Case Management project contains common elements including sites and GIS functionality also required by other agencies and could benefit from leveraging BOS. DEEP will plan to leverage the BOS contract and stay in close coordination with BEST to leverage the BOS platform and services. DEEP estimates to have an SOW ready by August 2020 which will include the first phase of this project comprised of Dispatch and Oil & Chemical Spills intake processes.

-DEEP finalized and is working to post an RFP to provide an Agile assessment in order to identify DEEP readiness and resulting in an Agile transformation plan including training options for management, business, and IT and coaching options as part of this project.

-DEEP also invested in Jira, an Agile project management tool which is currently being utilized for other projects already in progress

Issues and Risks:

- Dependency on completion of other DEEP priority projects for availability of IT resources.
- Availability and commitment of business resources.
- Funding to support full project completion in addition to ongoing license costs.
- Timelines have been further impacted by COVID-19 which has impacted staff availability and priorities.

Next Steps & Project Milestones:

DEEP leadership to confirm project technical approach

Request and evaluate revised vendor proposals. Select vendor.

Align business and project management resources